

8th March 2019

Auckland Council
Private Bag 92300
Auckland 1142

Attention: Richard Preece

**Re: Three Kings Fill – Quarterly Reporting
Permits 36221, 36222, 37770, R/LUC/2009/743**

Dear Richard

Please find enclosed information that is to be submitted quarterly to Council as required by the above mentioned permits.

This reporting period covers 1st December 2018 through to 28th February 2019. The issuing of the next quarterly report will be submitted in early June 2019 and will include the monitoring data for March to May 2019.

Truck Movements Register:

Condition 50 of the above listed consents states that no more than 375 trucks are to enter the site per day and a register is to be kept which records all truck movements to and from the site. This register is to be submitted quarterly to Council.

Enclosed are summary sheets of this register for the months December 2018, January 2019 and February 2019. As of October 2018 the truck movements associated with the Southern Reserve Land (SRL) remediation works have been included in the attached register.

It is noted that each day of the reporting period complies with the 375 limit.

Earthworks – Monitoring:

Condition 75 requires the groundwater pumped from the site to be sampled and tested for suspended solids and turbidity. The frequency of this monitoring is quarterly for the first two years and then every six months for the remainder of the consent. The site is now sampling at six month intervals.

Over this reporting period a round of monitoring was not required. The next round of sampling is to be completed in March 2019.

Incidents and Complaints Register:

Condition 42 requires the implementation of a Traffic Management Plan. Section 4.0 of this plan details the site's Incidents and Complaints Procedure and reporting requirements. The reporting requirement is that a summary of the incident and complaints will be submitted quarterly to Council.

A copy of the Incidents and Complaints Register for the period December 2018 to February 2019 is enclosed.

Should you have any queries please do not hesitate to contact me on 027 504 3624 or at angela.klein@winstoneaggregates.co.nz.

Yours faithfully

A handwritten signature in black ink that reads "AKlein". The signature is written in a cursive, slightly slanted style.

Angela Klein
Environmental Fill Specialist



Three Kings Quarry

Truck Movements

1 December 2018 – 28 February 2019

Truck Movements - December 2018

Day	# of 4 Wheeler Fill Trucks	# of 6 Wheeler Fill Trucks	# of 8 Wheeler Fill Trucks	# of Articulated Fill Trucks	# of Truck and Trailer Fill Trucks	Total # of Fill Truck	SRL Trucks	Total Trucks to Enter Site
1/12/2018	0	0	8	0	0	8	0	8
2/12/2018								
3/12/2018	0	0	8	0	0	8	5	13
4/12/2018	0	0	0	2	0	2	5	7
5/12/2018	0	2	4	9	15	30	0	30
6/12/2018	0	1	4	19	18	42	11	53
7/12/2018	0	0	8	37	19	64	12	76
8/12/2018	0	3	6	2	0	11	10	21
9/12/2018								
10/12/2018	0	0	0	40	46	86	11	97
11/12/2018	0	0	7	29	37	73	6	79
12/12/2018	0	0	4	4	19	27	0	27
13/12/2018	0	0	0	0	0	0	0	0
14/12/2018	0	5	11	0	0	16	6	22
15/12/2018	0	15	8	0	0	23	5	28
16/12/2018								
17/12/2018	0	33	14	3	0	50	9	59
18/12/2018	0	2	5	31	0	38	9	47
19/12/2018	0	0	0	9	10	19	9	28
20/12/2018	0	0	1	1	0	2	17	19
21/12/2018	0	0	0	0	0	0	11	11
22/12/2018								
23/12/2018								
24/12/2018								
25/12/2018								
26/12/2018								
27/12/2018								
28/12/2018								
29/12/2018								
30/12/2018								
31/12/2018								

Site closed.

Daily Average =

35

Truck Movements - January 2019

Day	# of 4 Wheeler Fill Trucks	# of 6 Wheeler Fill Trucks	# of 8 Wheeler Fill Trucks	# of Articulated Fill Trucks	# of Truck and Trailer Fill Trucks	Total # of Fill Truck	SRL Trucks	Total Trucks to Enter Site
1/01/2019								
2/01/2019								
3/01/2019								
4/01/2019								
5/01/2019								
6/01/2019								
7/01/2019	0	0	0	0	0	0	0	0
8/01/2019	0	0	0	8	12	20	0	20
9/01/2019	3	0	13	73	15	104	0	104
10/01/2019	1	0	11	51	25	88	0	88
11/01/2019	2	11	24	34	16	87	0	87
12/01/2019	0	10	8	24	0	42	0	42
13/01/2019								
14/01/2019	0	0	6	0	3	9	0	9
15/01/2019	0	1	2	37	23	63	0	63
16/01/2019	0	0	1	36	16	53	0	53
17/01/2019	2	0	0	25	11	38	2	40
18/01/2019	2	1	12	33	16	64	4	68
19/01/2019	0	0	12	26	25	63	0	63
20/01/2019								
21/01/2019	1	3	3	37	33	77	1	78
22/01/2019	0	2	4	2	51	59	3	62
23/01/2019	0	0	0	0	9	9	6	15
24/01/2019	0	0	0	13	4	17	9	26
25/01/2019	0	20	0	0	4	24	10	34
26/01/2019	0	13	0	0	0	13	0	13
27/01/2019								
28/01/2019								
29/01/2019	0	13	0	12	0	25	10	35
30/01/2019	0	0	0	23	4	27	11	38
31/01/2019	0	0	0	37	36	73	15	88

Site closed.

Daily Average = 49

Truck Movements - February 2019

Day	# of 4 Wheeler Fill Trucks	# of 6 Wheeler Fill Trucks	# of 8 Wheeler Fill Trucks	# of Articulated Fill Trucks	# of Truck and Trailer Fill Trucks	Total # of Fill Truck	SRL Trucks	Total Trucks to Enter Site
1/02/2019	0	0	0	28	21	49	11	60
2/02/2019	0	11	3	0	0	14	0	14
3/02/2019								
4/02/2019	0	0	1	28	16	45	0	45
5/02/2019	0	17	6	58	18	99	0	99
6/02/2019								
7/02/2019	0	32	2	55	23	112	0	112
8/02/2019	0	14	0	23	0	37	0	37
9/02/2019	0	16	2	5	0	23	0	23
10/02/2019								
11/02/2019	0	21	0	0	0	21	3	24
12/02/2019	0	26	0	24	23	73	0	73
13/02/2019	0	29	1	3	5	38	3	41
14/02/2019	0	35	3	0	5	43	3	46
15/02/2019	0	13	2	0	1	16	3	19
16/02/2019	0	30	0	0	0	30	0	30
17/02/2019								
18/02/2019	0	7	0	0	4	11	3	14
19/02/2019	0	3	0	6	3	12	2	14
20/02/2019	0	21	0	12	31	64	0	64
21/02/2019	0	0	2	20	9	31	0	31
22/02/2019	0	13	1	17	18	49	0	49
23/02/2019	0	0	0	0	2	2	0	2
24/02/2019								
25/02/2019	0	2	0	10	4	16	2	18
26/02/2019	0	2	0	27	6	35	3	38
27/02/2019	0	5	0	20	24	49	0	49
28/02/2019	0	16	0	15	26	57	9	66

Site closed.

Daily Average = 42



Three Kings Quarry

Incident and Complaints

1 December 2018 – 28 February 2019

Environmental Incident and Complaints Register: 1st Dec 2018 – 28th Feb 2019

Ref #	Date	Summary of Issue	Summary of Action
115	22/01/2019	Complaint received regarding siren alarm on security camera in Southern Reserve Land (SRL) going off at night.	Technician came to site on 24/01/2019 and removed the siren alarm from the camera. Complainant contacted by Fletcher Residential to confirm these works were completed.
116	24/01/2019	During routine 3-monthly calibration by Envco Global technician, the pH sensor would not calibrate causing the system to lock. EC & pH data from 8/01/2019 onwards could not be recovered.	The pH sensor was removed and sent to Xylem Australia (manufacturer) to check possibility of a repair or replacement. During this time water samples are being collected at the pumping bore and sent to Hill Laboratories Ltd for pH & EC analysis.
117	11/02/2019	Resident observed moth plant growing in section of North-Western site boundary and requested they be removed by the weed management contractor.	Weed management contractor contacted to action. Moth plant removed 27/02/2019.