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FAIRFIELD CITY COUNCIL
15 SEP 2014
TO: L Hawke
FILE: 13/25831
DOC ID:
CRM:
SCAN DATE:

RTB/md
Ref: 137021_Let5
12 September 2014

Attention: Liam Hawke, Senior Development Planner

To: The General Manager
Fairfield City Council
PO Box 21
Fairfield NSW 2176

Dear Liam,

Re: DA 876.1 / 2013, 73 Victoria Street Smithfield

In response to the letter of 27 August 2014 from Fairfield City Council, reference 876.1/2013, the following information should explain these matters further.

Noise Assessment

The primary school located at O'Connell Street, Smithfield, has been considered in the noise survey. This receptor has been labeled as R6 in Table 4-2, Figure 4-9 and Table 5-3 of report 137021_EIS_Rev3, submitted to Fairfield City Council in July 2014.

Noise limits applicable to the school have been based on the most stringent NSW EPA Amenity criteria and NSW EPA Intrusive Noise Criteria, as can be seen in Table 5–3. Receptor R6 representing Smithfield Public School was modelled at 1.5 m above ground level at the external facade of the most noise-affected building.

Noise predictions were carried out using the following weather conditions:

- Condition A: neutral weather conditions;
- Condition B: 3 m/s wind from source to receiver; and
- Condition C: 3°C/100m temperature inversion with 2 m/s wind from source to receiver.

As can be seen in Table 5-6 and 5-7 from the EIS (reproduced below), the noise emissions from the subject site comply with the project specific noise levels at the primary school for neutral and adverse weather conditions. An Leq of 40 dB(A) and 44 dB(A) have been predicted on the external façade of the school during the day time period under neutral and adverse weather conditions respectively.

DA file with L Hawke.

Table 5-6: Predicted Noise Levels Considering Condition A, dB(A)

Receptor	Time Period				Noise Criteria			
	Day $L_{eq\ 15min}$	Evening $L_{eq\ 15min}$	Shoulder $L_{eq\ 15min}$	Shoulder L_{max}	Day $L_{eq\ 15min}$	Evening $L_{eq\ 15min}$	Shoulder $L_{eq\ 15min}$	Shoulder L_{max}
R1	31	31	31	50	59	50	53	63
R2	34	34	34	52	59	50	53	63
R3	37	37	37	57	59	50	53	63
R4	41	41	41	59	59	50	53	63
R5	37	37	37	57	59	50	53	63
R6	40	-	-	60	45	-	-	-

Note: - indicates not applicable

Table 5-7: Predicted Noise Levels Considering Condition B & C, dB(A)

Receptor	Time Period				Noise Criteria			
	Day $L_{eq\ 15min}$	Evening $L_{eq\ 15min}$	Shoulder $L_{eq\ 15min}$	Shoulder L_{max}	Day $L_{eq\ 15min}$	Evening $L_{eq\ 15min}$	Shoulder $L_{eq\ 15min}$	Shoulder L_{max}
R1	35	35	35	54	59	50	53	63
R2	38	38	38	56	59	50	53	63
R3	41	41	41	61	59	50	53	63
R4	44	44	44	63	59	50	53	63
R5	41	41	41	61	59	50	53	63
R6	44	-	-	-	45	-	-	-

Note: - indicates not applicable

Environmental Management Plan

Further explanation of the external storage is provided below.

The intention in this statement from the Environmental Management Plan that "all operations and materials will be kept within the building" applied to the front of the site facing Victoria Street. This was in response to requests made by Fairfield city Council to retain the front of the site for car parking and truck manoeuvring.

For the rear of the site, it was always the intention to continue using the available storage areas for the following purposes:

Storage Under Awning – Rear Yard

- Cages containing television sets, flat screens and similar consumer products.

Cages are stacked and kept under the awning. These products are complete as received and have not been disassembled. Therefore even if these become exposed to rain entering the awning there will be no release of heavy metals contained within the circuit boards within these products.

The glass on TV screens and PCs contain lead. These screens are not cracked into pieces and therefore the likelihood of fragments containing lead being released and being exposed to rain is also highly unlikely.

- LPG Storage.

LPG is stored under the awning. Approximately 2 to 3 forklift cylinders of LPG are stored and chained in a designated area.

- Empty Pallets.

Storage in External Area – Rear Yard

The following would be stored in specific locations of the external area of the rear yard as shown in the attached plan.

- Baled Plastic;
- Empty Cages;
- 2 x Covered General Waste Bins;
- 2 x Steel Recycling Bins; and
- Sealed drums of unleaded glass.

The steel scrap metal bins are stored in the open adjacent to the southern boundary fence. The steel being recovered from consumer products is free of oils and sediments.

The type of goods stored in the external yard area do not warrant the need for a spill kit to be located in this area. Spill kits are located in areas of high risk which are inside the building. The location of spill kits is shown in the attached plan.

The attached Site Plan has now been included in the Environmental Management Plan. This plan shows the location of the following:

1. Goods to be stored under the awning;
2. Location of spill kit/s; and
3. Location of stormwater drains.

It also shows the location of goods to be stored in the external rear yard. The location as shown on the plan would not impede with truck turning circles in this area.

The following safeguards would be included as outlined in the Environmental Management Plan:

- To protect against sediment entering the stormwater pits, fabric filters would be installed in each of these.
- To increase the awareness that the areas around the pits need to be kept free of sediment, the perimeter of each it would be painted in green or blue paint and stencilled "Rainwater only flows to Prospect Creek" or similar.
- Training and awareness programmes that include the work practices to protect the site from emitting contaminants into the stormwater system would be included in the following:
  - At time of induction; and
  - On at least an annual basis.

An internal environmentally focussed checklist would be used by site personnel to maintain the necessary standard of work practices.

We trust this meets with Council request for further information.

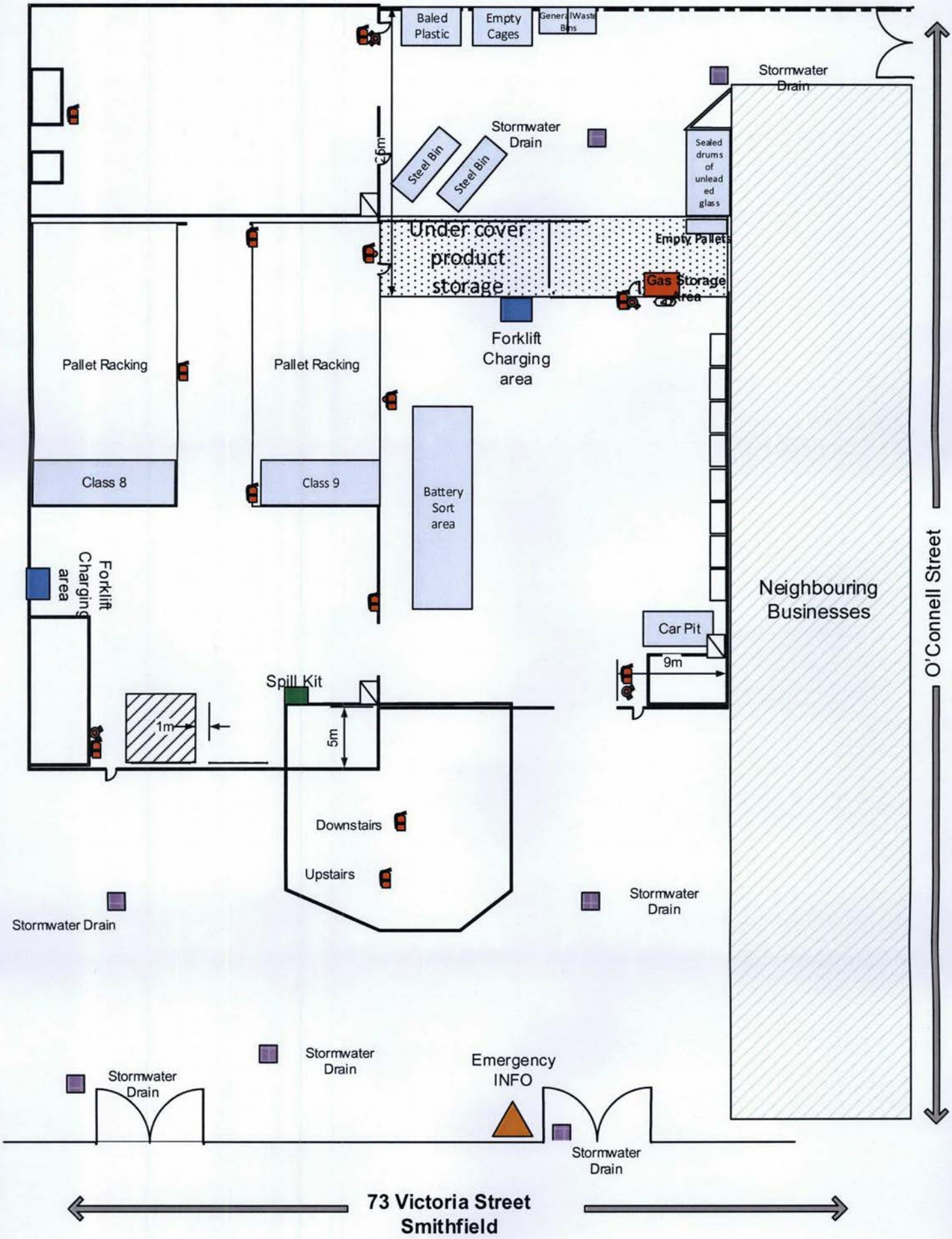
Yours faithfully,
for Benbow Environmental

Linda Zanotto
Senior Environmental Engineer

R T Benbow
Principal Consultant

ATTACHMENTS

Attachment 1: MRI Site Plan, Smithfield


Baled Plastic
Empty Cages
General Waste Bins
Stormwater Drain
Stormwater Drain
Steel Bin
Steel Bin
Sealed drums of unleaded glass
Under cover product storage
Empty Pallets
Gas Storage area
Forklift Charging area
Pallet Racking
Pallet Racking
Class 8
Class 9
Battery Sort area
Forklift Charging area
Neighbouring Businesses
O'Connell Street
Car Pit
9m
Spill Kit
1m
5m
Downstairs
Upstairs
Stormwater Drain
Stormwater Drain
Stormwater Drain
Stormwater Drain
Emergency INFO
Stormwater Drain
73 Victoria Street
Smithfield