

Further information as per request under Section 92 of the Resource Management Act

Further information in response to an email dated 8 April 2019, from Marcus Langman, Reporting Officer, for the Kaikoura District Council. Email comments in italic. The applicant's response is below each point.

1. *On 28th August 2018, a request for further information was made:*

- *Written approvals sought and gained as part of the consultation referred to above. The previous written approvals provided as part of **Application 08052 should serve as a guide for the minimum affected parties**, but this will also need to be further considered as part of the noise assessment.*

I have attached the 2008 officer's report. At present, this is not satisfied. In addition, the signatories to the existing plans have not properly signed all of the plans and AEEs (as required on the written approval form). There is a significant amount of information contained in the AEE and further information which forms the scope of the operations, including traffic movements, timing and so on.

I also requested whether any other consultation had taken place. Please advise if any other parties have been approached and their views arising from that consultation. This is a requirement of Schedule 4 RMA. If no other parties have been consulted, please confirm.

The applicant has sought written approval from the adjacent neighbours. While, the immediate adjacent neighbours, 193 Red Swamp Road and 388 Mill Road, did sign the neighbours approval, this was not done to the standard required as the neighbours didn't wish to spend time initialling every page of the amended application and is subsequently disregarded by the Reporting Officer. The applicant has also spoken to the owner of Wacky Stays at 16 Kowhai Ford Road. No other consultation has occurred.

The owner is now requesting limited notification of the proposal in accordance with the provisions of Sections 95A- 95G of the Resource Management Act.

2. *I note that you have referred the operating hours for the yard in the AEE to be 5am to 7pm. This is not properly addressed in the noise report, and all of the testing (taken outside those hours) appears to not comply. I will be seeking a peer review of the noise report, but in the meantime, note the deficiency. This will result in additional reason for consent. Testing should be taking place in those early hours, which will give an accurate idea of the noise environment at that time.*

The attached noise report, Appendix 1, was undertaken to address the concerns raised in the email of 8 April 2019. The early morning noise assessments were not undertaken previously due to the plant not operating at the 5am during the period of testing.

The operating hours were extended to 5am for two reasons. One reason was to take into account the retrospective nature of the consent being sought. The other was to take into account the unpredictable nature of responding to a natural disaster.

The nature of the operations meant retrospective resource consent was being sought for the yard extension, the extended hours of operation and the other activities at the yard. This was in response to the rebuild works of State Highway One and Main North Trunk Line. The rebuild works has differing demands for concrete depending on the work undertaken. The requested extended hours were to meet that rebuild demand. For example, if the contractor requires that concrete is delivered at 6am then production must begin at 5am. The early hour is to avoid busy traffic periods on the Highway or Rail Line. This does not mean that production will occur at this time every day, but the consent authority must be mindful that these activities support the rebuild of a road and rail line of national importance.

In response to the extensive rebuild works of the State Highway One and the Main North Trunk Line, the Government enacted The Hurunui/Kaikōura Earthquakes Recovery Act 2016. Given that the extension to the concrete plant, and the additional site is in response to the rebuild of a road and rail line of national importance, it is necessary to consider Clause 14 of the Hurunui/Kaikōura Earthquakes Recovery (Coastal Route and Other Matters) Order 2016 (the Order). This Clause was never enacted by the Council, however, file notes suggest that the Planning Officer at the time considered that this Clause should apply. See file note Alex McCormack to Matt Hoggard 8 February 2018. Given this recommendation made by the Planning Officer, the retrospective nature of the consent should apply from 31 March 2018, the date in which the Order ceased to have effect.

The Rural Zone does not restrict hours of operation, other than to internalise noise effects. Given the applicant is operating within the provisions of the existing consent, consent is required for:

- ***The noise effects between 5am and 6am.***

In addition, night time operations may be required in response to emergency situations. To prevent the need, reapply for resource consent under Section 330A of the Resource Management Act, the applicant seeks consent:

- ***To operate up to 3 nights per month in the event of an emergency situation such as an earthquake or storm event as required by Kaikoura District Council's, NZTA or KiwiRail's lead contractor to remove the cause of, or mitigate any actual or likely adverse effect of, the emergency.***

3. *In addition, a traffic engineering report was requested regarding the impact of the additional traffic movements on safety. The response from Mr Gareth Husband is not sufficient to fulfil this request, and does not appear to be an independent expert report.*

A traffic report is not considered necessary to make an assessment of the activity. A traffic observation was made as part of the noise report. However, given the information provided about the Haul Route and compliance with standards of the Acting Rounding Authority for the Kaikoura District Council, it is unclear what value a traffic assessment would provide. On this basis, the applicant has not provided a traffic assessment.

The Kaikoura District Plan has specific provisions for High Traffic Generating Activities and are outlined in Chapter 12 of the Kaikoura District Plan. The plan restricts the consent authority to consider:

- i. effects on traffic, pedestrian and cyclist safety
- ii. effects of vehicle movements on amenity values of any residential units
- iii. effects of vehicle movements on any surrounding land uses
- iv. efficiency of roads and state highways

The activity is operating under the rounding authority requirements to use the NCTIR Haul Route see <https://www.kaikoura.govt.nz/our-services/rebuild-programme/>. The Haul Route has been designed

to manage the effects of heavy vehicles as part of the rebuild on community activities and to ensure the efficiency of the local road network. The existing concrete plant is consented for a high traffic generating activity, and effects of additional vehicle movements are minimised through use of the NCTIR Haul Road as required by the Roading Authority see <https://www.nzta.govt.nz/projects/kaikoura-earthquake-response/>.

4. *At present, given the above matters, I am minded to recommend notification on the basis of adverse noise, traffic and amenity effects.*

Given the information provided and the existing consented environment, the applicant does not believe there is a basis for full notification. The noise condition from the current resource consent for the existing Harmac activities states:

4. All equipment on site shall be operated so as to comply with the following noise standards measured within 20m of any residential unit in which affected party approval has not been obtained:

50dBA L_{eq} 0700 – 2200 Mon- Sat

40dBA L_{eq} all other times

70 dBA L_{max} any time

Figure 1: Condition for noise 2008 consent 08052. Source Decision on Consent 08052 dated 2 September 2008

Affected party approval was provided from the properties shown in Figure 2 for the existing (2008) resource consent, to operate the concrete batching plant. The condition above states that that noise standard should only be measured from (within 20m) of those properties who didn't give neighbours approval to the 2008 consent.

The noise assessment indicates that that the majority of the noise comes from the concrete batching plant activities. The noise from the balance of the site did not exceed the noise from the concrete batching plant. The concrete batching plant forms part of the existing environment and cannot be taken into account when forming an opinion on this application. Figure 3 shows those properties that have previously consented to the activity. Figure 3 indicates that those neighbours have already consented to noise from the concrete batching plant effects, and noise from the current concrete batching plant forms part of the existing environment. On this basis, the existing environment should be considered when making an assessment on noise effects. Given the threshold for notification under Section 95D and 95E of the Resource Management Act is effects being more than minor, it is necessary to take into account the noise report to make a determination on noise. That is, assessing the noise that is above that allowed from consented activities which form the existing environment.

The noise report shows that within the consented hours of operation, the noise generated by the existing concrete batching plant operations do not breach the noise condition of the existing resource consent, see Figure 1 and the attached noise report. The existing consent allows for operating hours from 6am to 6pm for the concrete batching plant. On this basis, the any effects of noise from the plant starting at 5am as opposed to 6am need to be considered. The noise standard in the Kaikoura District Plan states:

All activities shall be conducted so that the following noise limits are not exceeded during any time period for assessment within the following time frames:

- Monday to Saturday 7am to 11pm 50dBA L_{eq}

- At all other times 40dBA Leq
- On any day between 11pm and 7am the following day 70dBA Lmax

For the purpose of this rule, the measurement and assessment position shall be at any point within any other site in the Rural Zone, or at any point within any residential site within the Settlement Zone, or at any point with the Residential Zone.

The noise report outlines that the noise during batching operations is approximately 44-46.7 dBA Leq at Red Swamp Road. It can be considered that the effects of noise from the earlier starting time on the following properties may be more than minor:

- 193 Red Swamp Road
- 208 Red Swamp Road
- 209 Red Swamp Road
- 16 Kowhai Ford Road

For the avoidance of doubt, it is now considered that ongoing 24 hour operations are retrospective and the demand has not required operations during the night for some time. The applicant wishes to retain the right to operate through the night in emergency situations, eg, sea wall repairs during the road rebuild and the immediate repairs after Cyclone Gita. Restricting the operation time through restrictive resource consent conditions would mean the applicant needs to obtain retrospective consent after each event, this is would be overly restrictive for the applicant.

- K S Mackle Kowhai Ford Road
- DR Wright –Kowhai Ford Road
- RR & RE Goodman
- PT & NA Garbes – 193 Kowhai Ford Road
- L a& N Burtenshaw(occupier) – 193 Red Swamp Road
- A J and A Collins –Kowhai Ford Road
- C Mackle –Red Swamp Road
- D & W Smith -208 Red Swamp Road
- R Ross -209 Red Swamp Road
- L Barrett and K Cole- Kowhai Ford Rd

Figure 2: List of properties providing neighbours approval for the 2008 consent 08052. Source Officers' Report dated 28 August 2008

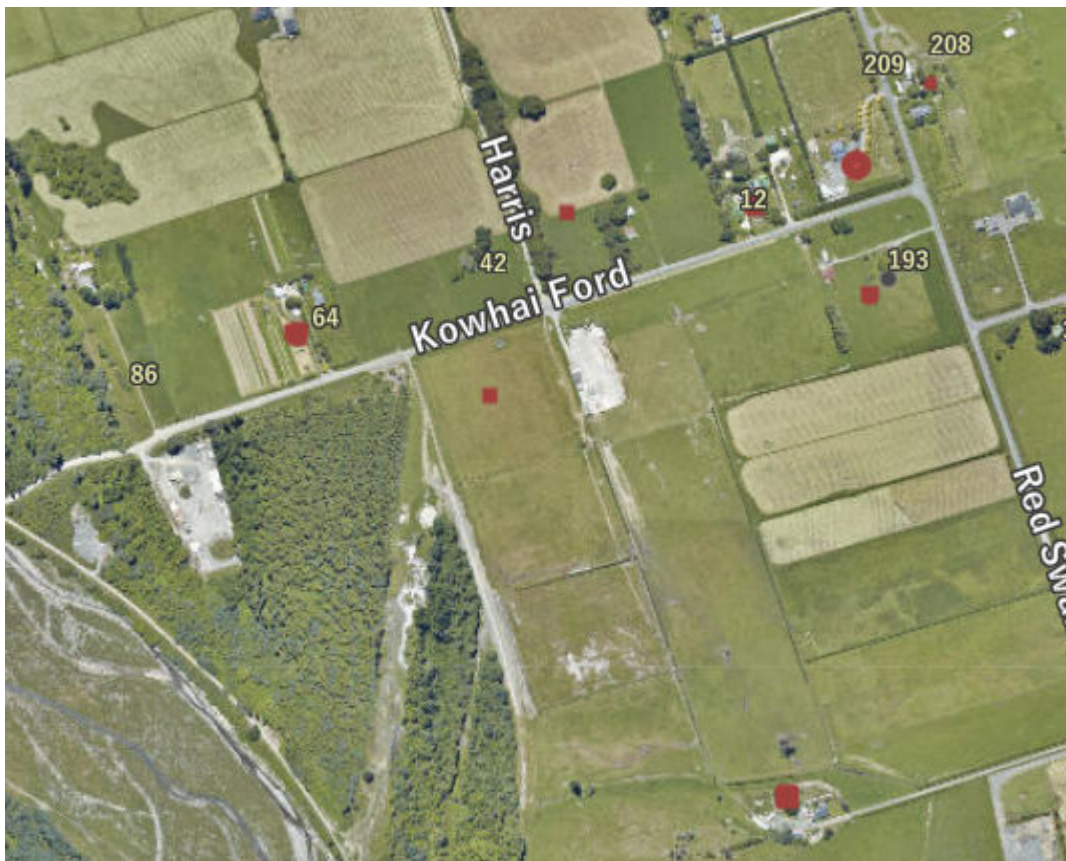


Figure 3: Properties previously consented to Concrete Batching Plant Activities shown as red dots

The other matters raised by the Reporting Officer in regard to notification is traffic and rural amenity. When looking at the Kaikoura District Plan, the activities that are permitted include Farming, Residential activities, Home Occupations, Aquaculture and Forestry. The definition of farming states that farming means the use of land and buildings for the primary purpose of the production of vegetative matter including agriculture, viticulture and horticulture and/or commercial livestock, but excludes intensive farming, aquaculture and any residential activity. Earthworks rules only relate to gravel extraction and riparian management, therefore earthworks, including bunding can be expected to be a permitted activity.

As part of an existing rural environment one could expect bunding, tree planting and industrial machinery. The amenity provided by this activity is not different from the amenity provided in some rural activities. It is not considered that the effects on rural amenity, including noise, is that which could be expected as part of the permitted and consented activities forming part of the existing environment. In addition, this activity is not a greenfield activity. This activity is an extension of an activity that already holds resource consent. This must be considered when making a determination on whether the effects of this activity are more than minor.

The threshold from the Resource Management Act states under Sections 95D(b) and 95E(2)(a) when determining the extent of the adverse effects of an activity or the effects on a person respectively, a council 'may disregard an adverse effect if a rule or national environmental standard permits an activity with that effect'. The permitted baseline, which applies to permitted activities on the subject site, removes the effects of those activities from consideration under ss95D, 95E and 104(1)(a) of the RMA. This is relevant in this case as the activity is taking place in a productive rural environment, where the bunding and existence of industrial machinery on a site can be considered part of the permitted baseline.

The receiving environment is the environment upon which a proposed activity might have effects. It is permissible to consider the consented activities that are operating in the environment upon which effects will occur. It is not unreasonable to include:

- the state of the environment as it might be modified by permitted use or the right to carry out permitted activities; in this case the existing Harmac's Yard, Downers Yard and other heavy machinery activities in the vicinity,
- the environment as it might be modified by implementing resource consents that have been granted at the time a particular application is considered, where it appears likely that those resource consents will be implemented; in the case the existing Harmac's consent and Downers consent,

On this basis, it is not considered the effects of the are likely to be more than minor nor necessary to consider full notification of the application. The applicant wishes to request limited notification of the application, whilst considering that there are consented activities operating on the site.

Summary

The applicant wishes to request limited notification of the application to extend the hours of operation of the concrete batching plant and address any effects of noise from the plant starting at 5am as opposed to 6am need to be considered.

Consent is required for

- ***The noise effects between 5am and 6am.***

In addition, night time operations may be required in response to emergency situations. To prevent the need, reapply for resource consent under Section 330A of the Resource Management Act, the applicant seeks consent

- ***To operate up to 3 nights per month in the event of an emergency situation such as an earthquake or storm event as required by Kaikoura District Council's, NZTA or KiwiRail's lead contractor to remove the cause of, or mitigate any actual or likely adverse effect of, the emergency.***

The applicant believes that the properties affected by the change in conditions are:

- 193 Red Swamp Road
- 208 Red Swamp Road
- 209 Red Swamp Road
- 16 Kowhai Ford Road

The applicant does not believe there are any other effects that are more than minor, thus any other basis for full notification of the application.

Appendix 1
Noise Report with Noise source notes

HARMAC CONCRETE LTD.
KOWHAI FORD ROAD
KAIKOURA



NOISE ASSESSMENT REPORT- APPLICATION FOR VARIATION TO CONSENT 08052

Introduction

This report provides a noise compliance assessment against the Kaikoura District Plan and existing Resource Consent (08052) for the expansion of the activities at Harmac Concrete Ltd, Kowhai Ford Road, Kaikoura. The activities include increased vehicle movements, a larger operations area and a pre-cast concrete area.

The assessments were carried out by Leia Manewell, technical independent assessor, Food and Health Standards (2006) Ltd. All assessments were carried out in accordance with *NZS 6801:2008 "Acoustics – Measurement of Environmental Sound"* and assessed in accordance with *NZS 6802:2008 "Acoustics – Environmental Noise"*.

Assessment Details and Outcomes

Technical Independent Assessor: Leia Manewell, Team Leader, Food and Health Standards Ltd.

Dates of Assessments: 14th May and 15th May 2019

Sound Level Meter

RION SOUND LEVEL METER – NL 20 – SERIAL NO. 00300102
Calibration due 23-08-19

RION SLOUND LEVEL CALIBRATOR – NC 73
Calibration due 04-09-19

SL Meter Setting Range: 20-110 dBA

1st Noise Assessment

<i>Date:</i>	14 th May 2019
<i>Weather Conditions:</i>	Calm, dusk, slight cloud cover
<i>Wind Direction:</i>	Northerly
<i>Wind Speed:</i>	2-10km/hr
<i>Precipitation:</i>	Nil
<i>Air Temperature:</i>	11°C
<i>Calibration</i>	93.8dBA

2nd Noise Assessment

<i>Date:</i>	15 th May 2019
<i>Weather Conditions:</i>	Clear, sunrise, minimal cloud cover
<i>Wind Direction:</i>	Westerlies
<i>Wind Speed:</i>	6-8km/hr
<i>Precipitation:</i>	Nil
<i>Air Temperature:</i>	6-8°C
<i>Calibration</i>	93.8dBA

Assessment Observations and Information:

Noise assessments of the concrete plant in full operation were taken across two days. Noise readings were taken from 5.35pm on Tuesday 14th May and from 6.45am on Wednesday 15th May 2019. The plant was assessed through various operations and activities that would generate the loudest noise, normal noise, and lighter activities generating less sound level pressure. The sound under investigation is the general noise emitted from the yard. The activities at each point in the assessment are detailed in Appendix 2.

The prominent noise at the both assessments was traffic noise. The assessment was skewed by the noise of the cars passing the Sound Level Meter. During the noise assessments it was estimated that 80% of all vehicles using Red Swamp Road and Kowhai Ford Roads were not related to the operations and activities at Harmac Concrete. The noise contributed significantly to the acoustic environment and influenced the sound assessments and sound levels that were measured.

For this reason, noise assessments were taken where possible when traffic was not passing. The noise readings without the traffic passing were not taken across 15-minute intervals and are indicative.

The plant could be heard at each location during the assessment hours, but the majority of the noise prior to 8.00am was road traffic noise from car/ trucks destined for other locations.

The findings revealed that the properties situated near the concrete plant on Kowhai Ford Rd and Red Swamp Rd would not experience dBA LAeq sound levels in exceedance of the District Operative Plan noise rules and current consent conditions after 7.00am. The indicative noise measurements taken without the vehicle noise show that the noise level prior to 7.00am, may be higher than the standards detailed in the operative District Plan and current consent conditions on some occasions.

Table 1 – Noise Assessments at Potentially Affected Properties

Day/Date 2018	Time	Address	Position of Sound Level Meter	Noise Source Description	Sound Level	Comments
Tuesday 14 th May 2019 - reading with cars travelling past SLM	5.35pm	16 Kowhai Ford Rd, Kaikoura	Roadside verge facing concrete plant in front of property gate	Bird song, cicadas machinery noise, distant car noise	60.6dBA Leq	Cars can be heard in the background. Prominent noise traffic noise at this time of the day
Tuesday 14 th May 2019 -readings taken longest possible time with no cars / traffic passing in front of the SLM	6.01pm	16 Kowhai Ford Rd, Kaikoura	Roadside verge facing concrete plant in front of property gate	Bird song, cicadas machinery noise, distant car noise	42.2dBA Leq	
Tuesday 14 th May 2019 - reading with cars travelling past SLM .	6.12pm	208 Red Swamp Rd, Kaikoura	Roadside verge facing concrete plant in front of property, opposite 209 Red Swamp Rd	Birdsong, rural sounds i.e., animals, farm machinery distance and motor vehicles using Red Swamp Rd	62.5dBA Leq	Apart from road traffic prominent noise is the concrete yard operation Some cicadas noise.
Tuesday 14 th May 2019 -readings taken longest possible time with no cars / traffic passing in front of the SLM	6.23pm	208 Red Swamp Rd, Kaikoura			39.4dBA Leq	

Table 2 – Noise Assessments at Potentially Affected Properties

Day/Date 2018	Time	Address	Position of Sound Level Meter	Noise Source Description	Sound Level	Comments
Site 1						
Wednesday 15 th May 2019 - reading with cars travelling past SLM	6.45am	16 Kowhai Ford Rd, Kaikoura	Roadside verge facing concrete plant in front of property gate	Bird song, cows, cicadas machinery noise, distant car noise	64.1dBA Leq	Prominent noise in the area is the traffic. Also car noise in the back ground from other surrounding roads
Wednesday 15 th May 2019 -readings taken longest possible time with no cars / traffic passing in front of the SLM	7.00am	16 Kowhai Ford Rd, Kaikoura	Roadside verge facing concrete plant in front of property gate	Bird song, cows, cicadas machinery noise, distant car noise	49.6dBA Leq	Rooster can be heard, bird song.
Wednesday 15 th May 2019 - reading with cars/trucks travelling past SLM	8.07am	16 Kowhai Ford Rd, Kaikoura			59.1dBA	With trucks leaving site at Harmacs. Prominent bird song.
Wednesday 15 th May 2019 -readings taken longest possible time with no cars / traffic passing in front of the SLM	8.10am	16 Kowhai Ford Rd, Kaikoura			44.5dBA Leq	No trucks leaving the site from Harmacs
Site 2						
Wednesday 15 th May 2019 - reading with cars travelling past SLM	7.13am	208 Red Swamp Rd, Kaikoura	Roadside verge facing concrete plant in front of property, opposite 209 Red Swamp Rd	Birdsong, rural sounds i.e., animals, farm machinery distance and motor vehicles using Red Swamp Rd	59.6dBA Leq	Prominent noise cars turning in and out of Kowhai Ford Road.

Wednesday 15 th May 2019 -readings taken longest possible time with no cars / traffic passing in front of the SLM	7.24am	208 Red Swamp Rd, Kaikoura			46.7dBA Leq	Can hear the concrete yard over the bird song and distant traffic noise
Site 3						
Wednesday 15 th May 2019 -readings taken longest possible time with no cars/ trucks	8.00am	Kaikoura Llama trekking		Rooster	44.4dBA Leq	Minimal vehicle traffic on the road after this time. Prominent noise, concrete yard, bird song and passing traffic.

Table 3 – Kaikoura District Council Operative District Plan Noise Rules for the Rural Zone.

Rural Zone 22.8.2 Noise	
Days and Times	Noise Levels
Monday to Saturday 7am to 11pm	50 dBA Leq (15 min)
At all other times	40 dBA Leq (15 min)
On any day between 11pm and 7am the following day	70 dBA Lmax

Rule 22.8.2 Noise states *‘For the purpose of this rule, the measurement and assessment position shall be at any point within any other site in the Rural Zone, or at any point within any residential site within the Settlement Zone, or at any point with the Residential Zone.’*

Table 4 – Consent 08052 noise standards

Days and Times	Noise Levels
Monday to Saturday 7am to 10pm	50 dBA Leq (15 min)
At all other times	40 dBA Leq (15 min)
On any day between 11pm and 7am the following day	70 dBA Lmax

Recommendations

An earth bunding is in place that surrounds the eastern part of this work site. It is recommended that this stay in place as it is considered a significant noise mitigator. If the operator wishes to operate before 7.00am, consent would be required.

Conclusion

The compliance assessment was undertaken for the expansion to the Harmac Concrete Ltd worksite situated at Kowhai Ford Rd near Kaikoura, with respect to the Kaikoura District Council Operative District Plan Noise Rules for the Rural Zone and the current consent conditions.

The extension of the yard area is unlikely to increase the sound pressure level from the site overall, as the activities in the new yard area are limited. The activities described to me for the use of the extended yard include predominantly, vehicle movements and storage.

I have reviewed the application to vary the resource consent and consider that the noise generated from the proposed expansion of this worksite would not contravene the relevant District Plan and consent conditions after 7.00am. The noise generated from Harmacs Concrete between 6.30am and 7.00am is minimal compared to the road traffic noise passing the potentially affected dwelling from other surrounding businesses.

Signed:



Date: 4th June 2019

Leia Manewell

Team Leader

Food and Health Standards (2006) Ltd

l.manewell@foodandhealth.co.nz

M: 027 224 6571

Appendices:

1. Location maps of assessments
2. Minute field notes


1. Location maps of assessments



2. Minute Field notes

14th May 2019 – From inside the Harmac's yard

4/5/2019



Noise Report Harmacs S-35-

5.50pm	Truck reversing + loader starting
↓	" " "
5.52pm	Loader moving gravel + Truck reversing
↓	" " "
5.54	loader scraping along concrete Truck reversing
5.55	loader scraping along ground Truck reversing
5.56	loader reversing Truck reversing
5.57	loader scrapping on concrete + gravel Truck reversing
5.58	loader reversing Truck reversing
5.59	loader moving gravel + tipping loader moving around yard Truck reversing
6.00	loader scraping + moving gravel + tipping Truck reversing
6.01	loader scraping on gravel Truck reversing
6.02	Loader moving around yard - ⊗ loader scrapping on gravel Truck reversing
6.03	loader moving around yard Truck reversing
6.04	loader moving around yard Truck reversing
6.05	loader scrapping on gravel moving gravel Truck

- / /
- 6-06 Moving gravel and tipping into bunker nth side bdy
Truck rewing
Loader scraping on concrete
- 6-07 loader tipping gravel into bunker "
Truck rewing
- 6-08 loading tipping gravel moving around yard
Truck rewing
- 6-09 loader scraping on gravel
Truck rewing
loader tipping gravel
- 6-10 loader moving around yard
Truck rewing
loader scraping on gravel
- 6-11 loader scraping on gravel
" moving thru yard
Truck rewing
- 6-12 loader moving around yard
Truck rewing
- 6-13 loader moving gravel + sand banging on bunker
Truck rewing
- 6-14 loader moving sand + around yard
Truck rewing
- 6-15 loader moving sand + tipping
Truck rewing
- 6-16 loading scraping on gravel
Truck rewing
- 6-17 loader scraping on gravel
Truck rewing
- 6-18

Time	Activity	Date
Prior 6:45	No noise audible w/ belly	15-5-19
6:45	Truck running Loader filling hopper + moving gravel	Hopper running
6:46	Truck reversing bucket ^{bowl} fill rotating Loading hopper with gravel	
6:47	Loader moving around yard Hopper filling hopper + moving around yard	Hopper running
6:49	Truck reversing	Hopper running
6:52	Loader moving around yard Hopper filling truck bowl	Hopper running
6:56	Loader filling hopper Loader bucket Hopper running	
6:55	Loader moving sand loading hopper Truck reversing w/ bowl rotating	
6:54	Truck reduces reversing continues running Loader moving around yard	
6:53	Truck moves away from Hopper backs to water source - backing warning noise Loader loading Hopper	Hopper running
7:00	Truck reversing to rev bowl Bowl rotating Loader loading hopper with sand	Hopper running
7:03	Truck running workers arriving Loader running moving around yard	
7:04	Loader stopped running Truck continues reversing w/ bowl rotating	Hopper running
7:05	Truck continues reversing w/ bowl rotating Loader not running	Hopper running
7:06	Truck leaves yard Workers arrive in precast yard	
7:09	Hopper switched off Truck Motor running Workers in yard	
7:10	Truck running Telehandler moving around yard + reverse warning	
7:12	Truck backs to hopper no warning beep Telehandler moves around yard intermittent beeping	reverse
7:14	Truck air brakes + revers to begin bowl rotating Loader starts up + reversing	
7:15	Telehandler moving around yard Truck filled from hopper	Hopper running
	Truck reversing to rotate bowl Telehandler not working	

- 7-17 Loader reverse warning beeping
Loader moving gravel into hopper
Truck reversing + bowl rotating
- 7-19 Gravel loading into hopper Sand loading
loader moving around yard
Truck reversing + bowl rotating
Dicks fly over quacking
- 7-20 Truck reversing increases - bowl rotating to mix
loader moves around yard
- 7-22 Truck reversing + bowl rotating
loader moving sand around loading hopper
Tele handler moving
- 7-24 Loader moving around yard loading hopper
Truck continues to rev bowl rotating
- 7-26 Loader moving around yard loading hopper
Truck reduces reversing bowl rotating
- 7-28 Truck reversing
loader running + picking up sand
- 7-29 Truck moves to water set fill
Loader loads hopper
- 7-30 Truck rev's to rotate bucket
loader loading hopper
- 7-32 Truck reversing + bowl rotating
loader moving to park + ceases running
- 7-34 Truck reversing + bowl rotating
mini tanker moving around pre-cast yard
- 7-35 Geotech truck moving around
concrete truck reversing + bowl mixing
- 7-55 Truck moving to water reversing + ~~trucks~~ reverse warning
Truck reversing to rotate bowl
- 7-59 Truck reversing + bowl rotating to mix
Telehandler moving around yard
- 8-01 Truck reduces reversing
Telehandler reverse warning beep
Trucks moving around yard
- 8-03 Truck reverse warning beep and air brakes
Other trucks running in yard

1/1

8:05 Trucks running - idling
Hooper running
Reverse warning beeps from telehandler

8:07 Truck leaves yard
Reverse warning beeps from telehandler

8:09 Trucks moving around yard banging as move uneven ground

8:10 Trucks reversing + idling

8:13 Telehandler moving around yard
Stereo starts
Truck running