

Appendix 4.2

**Construction Plant
Inventory**

Job Title : NENT Landfill Extension EIA
Heading : Plant Inventory

Appendix No. 4.2a

Landfill Site Phase I Development			
Activity	Months	PME	Unit *
Site Clearance	Oct 2008 - Jun 2009	Excavator	4
		Mower	1
		Lorry	4
		Crane truck	1
Excavation & Site formation - installation of soil nail - excavation works on slopes - drainage works	Apr 2009 - Dec 2009	Excavator	4
		Compactor	4
		Bulldozer	4
		Generator, silenced	5
		Crane truck	1
		Dump truck	4
		Mower	1
		Lorry	2
Installation of liner, leachate & LFG collection system	Oct 2009 - Sept 2010	Water pump	4
		Excavator	1
		Compactor	1
		Generator, silenced	1
		Wheel loader	1
		Sweeper	1
		Roller	1
		Crane truck	1
		Dump truck	1
		Lorry	20
Construction of Leachate Treatment Plant	Oct 2008 - Sept 2010	Mobile crane	2
		Excavator	2
		Air compressor	2
		Generator, silenced	2

Unit * - no of vehicle per peak half hour

Job Title : NENT Landfill Extension EIA

Heading : Plant Inventory

Appendix No. 4.2b

Landfill Site Phase II Development			
Activity	Months	PME	Unit*
Site Clearance	Jan 2010 - Dec 2010	Excavator Mower Lorry Crane truck	2 1 2 1
Excavation & Site formation - installation of soil nail - excavation works on slopes - drainage works	Oct 2010 - Jun 2012	Excavator Compactor Bulldozer Generator, silenced Crane truck Dump truck Mower Lorry Water pump	3 3 4 5 1 4 1 2 4
Installation of liner, leachate & LFG collection system	Apr 2011 - Dec 2012	Excavator Compactor Generator, silenced Wheel loader Sweeper Roller Crane truck Dump truck Lorry	1 1 6 1 1 1 1 1 20

Unit* - no. of vehicle per peak half hour

Job Title : NENT Landfill Extension EIA
Heading : Plant Inventory

Appendix No. 4.2c

Landfill Site Phase III Development			
Activity	Months	PME	Unit*
Site Clearance	Jan 2013 - Dec 2013	Excavator	2
		Mower	1
		Lorry	2
		Crane truck	1
Excavation & Site formation • installation of soil nail • excavation works on slopes • drainage works	Jul 2013 - Jun 2014	Excavator	3
		Compactor	3
		Bulldozer	4
		Generator, silenced	5
		Crane truck	1
		Dump truck	4
		Mower	1
		Lorry	2
		Water pump	4
Installation of liner, leachate & LFG collection system	Jan 2014 - Dec 2015	Excavator	1
		Compactor	1
		Generator, silenced	6
		Wheel loader	1
		Sweeper	1
		Roller	1
		Crane truck	1
		Dump truck	1
		Lorry	20

Unit* - no of vehicle per peak half hour

Job Title : NENT Landfill Extension EIA
Heading : Plant Inventory

Appendix No. 4.2d

Restoration & Aftercare Period			
Activity	Months	PME	Unit *
Installation of Final Capping	Jan 2020 - Dec 2021	Excavator	4
		Compactor	4
		Generator, silenced	6
		Wheel loader	2
		Sweeper	2
		Roller	2
		Crane truck	2
		Dump truck	2
		Lorry	10
Planting & Landscaping	Jan 2021 - Dec 2022	Excavator	4
		Compactor	4
		Generator, silenced	6
		Crane truck	2

Unit * - no of vehicle per peak half hour

Job Title : NENT Landfill Extension EIA
Heading : Plant Inventory

Appendix No. 4.2e

Existing Landfill Restoration & Aftercare Period			
Activity	Months	PME	Unit*
Installation of Final Capping	Aug 2008 - Sept 2009	Excavator	4
		Compactor	4
		Generator, silenced	6
		Wheel loader	2
		Sweeper	2
		Roller	2
		Crane truck	2
		Dump truck	2
		Lorry	10
		Planting & Landscaping	Aug 2009 - Sept 2010
Compactor	4		
Generator, silenced	6		
Crane truck	2		

Unit* - no. of vehicle per peak half hour