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Bianca Thornton
Senior Environmental Assessment Officer
Department of Planning and Environment
Locked Bag 5022
Parramatta NSW 2124

Monday 15 August 2022

Dear Bianca,

RE: Request for Additional Information SSD 9418 – Waste Tables and Traffic Numbers

I refer to correspondence received from DPE dated 8 August 2022 regarding a request for additional information for SSD 9418 currently under assessment. The application is seeking approval for the expansion of an existing composting facility from 76,000tpa to 200,000tpa at Ravensworth, NSW.

This letter seeks to respond to those additional matters raised by DPE in relation to the subject application.

Information Requested by DPE

Space Urban provides the following response in relation to DPE's comments.

Comment

1. *Please clarify the discrepancies between the waste types listed in Table 1 of the Amendment Report and Table 2 of the letter titled 'RE: Request for Additional Information SSD 9418' dated 5 August 2022.*

Response

The revised table below seeks to clarify the discrepancy and between the Amendment Report and Table 2 of the letter dated 5 August 2022. The two tables have been combined to ensure consistency.

Table 1 – Volumes of Wastes to be Accepted Annually

WASTE STREAM	WASTE SOURCE	STATE OF WASTE RECEIVED	ANNUAL AMOUNT (TPA)
Garden Waste (as defined in Schedule 1 of the POEO Act).	Garden Organics	Mulched and screened	110,000
Biosolids (The Biosolids Order 2014)	Biosolids	Dewatered – for blending	25,000
Paper Crumble for Composting (defined as General or Specific Exempted Waste)	Paper Crumble	Shredded – for blending	10,000
Urban wood residues for Composting (defined in The compost order 2016)	Urban Wood Residue	Shredded – for blending	2,500
Natural organic fibrous Composting material (defined in Schedule 1 of the POEO Act)	Natural Organic Fibrous Material	Shredded – for blending	2,500
Wastewater from Bayswater	Recycled Water from Bayswater Power Station	Raw – for blending and compost maintenance	25,000
Animal Waste (defined in Schedule 1 of the POEO Act)	Animal manure	Raw – for blending	5,000
Drill mud process water (The Treated Drill Mud Order 2014)	Hydro-excavated drill mud	Raw – transfer only to another facility for processing	20,000
Total			200,000

Comment

- The discrepancy in the heavy vehicle movements has not been explained. The TIA refers to 114 heavy vehicles and the AQIA refers to 108 heavy vehicles. Please confirm the number of heavy vehicle movements that are expected in a worst-case scenario.*

Response

It is acknowledged that is a slight difference in the traffic numbers provided in the Traffic Impact Assessment (Pavey, Rev 1, 2020) and the Air Quality Impact Assessment (AED, Rev 2, 2019).

As light vehicle movements are considered a very low contributor to the overall dust emissions from the development, light vehicles have not been considered as part of the dust assessment.



The TIA has considered all heavy vehicle movements entering the site which includes trucks for both waste deliveries and fuel deliveries (total 114 trucks), however the dust impact assessment has only considered trucks for waste deliveries (total 108 trucks). **Attachment 1** provides the breakdown of truck movements from the TIA, including those for waste and fuel deliveries.

As this is a very small difference in truck numbers, and a worse case scenario, it is considered that this discrepancy will have little to no impact on dust generation.

We trust this response resolves the outstanding issues, however, should you require any further clarification or information please contact the undersigned on 0419 715 665 or smithsk@spaceurban.com.au.

Regards

A handwritten signature in black ink, appearing to read "S. Smith", with a large, loopy flourish at the end.

Shaun Smith
Principal Environmental Planner
Space Urban Pty Ltd



ATTACHMENT 1 – SUMMARY OF VEHICLE MOVEMENTS

SUMMARY OF ANTICIPATED AVERAGE AND PEAK DAILY VEHICLE MOVEMENTS IN AND OUT OF GREENSPOT RAVENSWORTH IN FULL OPERATION

Vehicle Type	Hydro Exc & Drill Mud				Paper Crumble				Biosolids				GO and comingled Food and GO				Compost Out				Recycled Water				Ash & Timber				Staff				Total Truck	Total Truck			
	Average		Peak		Average		Peak		Average		Peak		Average		Peak		Average		Peak		Average		Peak		Average		Peak		Ave Movements	Peak Movements	6am to 8am	3pm to 5pm					
	in	out	in	out	in	out	in	out	in	out	in	out	in	out	in	out	in	out	in	out	in	out	in	out	in	out	in	out									
Truck and Dog					2	2	2	2	3	3	4	4	5	5	9	9	3	3	5	5					2	2	2	2					30	44	2	4	
Semi Tippers & Walking Floors													7	7	9	9											1	1					14	20	1	1	
19m B' Doubles													4	4	6	6	5	5	7	7												18	26	1	2		
Semi Tippers	2	2	3	3																												4	6	1	1		
Semi liquid tankers	1	1	2	2																	3	3	4	4									8	12	2	0	
																																74	108	7	8		
Total ave truck movements	3	3			2	2			3	3			16	16			8	8			3	3			2	2						74					
Total Peak truck movements			5	5			2	2			4	4			24	24			12	12			4	4			3	3				108					
Staff Cars																											10	10	12	12		20	24	10	10		
Visitors Cars																											2	2	4	4		4	8	1	1		
Fuel deliveries																											2	2	3	3		4	6	0	0		
Total average daily vehicle movements																																102					
Total peak daily vehicle movements																																		146			