

TOWN OF VERNON W. P. C. F.
Annual Sludge Summary 2017

Parameter	1/13/2017	3/10/2017	5/5/2017	7/14/2017	9/15/2017	11/17/2017
Arsenic	2.46 mg/kg	3.6 mg/kg	< 3.8 mg/kg	3.59 mg/kg	< 3.6 mg/kg	3.4 mg/kg
Beryllium	0.2 mg/kg	< 1.2 mg/kg	< 1.9 mg/kg	0.23 mg/kg	< 1.8 mg/kg	< 0.7 mg/kg
Cadmium	0.63 mg/kg	< 1.2 mg/kg	< 1.9 mg/kg	0.41 mg/kg	< 1.8 mg/kg	1.28 mg/kg
Chromium	18.9 mg/kg	21.6 mg/kg	20.3 mg/kg	15.2 mg/kg	28.6 mg/kg	41.5 mg/kg
Copper	311 mg/kg	404 mg/kg	372 mg/kg	387 mg/kg	632 mg/kg	512 mg/kg
Mercury	0.25 mg/kg	0.24 mg/kg	0.24 mg/kg	0.32 mg/kg	1.21 mg/kg	1.23 mg/kg
Nickel	14.5 mg/kg	19.8 mg/kg	15.9 mg/kg	12.7 mg/kg	19.1 mg/kg	35.1 mg/kg
Lead	17.9 mg/kg	30.9 mg/kg	54.3 mg/kg	31.2 mg/kg	22.6 mg/kg	71.5 mg/kg
Zinc	463 mg/kg	534 mg/kg	457 mg/kg	509 mg/kg	850 mg/kg	1370 mg/kg
Total Solids	6.05 %	6.99 %	6.12 %	6.59 %	4.20 %	6.37 %
Fixed Solids	20.2 %	23 %	21.6 %	21.5 %	16.6 %	21.5 %
Hexavalent Chromium	< 14.00 mg/kg	< 12.00 mg/kg	< 15.00 mg/kg	< 15.00 mg/kg	< 22.00 mg/kg	< 16.00 mg/kg
pH	5.3 su	5.51 su	5.12 su	4.84 su	4.84 su	4.77 su
Phosphorus	26400 mg/kg	23200 mg/kg	20400 mg/kg	19200 mg/kg	24200 mg/kg	17100 mg/kg
Total Petroleum Hydrocarbons	17000 mg/kg	20000 mg/kg	32000 mg/kg	32000 mg/kg	33000 mg/kg	26000 mg/kg
Volatile Solids	79.8 %	77 %	78.4 %	78.5 %	83.4 %	78.5 %
PCBs	ND mg/kg	ND mg/kg	ND mg/kg	ND mg/kg	ND mg/kg	ND mg/kg

2017 Sludge Tonnage | 1,189 | Dry Ton

TOWN OF VERNON W. P. C. F.
Annual Sludge Summary 2016

Parameter	1/8/2016	3/11/2016	5/13/2016	7/15/2016	9/16/2016	11/18/2016
Arsenic	6 mg/kg	5 mg/kg	2.4 mg/kg	3.3 mg/kg	< 3.1 mg/kg	< 3.2 mg/kg
Beryllium	< 1.2 mg/kg	< 1.7 mg/kg	< 1.1 mg/kg	0.24 mg/kg	< 1.6 mg/kg	< 1.6 mg/kg
Cadmium	< 1.2 mg/kg	< 1.7 mg/kg	< 1.1 mg/kg	0.53 mg/kg	< 1.6 mg/kg	< 1.6 mg/kg
Chromium	20.3 mg/kg	23.1 mg/kg	18.7 mg/kg	20.1 mg/kg	22.6 mg/kg	24.3 mg/kg
Copper	455 mg/kg	288 mg/kg	396 mg/kg	584 mg/kg	526 mg/kg	399 mg/kg
Mercury	1.04 mg/kg	0.13 mg/kg	0.28 mg/kg	0.54 mg/kg	0.35 mg/kg	0.7 mg/kg
Nickel	16.2 mg/kg	22.8 mg/kg	21.9 mg/kg	21.4 mg/kg	18.5 mg/kg	16.8 mg/kg
Lead	26 mg/kg	19.5 mg/kg	19.5 mg/kg	30.1 mg/kg	32.5 mg/kg	26.1 mg/kg
Zinc	596 mg/kg	357 mg/kg	560 mg/kg	736 mg/kg	682 mg/kg	535 mg/kg
Total Solids	5.07 %	6.22 %	6.89 %	5.05 %	5.59 %	7.08 %
Fixed Solids	25.2 %	19.9 %	30.2 %	20.2 %	21.1 %	18.8 %
Hexavalent Chromium	< 3.57 mg/kg	< 15.15 mg/kg	< 13.18 mg/kg	< 20.00 mg/kg	< 17.00 mg/kg	< 12.00 mg/kg
pH	5.43 su	5.73 su	4.96 su	5.03 su	4.77 su	4.96 su
Phosphorus	26800 mg/kg	10100 mg/kg	20000 mg/kg	19000 mg/kg	15100 mg/kg	22900 mg/kg
Total Petroleum Hydrocarbons	32000 mg/kg	30000 mg/kg	28000 mg/kg	28000 mg/kg	20000 mg/kg	21000 mg/kg
Volatile Solids	74.8 %	80.1 %	69.8 %	79.8 %	78.9 %	81.2 %
PCBs	ND mg/kg	ND mg/kg	ND mg/kg	ND mg/kg	ND mg/kg	ND mg/kg

2016 Sludge Tonnage	1,112	Dry Ton
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