Table 2. Equiflow AICDs performance data (Least et al., 2012; Zhao et al., 2014).

Data record details		Independent variables				Dependent variable
No.	Data type	Range	Viscosity (Kg/m·s)	Density (S.G.)	Floe rate (m^3/day)	Differential pressure (Mpa)
1	Training	2	0.0002	0.995	4.906	0.136
2	Training	2	0.0002	0.995	6.977	0.345
3	Training	2	0.0002	0.995	7.958	0.534
4	Training	2	0.0002	0.995	8.940	0.816
5	Training	2	0.0002	0.995	13.082	2.068
6	Training	2	0.0006	0.995	5.778	0.136
7	Training	2	0.0006	0.995	6.977	0.236
8	Training	2	0.0006	0.995	8.395	0.508
9	Training	2	0.0006	0.995	12.646	1.434
10	Training	2	0.0006	0.995	13.955	1.937
11	Training	2	0.0008	0.985	6.432	0.135
12	Training	2	0.0008	0.985	7.522	0.193
13	Training	2	0.0008	0.985	10.030	0.341
14	Training	2	0.0008	0.985	10.684	0.524
15	Training	2	0.0008	0.985	13.246	1.393
16	Training	2	0.0008	0.985	14.445	1.834
17	Training	2	0.0030	0.865	5.942	0.110
18	Training	2	0.0030	0.865	11.774	0.379
19	Training	2	0.0030	0.865	15.045	0.531
20	Training	2	0.0030	0.865	16.898	0.683
21	Training	2	0.0030	0.865	29.054	1.975
22	Training	2	0.0050	0.790	5.451	0.109
23	Training	2	0.0050	0.790	8.831	0.200
24	Training	2	0.0050	0.790	13.082	0.381
25	Training	2	0.0050	0.790	19.078	0.780
26	Training	2	0.0050	0.790	26.165	1.452
27	Training	2	0.0100	0.800	5.887	0.118
28	Training	2	0.0100	0.800	8.176	0.172
29	Training	2	0.0100	0.800	11.992	0.338
30	Training	2	0.0100	0.800	17.661	0.689
31	Training	2	0.0100	0.800	26.165	1.506
32	Training	2	0.0100	0.800	31.180	2.048
33	Training	3	0.0010	0.994	2.889	0.400
34	Training	3	0.0010	0.994	6.432	2.510
35	Training	3	0.0010	0.994	7.468	3.530
36	Training	3	0.0010	0.994	8.286	4.516
37	Training	3	0.0100	0.849	5.887	0.400
38	Training	3	0.0100	0.849	9.812	1.482
39	Training	3	0.0100	0.849	11.992	2.530
40	Training	3	0.0100	0.849	14.772	4.454
41	Training	3	0.0450	0.849	8.286	0.400
42	Training	3	0.0450	0.849	17.171	2.517
43	Training	3	0.0450	0.849	19.406	3.551
44	Training	3	0.0450	0.849	21.422	4.585
45	Training	3	0.0990	0.865	6.596	0.393

Table 2. Equiflow AICDs performance data (Least et al., 2012; Zhao et al., 2014). (continued table)

Data record details		Independent variables				Dependent variable
No.	Data type	Range	Viscosity (Kg/m·s)	Density (S.G.)	Floe rate (m^3/day)	Differential pressure (Mpa)
46	Training	3	0.0990	0.865	13.246	1.475
47	Training	3	0.0990	0.865	20.278	2.517
48	Training	3	0.0990	0.865	26.165	4.488
49	Training	3	0.2290	0.881	5.451	0.400
50	Training	3	0.2290	0.881	18.424	2.496
51	Training	3	0.2290	0.881	22.186	3.482
52	Training	3	0.2290	0.881	25.347	4.544
53	Training	4	0.0010	0.994	2.235	0.393
54	Training	4	0.0010	0.994	4.143	1.469
55	Training	4	0.0010	0.994	6.378	3.544
56	Training	4	0.0010	0.994	7.141	4.461
57	Training	4	0.2330	0.881	5.833	0.393
58	Training	4	0.2330	0.881	11.229	1.448
59	Training	4	0.2330	0.881	16.407	3.489
60	Training	4	0.2330	0.881	18.097	4.482
61	Training	4	0.4490	0.897	5.233	0.400
62	Training	4	0.4490	0.897	11.447	1.503
63	Training	4	0.4490	0.897	15.154	2.510
64	Training	4	0.4490	0.897	20.387	4.544
65	Training	4	0.7470	0.897	4.197	0.400
66	Training	4	0.7470	0.897	15.154	2.517
67	Training	4	0.7470	0.897	18.315	3.530
68	Training	4	0.7470	0.897	20.496	4.323
69	Training	4	1.0020	0.913	3.325	0.400
70	Training	4	1.0020	0.913	10.03	1.517
71	Training	4	1.0020	0.913	14.663	2.489
72	Training	4	1.0020	0.913	21.095	4.454
73	Testing	2	0.0002	0.995	5.451	0.199
74	Testing	2	0.0002	0.995	11.665	1.570
75	Testing	2	0.0006	0.995	7.849	0.381
76	Testing	2	0.0006	0.995	9.594	0.676
77	Testing	2	0.0008	0.985	12.319	0.786
78	Testing	2	0.0030	0.865	24.475	1.393
79	Testing	2	0.0050	0.790	15.045	0.490
80	Testing	2	0.0100	0.800	15.699	0.572
81	Testing	3	0.0010	0.994	5.178	1.517
82	Testing	3	0.0100	0.849	13.627	3.516
83	Testing	3	0.0450	0.849	13.627	1.482
84	Testing	3	0.0990	0.865	24.039	3.489
85	Testing	3	0.2290	0.881	13.191	1.517
86	Testing	4	0.0010	0.994	5.396	2.475
87	Testing	4	0.2330	0.881	14.118	2.475
88	Testing	4	0.4490	0.897	17.879	3.482
89	Testing	4	0.7470	0.897	11.229	1.503
90	Testing	4	1.0020	0.913	18.152	3.503