

23rd October 2013

EPL 12231:

<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEO Licence.aspx?DOCID=27887&SYSUID=1&LICID=12231>

Data for Bi annual soil testing

Date Received: 27th September 2013

 Date Posted: 23rd October 2013

Data for Emission Point 1, bi annual testing.

Table 1. Soil Analytical Data – 29/03/13 to 28/09/13.

DATE SAMPLED			09/09/2013	09/09/2013	09/09/2013	09/09/2013
Paddock NAME			SL	SL	SL	SL
SAMPLING DEPTH			0-15 cm	15-30 cm	30-60 cm	60-90 cm
LRN	UNITS	LIMIT	N13/023319	N13/023320	N13/023321	N13/023322
total As	mg/kg	20	4.6			
total Cd	mg/kg	1	<0.5			
total Cr	mg/kg	100	12			
total Cu	mg/kg	100	32			
total Hg	mg/kg	1	<0.2			
total Ni	mg/kg	60	13			
total Pb	mg/kg	150	20			
total Se	mg/kg	5	0.7			
total Zn	mg/kg	200	60			
DDD	mg/kg	0.5	<0.02			
DDE	mg/kg	0.02	<0.02			
DDT	mg/kg	0.02	<0.02			
Aldrin	mg/kg	0.02	<0.02			
Dieldrin	mg/kg	0.02	<0.02			
Chlordane	mg/kg	0.02	<0.02			
Heptachlor	mg/kg	0.02	<0.02			
Heptachlor epoxide	mg/kg	0.02	<0.02			
HCB	mg/kg	0.02	<0.02			
Lindane	mg/kg	0.02	<0.02			
BHC	mg/kg	0.02	<0.02			
PCBs	mg/kg	-	<0.2			
pH	-	-	7.1			
EC	dS/m	-	0.1			
CEC	mEq/100g	-	35			
exch Na	mEq/100g	-	0.4			
exch K	mEq/100g	-	1.4			
exch Ca	mEq/100g	-	30			
exch Mg	mEq/100g	-	2.6			
exch Al	mEq/100g	-	<0.1			
TKN	Mg/kg	-	5400	3000	1400	1000

Data for Emission Point 2.

Table 2. Drill Mud Water Analytical Data – 29/09/12 to 28/03/13.

LRN		N13/023309	N13/023310	N13/023311	N13/023312	N13/023313
total As	20	0.021	0.021	0.036	0.020	0.041
total Cd	20	0.0007	0.001	0.001	0.0006	0.0009
total Cr	500	0.024	0.026	0.032	0.015	0.055
total Cu	2000	0.085	0.810	0.240	0.092	0.170
total Hg	15	0.0003	0.0003	0.0005	0.0003	0.0004
total Ni	270	0.015	0.015	0.062	0.028	0.054
total Pb	420	0.130	0.150	0.250	0.099	0.250
total Se	50	0.004	0.005	0.004	0.004	0.005
total Zn	2500	0.140	0.190	0.450	0.140	0.310
pH (pH units)		8.9	8.5	8.2	8.6	8.1
Total Solids (%)		-	-	-	-	-
DDD	1	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
DDE	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
DDT	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Aldrin	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dieldrin	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chlordane	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Heptachlor	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Heptachlor epoxide	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
HCB	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Lindane	0.5	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
BHC	-	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
PCBs	1	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo(a)pyrene	0.04	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Benzene	0.5	<0.001	<0.001	<0.01	<0.01	<0.01
Ethyl benzene	30	<0.001	<0.001	<0.01	<0.01	<0.01
TPH C6-C9	-	<0.025	<0.025	<0.025	<0.025	<0.025
TPH C10-C14	-	<0.025	<0.025	<0.025	<0.025	<0.025
TPH C15-C28	-	<0.1	<0.1	<0.1	<0.1	<0.1
TPH C29-C36	-	<0.1	<0.1	<0.1	<0.1	<0.1
TPH C10-C36	5000	<0.25	<0.25	<0.25	<0.25	<0.25

Units in mg/L unless otherwise specified



Blossom Lodge Licenced Area

TPI Organics
19 Riverleigh Ave
Gerroa NSW 2534



Map details

Job code: OPS01-0402
File Name: OPS01 Appin
Map Printed: 20.03.12
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