

**NPI Report**

for

**Pilbara Manganese Pty Ltd**

**Woodie Woodie**

**01/07/2018 - 30/06/2019**

**Greenbase Pty Ltd**

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section A: Reporting Facility Information



### REPORTING PERIOD <sup>1</sup>

From: 01/07/2018 To: 30/06/2019

### COMPANY AND FACILITY DETAILS

Facility ID (if known)

541412 WA0298

Registered Business Name (or other legal entity) <sup>2</sup>

Pilbara Manganese Pty Ltd

Australian Company Number (ACN) (if applicable) <sup>2</sup>

074 106 577

Australian Business Number (ABN) <sup>2</sup>

67 074 106 577

Facility Name (if different from Registered Business Name)

Woodie Woodie

Environment Agency Licence Number(s) (if applicable) <sup>3</sup>

L6131/1990/12

Number of Employees at the Facility

574

Website Address

<http://www.consminerals.com.au>

Describe the main activities or processes undertaken at the facility

Manganese Mining and Processing

Registered Business Address <sup>2 3</sup>

Level 2/7 Ventnor Ave

West Perth

WA Postcode 6005

Postal Address (if different to above address)

PO Box 1220

West Perth

WA Postcode 6872

Street address of the Facility

150km South East of Telfer

Telfer

WA Postcode 6762

Latitude of Facility (decimal, degrees)

-21.631 (21° 37' 50" S)

Longitude of Facility (decimal, degrees)

121.241 (121° 14' 27" E)

Australian & New Zealand Standard Industrial Classification Code <sup>4</sup>

0809

### FOR PUBLIC ENQUIRIES

Title First Name

Ms Kirsten

Last Name

Cadle

Position

Company Secretary

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### FOR TECHNICAL ENQUIRIES <sup>3</sup>

Title First Name

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Last Name

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Position

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Postal Address

PO Box 1220

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WA Postcode 6872

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section A: Reporting Facility Information



1. The period that the data in the report pertains to.
2. As registered with the Australian Securities and Investment Commission.
3. These fields will not be made public.
4. ANZSIC 2006 codes; the complete list is available at: <http://www.npi.gov.au/reporting/industry/anzsic-code-list.html>

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section B: Substance Emission Information



### CATEGORY 1, 1a AND 1b THRESHOLDS

Note: For further information on Category 1, 1a & 1b substances and thresholds, see Section Two of the NPI Guide.

1. Did your facility trip a threshold for one or more Category 1, 1a or 1b substances in the reporting year?

- The relevant usage <sup>1</sup> thresholds are:
  - 10 t/yr for Category 1
  - 25 t/yr for Category 1a (Total Volatile Organic Compounds), and
  - 5 kg/yr for Category 1b (mercury and compounds).
- Yes** – you must estimate and report your facility's emission(s) of the Category 1, 1a, and/or 1b substance(s) in kg/yr in the:
  - Substance Emission Table (pages 4 - 6) **and**;
  - you must estimate and report your facility's transfer(s) of the Category 1 and/or 1b substance(s) in kg/yr to mandatory reporting transfer destinations from all onsite activities in the:
    - Substance Transfer Table (pages 8 - 9).

You may also report your facility's transfers of these substances to voluntary reporting transfer destinations.

**Now go to Question 2 below.**

- No** – go to Question 2 below.

### CATEGORY 2a AND 2b THRESHOLDS <sup>2</sup>

Note: For further information on Category 2a & 2b substances and thresholds, see Section Two of the NPI Guide.

2. In the fuel table below, enter the quantity of fuel burnt in tonnes per year and the total of these amounts.

* Fuel Type	LPG	Bagasse	Biogas	Briquettes	Coal Black	Coal Brown	Diesel	Fuel Oil	Natural Gas	Petrol (ULP)	Solid Waste	Wood	Explosives	Other (specify)	TOTAL
* Amount burnt (t/yr)							23922						5656		<b>29578</b>

3. How much electricity in megawatt hours (MWh) did your facility consume during the reporting period, excluding that used for lighting or motive purposes?

0 MWh

4. Did your facility (please tick the relevant boxes below):

- burn a total of 400 tonnes or more of fuel during the reporting period? **AND/OR**
- burn one tonne or more of fuel in any one hour during the reporting period?

**Yes to either of the above** – you must estimate and report your facility's emission(s) of all Category 2a substances in kg/yr in the Substance Emission Table (pages 4 - 6).

- None of the above** – go to Question 5 below.

The Category 2a substances are:

Carbon monoxide, Fluoride compounds, Hydrochloric acid, Oxides of Nitrogen, Particulate Matter <2.5mm, Particulate Matter <10.0mm, Polycyclic Aromatic Hydrocarbons (PAH), Sulfur Dioxide, and Total Volatile Organic Compounds.

**Now go to Question 5 below.**

1. The NPI Guide defines usage as 'the handling, manufacture, import, processing, coincidental production or other use of the substance'. Refer to the NPI Guide for more information regarding substances, their thresholds and calculating your usage(s).

2. This information will not be made public.



# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section B: Substance Emission Information

5. Did your facility (please tick the relevant box(es) below):

- burn 2000 tonnes or more of fuel or waste in the reporting year? **AND/OR**
  - consume 60 000 megawatt hours or more of electrical energy for other than lighting or motive purposes in the reporting year? **AND/OR**
  - have a maximum potential power consumption of 20 megawatts or more for other than lighting or motive purposes in the reporting year?
- Yes to any of the above** – you must estimate and report your facility's emission(s) of Category 2b substances in kg/yr in the Substance Emission Table (pages 4 - 6).
- None of the above** – go to Question 6 below.

Category 2b substances include all Category 2a substances (as listed above), plus:

Arsenic & compounds, beryllium & compounds, cadmium & compounds, chromium(III) compounds, chromium(VI) compounds, copper & compounds, lead & compounds, magnesium oxide fume, mercury & compounds, nickel & compounds, and polychlorinated dioxins & furans.

**Now go to Question 6 below.**

### CATEGORY 3 THRESHOLDS

Note: For further information on Category 3 substances and thresholds, see Section Two of the NPI Guide.

6. Did your facility emit to water and/or transfer to a mandatory reporting transfer destination a total of 15 tonnes or more of Total Nitrogen and/or a total of 3 tonnes or more of Total Phosphorus in the reporting year? <sup>3</sup>

- Yes** – you **must** estimate and report your facility's emission(s) to water and transfers to mandatory reporting transfer destinations in kg/yr of both Total Nitrogen and Total Phosphorus in the:
  - Substance Emission Table (pages 4 - 6) and;
  - Substance Transfer Table (pages 8 - 9).

You may also report your facility's transfers of these substances to voluntary reporting transfer destinations.

- No** – you are not required to report emissions or transfers for Total Nitrogen and Total Phosphorus.

### EMISSION ESTIMATION TECHNIQUES

For every NPI substance that trips a threshold, emissions to air, land and/or water must be reported. The method used to calculate the emissions must also be reported. There are five Emission Estimation Techniques (EETs) (listed in the table below) that may be used to calculate your facility's NPI emissions. Refer to the EET table below to determine the corresponding code for the EET used in reporting when completing the Substance Emission Table (pages 4-6).

Emission Estimation Technique (EET)	
Code	Description
1	Mass balance
2	Engineering calculations
3	Direct measurement
4	Emission factors
5	Approved alternative EET method

3. The threshold amounts of Total Phosphorus and Total Nitrogen refer to either the total amount emitted to water, the total amount transferred to a mandatory reporting transfer destination or a combination of the two

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section B: Substance Emission Information



Please circle corresponding EET code(s) used to estimate emissions  
Substance Emission Table

	Substance	NPI Threshold category	CAS No.	Usage (t/yr) <sup>1 2</sup>	EMISSIONS <sup>3</sup> (kg/yr)								
					Air				Water		Land		
					Stack or point source		Fugitive or nonpoint source		Total emission	Total emission	EET Code(s)	Total emission	EET code(s)
					Amount	EET Code(s)	Amount	EET Code(s)					
10	Antimony and compounds	1	7440-36-0	28.1		1 2 3 4 5	4.59	1 2 3 ④ 5	4.59		1 2 3 4 5		1 2 3 4 5
11	Arsenic and compounds	1,2b	7440-38-2	842		1 2 3 4 5	117	1 2 3 ④ 5	117		1 2 3 4 5	0.350	① 2 3 4 5
14	Beryllium and compounds	1,2b	7440-41-7	119		1 2 3 4 5	15.8	1 2 3 ④ 5	15.8		1 2 3 4 5		1 2 3 4 5
16	Boron and compounds	1	7440-42-8	1131		1 2 3 4 5	161	1 2 3 ④ 5	161		1 2 3 4 5		1 2 3 4 5
18	Cadmium and compounds	2b	7440-43-9	9.44		1 2 3 4 5	1.48	1 2 3 ④ 5	1.48	0.492	1 2 ③ 4 5		1 2 3 4 5
20	Carbon monoxide	1,2a,2b	630-08-0		54469	1 2 3 ④ 5	449756	1 2 3 ④ 5	504225		1 2 3 4 5		1 2 3 4 5
26	Chromium (III) and compounds	1,2b	7440-47-3	2364		1 2 3 4 5	447	1 2 3 ④ 5	447	9.23	1 2 ③ 4 5	1.61	① 2 3 4 5
27	Chromium (VI) and compounds	2b	7440-47-3			1 2 3 4 5		1 2 3 4 5			1 2 3 4 5		1 2 3 4 5
28	Cobalt and compounds	1	7440-48-4	399		1 2 3 4 5	61.3	1 2 3 ④ 5	61.3	4.92	1 2 ③ 4 5		1 2 3 4 5
29	Copper and compounds	1,2b	7440-50-8	4750		1 2 3 4 5	661	1 2 3 ④ 5	661		1 2 3 4 5	0.385	① 2 3 4 5
30	Cumene	1	98-82-8	236		1 2 3 4 5	14.9	1 2 3 ④ 5	14.9		1 2 3 4 5		1 2 3 4 5
42	Ethylbenzene	1	100-41-4	26.3		1 2 3 4 5	3.47	1 2 3 ④ 5	3.47		1 2 3 4 5		1 2 3 4 5
43	Ethylene glycol (1,2-ethanediol)	1	107-21-1	25.7		1 2 3 4 5		1 2 3 4 5			1 2 3 4 5		1 2 3 4 5
46	Fluoride and compounds	1,2a,2b	N/A	5293		1 2 3 4 5	715	1 2 3 ④ 5	715		1 2 3 4 5		1 2 3 4 5
50	Hydrochloric acid	2a,2b	7647-01-0			1 2 3 4 5		1 2 3 4 5			1 2 3 4 5		1 2 3 4 5
52	Lead and compounds	1,2b	7439-92-1	2948		1 2 3 4 5	565	1 2 3 ④ 5	565	4.92	1 2 ③ 4 5		1 2 3 4 5
53	Magnesium oxide fume	2b	1309-48-4			1 2 3 4 5		1 2 3 4 5			1 2 3 4 5		1 2 3 4 5
54	Manganese and compounds	1	7439-96-5	816525		1 2 3 4 5	229923	1 2 3 ④ 5	229923	24.6	1 2 ③ 4 5	3.01	① 2 3 4 5
55	Mercury and compounds	1b,2b	7439-97-6	0.380		1 2 3 4 5	0.0583	1 2 3 ④ 5	0.0583	0.246	1 2 ③ 4 5		1 2 3 4 5
64	Nickel and compounds	1,2b	7440-02-0	613		1 2 3 4 5	92.8	1 2 3 ④ 5	92.8	4.92	1 2 ③ 4 5		1 2 3 4 5
69	Oxides of nitrogen	2a,2b	N/A		121389	1 2 3 ④ 5	998879	1 2 3 ④ 5	1120267		1 2 3 4 5		1 2 3 4 5

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section B: Substance Emission Information



	Substance	NPI Threshold category	CAS No.	Usage (t/yr) <sup>1 2</sup>	EMISSIONS <sup>3</sup> (kg/yr)									
					Air					Water			Land	
					Stack or point source		Fugitive or nonpoint source			Total emission	Total emission	EET Code(s)	Total emission	EET code(s)
					Amount	EET Code(s)	Amount	EET Code(s)						
70	Particulate matter <10um	2a,2b	N/A		6381	1 2 3 ④ 5	2511605	1 2 3 ④ 5	2517986		1 2 3 4 5		1 2 3 4 5	
92	Particulate matter <2.5um	2a,2b	N/A		6225	1 2 3 ④ 5	60244	1 2 3 ④ 5	66469		1 2 3 4 5		1 2 3 4 5	
73	Polychlorinated dioxins and furans	2b	N/A			1 2 3 4 5		1 2 3 4 5			1 2 3 4 5		1 2 3 4 5	
74	Polycyclic aromatic hydrocarbons	2a,2b	N/A	87.0	0.000739	1 2 3 ④ 5	6.02	1 2 3 ④ 5	6.03		1 2 3 4 5		1 2 3 4 5	
75	Selenium and compounds	1	7782-49-2	169		1 2 3 4 5	24.7	1 2 3 ④ 5	24.7	11.1	1 2 ③ 4 5	0.596	① 2 3 4 5	
77	Sulphur dioxide	2a,2b	7446-09-5		65.0	1 ② 3 4 5	418	1 ② 3 ④ 5	483		1 2 3 4 5		1 2 3 4 5	
81	Toluene (methylbenzene)	1	108-88-3	24.2	18.0	1 2 3 ④ 5	78.5	1 2 3 ④ 5	96.5		1 2 3 4 5		1 2 3 4 5	
83	Total nitrogen	3	N/A			1 2 3 4 5		1 2 3 4 5		15514	1 2 ③ 4 5		1 2 3 4 5	
84	Total phosphorus	3	N/A			1 2 3 4 5		1 2 3 4 5		113	1 2 ③ 4 5		1 2 3 4 5	
85	Total volatile organic compounds	1a,2a,2b	N/A	1837	5136	1 2 3 ④ 5	63109	1 2 3 ④ 5	68245		1 2 3 4 5		1 2 3 4 5	
89	Xylenes	1	1330-20-7	83.4	12.5	1 2 3 ④ 5	57.5	1 2 3 ④ 5	70.0		1 2 3 4 5		1 2 3 4 5	
90	Zinc and compounds	1	7440-66-6	1355		1 2 3 4 5	186	1 2 3 ④ 5	186	4.92	1 2 ③ 4 5		1 2 3 4 5	

1. This information will not be made public.

2. The NPI Guide defines usage as 'the handling, manufacture, import, processing, coincidental production or other use of the substance'. Refer to the NPI Guide for more information regarding substances, their thresholds and calculating your usage(s).

3. A significant difference is a substance that was reported previously that has not been reported in this report, a 50% decrease in reported emission or transfer of any substance or a 100% increase in reported emission or transfer of any substance

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section B: Substance Emission Information



7. Were there any substance emissions you could not estimate due to a lack of emission factors or other means of estimation? If so, list in the table below.

SUBSTANCE	COMMENT
Chromium (VI) and compounds	Other: No EET available for combustion processes
Ethylene glycol (1,2-ethanediol)	Other: No emissions identified
Hydrochloric acid	Other: HCl not used onsite
Magnesium oxide fume	Other: No EET
Polychlorinated dioxins and furans	Other: No emissions identified

8. Emissions and significant differences - please refer to current reporting period data and your previous year's NPI report data to answer the following questions and complete the corresponding tables below.

### OMITTED SUBSTANCES <sup>1 3</sup>

a) Were there any substances reported in the previous year's report that have not been reported in this report?

**Yes** – You **MUST** detail the relevant substance(s) and the reason for their omission in the section below.  **No** – go to b) below.

### EMISSION DECREASES <sup>1 3</sup>

b) Are there any substances reported in this report that have had a significant decrease in emissions compared to the previous year's report?

**Yes** - You **MUST** detail the relevant substance(s) and the reason for their decreased emission in the section below.  **No** – go to c) below.

SUBSTANCE		REASON FOR DECREASE
Manganese and compounds	Significant decrease to land	Activity Decrease and change in samples

### EMISSION INCREASES <sup>1 3</sup>

c) Are there any substances reported in this report that have had a significant increase in emissions compared to the previous year's report?

**Yes** - You **MUST** detail the relevant substance(s) and the reason for their increased emission in the section below.  **No** – no action required.

SUBSTANCE		REASON FOR INCREASE
Carbon monoxide	Significant increase to air fugitive	Activity Increase
Chromium (III) and compounds	Significant increase to water	Activity Increase and change in samples

1. This information will not be made public.

2. The NPI Guide defines usage as 'the handling, manufacture, import, processing, coincidental production or other use of the substance'. Refer to the NPI Guide for more information regarding substances, their thresholds and calculating your usage(s).

3. A significant difference is a substance that was reported previously that has not been reported in this report, a 50% decrease in reported emission or transfer of any substance or a 100% increase in reported emission or transfer of any substance



**SUPPLEMENT TO NPI SECTION B REPORTING FORM  
Substance Emission Information**

Note: This supplement contains issues not covered by Section B/D Part 3 that will be required to be reported in the electronic transmission to the NPI database. This supplement is not contained in the standard NPI paper form and does not form part of the standard NPI paper submission.

SUBSTANCE	ISSUE	REASON
Arsenic and compounds	Destination (or Air source) has changed since previous report	Other: Additional sampling of substances to land
Chromium (III) and compounds	Destination (or Air source) has changed since previous report	Other: Additional sampling of substances to land
Copper and compounds	Destination (or Air source) has changed since previous report	Other: No emissions to water identified
Selenium and compounds	Destination (or Air source) has changed since previous report	Other: Additional sampling of substances to land
Total nitrogen	Substance not reported in last report	Usage below threshold
Total phosphorus	Substance not reported in last report	Usage below threshold

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section C: Emission Reduction Activities



### 1. CLEANER PRODUCTION ACTIVITIES (Source reduction)

Please tick the corresponding box if your facility currently carries out any of the source reduction techniques listed below:

	Description	Comments
<input type="checkbox"/>	Changed from solvent based to aqueous based raw materials	
<input type="checkbox"/>	Changed product specifications	
<input type="checkbox"/>	Changed production schedules to minimise equipment/feedstock changeovers	
<input type="checkbox"/>	Community consultative committee	
<input checked="" type="checkbox"/>	Dust suppression - water sprays/chemical suppression	Yes
<input type="checkbox"/>	Dust suppression - wind breaks/covered/enclosed stockpiles	
<input type="checkbox"/>	Implemented inspection or monitoring program for potential spill or leak sources	
<input checked="" type="checkbox"/>	Improved maintenance scheduling, record keeping, or procedures	Yes
<input type="checkbox"/>	Improved procedures for loading, unloading or transfer operations	
<input type="checkbox"/>	Installed high-pressure/low-volume cleaning equipment	
<input type="checkbox"/>	Installed overflow alarms or automatic shut-off valves	
<input type="checkbox"/>	Installed vapour recovery systems (VRS)	
<input type="checkbox"/>	Modified packaging	
<input type="checkbox"/>	Modified process, equipment, layout, or piping	
<input type="checkbox"/>	Other modifications/practices (please specify)	
<input type="checkbox"/>	Use of cleaner raw materials	

### 2. INSTALLATION OF POLLUTION CONTROL EQUIPMENT ('End of pipe' reduction)

Please tick the corresponding box if your facility currently employs any of the pollution control technologies listed below:

	Description	Year Installed	Comments
<input type="checkbox"/>	Activated carbon filter		
<input type="checkbox"/>	Bio scrubber		
<input type="checkbox"/>	Biofilter		
<input type="checkbox"/>	Cyclone/Multicyclone		
<input type="checkbox"/>	Dry scrubber		
<input type="checkbox"/>	Dust monitor		
<input type="checkbox"/>	Electrostatic precipitator		
<input type="checkbox"/>	Fabric filter/baghouse		
<input type="checkbox"/>	Incineration/afterburner		
<input type="checkbox"/>	Low NOx burner		
<input type="checkbox"/>	Mist eliminator		
<input type="checkbox"/>	Opacity monitor		
<input type="checkbox"/>	Other pollution control equipment (please specify)		
<input type="checkbox"/>	Thermal oxidiser		
<input checked="" type="checkbox"/>	Wastewater treatment	2002	Yes
<input type="checkbox"/>	Wet scrubber		

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section D: Substance Transfer Information

Note: For further information on transfers, see Section Four of the NPI Guide.



- 1 Did your facility trip and report for one or more Category 1, 1b and/or Category 3 substances?
  - Yes** - go to question 2 below.
  - No** - you are not required to report transfers.
- 2 Were the reported substances also contained in waste streams <sup>1</sup> ?
  - Yes** - go to question 3 below.
  - No** - you are not required to report transfers.
- 3 Were the waste streams to mandatory reporting transfer destinations?
  - Yes** - you **must** report transfers of the substances to mandatory reporting transfer destinations in the Substance Transfer Table below. You may also report transfers of the substances to voluntary reporting transfer destinations in the Substance Transfer Table below.
  - No** - you **may** report transfers of the applicable substances to voluntary reporting transfer destinations in the Substance Transfer Table below.

Transfer Estimation Technique (TET)	
Code	Description
1	Mass balance
2	Engineering calculations
3	Direct measurement
4	Transfer factors
5	Approved alternative TET

Substance Transfer Table Note: for substance transfers with multiple destinations, please use a separate row to list each destination

Substance <sup>2</sup>	Transfer amount (kg/yr)	TET code(s) (circle)	Off-site or on-site destination (select ONE reference number from 1-27 as listed in table to the right)
Antimony and compounds	316	1 2 3 ④ 5	18
Arsenic and compounds	79.6	1 2 3 ④ 5	18
Chromium (III) and compounds	831	1 2 3 ④ 5	18
Copper and compounds	621	1 2 3 ④ 5	18
Lead and compounds	1836	1 2 3 ④ 5	18
Mercury and compounds	0.309	1 2 3 ④ 5	18
Nickel and compounds	49.9	1 2 3 ④ 5	18
Selenium and compounds	8.84	1 2 3 ④ 5	18
Zinc and compounds	2895	1 2 3 ④ 5	18
Antimony and compounds	742	① 2 3 4 5	26
Arsenic and compounds	12363	① 2 3 4 5	26
Beryllium and compounds	1804	① 2 3 4 5	26
Boron and compounds	43027	① 2 3 4 5	26
Chromium (III) and compounds	63004	① 2 3 4 5	26
Cobalt and compounds	9458	① 2 3 4 5	26

Ref. No.	Off-site Destination	Ref. No.	On-site Destination
1	Off-site Destruction	16	On-site Energy recovery <sup>^</sup>
2	Off-site Energy recovery <sup>^</sup>	17	On-site Immobilisation <sup>^</sup>
3	Off-site Immobilisation <sup>^</sup>	18	On-site Landfill
4	Off-site Landfill	19	On-site Long term waste storage
5	Off-site Long term waste storage	20	On-site Partial purification <sup>^</sup>
6	Off-site Partial purification <sup>^</sup>	21	On-site Purification <sup>^</sup>
7	Off-site Purification <sup>^</sup>	22	On-site Recycling <sup>^</sup>
8	Off-site Recycling <sup>^</sup>	23	On-site Remediation <sup>^</sup>
9	Off-site Remediation <sup>^</sup>	24	On-site Reprocessing <sup>^</sup>
10	Off-site Reprocessing <sup>^</sup>	25	On-site Reuse <sup>^</sup>
11	Off-site Reuse <sup>^</sup>	26	On-site Tailings storage
12	Off-site Sewerage	27	On-site Underground injection
13	Off-site Tailings storage		
14	Off-site Treatment		
15	Off-site Underground injection		

<sup>^</sup> Indicates voluntary reporting transfer destinations

**NATIONAL POLLUTANT INVENTORY – REPORTING FORM****Section D: Substance Transfer Information**

Note: For further information on transfers, see Section Four of the NPI Guide.



Substance <sup>2</sup>	Transfer amount (kg/yr)	TET code(s) (circle)	Off-site or on-site destination (select ONE reference number from 1-27 as listed in table to the right)
Copper and compounds	116407	① 2 3 4 5	26
Fluoride and compounds	123550	① 2 3 4 5	26
Lead and compounds	461765	① 2 3 4 5	26
Manganese and compounds	49871028	① 2 3 4 5	26
Mercury and compounds	16.0	① 2 3 4 5	26
Nickel and compounds	20392	① 2 3 4 5	26
Selenium and compounds	3991	① 2 3 4 5	26
Zinc and compounds	28820	① 2 3 4 5	26

1. Waste stream is the flow or movement of wastes from the point of generation to final disposal.

2. Please write the names of all substances you are reporting transfers for.

**NATIONAL POLLUTANT INVENTORY – REPORTING FORM****Section D: Substance Transfer Information**

Note: For further information on transfers, see Section Four of the NPI Guide.



4. Transfers and significant differences - please refer to current reporting period data and your previous year's NPI report data to answer the following questions and complete the corresponding tables below.

**OMITTED TRANSFERS <sup>1</sup>**

a) Of the Category 1, 1b and/or Category 3 substances for which your facility tripped thresholds, were there any substances you did not report transfers for?

**Yes** – you **MUST** detail the relevant substance transfer(s) and the reason for their omission in the section below.  **No** – go to b) below.

SUBSTANCE	REASON FOR OMISSION
Cumene	Other: No transfer to a mandatory destination identified
Ethylbenzene	Other: No transfer to a mandatory destination identified
Ethylene glycol (1,2-ethanediol)	Other: No transfer to a mandatory destination identified
Toluene (methylbenzene)	Other: No transfer to a mandatory destination identified
Total nitrogen	Other: No transfer to a mandatory destination identified
Total phosphorus	Other: No transfer to a mandatory destination identified
Xylenes	Other: No transfer to a mandatory destination identified

**TRANSFER DECREASES <sup>1 2</sup>**

b) Are there any substances reported in this report that have had a significant <sup>2</sup> decrease in transfer(s) from the previous year's report?

**Yes** - you **MUST** detail the relevant substance(s) and the reason for their decreased transfer(s) in the section below.  **No** – go to c) below.

**TRANSFER INCREASES <sup>1 2</sup>**

c) Are there any substances reported in this report that has had a significant <sup>1</sup> increase in transfer(s) from the previous year's report?

**Yes** - you **MUST** detail the relevant substance(s) and the reason for their increased transfer(s) in the section below.  **No** – no action required.

SUBSTANCE	REASON FOR INCREASE
Antimony and compounds	Activity Increase
Arsenic and compounds	Activity Increase
Chromium (III) and compounds	Activity Increase
Copper and compounds	Activity Increase
Lead and compounds	Activity Increase
Mercury and compounds	Activity Increase
Nickel and compounds	Activity Increase
Selenium and compounds	Activity Increase
Zinc and compounds	Activity Increase

# NATIONAL POLLUTANT INVENTORY – REPORTING FORM

## Section D: Substance Transfer Information



Note: For further information on transfers, see Section Four of the NPI Guide.

1. This information will not be made public
2. A significant difference is a substance that was reported previously that has not been reported in this report, a 50% decrease in reported emission or transfer of any substance or a 100% increase in reported emission or transfer of any substance.

**NATIONAL POLLUTANT INVENTORY – REPORTING FORM**  
**Section E: Certification**



**RESOURCES INCURRED IN COMPLETING THIS FORM**

Internal costs – confidential statement, not to be made public

\$

External costs (consultants, analysis) - confidential statement, not to be made public.

\$24,610

Would you like to make a public statement? This statement may be published on the NPI website.

Would you like to make a confidential statement? This statement will not be published on the NPI website.

**CHECKLIST**

Please tick each box when sections are complete to assist with the completion of this reporting form.

**SECTION A: REPORTING FACILITY INFORMATION**

- Reporting period
- Company and facility details
- Public enquiries contact
- Technical enquiries contact

**SECTION B: SUBSTANCE EMISSION INFORMATION**

- Fuel table
- Substance Emission Table
- Emissions and significant differences

**SECTION C: EMISSION REDUCTION ACTIVITIES**

- Cleaner production activities
- Pollution control equipment

**SECTION D: SUBSTANCE TRANSFER INFORMATION**

- Substance Transfer Table
- Transfers and significant differences

**SECTION E: CERTIFICATION**

**Please tick and sign below when all other Sections are complete**

**CERTIFICATION (to be completed by the facility occupier)**

I certify that I have reviewed this form and the supporting documentation, and to the best of my knowledge and ability, all the information provided in this form:

Please tick

- has been estimated or extrapolated using all due care and diligence and in accordance with the relevant industry estimation technique(s); and/ or
- has been estimated or extrapolated using all due care and diligence and in accordance with estimation techniques agreed by my state or territory environment agency.

**DETAILS OF FACILITY OCCUPIER <sup>1</sup>**

Name  
 Richard Darcey

Position  
 General Manager

Facility  
 WA0298 Woodie Woodie

Date  
 \_\_\_\_\_

Signature  
 \_\_\_\_\_

Please send this form to your local jurisdiction. Contact details are available from <http://www.npi.gov.au/contacts/state-territory.html>

1. The facility occupier is defined in the NEPM as: "in relation to any facility means a person who is in occupation or control of the facility whether or not that person is the owner of the facility."