Design Flow (MGD)	Cost ($)	weight (lb)	$/lb
0.03	$2,454	854	$2.87
0.07	$5,387	1963	$2.74
0.09	$6,933	2564	$2.70
0.1	$7,509	2790	$2.69
0.11	$8,340	3117	$2.68
0.124	$9,212	3464	$2.66
0.2	$14,579	5630	$2.59
0.25	$18,075	7069	$2.56
0.305	$21,642	8553	$2.53
0.45	$31,075	12543	$2.48
0.6	$41,334	16965	$2.44
0.74	$50,134	20810	$2.41
0.9	$60,056	25192	$2.38
0.95	$63,489	26719	$2.38
0.99	$65,563	27644	$2.37
1	$81,586	34842	$2.34
1.5	$122,648	52779	$2.32
2.152	$175,211	75398	$2.32
3	$259,093	111495	$2.32
5	$417,386	179613	$2.32
7.365	$598,866	257709	$2.32
10	$842,054	362359	$2.32
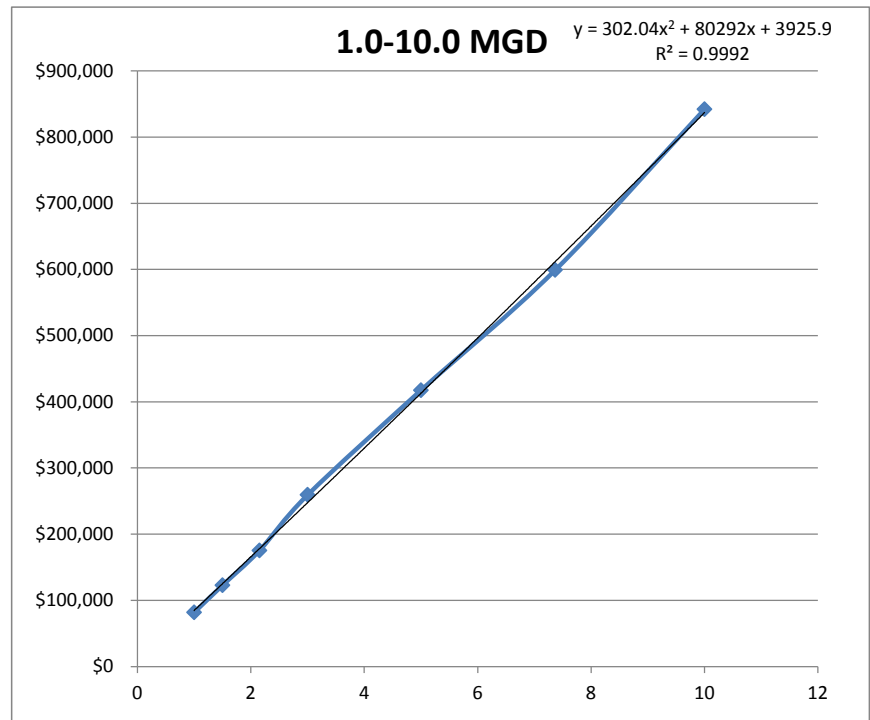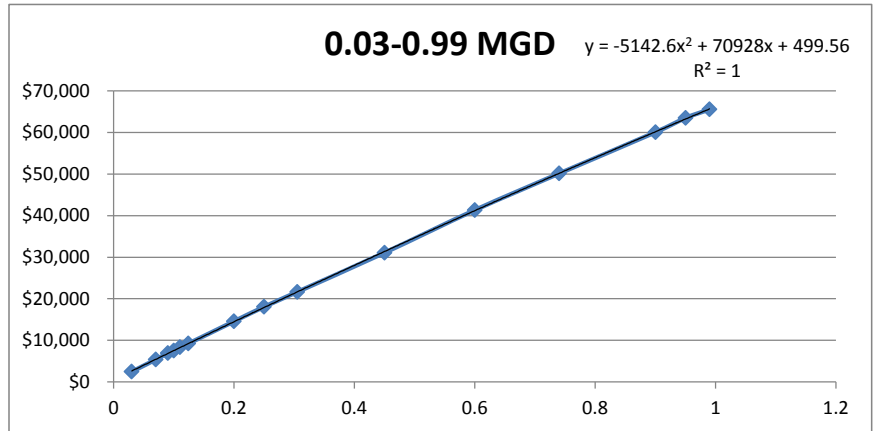
The above data was extracted from the EPA cost model outputs. Design Flows were generated from pre-built flows in the U.S. EPA cost model and user-generated flows. The data for flow vs cost was plotted and trendlines developed, again with a separation at the 1 MGD line (described in Capital Cost Curves).

Estimated weight and price per pound are for informative purposes only.

The final trendlines were used to estimate capital costs at estimated flow rates from sources identified as likely requiring treatment for 1,2,3-TCP and with GAC treatment already installed.

0.03-0.99 MGD $y = -5142.6x^2 + 70928x + 499.56$
$R^2 = 1$

1.0-10.0 MGD $y = 302.04x^2 + 80292x + 3925.9$
$R^2 = 0.9992$

Design Flow (MGD)	q^2	q	y-int
0.3-0.99	-5142.6	70928	499.56
1.0-10.0	302.04	80292	3925.9