

FED Post Abatement Metal Concentrations For August 2015 and September 2015

Month	Discharge no.	Date	Metals in Discharge (ppb)									Comments
			B	Cr	Fe	Ni	Cu	Zn	Cd	Pb	Hg	
Aug-15	57	01/08/2015	266	23	431	9	>11436	81	1	3	1	
	58	02/08/2015	318	21	418	>930	24	128	>9	3	1	
	59	09/08/2015	1709	40	636	339	>11436	>93000	>15	>337	2	
	60	10/08/2015	2827	28	599	19	54	167	1	5	2	
	61	12/08/2015	299	24	607	39	55	183	2	7	1	
	62	13/08/2015	254	27	548	27	27	115	2	5	1	
	63	14/08/2015	303	39	623	32	>11436	127	2	5	0	
	64	16/08/2015	314	39	558	>930	24	149	1	2	2	
	65	17/08/2015	288	40	634	53	39	159	2	3	7	
	66	19/08/2015	286	36	592	53	47	155	3	5	2	
	67	20/08/2015	303	23	472	60	58	89	2	4	>3	
	68	25/08/2015	490	4	1882	59	6	17	2	7	>5	
	69	26/08/2015	1222	141	1797	36	73	186	4	4	2	
70	29/08/2015	659	142	2101	>930	122	196	3	8	2		

Sep-15	71	01/09/2015	638	20	453	66	>11436	82	1	2	1	Contents of tank split into 2 discharges as the discharge tripped out within several minutes of sequence, possibly due to air in pump. 0.3m3 discharged on 01/09/2015 and 14.3m3 discharged on 02/09/2015.
	71a	02/09/2015										
	72	09/09/2015	-	-	-	-	-	-	-	-	-	Active Effluent Discharge
	73	10/09/2015	909	55	1244	19	29	206	2	9	2	
	74	16/09/2015	965	31	815	55	>11436	196	1	7	>6	
	75	21/09/2015	674	32	885	18	93	205	2	9	2	
	76	27/09/2015	1114	41	1023	19	88	188	2	8	2	

Mean	728.32	42.42	858.84	56.44	52.79	146.06	1.94	5.33	1.88
Max	2827.00	142.00	2101.00	339.00	122.00	206.00	4.00	9.00	7.00
Min	254.00	4.00	418.00	9.00	6.00	17.00	1.00	2.00	0.00

Key

- This is a bounding estimate reported if the relative standard deviation of results is up to 70%
- This is a bounding estimate reported if the relative standard deviation of results is up to 50%
- This is a bounding estimate reported if the relative standard deviation of results is up to 30%

Note: Most of the figures reported in the table above are less than values, the minimum detectable amounts but have been reported as actual values