

Releases to Controlled Waters

Release summary for the month April-16

Operator: Tata Steel UK Ltd Release Point: W1 (LSO)
Location: Port Talbot Permit: BL7108

	S.Solids	COD	BOD	Sulphides	Thiocyanate	Cyanide	PAH	Phenols	A+N+N	Iron	Lead	Zinc	Nickel	Chromium	Oil	Date	Discharge	Discharge
	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)		Flow (m3/hr)	Flow (m3)
Week 1	44.6	0.0	0.0	0.0	2.6	0.000	0.000	0.030	28.2	3.9	0.0	0.5	0.01	0.00	1.3	01-Apr-16	2219	53261.7
																02-Apr-16	2322	55727.7
																03-Apr-16	2566	61579.8
																04-Apr-16	2710	65034.6
																05-Apr-16	2338	56117.0
																06-Apr-16	2358	56602.8
Week 2	16.9	43.0	0.0	0.0	1.4	0.000	0.000	0.400	28.5	1.7	0.0	0.3	0.00	0.00	2.5	07-Apr-16	2126	51031.8
																08-Apr-16	2057	49377.4
																09-Apr-16	2270	54471.4
																10-Apr-16	2155	51721.0
																11-Apr-16	2598	62345.2
																12-Apr-16	2934	70423.8
Week 3	19.1	28.0	0.0	0.0	1.0	0.000	0.000	0.300	29.4	2.3	0.1	0.5	0.00	0.10	2.0	13-Apr-16	2236	53657.5
																14-Apr-16	1676	40223.9
																15-Apr-16	1290	30951.4
																16-Apr-16	1277	30648.6
																17-Apr-16	2013	48307.2
																18-Apr-16	1409	33807.9
Week 4	24.6	29.0	0.0	0.0	3.0	0.010	0.006	0.100	33.7	1.7	0.1	0.5	0.00	0.06	3.2	19-Apr-16	1555	37329.1
																20-Apr-16	1785	42837.5
																21-Apr-16	2090	50158.7
																22-Apr-16	2188	52519.3
																23-Apr-16	2035	48835.5
																24-Apr-16	2008	48197.1
Week 5																25-Apr-16	2198	52749.1
																26-Apr-16	2188	52516.4
																27-Apr-16	2127	51040.5
																28-Apr-16	2572	61739.9
																29-Apr-16	1946	46701.2
																30-Apr-16	2265	54352.8
Mean																		
Weekly ave. limit	20	220	20	0.1	4	0.1	0.1	1	50	5	0.5	2.0	0.5	0.5	5.0			
Max																		
Hourly limit																	6000	

* Suspended solids reported to the NRW

Signed on behalf of the Operator

Dated 25-Jul-2016



Releases to Controlled Waters

Release summary for the month May-16

Operator: Tata Steel UK Ltd Release Point: W1 (LSO)
Location: Port Talbot Permit: BL7108

	S.Solids	COD	BOD	Sulphides	Thiocyanate	Cyanide	PAH	Phenols	A+N+N	Iron	Lead	Zinc	Nickel	Chromium	Oil	Date	Discharge	Discharge
	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)		Conc. (m3/hr)	Conc. (m3)
Week 1	60.00	25.00	0.00	0.00	3.08	0.000	0.003	0.070	30.45	2.70	0.00	0.60	0.00	0.00	3.30	01-May-16	2265	54352.84
																02-May-16	2395	57473.82
																03-May-16	1914	45934.91
																04-May-16	2435	58430.31
																05-May-16	1803	43271.13
																06-May-16	1602	38438.02
Week 2	34.90	0.00	0.00	0.00	1.12	0.010	0.005	0.000	32.65	3.80	0.00	0.60	0.14	0.00	0.30	07-May-16	1911	45855.3
																08-May-16	2364	56736.45
																09-May-16	1853	44478.44
																10-May-16	1416	33987.88
																11-May-16	1177	28255.99
																12-May-16	992	23811.26
Week 3	28.30	41.00	0.00	0.00	0.00	0.010	0.006	0.010	32.40	1.70	0.01	0.40	0.01	0.00	0.03	13-May-16	1577	37853.8
																14-May-16	2012	48276.19
																15-May-16	1500	35998.34
																16-May-16	1674	40175.12
																17-May-16	1783	42802.68
																18-May-16	1762	42294.99
Week 4	40.90	26.00	0.00	0.00	1.14	0.000	0.006	0.030	10.90	1.90	0.00	0.40	0.00	0.00	0.07	19-May-16	1459	35015.17
																20-May-16	1733	41601.12
																21-May-16	1588	38105.94
																22-May-16	1809	43409.34
																23-May-16	2100	50390.23
																24-May-16	2083	50002.67
Week 5																25-May-16	1843	44222.71
																26-May-16	1374	32974.55
																27-May-16	1620	38883.79
																28-May-16	1696	40700.48
																29-May-16	1487	35692.36
																30-May-16	1656	39739.03
Mean																31-May-16	1761	42262.58
Weekly ave. limit	20	220	20	0.1	4	0.1	0.1	1	50	5	0.5	2.0	0.5	0.5	5.0			
Max																		
Hourly limit																	6000	

* Suspended solids reported to the NRW

Signed on behalf of the Operator

Dated 25-Jul-2016



Releases to Controlled Waters

Release summary for the month June-16

Operator: Tata Steel UK Ltd Release Point: W1 (LSO)
Location: Port Talbot Permit: BL7108

	S.Solids	COD	BOD	Sulphides	Thiocyanate	Cyanide	PAH	Phenols	A+N+N	Iron	Lead	Zinc	Nickel	Chromium	Oil	Date	Discharge	Discharge
	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)	Conc. (mg/l)		Conc. (m3/hr)	Conc. (m3)
Week 1	68.60	37.00	0.00	0.00	1.30	0.010	0.002	0.030	15.80	1.70	0.03	0.40	0.000	0.000	0.04	01-Jun-16	2723	65355
																02-Jun-16	2540	60964
																03-Jun-16	2617	62815
																04-Jun-16	2401	57623
																05-Jun-16	2353	56468
																06-Jun-16	1921	46102
Week 2	50.30	0.00	0.00	0.00	2.10	0.000	0.011	0.010	15.92	1.00	0.03	0.50	0.000	0.000	2.70	07-Jun-16	1696	40704
																08-Jun-16	2441	58588
																09-Jun-16	2257	54169
																10-Jun-16	2091	50177
																11-Jun-16	2353	56473
																12-Jun-16	2302	55243
Week 3	61.10	14.00	0.00	0.00	1.50	0.000	0.000	0.010	15.76	1.90	0.01	0.50	0.060	0.000	1.40	13-Jun-16	2254	54105
																14-Jun-16	2133	51180
																15-Jun-16	2784	66814
																16-Jun-16	2755	66116
																17-Jun-16	2805	67311
																18-Jun-16	2234	53626
Week 4	45.10	58.00	0.00	0.00	2.60	0.000	0.009	0.010	10.27	1.50	0.04	1.10	0.010	0.000	1.40	19-Jun-16	2266	54388
																20-Jun-16	2670	64079
																21-Jun-16	2691	64594
																22-Jun-16	1934	46420
																23-Jun-16	1450	34792
																24-Jun-16	1916	45985
Week 5	37.70	18.00	0.00	0.00	1.01	0.000	0.001	0.130	15.40	1.20	0.06	0.70	0.040	0.000	4.79	25-Jun-16	2577	61845
																26-Jun-16	2739	65746
																27-Jun-16	2534	60821
																28-Jun-16	2314	55547
																29-Jun-16	3089	74128
																30-Jun-16	2624	62978
Mean																		
Weekly ave. limit	20	220	20	0.1	4	0.1	0.1	1	50	5	0.5	2.0	0.5	0.5	5.0			
Max Hourly limit																	6000	

* Suspended solids reported to the NRW

Signed on behalf of the Operator

Dated 25-Jul-2016

Form I&S W1 Monthly

Releases to Controlled Waters

Release summary for the quarter Apr to Jun-16

Operator: Tata Steel UK Ltd

Release Point: W5

Location: Port Talbot

Permit: BL7108

Parameter	Reporting Units	Apr	Month May	Jun	Limit
Dock Return	Max. monthly conc. of return (mg/l)	44.0	10.9	10.3	20 above background
Suspended solids	Max daily back-ground conc. (mg/l)	28.0	30.0	20.0	
	Mean background conc. (mg/l)	15.7	12.9	17.6	
Dock Flow	Max flowrate (m3/hour)	3605	9825	*	16000
	Max daily flowrate (m3/day)	72695	222250	*	350000
Dock Return Temperature	Max daily discharge temperature (C)	22	29	31	36
	Mean daily discharge temperature (C)	18	24	29	

*Monitor issues discussed with NRW

Signed on behalf of the Operator

..... 

Dated 27-Jul-2016

Form I&S W5

Releases to Controlled Waters

Release summary for the quarter Apr to Jun

Operator: Tata Steel UK Ltd

Release Point: W3 (ABO)

Location: Port Talbot

Permit: BL7108

Parameter	Reporting Units	Apr	Month May	Jun	Limit (weekly)
Suspended solids	Maximum daily concentration (mg/)	30	108	107	200
	Mean daily concentration (mg/)	19	35	32	
Oil and grease	Maximum daily concentration (mg/)	63	17	13	20
	Mean daily concentration (mg/)	9	6	6	
Number of days of discharge in the month		25	19	19	

*April weekly average reported to NRW

Signed on behalf of the Operator

..........

Dated 27-Jul-2016

Form I&S W3