

LLYSWEN V CL SLUDGE TANK

Sampling Point No:	360173	Location:	LLYSWEN WTW SLUDGE TANKERING POINT
Date Sampled:	17/09/2024	Time Taken:	09:20
Laboratory:	ALS	Sample ID:	8106472
No. of Results:	20		
Sampling Reason:	WTW Sludge - Product Monitoring (SW_ME)		
Type:	WTW Sludge (SW)		

Sample Results



Code	Result	Units	Qualifier	Lower Limit
238 Magnesium	3010	mg/kg		
288 Aluminium	118000	mg/kg		
357 Arsenic	23.8	mg/kg		
4620 pH	7.1	pH		
7774 Mercury	0.93	mg/kg	<	
8241 Volatile solids	33.3	%		
9233 Ammoniacal nitrogen	140	mg/kg	<	
9234 Sulphur	5610	mg/kg		
9271 Cadmium	0.44	mg/kg		
9272 Chromium	19	mg/kg		
9273 Copper	46.4	mg/kg		
9275 Nickel	24	mg/kg		
9276 Lead	39.8	mg/kg		
9277 Zinc	310	mg/kg		
9278 Iron	29900	mg/kg		
9281 % Dry solids	4.33	%		
9282 % Minerals	66.7	%		
9283 % K (dry weight)	0.11	mg/kg		
9284 % P (dry weight)	0.122	%		
9285 % N (dry weight)	1.16	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	363244	Location:	TALYBONT WTW SLUDGE TANKERING POINT
Date Sampled:	05/08/2024	Time Taken:	10:57
Laboratory:	ALS	Sample ID:	8056967
No. of Results:	20		
Sampling Reason:	WTW Sludge - Product Monitoring (SW_ME)		
Type:	WTW Sludge (SW)		

Sample Results



Code	Result	Units	Qualifier	Lower Limit
238 Magnesium	557	mg/kg		
288 Aluminium	199000	mg/kg		
357 Arsenic	17.9	mg/kg		
4620 pH	6.6	pH		
7774 Mercury	1.34	mg/kg	<	
8241 Volatile solids	37.4	%		
9233 Ammoniacal nitrogen	224	mg/kg		
9234 Sulphur	15300	mg/kg		
9271 Cadmium	0.48	mg/kg		
9272 Chromium	4.3	mg/kg	<	
9273 Copper	46	mg/kg		
9275 Nickel	3.86	mg/kg	<	
9276 Lead	6.2	mg/kg	<	
9277 Zinc	161	mg/kg		
9278 Iron	5400	mg/kg		
9281 % Dry solids	2.99	%		
9282 % Minerals	62.6	%		
9283 % K (dry weight)	0.0296	mg/kg		
9284 % P (dry weight)	0.362	%		
9285 % N (dry weight)	1.28	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	340282	Location:	ELAN WTW SLUDGE TANKERING POINT
Date Sampled:	15/07/2024	Time Taken:	13:39
Laboratory:	ALS	Sample ID:	8033562
No. of Results:	20		
Sampling Reason:	WTW Sludge - Product Monitoring (SW_ME)		
Type:	WTW Sludge (SW)		

Sample Results

Code	Result	Units	Qualifier	Lower Limit
238 Magnesium	691	mg/kg		
288 Aluminium	1840	mg/kg		
357 Arsenic	40.1	mg/kg		
4620 pH	7.6	pH		
7774 Mercury	1.58	mg/kg	<	
8241 Volatile solids	33.5	%		
9233 Ammoniacal nitrogen	242	mg/kg	<	
9234 Sulphur	1880	mg/kg		
9271 Cadmium	0.11	mg/kg	<	
9272 Chromium	17.6	mg/kg		
9273 Copper	11.1	mg/kg		
9275 Nickel	21.9	mg/kg		
9276 Lead	6.2	mg/kg	<	
9277 Zinc	92.1	mg/kg		
9278 Iron	363000	mg/kg		
9281 % Dry solids	2.53	%		
9282 % Minerals	66.5	%		
9283 % K (dry weight)	0.00995	mg/kg		
9284 % P (dry weight)	0.0442	%		
9285 % N (dry weight)	0.72	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit
