

Waikato District Council Wastewater Treatment Monitoring Results

Site **Meremere WWTP**
 Consent number **105031**
 Report Period **Jul 2008**

Discharge Limit Transgression		
Minor transgression		
Suspect/Missing Sample		

1 Discharge Quality limits - Monthly tests post UV

<i>Parameter</i>	<i>Unit</i>	<i>Consent value</i> <i>Median (from 10)</i>	<i>Consent value</i> <i>90 Percentile</i>	<i>Micro</i> <i>counter #</i>	<i>Inorganic</i> <i>counter #</i>
TKN	g/cum	12	15		
Ammonia NH4-N (median from 10)	g/cum	8	10		
Total P	g/cum	5	7		
BOD	g/cum	15	20		
SS	g/cum	20	30		
EC	MPN/100ml	630	3500		
FC	MPN/100ml	900	5000		

2 Discharge Volume Limits

<i>Flow</i>	<i>24hr Consent Limit</i>	<i>Average Dry Weather Limit</i>	Measured data from on site flowmeter			
			<i>Date</i>	<i>MagFlow Meter Out</i>	<i>Flow for Period</i>	<i>Days for period</i>
cum/day	480	160				
<i>Date</i>	<i>Recorded Discharge Flow</i>					
min		Estimated Flows				
average						
maximum						
total						

Discharge consent 22:00 pm to 05:00 am			
Date	Pump1 Start Time	Date	Pump 1 Stop Time
	Time on		Time off
1-Jul-07	4:37:36 a.m.	1-Jul-07	5:22:36 a.m.
1-Jul-07	10:22:44 p.m.	2-Jul-07	4:37:47 a.m.
2-Jul-07	10:22:55 p.m.	3-Jul-07	5:23:14 a.m.
3-Jul-07	10:23:06 p.m.	4-Jul-07	5:23:09 a.m.
4-Jul-07	10:23:16 p.m.	5-Jul-07	5:23:20 a.m.
5-Jul-07	10:23:27 p.m.	6-Jul-07	5:23:31 a.m.
6-Jul-07	10:23:51 p.m.	7-Jul-07	5:23:53 a.m.
7-Jul-07	10:23:50 p.m.	8-Jul-07	5:23:53 a.m.
8-Jul-07	10:24:12 p.m.	9-Jul-07	5:24:06 a.m.
9-Jul-07	10:39:05 a.m.	9-Jul-07	10:55:11 a.m.
9-Jul-07	10:24:19 p.m.	10-Jul-07	5:24:22 a.m.
10-Jul-07	8:56:21 a.m.	10-Jul-07	2:26:09 p.m.
10-Jul-07	2:26:38 p.m.	11-Jul-07	5:10:04 a.m.
11-Jul-07	9:01:15 a.m.	11-Jul-07	7:33:06 p.m.

12-Jul-07	10:10:35 p.m.	13-Jul-07	3:09:47 a.m.
13-Jul-07	3:54:48 a.m.	13-Jul-07	5:09:49 a.m.
13-Jul-07	10:09:57 p.m.	14-Jul-07	2:24:58 a.m.
14-Jul-07	3:24:58 a.m.	14-Jul-07	5:10:11 a.m.
14-Jul-07	10:10:07 p.m.	15-Jul-07	1:40:08 a.m.
15-Jul-07	2:40:09 a.m.	15-Jul-07	4:10:22 a.m.
15-Jul-07	10:10:17 p.m.	16-Jul-07	1:25:30 a.m.
16-Jul-07	2:25:20 a.m.	16-Jul-07	3:40:32 a.m.
16-Jul-07	4:55:32 a.m.	16-Jul-07	5:10:21 a.m.
16-Jul-07	10:10:28 p.m.	17-Jul-07	1:25:41 a.m.
17-Jul-07	2:25:42 a.m.	17-Jul-07	3:55:46 a.m.
17-Jul-07	4:55:40 a.m.	17-Jul-07	5:10:31 a.m.
17-Jul-07	10:40:34 a.m.	17-Jul-07	10:51:23 a.m.
17-Jul-07	3:40:36 p.m.	17-Jul-07	4:10:58 p.m.
17-Jul-07	4:25:37 p.m.	17-Jul-07	4:40:37 p.m.
17-Jul-07	10:10:38 p.m.	18-Jul-07	1:25:44 a.m.

Date	Pump2 Start Time	Date	Pump 2 Stop Time	Cause of Transgression
	Time on		Time off	

Issues with time settings in PLC being corrupted

5-Jul-07	10:23:27 p.m.	6-Jul-07	5:23:31 a.m.
6-Jul-07	10:23:51 p.m.	7-Jul-07	5:23:53 a.m.
7-Jul-07	10:23:50 p.m.	8-Jul-07	5:23:53 a.m.
8-Jul-07	10:24:12 p.m.	9-Jul-07	5:24:06 a.m.
9-Jul-07	10:39:05 a.m.	9-Jul-07	10:55:11 a.m.
9-Jul-07	10:24:19 p.m.	10-Jul-07	5:24:22 a.m.
10-Jul-07	8:56:21 a.m.	10-Jul-07	2:17:59 p.m.
10-Jul-07	2:24:18 p.m.	10-Jul-07	2:32:09 p.m.
10-Jul-07	2:39:20 p.m.	11-Jul-07	5:10:04 a.m.
11-Jul-07	9:01:15 a.m.	12-Jul-07	12:39:35 a.m.
12-Jul-07	1:24:36 a.m.	12-Jul-07	6:24:39 a.m.
12-Jul-07	7:24:39 a.m.	12-Jul-07	10:30:28 a.m.
12-Jul-07	10:10:35 p.m.	13-Jul-07	3:09:47 a.m.
13-Jul-07	10:09:57 p.m.	14-Jul-07	2:24:58 a.m.

14-Jul-07	10:10:07 p.m.	15-Jul-07	1:40:08 a.m.
15-Jul-07	10:10:17 p.m.	16-Jul-07	1:25:30 a.m.
16-Jul-07	10:10:28 p.m.	17-Jul-07	1:25:41 a.m.
17-Jul-07	10:40:34 a.m.	17-Jul-07	10:51:23 a.m.
17-Jul-07	3:40:36 p.m.	17-Jul-07	4:10:58 p.m.
17-Jul-07	4:25:37 p.m.	17-Jul-07	4:40:37 p.m.
17-Jul-07	10:10:38 p.m.	18-Jul-07	1:25:44 a.m.
18-Jul-07	2:25:53 a.m.	18-Jul-07	3:56:02 a.m.
18-Jul-07	4:56:06 a.m.	18-Jul-07	5:10:56 a.m.
18-Jul-07	10:10:50 p.m.	19-Jul-07	2:41:03 a.m.
19-Jul-07	3:56:04 a.m.	19-Jul-07	5:11:04 a.m.
19-Jul-07	10:11:12 p.m.	20-Jul-07	2:11:15 a.m.
20-Jul-07	3:41:03 a.m.	20-Jul-07	4:56:04 a.m.
20-Jul-07	10:11:24 p.m.	21-Jul-07	1:56:14 a.m.
21-Jul-07	3:41:14 a.m.	21-Jul-07	4:41:26 a.m.
21-Jul-07	10:11:23 p.m.	22-Jul-07	1:56:36 a.m.
22-Jul-07	3:41:33 a.m.	22-Jul-07	4:41:31 a.m.
22-Jul-07	10:11:45 p.m.	23-Jul-07	1:56:35 a.m.
23-Jul-07	3:41:47 a.m.	23-Jul-07	4:41:48 a.m.
23-Jul-07	10:11:56 p.m.	24-Jul-07	1:56:59 a.m.
24-Jul-07	3:41:58 a.m.	24-Jul-07	4:57:02 a.m.
24-Jul-07	10:12:07 p.m.	25-Jul-07	1:27:08 a.m.
25-Jul-07	3:42:09 a.m.	25-Jul-07	4:42:26 a.m.
25-Jul-07	10:12:06 p.m.	26-Jul-07	1:27:19 a.m.
26-Jul-07	3:42:19 a.m.	26-Jul-07	4:57:10 a.m.
26-Jul-07	10:12:16 p.m.	27-Jul-07	1:12:18 a.m.
27-Jul-07	3:57:22 a.m.	27-Jul-07	4:57:31 a.m.
27-Jul-07	9:57:39 p.m.	28-Jul-07	12:57:29 a.m.
28-Jul-07	4:42:42 a.m.	28-Jul-07	5:12:30 a.m.
28-Jul-07	9:57:38 p.m.	29-Jul-07	12:57:51 a.m.
29-Jul-07	9:58:01 p.m.	30-Jul-07	4:57:58 a.m.
30-Jul-07	9:58:12 p.m.	31-Jul-07	4:58:03 a.m.
31-Jul-07	9:58:34 p.m.	1-Aug-07	4:58:26 a.m.