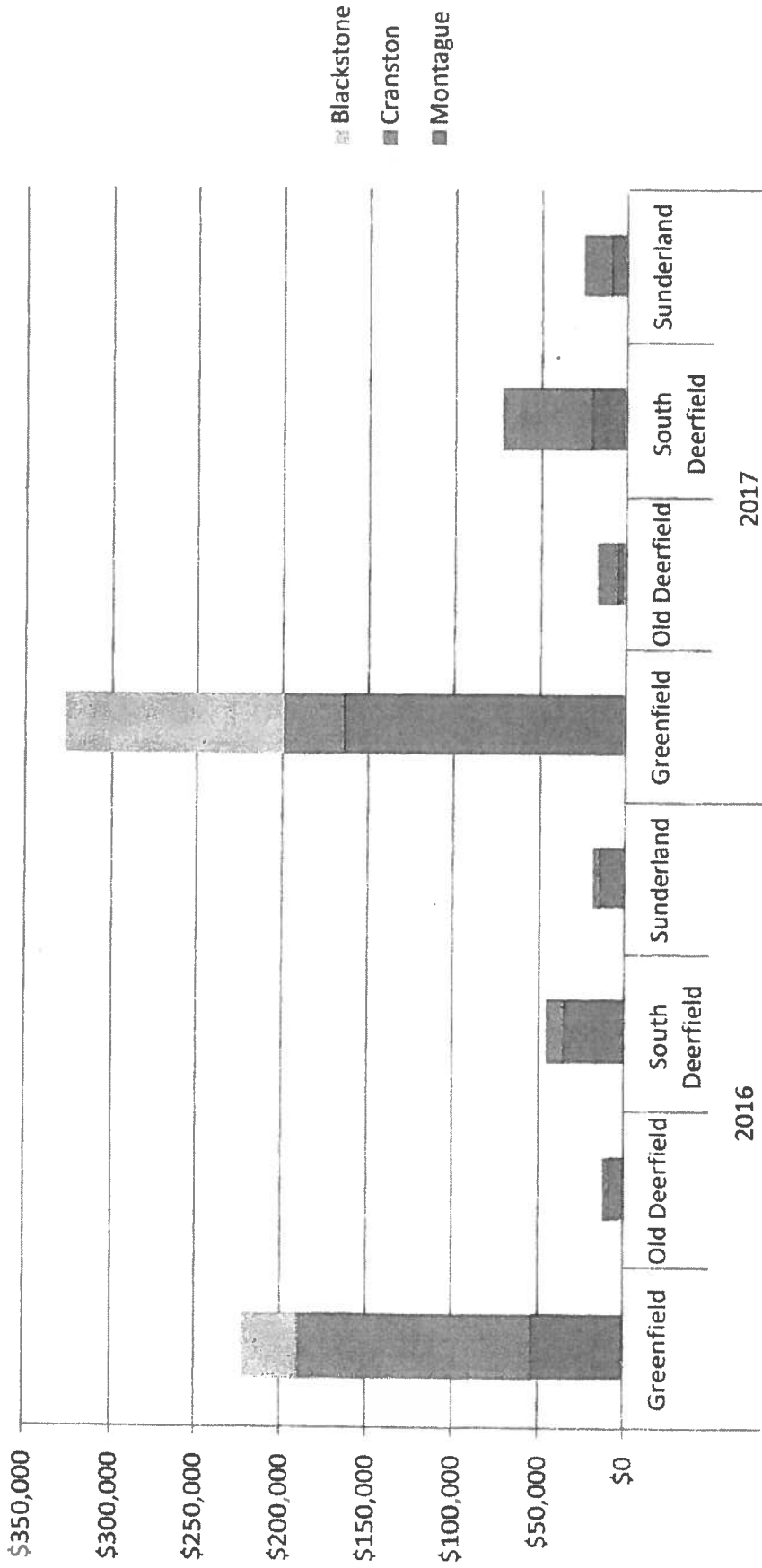
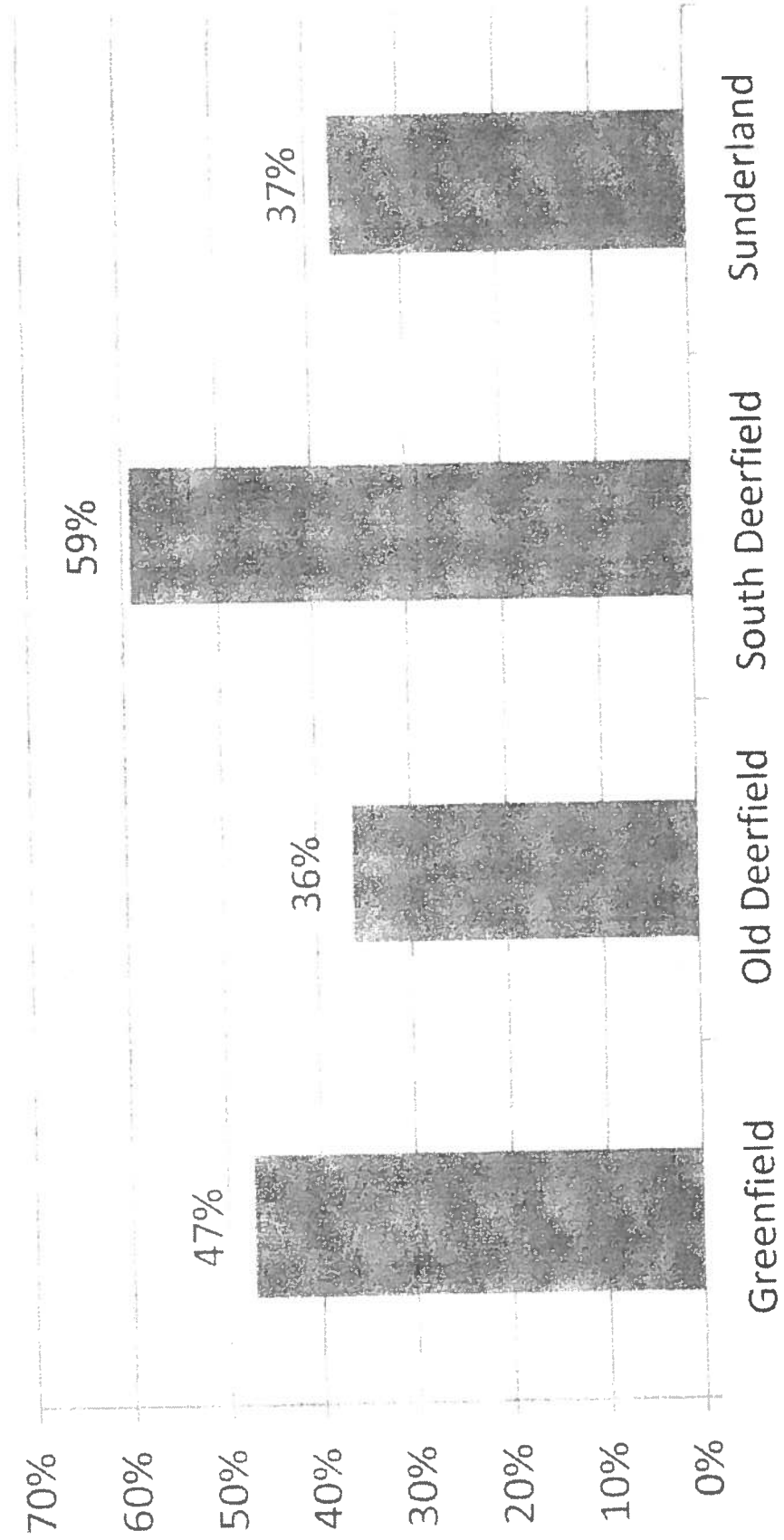


Total Sludge Disposal Costs



Disposal Cost Increase 2016 to 2017



Origin	Date	Disposal site	Number of trips	Dry tons	Disposal cost	Trucking cost	Miles to destination	Miles traveled to disposal site/year	Miles to Greenfield	Carbon produced per year in KG	Carbon if GFLD was the destination
Greenfield	2017	Montague	49	84.39	\$133,540	\$30,830	3.60	176.40	1.40	350.10	136.15
Greenfield	2017	Cranston R	27	53.81	\$18,814	\$15,987	240.00	6480.00	1.40	13575.36	75.02
Greenfield	2017	Blackstone	78	144.73	\$50,654	\$78,000	162.40	12667.20	1.40	25140.62	216.73
Greenfield	2016	Montague	69	122.16	\$37,560	\$16,332	3.60	248.40	1.40	493.00	191.72
Greenfield	2016	Cranston R	129	146.91	\$56,963	\$79,218	240.00	30960.00	1.40	61446.38	358.44
Greenfield	2016	Blackstone	30	63.53	\$20,330	\$12,150	162.40	4872.00	1.40	9669.47	83.36
Old Deerfie	2017	Montague	9	7.81	\$3,222	\$1,761	6.80	61.20	4.20	121.46	75.02
Old Deerfie	2017	Cranston R	12	14.87	\$5,207	\$6,396	236.00	2832.00	4.20	5620.68	100.03
Old Deerfie	2017	Blackstone	0	0.00	\$0	\$0	0.00	0.00	0.00	0.00	0.00
Old Deerfie	2016	Montague	14	20.13	\$6,241	\$2,319	6.80	95.20	4.20	188.94	116.70
Old Deerfie	2016	Cranston R	2	7.29	\$2,076	\$1,542	236.00	472.00	4.20	936.78	16.67
Old Deerfie	2016	Blackstone	0	0.00	\$0	\$0	0.00	0.00	0.00	0.00	0.00
South Deer	2017	Montague	32	38.52	\$13,581	\$6,729	17.00	544.00	17.80	1079.68	1130.49
South Deer	2017	Cranston R	56	64.03	\$22,030	\$29,716	228.00	12768.00	17.80	25340.68	1978.35
South Deer	2017	Blackstone	1	1.05	\$630	\$405	150.40	150.40	17.80	298.50	35.33
South Deer	2016	Montague	62	70.86	\$21,972	\$13,403	17.00	1054.00	17.80	2091.88	2190.32
South Deer	2016	Cranston R	11	14.59	\$4,156	\$6,369	228.00	2508.00	17.80	4977.63	388.60
South Deer	2016	Blackstone	0	0.00	\$0	\$0	0.00	0.00	0.00	0.00	0.00
Sunderland	2017	Montague	17	13.77	\$4,267	\$4,649	23.00	391.00	18.90	776.02	637.68
Sunderland	2017	Cranston R	20	16.68	\$5,838	\$10,646	230.00	4600.00	18.90	9129.63	750.22
Sunderland	2017	Blackstone	0	0.00	\$0	\$0	0.00	0.00	0.00	0.00	0.00
Sunderland	2016	Montague	32	25.73	\$7,973	\$6,447	23.00	736.00	18.90	1460.73	1200.35
Sunderland	2016	Cranston R	5	4.86	\$1,386	\$2,668	230.00	1150.00	18.90	2282.41	187.55
Sunderland	2016	Blackstone	0	0.00	\$0	\$0	0.00	0.00	0.00	0.00	0.00
Totals			655	915.72	\$416,439	\$325,568	2444.00	82765.80	189.80	164979.95	9868.73

Carbon calculations done at <https://www.commercialfleet.org/tools/carbon-footprint-calculator> using the average weight of one truck @ 30,000lbs plus sludge load (9000*8.34) 75000lbs total + 105K lbs CO2 emissions are in KGs.

It is important to remember that Montague is no longer part of the equation, and this will dramatically affect the overall costs associated with sludge disposal.