



Application for Works Approval

Part V Division 3 of the *Environmental Protection Act 1986*

Works Approval Number	W6646/2022/1
Applicant	Holcim (Australia) Pty Ltd
ACN	099 732 297
File number	DER2021/000741
Premises	Holcim (Australia) Pty Ltd – Albany 25 Kelly Street ORANA WA 6330 Lot 101 and 102 on Diagram 093983
Date of report	2/12/2022
Decision	Works approval granted

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1. Decision summary

This decision report documents the assessment of potential risks to the environment and public health from emissions and discharges during the construction and operation of the premises. As a result of this assessment, works approval W6646/2022/1 has been granted.

2. Scope of assessment

2.1 Regulatory framework

In completing the assessment documented in this decision report, the Department of Water and Environmental Regulation (the department; DWER) has considered and given due regard to its regulatory framework and relevant policy documents which are available at <https://dwer.wa.gov.au/regulatory-documents>.

2.2 Application summary and overview of premises

On 24 February 2022, Holcim (Australia) Pty Ltd (the applicant) submitted an application for a works approval to the department under section 54 of the *Environmental Protection Act 1986* (EP Act).

The application is to undertake construction works relating to establishing a mobile concrete batching plant, and replacing an existing concrete batching plant at Lot 101 and 102 on Diagram 093983, 25 Kelly Street, (the premises) Orana. The applicant currently operates a concrete batching plant at Lot 102 on 093983 that is authorised under Part V of the EP Act via Registration R205/1970/1, and due to the age of the plant it needs to be replaced. The proposed new concrete batching plant will not differ from the current operation with respect to the following: operating hours; production or design capacity; vehicle movements; landscaping or workforce.

Table 1 describes the prescribed premises category that the application is subject, as defined in Schedule 1 of the Environmental Protection Regulations 1987 (EP Regulations).

Table 1: Prescribed premises category

Classification of premises	Assessed production capacity (as per application)
Category 77: Concrete batching or cement products manufacturing: premises on which cement products or concrete are manufactured for use at places or premises other than those premises	116,000 tonnes per annum

The applicant proposes to undertake works on the premises in three stages, as outlined below, to allow for the continued production of concrete while the existing permanent concrete batching plant is replaced.

- Stage 1 - installation of a temporary mobile batching plant on Lot 101 that will operate under time limited operations for a period of up to 12 months while Stage 2 is completed. The applicant advised that the temporary mobile batching plant will have a maximum design capacity of 50m³/hr and actual production will be in line with the existing plant at 116,000 tonnes per annum.
- Stage 2 - decommissioning and demolition of the existing concrete batching plant on Lot 102 and the construction and operation of a new permanent concrete batching plant on the lot. The proposed new permanent concrete batching plant will include the following key pieces of infrastructure: raw material receiving, storage and transfer; concrete batching; washout facility; and stormwater management system. The applicant advised that the concrete batching plant will have a maximum design capacity of 66m³/hr and actual production will be in line with the

existing plant at 116,000 tonnes per annum.

- Stage 3 - decommissioning, dismantling and removal of the mobile concrete batching plant from Lot 101. This stage will commence upon completion of Stage 2.

3. Planning approvals

Development approval was granted by the City of Albany on 19 November 2021 for a temporary mobile concrete batching plant and replacement/upgrade of an existing concrete batching plant, subject to the conditions stipulated in the City of Albany’s determination. The development approval includes conditions requiring the applicant:

- operate the temporary and replacement batching plants in accordance with the requirements outlined under the *Environmental Protection (Concrete Batching and Cement Product Manufacturing) Regulations 1998* (Concrete Batching Regulations);
- submit a Dust Management Plan prior to the commencement of development to address dust management aspect for both the temporary batching plant and replacement of the existing batching plant;
- implement the Acoustic Assessment prepared for the temporary batching plant and the permanent replacement plant, including that mixing and slumping operations are not to occur at the same time during the night period, and acoustic barriers are built in accordance with the plans submitted;
- to operate the temporary batching plant for a period of up to two years or until commencement of operations of the permanent batching plant at Lot 102; and
- remove all structures and materials associated with the temporary batching plant within 30 days of cease of operations.

4. Risk assessment

The department assesses the risks of emissions from prescribed premises and identifies the potential source, pathway and impact to receptors in accordance with the *Guideline: Risk Assessments* (DWER 2020).

To establish a risk event there must be an emission, a receptor which may be exposed to that emission through an identified actual or likely pathway, and a potential adverse effect to the receptor from exposure to that emission.

4.1 Source-pathways and receptors

4.1.1 Emissions and controls

The key emissions and associated actual or likely pathway during premises construction and operation which have been considered in this decision report are detailed in Table 2 below. Table 2 also details the control measures the applicant has proposed to assist in controlling these emissions, where necessary.

Table 2: Proposed applicant controls

Emission	Sources	Potential pathways	Proposed controls
Construction			
Dust	Installation of new mobile	Air / windborne	Dust during construction will be managed using the following measures:

Emission	Sources	Potential pathways	Proposed controls
	temporary plant. Vehicle movements. Demolition and/or removal of existing plant and equipment. Construction and installation of new plant and equipment.	pathway	<ul style="list-style-type: none"> - water will be applied to unsealed roadways and pathways that are subject to vehicle movements or dust generating activities; - barriers will be constructed such as fences and walls to control wind and dust movements; - sweeping equipment will clean paved areas and roadways; - onsite vehicle speeds will be reduced especially during dry or windy conditions; - dust suppression equipment will be on site including water trucks, water sprays and dust extraction fans/equipment; - trucks will be covered prior to leaving sites and entering public roadways; and - all dust complaints will be recorded, investigated and a response will be provided to the complainant.
Noise			Noise during construction will be managed using the following measures: <ul style="list-style-type: none"> - silencers and noise attenuation on construction equipment; - exhaust mufflers on mobile and stationary equipment; - mobile equipment will be fitted with modulating (noise sensitive), low frequency or broadband directional reversing beepers; - the use of engine brakes by road trucks will be restricted; - inspection of all plant and equipment will be conducted on a regular basis and excessive noise addressed immediately; - equipment will be maintained to ensure no excessive noise is generated; - complaints regarding noise emissions will be recorded, investigated and a response provided to the complainant; and - construction activities will primarily be conducted in daytime hours.
Operation of mobile temporary plant and permanent replacement plant			
Dust	Delivery of raw materials.	Air/windborne pathway	Dust from the delivery of raw materials will be managed using the following measures: <ul style="list-style-type: none"> - the temporary plant will have paving (as per the layout in the works approval) and all areas of the permanent replacement plant will be paved and swept regularly (in accordance with regulation 3 of the Concrete Batching Regulations); - aggregates will be stored in a series of on ground

Emission	Sources	Potential pathways	Proposed controls
	Batching of concrete.		<p>aggregate bins; and</p> <ul style="list-style-type: none"> -water sprays will be used within storage and operational areas to minimise dust movements, particularly within aggregate bins and conveyors (in accordance with regulation 5 of the Concrete Batching Regulations). <p>Dust during operation will be managed using the following measures:</p> <ul style="list-style-type: none"> -conveyors and transport points will be covered when moving aggregate to prevent dust material moving in the wind (in accordance with regulation 9 of the Concrete Batching Regulations); -an enclosed pneumatic transfer system will be used for unloading cement into silos which has a dust extraction equipment; and -the silo fill system will be automatic and will stop when it becomes full to prevent overflow and spillage.
Noise	Delivery of raw materials. Batching of concrete.		<p>Noise during operation will be managed using the following:</p> <ul style="list-style-type: none"> -low noise plant and equipment will be incorporated into the design to minimise noise impacts; -additional silencing measures (such as mufflers) will be applied to fixed and mobile machinery (if not already installed); -‘smart alarms’ will be used to minimize complaints regarding vehicle reversing alarms or start-up sirens; -digital displays will be used to eliminate the need for PA or loudspeaker communication; -the premises will have inspection processes in place during operation to ensure noise controls remain effective; -any complaints received will be recorded, investigated and a response submitted to the complainant; -acoustic mitigation measures will be incorporated in the design in the form of acoustic barriers using double stacked sea containers for the temporary plant and built noise barriers for the permanent replacement plant; and -mixing and slumping operations will not occur at the same time during night time period. <p>During night-time operation of the new permanent replacement plant, heavy vehicle access will be via 25 Kelly Street (within the industrial area), to avoid the residences on Bevan Street.</p>
Contaminated water run-off	Delivery of raw	Direct discharge to	In accordance with the Concrete Batching Regulations (regulations 11 and 12) a water management system will be constructed for the permanent replacement plant to

Emission	Sources	Potential pathways	Proposed controls
	materials. Batching of concrete.	ground	<p>capture all water runoff from contaminated areas of the yard and transfer the water to a series of contaminated water collection pits for reuse as recycled water in the concrete batching process.</p> <p>Water runoff from 'dirty' areas (any area not affected by environmentally sensitive chemicals but can contain harmful levels of sediment) is captured in dirty water collection pits and used for yard washdown, stockpile dust suppression or transferred back into the concrete batching process. Dirty water collection pits will be of sufficient size to achieve a sediment removal rate of greater than 99.5% during the 1-year average recurrence interval (ARI) storm event.</p> <p>The washout box for the temporary plant will have a combined capacity of 15 kL. The stirrer and first flush pits of the permanent replacement plant will each have a design capacity of 50kL and 25 kL respectively.</p> <p>Water runoff from clean areas will drain to the environment via existing discharge points in the wedge pit on Kelly Street.</p> <p>Bunding and/or retaining walls will be constructed for the permanent plant so that runoff is diverted towards the intended wedge pit.</p> <p>The temporary mobile plant will have paving (as per the layout in the works approval) and new permanent plant will be fully paved (apart from some verge areas beside the exit/entrance to Kelly Street and Locke Street).</p> <p>In accordance with the Concrete Batching Regulations (regulation 13) dried washout pit waste is periodically removed for reprocessing or sent to an appropriate licensed recycling facility.</p>
Hydrocarbon spills	Storage and handling of hydrocarbons	Direct discharge to ground	<p>Hydrocarbon spills during operation will be managed using the following measures:</p> <ul style="list-style-type: none"> - vehicles will be refueled and maintained offsite; - vehicles and equipment will undergo regular maintenance to reduce leaks and spills; - the premises will have spill response equipment readily accessible; and - waste or spoil associated with a spill will be promptly collected and disposed of in accordance with the requirements of the City of Albany.

4.1.2 Receptors

In accordance with the *Guideline: Risk Assessment* (DWER 2020), the delegated officer has excluded the applicant's employees, visitors, and contractors from its assessment. Protection of these parties often involves different exposure risks and prevention strategies and is provided for under other state legislation.

Table 3 below provides a summary of potential human and environmental receptors that may be

impacted as a result of activities upon or emission and discharges from the prescribed premises (*Guideline: Environmental Siting* (DWER 2020)).

Table 3: Sensitive human and environmental receptors and distance from prescribed activity

Human receptors	Distance from prescribed activity
Rural industrial	Immediately adjacent to the premises boundary
Rural commercial	Immediately adjacent to the premises boundary
Rural residential:	From ~180 m north east of the premises boundary
1 Turner Street	~180 m north east of the premises boundary
4 Turner Street	~190 m north east of the premises boundary
1 Whidby Street	~215 m east of the premises boundary
Albany Highway	~245 m west of the premises boundary
Environmental receptors	Distance from prescribed activity
Albany Waterways Management Area	Encompasses the premises
Threatened fauna (vulnerable, critically endangered & priority 4)	~250 m south east of the premises boundary ~300 m east of the premises boundary ~400 m south west of the premises boundary ~550 m north east of the premises boundary
Threatened flora (priority 4)	~250 m south east of the premises boundary

4.2 Modelling

4.2.1 Noise modelling

Noise model

The applicant engaged Herring Storer Acoustics to undertake an acoustic modelling assessment (Herring Storer 2021; Herring Storer 2022) of the proposed temporary mobile concrete batching plant and the new permanent concrete batching plant. The noise modelling software SoundPlan was used to predict noise levels at nearby receptors under worst case operating conditions. Two scenarios (nighttime operation and daytime operation) were modelled for each of the proposed temporary and the permanent plants. For the night-time period an additional management measure that mixing and slumping operations are not to occur at the same time will apply to comply with the *Environmental Protection (Noise) Regulations 1997* (Noise Regulations), and this was the scenario modelled.

The department undertook a review of the Herring Storer (2021) report and identified that there were several technical issues in the modelling, and as a result there was the potential for exceedance of the assigned noise levels at some sensitive receptors. The department took the view there were issues with misclassification of a receiver, potential sound power underestimations for mixing and underestimation on likely exceedances and omitted receptors. The Herring Storer 2021 report was superseded by further information and analysis.

The applicant supplied further supplementary information to the department, culminating in a final revised Noise Assessment (Herring Storer 2022) provided on 3 November 2022.

Results

The final updated model predicts that the proposed temporary mobile plant and the proposed permanent plant with noise mitigation walls incorporated will comply with the assigned levels determined at the nearest sensitive receptors after applying an influencing factor and other adjustments in accordance with the Noise Regulations. A summary of the predicted noise levels at sensitive receptors for the worst case meteorological conditions is shown in Table 4.

DWER technical review

The department has reviewed the final Herring Storer 2022 report and identified that:

- the applicant has addressed the technical issues previously identified and the sound power levels, influencing factors and LA₁₀ assigned noise levels calculated for each of the selected noise sensitive receptors are reasonable;
- the assessment methodology and results present reasonable and reliable conclusions on the predicted noise levels under worst case meteorological conditions; and
- noise emissions from the proposal can be managed to comply with the Noise Regulations with the proposed noise mitigation walls and restricted night-time operating scenarios.

Table 4: Predicted noise levels at sensitive receptors for the temporary mobile and permanent batching plants

Location of sensitive receptor	Night-time assigned level LA ₁₀ dB(A)	Temporary plant: Predicted night-time LA ₁₀ noise emission dB(A)	Permanent plant: Predicted night-time LA ₁₀ noise emission dB(A)	Day-time/Sunday assigned level LA ₁₀ dB(A)	Temporary plant: Predicted day-time LA ₁₀ noise emission dB(A)	Permanent plant: Predicted day-time LA ₁₀ noise emission dB(A)
Mixing only with loader (Night time operating scenario)						
1 Turner Street	43	29 (34)	37 (42)			
12 Turner Street	40	32 (37)	34 (39)			
397 Albany Highway	44	28 (33)	28 (33)			
1 Whidby Street	43	38 (43)	38 (43)			
4 Turner Street	43	38 (43)	37 (42)			
Southern Aboriginal Corporation	60	49 (54)	47 (52)			
Slumping only with loader (Night time operating scenario)						
1 Turner Street	43	31 (36)	37 (42)			
12 Turner Street	40	34 (39)	29 (34)			
397 Albany Highway	44	29 (34)	29 (34)			
1 Whidby Street	43	38 (43)	38 (43)			
4 Turner Street	43	38 (43)	37 (42)			
Southern Aboriginal Corporation	60	50 (55)	51 (56)			
Slumping and mixing with loader (day time operating scenario)						
1 Turner Street				48	33 (38)	40 (45)
12 Turner Street				45	37 (42)	45 (40)
397 Albany Highway				49	31 (36)	30 (35)
1 Whidby Street				48	40 (45)	41 (46)
4 Turner Street				48	40 (45)	39 (44)
Southern Aboriginal Corporation				60	52 (57)	52 (57)

Note: (##) indicates the sound level after +5 dB(A) adjustment for 'tonal characteristic'

4.3 Risk ratings

Risk ratings have been assessed in accordance with the *Guideline: Risk Assessments* (DWER 2020) for each identified emission source and take into account potential source-pathway and receptor linkages as identified in Section 4.1. Where linkages are in-complete they have not been considered further in the risk assessment.

Where the applicant has proposed mitigation measures/controls (as detailed in Section 4.1), these have been considered when determining the final risk rating. Where the delegated officer considers the applicant's proposed controls to be critical to maintaining an acceptable level of risk, these will be incorporated into the works approval as regulatory controls.

Additional regulatory controls may be imposed where the applicant's controls are not deemed sufficient. Where this is the case the need for additional controls will be documented and justified in Table 5.

Table 5: Risk assessment of potential emissions and discharges from the premises during construction, commissioning and operation

Risk events					Risk rating ¹ C = consequence L = likelihood	Applicant controls sufficient?	Conditions of works approval	Reasoning
Sources / activities	Potential emission	Potential pathways and impact	Receptors	Applicant controls				
Installation of new temporary mobile plant. Demolition and/or removal of old plant and equipment. Construction and installation of new plant and equipment.	Dust	Air / windborne pathway causing impacts to health and amenity	Residences 180 m north east and 245 m west	Refer to Section 3.1	C = low level impact to amenity Minor L = likely to occur only in exceptional circumstances Rare Low Risk	Y	Condition 1 to 3	The delegated officer does not expect noise and dust impacts associated with construction to impact on the nearby sensitive receptors, taking into consideration the applicant's proposed noise and dust controls for equipment, the proposed hours of construction and the distance to the nearest residential receptor. The requirements of the Noise Regulations also apply. To ensure the mobile plant is only used for the proposed short-term activity conditions are included in the works approval requiring removal of the infrastructure within a 30 day period of the permanent replacement plant commencing operation (or 12 months after it has been installed, whichever is sooner).
	Noise			Refer to Section 3.1	C = low level impact to amenity Minor L = likely to occur only in exceptional circumstances Rare Low Risk	Y	Condition 1 to 3	
Delivery of raw materials, batching of concrete	Dust	Air / windborne pathway causing impacts to health and amenity	Residences 180 m north east and 245 m west Commercial premises immediately adjacent	Refer to Section 3.1	C = minimal impact to amenity Slight L = could occur at some time Possible Low Risk	Y	Condition 1 to 3	There have not been any complaints relating to dust emissions associated with operation of the existing concrete batching plant received by DWER within the last 5 years. The applicant has proposed that the design and operation of the mobile temporary plant and the permanent plant replacement will comply with the requirements of the Concrete Batching Regulations, including the requirements relating to dust emissions. The design requirements (consistent with the applicant's proposed controls) imposed on the works approval align with the requirements in the Concrete Batching Regulations.
	Noise			Refer to Section 3.1	C = Specific Consequence Criteria are at risk of not being met Moderate L = The risk event will probably not occur in most circumstance Unlikely Medium Risk	N	Condition 1 to 3; Condition 7 to 9.	
	Contaminated wastewater	Direct discharge to ground	Soil within the premises	Refer to Section 3.1	C = Minimal on or offsite impacts Minor L = likely to occur only in exceptional circumstances Rare Low Risk	Y	Condition 1 to 3	The applicant has proposed that the design and operation of the mobile temporary plant and the permanent plant replacement will comply with the requirements of the Concrete Batching Regulations, which include requirements relating to the control of wastewater, management of slurry pits and disposal of waste, to minimise the risk of wastewater contamination. The design requirements (consistent with the applicant's proposed controls) imposed on the works approval align with the requirements in the Concrete Batching Regulations.
Storage and handling of waste and hydrocarbons	Hydrocarbon spills	Direct discharge to ground	Soil within the premises	Refer to Section 3.1	C = Minimal on or offsite impacts Slight L = likely to occur only in exceptional circumstances Rare Low Risk	Y	N/A	As the applicant has proposed that no fuel will be stored onsite and due to the proposed management measures in place for spills and leaks, it is unlikely that hydrocarbon spills will impact environmental receptors.

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the *Guideline: Risk Assessments* (DWER 2020).

5. Decision

On 19 August 2022 the department provided the applicant with an intent to refuse decision report on the grounds of the assessed risk of noise impacts. The applicant supplied further supplementary information and engaged directly with the department. The delegated officer considered final noise impact assessment information and considered that the applicant had reliably addressed all residual technical noise issues in the modelling and provided sufficient certainty as to predicted compliance with assigned levels in the Noise Regulations, if proposed noise controls are implemented.

Based on the assessment in this decision report, the delegated officer has determined that the applicant's proposal is not expected to pose an unacceptable risk of impact to public health or the environment subject to design and construction of the premises consistent with the risk assessment outcomes.

Operation of the premises is regulated by the Concrete Batching Regulations, and the delegated officer determined the applicant's proposed controls are sufficient to manage the risk of dust and contaminated wastewater emissions and design and construction of the premises result in compliance with the Concrete Batching Regulations.

To minimise the potential for impacts to public health and the environment, the applicant has proposed the following engineering controls, which will be imposed on the works approval as they are considered critical for maintaining an acceptable level of risk:

- noise mitigation infrastructure must be installed to ensure compliance with the Noise Regulations during operations, including acoustic walls/barriers; and
- dust and contaminated wastewater controls consistent with the requirements under the Concrete Batching Regulations.

In addition to the applicant's proposed controls, the following validation monitoring and reporting is required, to provide assurance over the effectiveness of the noise controls:

- noise levels will be validated at the permanent plant replacement to ensure compliance with the Noise Regulations.

Taking into account the outcomes of the applicant's noise impact assessment and the siting context of the premises, the delegated officer has specified requirements for validation monitoring once the permanent fixed plant is constructed and operating. This is to validate the accuracy of modelled noise predictions, demonstrate compliance with the Noise Regulations and demonstrate proposed noise controls are adequate.

5.1 Works approval and registration

Works approval W6646/2022/1 that accompanies this decision report authorises installation and time limited operations of the temporary mobile concrete batch plant noting the short time period and that no registration currently applies to the land parcel for the temporary plant. The operation of the temporary plant is still subject to the Concrete Batching Regulations.

The works approval also authorises the construction of the new permanent plant. Existing registration R205/1970/1 will apply to the ongoing operation of the new plant and activities are also subject to the Concrete Batching Regulations. The conditions in the issued works approval, as outlined in Table 5 have been determined in accordance with *Guidance Statement: Setting Conditions* (DER 2015).

6. Consultation

Table 6 provides a summary of the consultation undertaken by the department.

Table 6: Consultation

Consultation method	Comments received	Department response
Application advertised on the department's website on 24 February 2022	None received	N/A
Local Government Authority advised of proposal on 1 March 2022	The City of Albany replied on 10/03/22 confirming that the City of Albany granted development approval on 19/11/2021 for the concrete batching plant.	N/A
Applicant provided with draft decision (intent to refuse)	The applicant responded to the first draft decision on 21/09/2022	Refer to Appendix 1.
Applicant provided with updated draft response (proposed grant of works approval)	The applicant responded to the second draft decision on 29/11/2022.	Refer to Appendix 1.

7. Conclusion

Based on the assessment in this decision report, the delegated officer has determined that a works approval will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

References

1. Department of Environment Regulation (DER) 2015, *Guidance Statement: Setting Conditions*, Perth, Western Australia.
2. Department of Water and Environmental Regulation (DWER) 2020, *Guideline: Environmental Siting*, Perth, Western Australia.
3. DWER 2020, *Guideline: Risk Assessments*, Perth, Western Australia.
4. Herring Storer Acoustics 2021a *Acoustic Assessment Holcim Albany Redevelopment 25 Kelly Street*, Como, Western Australia.
5. Herring Storer Acoustics 2021b *Acoustic Assessment Holcim Albany Redevelopment Temporary Mobile Batch Plant Locke Street*, Como, Western Australia.
6. Herring Storer Acoustics 2022a *Acoustic Assessment Holcim Albany Redevelopment 25 Kelly Street*, Como, Western Australia.
7. Herring Storer Acoustics 2022b *Acoustic Assessment Holcim Albany Redevelopment Temporary Mobile Batch Plant Locke Street*, Como, Western Australia.

Appendix 1: Summary of applicant's comments on first draft

Condition/Issue	Summary of applicant's comment	Department's response
<i>Comment on intent to refuse draft decision</i>		
<p>The department identified the following technical issues with the noise modelling (Herring Storer Acoustics 2021) provided by the applicant:</p> <ol style="list-style-type: none"> 1. Misclassification of a receiver (Southern Aboriginal Corporation) as industrial which was determined to be inconsistent with Schedule 1 of the Noise Regulations categorising it as commercial 2. Potential underestimation of sound power level for mixing with potential implications on underestimation of noise exceedances 3. Sensitive receptors that were not included in the modelling, including 1 Whidby Street, Southern Aboriginal Corporation and potentially other residences in proximity to 1 Whidby Street 	<ol style="list-style-type: none"> 1. The applicant disagrees with the characterisation of the Southern Aboriginal Corporation as a commercial receiver, however the applicant has provided an updated Noise Assessment with the Southern Aboriginal Corporation treated as a commercial premises. 2. The applicant provided additional information on how sound power levels that were used as the input to the noise model were determined. The applicant's noise consultant also subsequently engaged with the department and provided all relevant noise data that was used to determine the sound power levels. 3. The applicant provided an updated Noise Assessment with additional sensitive receptors included to address the technical issue identified by the department. 	<p>The delegated officer is satisfied with the updated noise assessment, and the inclusion of additional receptors as requested by the department (outlined in section 4.2.1).</p> <p>The delegated officer is satisfied with the additional information provided by the applicant and the noise consultant on the method for determining sound power levels (outlined in section 4.2.1).</p> <p>The delegated officer has determined that it is appropriate to require noise validation of the permanent concrete batching plant once operational (outlined in section 4.3) to measure the sound power levels for noise sources from the plant, and to ensure that noise emissions from the premises comply with the assigned levels specified in the Noise Regulations.</p>
<i>Comment on updated draft decision</i>		
<p>General; Condition 1, Table 1; Schedule 1: Maps, Premises map</p>	<p>The applicant has provided requested infrastructure maps and made corrections to infrastructure descriptions in the works approval and in the proposed controls documented in the decision report.</p>	<p>The delegated officer has updated the works approval and decision report to reflect the clarifications and corrections on the infrastructure descriptions and layout made by the applicant.</p>