Licence 11149
Link to Licence http://www.environment.nsw.gov.au/prpoeoapp/
Name OneSteel Wire Pty Ltd
Address Industrial Drive, Mayfield, NSW, 2304
Samples Taken during Febrauary 2013 and Results received 26th March 2013.

Location	Units	PQL	Site	E5	M1/2C	M1/2S	M7/2	M8/2	M8/5	M8/9	E13	E6	F3	M2/1W	M6/1	M8/1EE	W3E	W3F	W4F	W5F	W6E	W6F	W7E	W7F	W8E	W8F	M9/4	W9E	E7	F4A	F6	F7	E12	E2A	E3A	E4
EPA Identifier			Guideline	22	33	34	35	38	36	37	9	8	17	29	32	26	3	10	11	12	4	13	5	14	6	15	7	31	23	25	30	24	27	19	20	21
Field Parameters																																				
pH	-	N/A	N/A	7.3	7.81	7.66	11.46	7.05	8.86	8.29	8.41	7.3	6.87	7.38	11.2	7.4	7.26	8.46	11.89	11.52	7.3	10.11	7.39	8.64	7.83	7.92	7.92	6.43	7.07	7.56	7.02	6.57	6.19	7.33	8.3	7.13
Electrical Conductivity	µs/cm	N/A	N/A	4012	1290	1375	1067	1649	464	870	5586	2186	1522	4379	1972	1700	4571	4016	5188	2059	11050	3526	19516	927	1958	486	486	469	1700	40337	769	23231	775	1833	1150	995
Dissolved Oxygen	ppm	N/A	N/A	5.84	4.94	6.47	5.09	4.22	5.25	4.89	4.78	4.42	4	6.55	10.05	7.82	5.9	6.67	5.07	9.04	5.55	4.4	4.31	4.7	7.66	6.3	63	6.04	8.43	7.25	4.74	5.06	5.94	7.75	8.71	2.87
Temperature	°C	N/A	N/A	21	23	22.04	22.4	22.3	22.4	24.6	21.6	22.1	22.4	20.8	23.7	23	21	20.6	22.5	23	21	21.6	21.3	21.3	21.5	23.5	23.5	21.7	22.2	21.1	25.2	22.8	22.7	21.3	22.2	22.7
Salinity	ppt	N/A	N/A	0.2	0.06	0.04	0.04	0.05	0.03	0.03	0.28	0.1	0.06	0.29	0.12	0.08	0.17	0.12	0.29	0.21	1.27	0.25	1.86	0.05	0.08	0.01	0.01	0.01	0.01	3.08	0.02	0.21	0.03	0.08	0.07	0.06
Analytes																																				
TRH C_6 - C_9	µg/L	10		<10	<10	<10	N/A	<10	N/A	N/A	<10	<10	40	N/A	<10	<10	<10	<10	<10	N/A	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	N/A	N/A	<10	<10	<10	2500
Benzene	µg/L	1	700[a]	<1	2	<1	N/A	<1	N/A	N/A	<1	<1	16	N/A	<1	<1	<1	<1	<1	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	N/A	N/A	<1	<1	<1	53
Toluene	µg/L	1	180[b]	<1	<1	<1	N/A	<1	N/A	N/A	<1	<1	6	N/A	<1	<1	<1	<1	1	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	N/A	N/A	<1	<1	<1	38
Ethylbenzene	µg/L	1	5[c]	<1	<1	<1	N/A	<1	N/A	N/A	<1	<1	2	N/A	<1	<1	<1	<1	<1	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	N/A	N/A	<1	<1	<1	810
m+p-xylene	µg/L	2	275[d^]	<2	<2	<2	N/A	<2	N/A	N/A	<2	<2	9	N/A	<2	<2	<2	<2	<2	N/A	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	N/A	N/A	<2	<2	<2	230
o-xylene	µg/L	1	350[d^]	<1	<1	<1	N/A	<1	N/A	N/A	<1	<1	12	N/A	<1	<1	<1	<1	<1	N/A	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	N/A	N/A	<1	<1	<1	130
TRH C_{10} - C_{14}	µg/L	50		<50	<50	<50	N/A	100	N/A	N/A	<50	<50	2000	N/A	<50	<50	<50	<50	<50	N/A	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	N/A	N/A	<50	<50	<50	9800
TRH C_{15} - C_{28}	µg/L	100		<100	<100	<100	N/A	<100	N/A	N/A	<100	<100	2400	N/A	<100	<100	<100	<100	<100	N/A	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	N/A	N/A	<100	<100	<100	1400
TRH C_{29} - C_{36}	µg/L	100		<100	<100	<100	N/A	<100	N/A	N/A	<100	<100	<100	N/A	<100	<100	<100	<100	<100	N/A	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	N/A	N/A	<100	<100	<100	<100
Total TRH	µg/L	N/A	7/275[e]	<100	2	<100	N/A	100	N/A	N/A	<100	<100	**4,485**	N/A	<100	<100	<100	<100	1	N/A	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	N/A	N/A	<100	<100	<100	**14,961**
Lead-Dissolved	µg/L	1	4.4[a]	<1	<1	<1	N/A	<1	N/A	N/A	<1	2	<1	N/A	<1	<1	<1	<1	<1	N/A		<1	<1	<1	<1	<1	<1	<1	<1	<1	N/A	N/A	<1	<1	<1	<1
Zinc-Dissolved	µg/L	1	15[a]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1500	8400	N/A	N/A	N/A	N/A
Ammonia as N in water	µg/L	5	910[a*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**4,100**	**8,700**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Cyanide	µg/L	4	7[f]	N/A	N/A	N/A	<4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Phenolics (as Phenol)	µg/L	50	400[a]	N/A	N/A	N/A	N/A	<50	N/A	N/A	N/A	N/A	90	N/A	N/A	N/A	N/A	N/A	N/A	<50	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	µg/L	1	90[b]	N/A	N/A	N/A	N/A	4	<1	<1	N/A	N/A	61	<1	<1	N/A	N/A	N/A	8	**280**	<1	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	**7700**
Acenaphthylene	µg/L	1		N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<10
Acenaphthene	µg/L	1		N/A	N/A	N/A	N/A	3	<1	<1	N/A	N/A	4	<1	1	N/A	N/A	N/A	1	4	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	760
Fluorene	µg/L	1		N/A	N/A	N/A	N/A	1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	82
Phenanthrene	µg/L	1	4[f]	N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	3	2	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	21
Anthracene	µg/L	1	1.5[f]	N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Fluoranthene	µg/L	1	1.7[f]	N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Pyrene	µg/L	1		N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Benzo(a)anthracene	µg/L	1		N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Chrysene	µg/L	1		N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Benzo(b+k)fluoranthene	µg/L	2		N/A	N/A	N/A	N/A	<2	<2	<2	N/A	N/A	<2	<2	<2	N/A	N/A	N/A	<2	<2	<2	<2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<2	N/A	N/A	<2	N/A	N/A	<2
Benzo(a)pyrene	µg/L	1	0.4[f]	N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Indeno(1,2,3-c,d)pyrene	µg/L	1		N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Dibenzo(a,h)anthracene	µg/L	1		N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Benzo(g,h,i)perylene	µg/L	1		N/A	N/A	N/A	N/A	<1	<1	<1	N/A	N/A	<1	<1	<1	N/A	N/A	N/A	<1	<1	<1	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	<1
Benzo(a)pyrene TEQ	µg/L	5		N/A	N/A	N/A	N/A	<5	<5	<5	N/A	N/A	<5	<5	<5	N/A	N/A	N/A	<5	<5	<5	<5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<5	N/A	N/A	<5	N/A	N/A	<5
Total PAH	µg/L	N/A		**N/A**	**N/A**	**N/A**	**N/A**	8	<5	<5	N/A	N/A	65	<5	1	N/A	N/A	N/A	14	**287**	<5	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<5	N/A	N/A	<5	N/A	N/A	**8563**

[a] Australian and New Zealand Environment Conservation Council (ANZECC) 95% Marine Water Quality Guideline Value
[b] (ANZECC) Alternative low reliability trigger value (QSAR-derived) at a 95% protection level
[c] (ANZECC) Assessment Factor method used for guideline value determination
[d] (ANZECC) Low reliability trigger value
[e] (ANZECC) Trigger value of 7µg/L is below laboratory detection level. The PQL of C6-C36 (275µg/L) has been adopted as the criteria value.
[f] (ANZECC) 90% Marine Water Quality Guideline Value
^(ANZECC) Freshwater figure adopted for marine
*(ANZECC) Guideline value based on a pH of 8.0

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