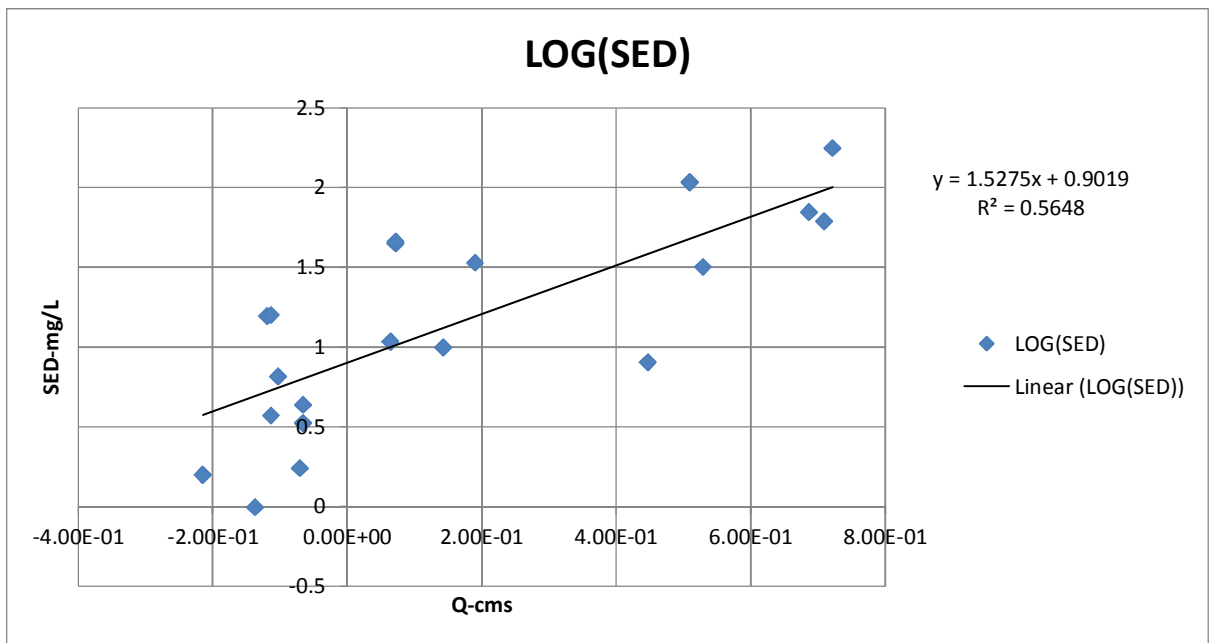
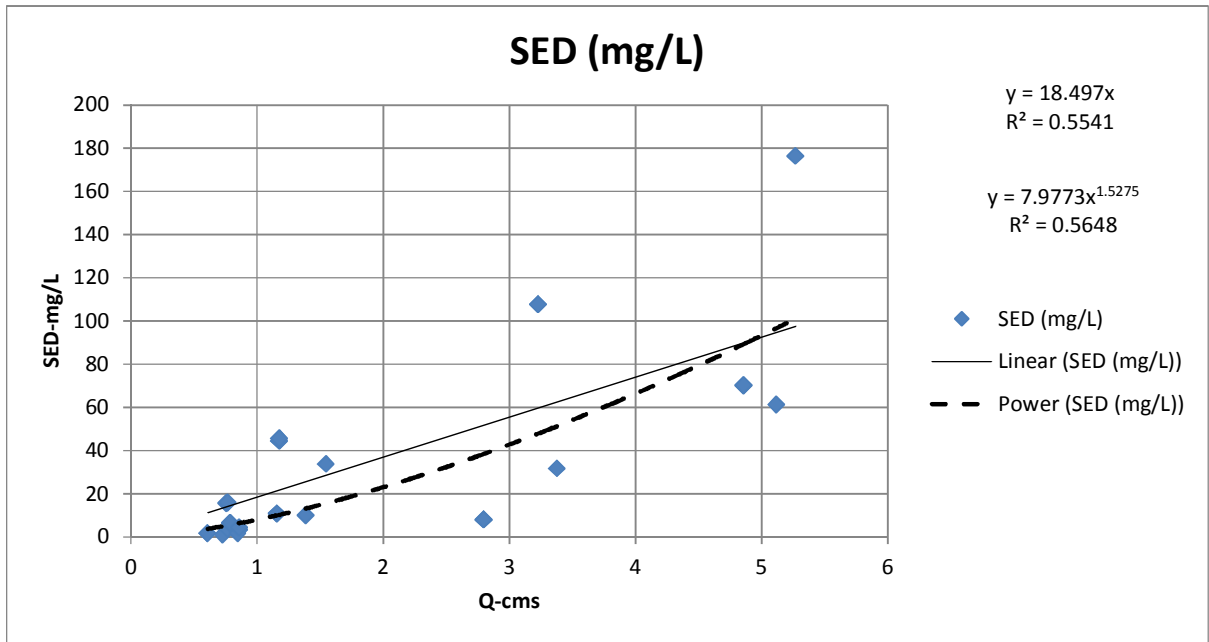


برای مجموعه داده‌های زیر که دبی-رسوب می‌باشد بهترین رابطه خطی را بر داده‌ها برازش دهید

Q (cms)	SED (mg/L)	LOG(Q)	LOG(SED)
0.76	15.628	-1.19E-01	1.193903
1.18	44.553	7.19E-02	1.648877
0.73	0.988	-1.37E-01	-0.00524
0.77	3.704	-1.14E-01	0.568671
0.77	15.834	-1.14E-01	1.199591
1.18	44.553	7.19E-02	1.648877
0.86	3.319	-6.55E-02	0.521007
0.79	6.507	-1.02E-01	0.813381
1.18	45.573	7.19E-02	1.658708
0.86	3.319	-6.55E-02	0.521007
0.85	1.738	-7.06E-02	0.24005
0.79	6.507	-1.02E-01	0.813381
1.18	45.573	7.19E-02	1.658708
0.61	1.581	-2.15E-01	0.198932
0.86	4.334	-6.55E-02	0.636889
0.61	1.581	-2.15E-01	0.198932
1.55	33.748	1.90E-01	1.528248
1.16	10.757	6.45E-02	1.031691
3.23	107.722	5.09E-01	2.032304
1.39	9.928	1.43E-01	0.996862
1.16	10.757	6.45E-02	1.031691
3.23	107.722	5.09E-01	2.032304
4.86	70.124	6.87E-01	1.845867
5.27	176.364	7.22E-01	2.24641
4.86	70.124	6.87E-01	1.845867

2.8	7.983	4.47E-01	0.902166
3.38	31.637	5.29E-01	1.500195
2.8	7.983	4.47E-01	0.902166
5.12	61.194	7.09E-01	1.786709



	X	Y	LOG(X)	LOG(Y)
Mean	1.88931	32.8046552	0.159025	1.144764
Variance	2.339528	1715.99046	0.096684	0.399378
A	3738.604			11.95658
b	-7030.58			-0.75663

X <sup>2</sup>	X*Y
0.5776	11.87728
1.3924	52.57254
0.5329	0.72124
0.5929	2.85208
0.5929	12.19218
1.3924	52.57254
0.7396	2.85434
0.6241	5.14053
1.3924	53.77614
0.7396	2.85434
0.7225	1.4773
0.6241	5.14053
1.3924	53.77614
0.3721	0.96441
0.7396	3.72724
0.3721	0.96441
2.4025	52.3094
1.3456	12.47812
10.4329	347.9421
1.9321	13.79992
1.3456	12.47812
10.4329	347.9421
23.6196	340.8026
27.7729	929.4383
23.6196	340.8026
7.84	22.3524
11.4244	106.9331
7.84	22.3524
26.2144	313.3133
X2-bar	XY-bar
5.828348	107.8072
X-bar Y-bar	X-bar <sup>2</sup>
61.97817	3.569494
a	20.28859

b	-5.52679
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