

24 March, 2014

 Cnr Hill Road & Pondage Link,
 Homebush Bay,
 NSW 21276

EPL 4560:

<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=29520&SYSUID=1&LICID=4560>

Data for Emission results for Annual Testing

Transpacific Technical Services Annual emission Results for 21-23/01/14 received 5 March 2014.

Pollutant	Units of measure	Point 1	Point 2	Point 3	Point 4	Limits
Cadmium	milligrams per cubic metre	0.000031	NA	NA	NA	1.0
Carbon dioxide	percent	0.9	NA	NA	NA	NA
Carbon monoxide	milligrams per cubic metre	17	NA	NA	NA	NA
Chlorine	grams per cubic metre	0.00007	NA	NA	NA	0.2
Dioxins & Furans	nanograms per cubic metre	0.035	NA	NA	0.012	0.1
Fluorine	milligrams per cubic metre	0.073	NA	NA	NA	50.0
Hydrogen Sulfide	grams per cubic metre	<0.0000011	NA	NA	NA	0.005
Hydrogen chloride	grams per cubic metre	0.00021	NA	NA	NA	0.1
Mercury	milligrams per cubic metre	0.00037	NA	NA	NA	1.0
Moisture content	percent	5.3	NA	NA	6.9	NA
Molecular weight of stack gases	grams per gram mole	28.5	NA	NA	28.3	NA
Nitric acid	grams per cubic metre	0.00019	NA	NA	NA	NA
Nitrogen Oxides	grams per cubic metre	0.018	NA	NA	NA	2.0
Odour	odour units per cubic metre per second	3,800	NA	NA	5300	NA
Oxygen (O2)	percent	19.7	NA	NA	19.1	NA
Solid Particles	milligrams per cubic metre	NA	NA	NA	NA	100.0
Sulfuric acid mist and sulfur trioxide (as SO3)	milligrams per cubic metre	0.011	NA	NA	NA	80
Temperature	Kelvin	348	NA	NA	473	NA
Type 1 and Type 2 substances in aggregate	milligrams per cubic metre	0.02	NA	NA	NA	5.0
Velocity	metres per second	11	NA	NA	13	NA
Volumetric flowrate	normalised cubic metres per second	3.8	NA	NA	8.4	NA

NA testing is not required.

DISCHARGES TO THE ENVIRONMENT
LOCATION OF SOURCES

- A. Main Thermal Oil Heater Stack (air)
- B. Auxiliary Thermal Oil Heater Stack (air)
- C. RPP Thermal Oxidiser Stack (air)
- D. Central Thermal Oxidiser/Dryer Plant Stack (air)
- E. First Flush Storm Water Management System Outlet (water)

PRELIMINARY

0 100 200 300 400
FEET

WASTE MANAGEMENT CENTER
CONCRETE WATER PLANT

PLANT LAYOUT
SITE PLAN
DISCHARGE POINTS

FOR INFORMATION ON

DATE: 1-14-2010

SCALE: 1" = 100'