9 May 2016

CLEANAWAY
OPERATIONS PTY LTD
ABN: 40 010 745 383

Cnr Hill Road and Pondage Link,
Homebush NSW

EPL 4560:

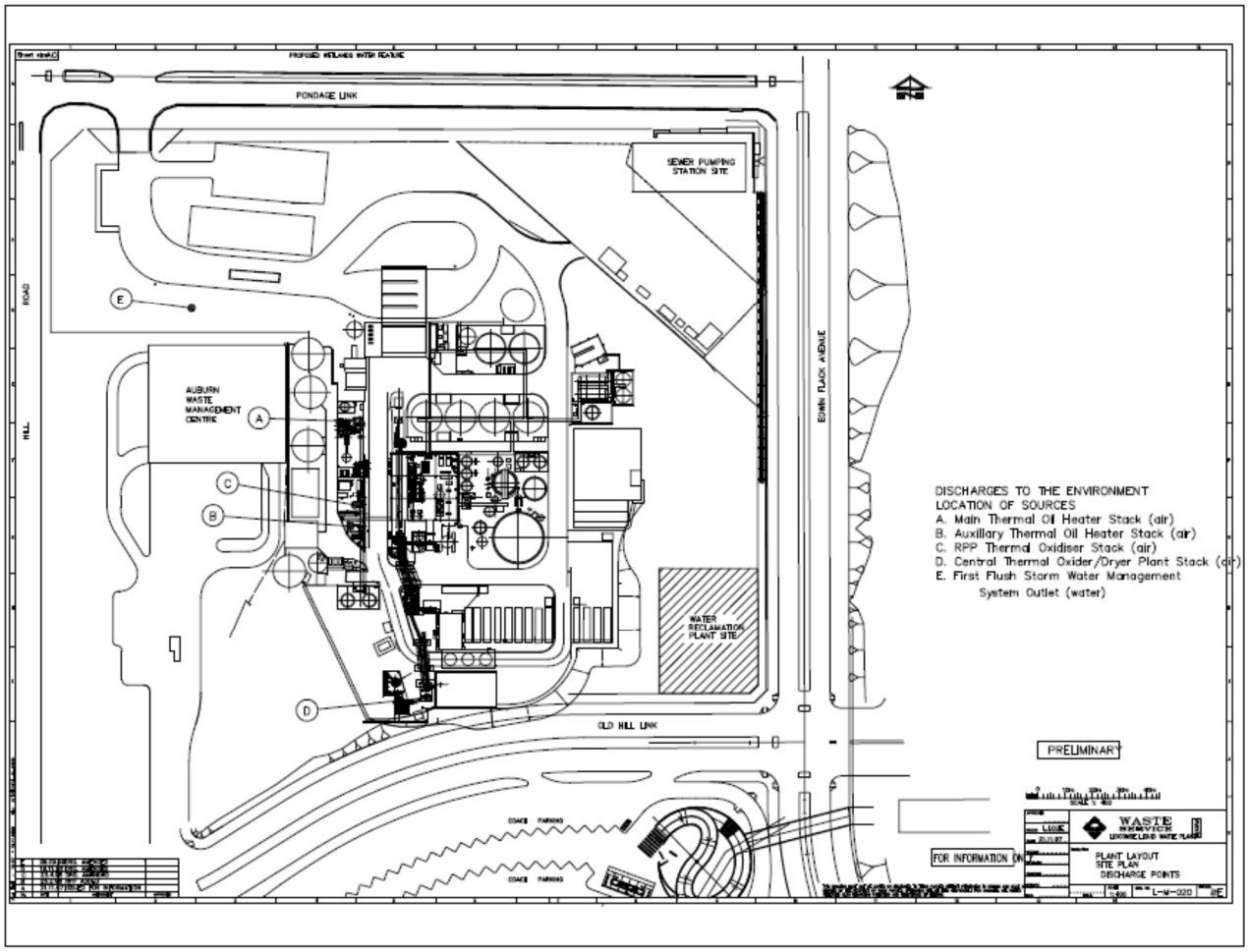
http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=29520&SYSUID=1&LICID=4560

Data for Emission results

Cleanaway Operations Homebush Stormwater Test Results.

Date Sampled		12/6/12	1/3/13	4/4/13	24/6/13	11/11/13	18/8/14	28/8/14	28/1/15	31/3/15	21/4/15	22/4/15	23/4/15	4/5/15	19/6/15	22/12/15	15/1/16
Date Finalised							27/8/14	20/9/14	17/3/15	23/4/15	1/5/15	30/4/15	2/5/15	25/5/15	10/7/15	13/1/16	4/2/16
Cyanide (CN) Total	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.005	<0.005	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Total Organic Carbon	mg/L	6	<5	<5	<5	<1	10	23	20	19	35	8	14	20	25	11	11
Ammonia (as N)	mg/L	4	8	8	32	23	32	5	11	16	42	12	13	11	33	4	10
BOD5	mg/L	<0.2	9	8	46	0.5	2.1	1.4	0.69	1.9	0.57	<0.2	0.58	<0.2	0.75	1.4	1.3
pH	--	6.7	<0.2	<0.2	0.55	7.5	8.7	8.1	7.3	8.7	9.5	8.2	7.5	7.4	8.9	7.8	7.8
Suspended Solids	mg/L	<25	6.6	7.46	7.9	8.3	8.7	<25	<25	<25	34	<25	<25	<25	<25	44	<25
Oil and Grease	mg/L	3	50	<5	<5	<5	39	<5	<5	<5	5	<5	6	6	<5	<5	<5
Silver (Ag)	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Arsenic (As)	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.04
Cadmium (Cd)	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium (Cr)	mg/L	<0.01	0.02	<0.01	<0.01	0.03	0.02	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.01	0.01	0.04
Copper (Cu)	mg/L	<0.02	0.03	<0.02	<0.02	0.03	0.02	0.02	<0.02	0.02	0.04	<0.02	0.02	0.03	<0.02	<0.02	<0.02
Iron (Fe)	mg/L	0.5	12	1.4	1	4.1	1.9	1.6	1.3	0.7	1.3	0.9	1	2	1.2	4.4	1.7
Molybdenum (Mo)	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nickel (Ni)	mg/L	<0.02	0.03	<0.02	<0.02	0.02	<0.02	0.02	<0.02	0.06	0.03	<0.02	0.02	0.03	0.02	0.02	<0.02
Lead (Pb)	mg/L	<0.01	0.02	<0.01	<0.01	0.02	0.01	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Selenium (Se)	mg/L	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Zinc (Zn)	mg/L	0.27	16	0.66	0.83	1.8	1.1	0.99	0.63	0.95	0.81	0.61	0.82	0.7	0.56	1.3	0.41
Mercury (Hg)	ug/L	<5	<5	<50	<5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Vinyl chloride	ug/L	<5	<5	<50	<5	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Methylene chloride	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-Trichloroethane	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
m+p-Xylene	ug/L	<5	<5	<2	<5	9	<5	5	6	<2	45	14	98	27	<2	<2	13
o-Xylene	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	8	<5	15	<5	<5	<5	8

Styrene	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Total TPH C6-C36	ug/L		1080	<100	<100	490	<100	<100	140	<100	240	150	<100	190	<100	<100	<100
Total Phenols	ug/L		760	<50	<50	290	<50	<50	80	<50	120	<50	<50	<50	<50	<50	<50
Polycyclic aromatic hydrocarbons	ug/L		1840	< 20	< 20	780	< 20	< 20	220	< 20	360	150	< 20	190	< 20	< 20	< 20
Trichloroethylene	ug/L		<5	<5	<5	<5	<5	<5	<5	<5	7	<5	12	7	<5	<5	<5

Cleanaway Operation Homebush - site plan.