

Sampling Point No:	619819	Location:	ALAW WTW SLUDGE
Date Sampled:	28/11/2025	Time Taken:	09:44
Laboratory:	ALS	Sample ID:	8613416
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	463	mg/kg		
288 Aluminium	186000	mg/kg		
357 Arsenic	11.3	mg/kg		
4620 pH	6.8	pH		
7774 Mercury	0.44	mg/kg	<	
8241 Volatile solids	43.1	%		
9233 Ammoniacal nitrogen	576	mg/kg		
9234 Sulphur	9560	mg/kg		
9271 Cadmium	0.49	mg/kg	<	
9272 Chromium	19.1	mg/kg	<	
9273 Copper	34.7	mg/kg	<	
9275 Nickel	22.7	mg/kg	<	
9276 Lead	27.6	mg/kg	<	
9277 Zinc	54.7	mg/kg	<	
9278 Iron	7510	mg/kg		
9281 % Dry solids	11.3	%		
9282 % Minerals	56.9	%		
9283 % K (dry weight)	0.0437	mg/kg		
9284 % P (dry weight)	0.260	%	<	
9285 % N (dry weight)	1.53	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	622914	Location:	CEFNI WTW SLUDGE
Date Sampled:	11/11/2025	Time Taken:	10:44
Laboratory:	ALS	Sample ID:	8591164
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	675	mg/kg		
288 Aluminium	712000	mg/kg		
357 Arsenic	17.5	mg/kg		
4620 pH	6.8	pH		
7774 Mercury	0.69	mg/kg	<	
8241 Volatile solids	37.0	%		
9233 Ammoniacal nitrogen	434	mg/kg		
9234 Sulphur	15200	mg/kg		
9271 Cadmium	0.76	mg/kg	<	
9272 Chromium	29.7	mg/kg	<	
9273 Copper	53.9	mg/kg	<	
9275 Nickel	35.2	mg/kg	<	
9276 Lead	42.8	mg/kg	<	
9277 Zinc	84.9	mg/kg	<	
9278 Iron	5070	mg/kg		
9281 % Dry solids	2.92	%		
9282 % Minerals	63.0	%		
9283 % K (dry weight)	0.0601	mg/kg	<	
9284 % P (dry weight)	0.403	%	<	
9285 % N (dry weight)	1.06	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	698007	Location:	CWELLYN WTW SLUDGE
Date Sampled:	11/11/2025	Time Taken:	10:39
Laboratory:	ALS	Sample ID:	8591154
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	589	mg/kg		
288 Aluminium	848000	mg/kg		
357 Arsenic	28.4	mg/kg		
4620 pH	6.8	pH		
7774 Mercury	0.58	mg/kg	<	
8241 Volatile solids	48.5	%		
9233 Ammoniacal nitrogen	310	mg/kg		
9234 Sulphur	7590	mg/kg		
9271 Cadmium	0.87	mg/kg		
9272 Chromium	24.9	mg/kg	<	
9273 Copper	76.2	mg/kg		
9275 Nickel	32.2	mg/kg		
9276 Lead	35.9	mg/kg	<	
9277 Zinc	226	mg/kg		
9278 Iron	7290	mg/kg		
9281 % Dry solids	3.42	%		
9282 % Minerals	51.5	%		
9283 % K (dry weight)	0.0504	mg/kg	<	
9284 % P (dry weight)	0.338	%	<	
9285 % N (dry weight)	1.47	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	359181	Location:	DOLBENMAEN WTW SLUDGE
Date Sampled:	11/11/2025	Time Taken:	10:40
Laboratory:	ALS	Sample ID:	8591156
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	321	mg/kg		
288 Aluminium	1220000	mg/kg		
357 Arsenic	21.3	mg/kg		
4620 pH	7.0	pH		
7774 Mercury	0.60	mg/kg	<	
8241 Volatile solids	39.1	%		
9233 Ammoniacal nitrogen	384	mg/kg		
9234 Sulphur	9490	mg/kg		
9271 Cadmium	2.26	mg/kg		
9272 Chromium	26.0	mg/kg	<	
9273 Copper	47.1	mg/kg	<	
9275 Nickel	30.8	mg/kg	<	
9276 Lead	37.4	mg/kg	<	
9277 Zinc	319	mg/kg		
9278 Iron	5800	mg/kg		
9281 % Dry solids	3.30	%		
9282 % Minerals	60.9	%		
9283 % K (dry weight)	0.0525	mg/kg	<	
9284 % P (dry weight)	0.353	%	<	
9285 % N (dry weight)	1.12	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	698171	Location:	GARREGLWYD WTW SLUDGE
Date Sampled:	11/11/2025	Time Taken:	10:34
Laboratory:	ALS	Sample ID:	8591146
No. of Results:	20		
Sampling Reason:	WTW Sludge - Investigation (SW_SI)		
Type:	WTW Sludge (SW)		

Sample Results

Code	Result	Units	Qualifier	Lower Limit
238 Magnesium	387	mg/kg		
288 Aluminium	3810	mg/kg		
357 Arsenic	17.6	mg/kg		
4620 pH	6.4	pH		
7774 Mercury	0.32	mg/kg	<	
8241 Volatile solids	35.2	%		
9233 Ammoniacal nitrogen	97.9	mg/kg	<	
9234 Sulphur	2100	mg/kg		
9271 Cadmium	2.67	mg/kg		
9272 Chromium	16.2	mg/kg		
9273 Copper	35.4	mg/kg		
9275 Nickel	31.0	mg/kg		
9276 Lead	31.4	mg/kg		
9277 Zinc	331	mg/kg		
9278 Iron	383000	mg/kg		
9281 % Dry solids	6.21	%		
9282 % Minerals	64.8	%		
9283 % K (dry weight)	0.0281	mg/kg	<	
9284 % P (dry weight)	0.188	%	<	
9285 % N (dry weight)	0.766	%		

Comments:

Signed:

 Approved by:

Position:

Upper Limit

Sampling Point No:	698086	Location:	LLYN CONWY SLUDGE
Date Sampled:	12/12/2025	Time Taken:	10:37
Laboratory:	ALS	Sample ID:	8630914
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	396	mg/kg	<	
288 Aluminium	3090	mg/kg		
357 Arsenic	27.9	mg/kg		
4620 pH	5.8	pH		
7774 Mercury	0.41	mg/kg	<	
8241 Volatile solids	36.5	%		
9233 Ammoniacal nitrogen	126	mg/kg	<	
9234 Sulphur	5990	mg/kg		
9271 Cadmium	1.15	mg/kg	<	
9272 Chromium	44.9	mg/kg	<	
9273 Copper	81.4	mg/kg	<	
9275 Nickel	53.2	mg/kg	<	
9276 Lead	64.7	mg/kg	<	
9277 Zinc	317	mg/kg		
9278 Iron	437000	mg/kg		
9281 % Dry solids	4.89	%		
9282 % Minerals	63.5	%		
9283 % K (dry weight)	0.0908	mg/kg	<	
9284 % P (dry weight)	0.609	%	<	
9285 % N (dry weight)	0.595	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit

Sampling Point No:	698028	Location:	MYNYDD LLANDEGAI SLUDGE
Date Sampled:	11/11/2025	Time Taken:	10:43
Laboratory:	ALS	Sample ID:	8591162
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	587	mg/kg		
288 Aluminium	922000	mg/kg		
357 Arsenic	21.2	mg/kg		
4620 pH	7.0	pH		
7774 Mercury	0.50	mg/kg	<	
8241 Volatile solids	50.1	%		
9233 Ammoniacal nitrogen	151.4	mg/kg	<	
9234 Sulphur	6070	mg/kg		
9271 Cadmium	0.61	mg/kg		
9272 Chromium	21.4	mg/kg	<	
9273 Copper	88.2	mg/kg		
9275 Nickel	25.3	mg/kg	<	
9276 Lead	30.8	mg/kg	<	
9277 Zinc	125	mg/kg		
9278 Iron	4290	mg/kg		
9281 % Dry solids	4.01	%		
9282 % Minerals	49.9	%		
9283 % K (dry weight)	0.0432	mg/kg	<	
9284 % P (dry weight)	0.362	%		
9285 % N (dry weight)	1.06	%		

Comments:

Signed:

Approved by:

Position:

Upper Limit
