

31 March 2016

CLEANAWAY
OPERATIONS PTY LTD
ABN: 40 010 745 383

Cnr Hill Road and Pondage Link,
Homebush NSW

EPL 4560:

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

Data for Emission results

Cleanaway Operations Homebush Stack Emission Results for 16-18 February 2016 received 29 March 2016.

Pollutant	Units of measure	Point A	Point D	Limits
Cadmium	milligrams per cubic metre	<0.0005	NR	1
Carbon dioxide	percent	1.4	1.2	NA
Carbon monoxide	milligrams per cubic metre	15	84	NA
Chlorine	grams per cubic metre	<0.02	NR	0.2
Dioxins & Furans	nanograms per cubic metre	0.00063	0.0019	0.1
Fluorine	milligrams per cubic metre	<0.03	NR	50.0
Hydrogen Sulfide	milligrams per cubic metre	<0.002	NR	5
Hydrogen chloride	milligrams per cubic metre	<0.03	0.86	100
Mercury	milligrams per cubic metre	0.0028	NR	1.0
Moisture content	percent	9.1	5.1	NA
Molecular weight of stack gases	grams per gram mole	28.1	28.5	NA
Nitric acid	milligrams per cubic metre	<0.03	NR	NA
Nitrogen Oxides	milligrams per cubic metre	18	26	2,000
Odour	Odour units	1500	1900	NA
Oxygen (O2)	percent	18.6	19.1	NA
Solid Particles	milligrams per cubic metre	2.3	NR	100.0
Sulfuric acid mist and sulfur trioxide (as SO3)	milligrams per cubic metre	0.027	NR	80
Temperature	Kelvin	320	467	NA
Type 1 and Type 2 substances in aggregate	milligrams per cubic metre	≤0.032	NR	5.0
Velocity	metres per second	7.8	15	NA
Volatile Organic Compounds	Milligrams per cubic metre	NA	NR	20
Volumetric flowrate	standard cubic metres per second	2.7	9.4	NA

NA testing is not required.

In Revision 1, the Column headings have been changed to make them consistent with the drawing below (ie, I have changed the column heading from "Point 1" to "point A".)

Site plan of the Auburn Waste Management Center. The plan shows the layout of the facility, including buildings, parking areas, and discharge points. Key features include:

- AUBURN WASTE MANAGEMENT CENTER**: The main facility, located in the center-left.
- SEWER PUMPING STATION SITE**: Located in the top right.
- WATER RECLAMATION PLANT SITE**: Located in the bottom right.
- OLD HILL LINK**: A road or path running horizontally across the bottom.
- DISCHARGES TO THE ENVIRONMENT**:
 - 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**: A stamp indicating the plan is preliminary.
- FOR INFORMATION**: A stamp indicating the plan is for information.
- WASTE MANAGEMENT CENTER**: A stamp indicating the project name.
- PLANT LAYOUT SITE PLAN DISCHARGE POINTS**: A stamp indicating the plan's purpose.
- DATE**: A stamp indicating the date of the plan.
- SCALE**: A stamp indicating the scale of the plan.
- PROJECT NO.**: A stamp indicating the project number.
- CLIENT**: A stamp indicating the client.
- DESIGNER**: A stamp indicating the designer.
- APPROVED**: A stamp indicating approval.
- DATE**: A stamp indicating the date of approval.