

2013 Plant Flows
Wellington Wastewater Treatment Plant

* All units in m³

2013 Raw Influent Flows				
Month	Total	Minimum	Mean	Maximum
January	20621.70	441.70	665.22	1507.70
February	14665.00	427.30	523.75	699.30
March	25618.40	442.60	826.40	1856.40
April	20775.10	506.80	692.50	1656.90
May	12420.90	309.50	400.67	477.10
June	17417.20	393.50	580.57	960.90
July	12691.00	325.50	409.39	618.90
August	12332.20	323.10	397.81	582.50
September	10331.40	282.90	344.38	462.00
October	11859.80	302.90	382.57	492.90
November	15982.20	382.80	532.74	773.20
December	12832.50	330.10	413.95	499.80
Annual Total	187547.40			

Month
January
February
March
April
May
June
July
August
September
October
November
December
Annual Total

Day	2013 Raw In					
	January	February	March	April	May	June
1	480.4	699.3	630.9	725.1	458.9	393.5
2	510.5	639.4	611.4	642.6	459.3	477.5
3	507.8	614.7	573.8	554.4	477.1	460.2
4	492.8	583.6	554.4	558.7	441.5	432.6
5	441.7	558.5	521.9	565.9	436.5	422
6	486.5	492.8	499.7	531	422.1	442.8
7	503.2	655.4	463.8	551.9	403.8	609.9
8	525.3	523.9	442.6	538.3	372.2	583
9	506.2	478.6	469.7	550.5	418	526.4
10	586.2	499.2	512.9	620.8	447	588.1
11	646.8	536.7	800.3	683.8	455.9	960.9
12	794.6	540.6	1710.2	1284.9	419.4	871.1
13	1329.8	482.7	1856.4	1656.9	414.2	825.3
14	1507.7	529.5	1581.7	1255.7	388	715.1
15	1233.7	501.3	1308	1008.8	360.8	654.6
16	986.5	505.5	1074.6	884.8	394	720.6
17	901.2	487.7	959.9	695.9	381.8	723.3
18	747.4	488.6	882.5	738	382.5	687.5
19	746.5	509.1	816.3	683.9	406.8	579.6
20	656.4	427.3	730.9	633.1	386.1	551.8
21	665.5	455.0	723.2	584.8	390.7	543.4
22	530.2	507.6	706.8	555.1	366.7	535.6
23	480.2	452.4	673.7	536.1	376.9	516.6
24	526.4	439.3	701.8	546.2	381.4	510.1
25	512.9	457.3	807.6	546.6	369.9	536.3
26	492.7	445.8	836.7	553.8	375	487.6
27	475.9	530.1	833.8	542.4	309.5	475.6
28	496.2	623.1	895.7	511.6	379.5	534.6

29	486.5		911.9	526.7	370.5	516.7
30	576.7		782.8	506.8	389.4	534.9
31	787.3		742.5		385.5	
Total	20621.70	14665.00	25618.40	20775.10	12420.90	17417.20
Min	441.70	427.30	442.60	506.80	309.50	393.50
Mean	665.22	523.75	826.40	692.50	400.67	580.57
Max	1507.70	699.30	1856.40	1656.90	477.10	960.90

Day	2013 Treated					
	January	February	March	April	May	June
1	694.0	831	814	1035	700	589
2	691.00	789	765	925	716	703
3	752.00	761	726	868	638	619
4	715.00	757	711	835	658	659
5	665.00	693	636	819	653	628
6	721.00	623	705	746	611	669
7	761.00	686	651	791	615	830
8	777.00	670	625	749	600	839
9	742.00	641	696	812	640	761
10	827.00	640	746	1026	677	830
11	890.00	655	1147	981	680	1320
12	1134.00	841	2367	1735	634	1241
13	1809.00	606	2563	2248	609	1173
14	2020.00	688	2129	1730	567	1020
15	1736.00	599	1774	1372	585	939
16	1360.00	643	1453	1282	651	1031
17	1273.00	626	1291	1043	536	1106
18	1016.00	570	1218	1189	564	1227
19	1045.00	644	1193	945	591	822
20	941.00	581	1023	923	568	795
21	946.00	563	1027	853	544	759
22	788.00	598	1004	805	557	780
23	681.00	567	969	813	589	760
24	809.00	554	978	808	495	706
25	718.00	547	1107	794	525	811
26	718.00	620	1210	807	537	727
27	705.00	691	1162	794	450	742
28	737.00	831	1261	766	520	728
29	722.00		1275	758	558	745
30	796.00		1071	718	600	775
31	943.00		1063		527	
Total	29132.00	18515	35360	29970	18395	25334.00
Min	665.00	547	69906.00	718.00	450.00	589.00
Mean	939.74	661.25	1140.65	999.00	593.39	844.47
Max	2020.00	841	2563.00	2248.00	716.00	1320.00

MUMPS (Megalitres)

Total	29.132	18.515	35.360	29.970	18.395	25.334
Mean	0.940	0.661	1.141	0.999	0.593	0.844
Max	2.020	0.841	2.563	2.248	0.716	1.320

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2013 Treated Effluent Flows			
Total	Minimum	Mean	Maximum
29132.00	665.00	939.74	2020.00
18515.00	547.00	661.25	841.00
35360.00	69906.00	1140.65	2563.00
29970.00	718.00	999.00	2248.00
18395.00	450.00	593.39	716.00
25334.00	589.00	844.47	1320.00
19136.00	479.00	617.29	892.00
17960.00	489.00	579.35	888.00
14944.00	406.00	498.13	669.00
17447.00	409.00	562.81	703.00
23158.00	557.00	771.93	1145.00
18243.00	109.00	588.48	771.00
267594.00			

Effluent Flows					
July	August	September	October	November	December
618.9	407.9	335.9	330.6	773.2	452.1
527.7	406	413.7	302.9	758.1	452.6
423.1	406.4	333.5	313.2	694.7	460.1
457.8	434.8	339.8	360.7	693.5	436.8
459.7	483.9	325.1	359.8	580.2	485.5
441.6	385.8	321.9	405.6	581.5	476.6
437.9	345.3	346	410.1	630.6	462.9
444.1	582.5	325.3	377.5	597.2	461.5
401	514.1	329.4	321.9	576.3	463.4
369.8	494.8	341.2	362	552.4	434.0
386.7	472.8	285.4	366	595.9	431.3
397.1	419.3	339.8	373.8	559.9	428.0
370.7	400.7	326.4	388.9	549.6	399.5
353.1	366.3	329.2	407.1	514.9	396.0
359	370.8	351.9	348.2	517.1	388.8
358.5	363.2	325.2	320.8	482.1	381.3
325.5	369.3	303.4	370.9	544.7	433.0
356.2	354.6	282.9	409.2	528.7	455.9
421.6	358.2	305.2	418.9	470.5	499.8
471.1	361.6	320.5	410	401.7	455.5
461.6	378	447.8	400.2	451.2	347.8
452.1	391.9	462	400.6	459.4	357.0
396.5	391.2	406.9	363.1	450.6	396.5
334.2	338.5	373.2	391.1	431.2	366.5
373.4	356.7	319.8	388.1	431.1	330.2
369.3	379.7	344.4	440.5	439.4	369.1
396.1	363.9	344	432.2	406.4	358.2
390.3	323.1	349.4	425	382.8	365.1

400.5	359.7	343.3	400.7	450.3	376.8
391.9	373.1	358.9	367.3	477	330.1
344	378.1		492.9		380.6
12691.00	12332.20	10331.40	11859.80	15982.20	12832.50
325.50	323.10	282.90	302.90	382.80	330.10
409.39	397.81	344.38	382.57	532.74	413.95
618.90	582.50	462.00	492.90	773.20	499.80

Effluent Flows

July	August	September	October	November	December
892	589	498	523	1145	656
725	562	596	423	1083	649
680	601	442	409	985	641
756	591	542	521	969	771
701	613	467	526	817	720
652	558	469	604	993	685
661	489	511	622	871	669
607	888	476	581	837	669
629	717	443	656	824	669
601	712	518	531	796	633
505	651	426	509	856	617
576	622	496	557	821	605
548	724	425	591	829	590
531	517	477	602	742	579
520	515	523	517	722	582
593	538	422	455	716	477
479	554	406	535	801	702
739	527	429	625	731	660
600	508	445	610	711	713
666	557	525	600	557	687
615	549	669	552	636	516
647	586	669	583	674	531
724	614	537	497	645	548
537	515	566	559	633	495
559	553	488	568	606	486
563	534	474	650	604	559
583	493	467	627	604	541
556	512	515	577	591	555
577	514	505.0	616	681	109
617	505	518.0	518	678	260
497	552		703		669
19136.00	17960.00	14944.00	17447.00	23158.00	18243.00
479.00	489.00	406.00	409.00	557.00	109.00
617.29	579.35	498.13	562.81	771.93	588.48
892.00	888.00	669.00	703.00	1145.00	771.00

19.136	17.960	14.944	17.447	23.158	18.243
0.617	0.579	0.498	0.563	0.772	0.588
0.892	0.888	0.669	0.703	1.145	0.771

Annual Summary
187547.40
282.90
513.83
1856.40

Annual Summary
267594.00
109.00
733.13
2563.00

267.594