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9th September 2005

Auckland Regional Council
Private Bag 92 012
Auckland.

Attention: Naveen Kumar, Water Resources Section

Re: Three Kings Quarry De-watering Consent 12977

Dear Naveen

As required by Conditions 6 and 7 of the above resource consent, please find enclosed records of water meter readings and groundwater level measurements for the period of 1 June to 31 August 2005. Please note that pumping of groundwater recommenced on the 11th July following the pump being replaced.

I trust all is in order. Please contact the undersigned if any further information or clarification is required.

Yours faithfully
for **Winstone Aggregates**



Michael Harris
Engineering Geologist.

THREE KINGS QUARRY
RESOURCE CONSENT 12977
QUARTERLY REPORT

September 2005

QUARTERLY REPORT
THREE KING QUARRY – RESOURCE CONSENT 12977

The following report is made with regard to Conditions 6 and 7 of Resource Consent 12977.

This report contains water meter readings which record the quantity of groundwater being taken and groundwater levels within boreholes surrounding the take point.

A plan showing the location of boreholes in which groundwater levels were measured is attached.

This report contains records for the period of the 1st June 2005 to 31st August 2005.

THREE KINGS GROUNDWATER LEVEL RECORD SHEET

Date	BH 1B	BH 2B	BH 5B	BH 6A	BH 6B	BH 6C	BH 7	BH 10a								
14-Jun-05	11.82	35.88	2.79	35.18	42.92	35.34	34.28	44.51	38.62	40.17	42.47	36.32	28.62	39.99	29.83	50.93
20-Jul-05	10.81	36.89	1.81	36.16	41.86	36.40	34.29	44.50	37.88	40.91	41.48	37.31	27.39	41.22	29.82	50.94
17-Aug-05	12.01	35.69	3.01	34.96	43.06	35.20	33.43	45.36	38.26	40.53	42.29	36.50	28.28	40.33	29.70	51.06

Date	BH 10b	BH 11b	BH 12a	BH 12b	BH 13a	BH 13c	BH 16	BH 17								
14-Jun-05	8.12	72.64	7.61	72.38	21.95	50.28	5.15	66.98	17.36	54.81	7.15	66.26	49.56	50.58	42.64	35.24
20-Jul-05	8.11	72.65	7.57	72.42	21.40	50.83	5.01	67.12	7.85	64.32	7.15	66.26	49.20	50.94	41.59	36.29
17-Aug-05	8.11	72.65	7.60	72.39	21.20	51.03	5.13	67.00	9.20	62.97	7.20	66.21	48.78	51.36	42.80	35.08

Date	BH 18A	BH 18B	BH 19A	BH 19B	BH 20	BH 20a	BH 21	BH 22								
14-Jun-05	48.69	35.81	39.82	44.68	44.82	35.23	41.05	39.00	2.04	54.62	6.67	50.07	36.32	35.99	33.99	41.25
20-Jul-05	47.6	36.90	40.01	44.49	43.70	36.35	41.05	39.00	1.73	54.93	5.49	51.25	35.18	37.13	33.99	41.25
17-Aug-05	47.83	36.67	39.08	45.42	44.84	35.21	41.11	38.94			5.19	51.55	35.61	36.70	33.98	41.26

Date	BH 22a	BH 23	BH 23a	BH 24	BH 24a	BH 25	BH 25a	BH 25b1								
14-Jun-05	11.14	64.00	6.05	51.15	64.00	50.94	7.37	55.43	0.60	62.16	22.12	37.33	11.17	48.27	9.22	48.11
20-Jul-05	10.25	64.89	5.94	51.26	63.9	50.95	7.14	55.66	0.73	62.03	21.37	38.08	10.32	49.12	9.95	48.84
17-Aug-05	10.17	64.97	5.96	51.24	63.7	50.97	6.95	55.65	0.75	62.01	21.34	38.11	9.93	49.51	10.36	49.25

Date	BH25b2	BH 26	BH 26a	BH 27	BH 28a	BH 28b	BH 29	BH 30								
14-Jun-05	7.29	50.68	0.65	58.79	5.30	54.11	0.3	49.30	5.73	50.38	3.08	52.13	9.35	57.25	16.51	54.74
20-Jul-05	8.35	51.74	0.74	58.70	5.14	54.27	0	49.60	6.18	50.83	4.22	53.27	9.00	57.60	16.80	55.03
17-Aug-05	8.66	52.05	0.85	58.59	5.23	54.18	0	49.60	6.21	50.86	4.01	53.06	8.99	57.61	16.86	55.09

Date	BH31a	BH31b	BH32	BH33	BH34	BH35a	BH35b	BH36a								
14-Jun-05	14.66	48.25	12.3	49.59	4.78	53.88	3.84	56.43	9.89	48.86	15.73	50.53	11.60	54.66	7.92	58.61
20-Jul-05	14.95	48.54	12.59	49.88	3.78	54.88	3.36	56.89	8.89	49.86	15.53	50.73	11.31	54.95	7.75	58.78
17-Aug-05	15.10	48.69	12.71	50.00	3.98	54.68	3.2	57.07	8.71	50.04	15.47	50.79	11.19	55.07	7.72	58.81

Date	BH36b	BH37a	BH37b	BH38a	BH38b	BH39a	BH39b	BH40a								
14-Jun-05	7.92	58.61	3.66	53.88	3.92	53.68	4.43	54.05	4.94	53.53	7.00	54.98	5.29	56.84	9.87	61.45
20-Jul-05	7.62	58.91	3.64	53.90	3.80	53.80	4.34	54.14	4.85	53.62	6.79	55.20	5.22	56.91	9.74	61.58
17-Aug-05	7.60	58.93	3.6	53.94	3.75	53.85	4.28	54.20	4.91	53.56	6.92	55.07	5.12	57.01	9.68	61.64

Date	BH40b
14-Jun-05	7.88
20-Jul-05	7.87
17-Aug-05	7.73

Locations of boreholes are marked on the attached plan

Waterlevels within standpipe piezometers are expressed as depth below surface levels (first column) and as elevations above sealevel (second column).

Waterlevels within pneumatic piezometers are expressed as head of water above piezometer tip (first column) and as elevations above sealevel (second column).

Water Use Record Sheet

Permit Holder: Winstone Aggregates

Permit Number: 12977

Meter Readings

Metro Bore
 1st June 2005: 9239852
 1st June 2005: 9239852

Annual Use: 252584
 Quarterly Water Use: 252584

Date	Metro Bore
1/06/2005	9239852
2/06/2005	9239852
3/06/2005	9239852
4/06/2005	9239852
5/06/2005	
6/06/2005	9239852
7/06/2005	9239852
8/06/2005	9239852
9/06/2005	9239852
10/06/2005	9239852
11/06/2005	9239852
12/06/2005	
13/06/2005	9239852
14/06/2005	9239852
15/06/2005	9239852
16/06/2005	9239852
17/06/2005	9239852
18/06/2005	9239852
19/06/2005	
20/06/2005	9239852
21/06/2005	9239852
22/06/2005	9239852
23/06/2005	9239852
24/06/2005	9239852
25/06/2005	9239852
26/06/2005	
27/06/2005	9239852
28/06/2005	9239852
29/06/2005	9239852
30/06/2005	9239852

Date	Metro Bore
1/07/2005	9239852
2/07/2005	9239852
3/07/2005	
4/07/2005	9239852
5/07/2005	9239852
6/07/2005	9239852
7/07/2005	9239852
8/07/2005	9239852
9/07/2005	9239852
10/07/2005	
11/07/2005	9239852
12/07/2005	
13/07/2005	
14/07/2005	
15/07/2005	
16/07/2005	
17/07/2005	
18/07/2005	9276111
19/07/2005	9281431
20/07/2005	9286901
21/07/2005	9292032
22/07/2005	9297390
23/07/2005	9302747
24/07/2005	
25/07/2005	9313461
26/07/2005	9318766
27/07/2005	9323905
28/07/2005	9329252
29/07/2005	9334576
30/07/2005	9339883
31/07/2005	

Date	Metro Bore
1/08/2005	9350442
2/08/2005	9355787
3/08/2005	9361094
4/08/2005	9366401
5/08/2005	9371681
6/08/2005	9376988
7/08/2005	
8/08/2005	9387557
9/08/2005	9392742
10/08/2005	9397649
11/08/2005	9402600
12/08/2005	9407603
13/08/2005	9412910
14/08/2005	
15/08/2005	9422481
16/08/2005	9427464
17/08/2005	9432439
18/08/2005	9437386
19/08/2005	9442342
20/08/2005	9447313
21/08/2005	
22/08/2005	9457193
23/08/2005	9462186
24/08/2005	9467133
25/08/2005	9472084
26/08/2005	9477028
27/08/2005	9480072
28/08/2005	
29/08/2005	9486161
30/08/2005	9489354
31/08/2005	9492436