

Thornley Digester Plant - CLO Analysis Summary 2002-2008

		Historical Average - R&D Phase 2002-2005 (Longer residence and pre kerbside)	Commercial Operation Phase (~ 6 day process)				Average 2002-2008	CLEA STD (Commercial / Industrial Landscaping)	Dutch Soil Guidelines
			Average 6/05 - 6/06	Average 6/06 - 6/07	Average 6/07 - 6/08	Average 6/05 - 6/08			
No. Samples		39	16	23	16	55	94		
COPPER	mg/kg	203	123	127	109	120	141	n/a	<190
NICKEL	mg/kg	180	99	77	53	76	102	< 5000	n/a
LEAD	mg/kg	440	328	313	196	279	319	< 750	n/a
ZINC	mg/kg	513	318	548	338	401	429	n/a	<720
ARSENIC	mg/kg	8	3	3	3	3	4	<500	n/a
CADMIUM	mg/kg	1.4	0.7	0.8	0.8	0.8	1	<2	n/a
CHROMIUM	mg/kg	112	32	43	37	37	56	<5000	n/a
SELENIUM	mg/kg	0.37	0.30	0.30	0.30	0.3	0.3	<8000	n/a
MERCURY	mg/kg	0.30	0.26	0.40	0.41	0.4	0.3	<480	n/a
PHOSPHOROUS	mg/kg	2500	1878	1935	1792	1868	2026	no guidance	no guidance
POTASSIUM	mg/kg	5000	3267	3394	3529	3396	3797	no guidance	no guidance

E:COLI	cfu/g	<10	<10	<10	<10	<10	<10
SALMONELLA	P/A (per 25g)	absent	absent	absent	absent	absent	absent

MOISTURE	%	n/a	40	51	33	41	41
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pH		7.1	7.0	6.8	7.7	7.2	7.1
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NITROGEN	%	1.4	0.8	1.4	1.3	1.2	1.2
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Meets CLEA Std or Dutch Soil Std if no CLEA Std available

Meets DEFRA ABPR Std