

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
5/1/2009	12:00:00 AM	0.07	10.5	0.09	2
5/2/2009	12:00:00 AM	0.37556865	6.492089794	0.1153893	3.314500005
5/3/2009	12:00:00 AM	0.333897165	5.884997772	0.100715548	3.183138381
5/4/2009	12:00:00 AM	0.182484495	2.864010724	0.063936573	4.340708833
5/5/2009	12:00:00 AM	0.119097396	1.002972354	0.048187968	5.637309422
5/6/2009	12:00:00 AM	0.107823745	0.715357104	0.045325565	5.850915913
5/7/2009	12:00:00 AM	0.107595357	1.203975711	0.045256258	5.20451475
5/8/2009	12:00:00 AM	0.105744836	1.479279841	0.044580569	4.997583227
5/9/2009	12:00:00 AM	0.104732778	1.575629316	0.044250982	4.922106529
5/10/2009	12:00:00 AM	0.105083446	1.876536936	0.044386646	4.658347197
5/11/2009	12:00:00 AM	0.105298405	2.109215057	0.044465467	4.479964687
5/12/2009	12:00:00 AM	0.103564412	1.583892043	0.043913558	4.932641962
5/13/2009	12:00:00 AM	0.100844951	0.648876211	0.043067504	5.951245653
5/14/2009	12:00:00 AM	0.101577313	0.676903804	0.043351961	5.812930339
5/15/2009	12:00:00 AM	0.103462744	1.187358018	0.04397911	5.18562423
5/16/2009	12:00:00 AM	0.104570603	1.792496966	0.044308682	4.690611324
5/17/2009	12:00:00 AM	0.105217713	2.206976651	0.04450837	4.391771672
5/18/2009	12:00:00 AM	0.106171174	2.704732677	0.044828335	4.041553563
5/19/2009	12:00:00 AM	0.107936151	3.6347982	0.045449074	3.467612768
5/20/2009	12:00:00 AM	0.11077366	5.531335946	0.046538529	2.527497852
5/21/2009	12:00:00 AM	0.111709508	6.696470259	0.047012395	2.080152619
5/22/2009	12:00:00 AM	0.11186696	7.226805701	0.047176692	1.898703919
5/23/2009	12:00:00 AM	0.111894457	7.523059294	0.047268466	1.798148263
5/24/2009	12:00:00 AM	0.111829337	7.689692661	0.047308586	1.743038956
5/25/2009	12:00:00 AM	0.111648242	7.682392035	0.047277276	1.747223468
5/26/2009	12:00:00 AM	0.111503694	7.648658207	0.047250476	1.756705814
5/27/2009	12:00:00 AM	0.111400228	7.661171176	0.047245563	1.750546695
5/28/2009	12:00:00 AM	0.111363337	7.768186211	0.047282521	1.711754986
5/29/2009	12:00:00 AM	0.111265344	7.833673812	0.047292267	1.690463602
5/30/2009	12:00:00 AM	0.111224991	7.960487312	0.047333531	1.645441055
5/31/2009	12:00:00 AM	0.111224963	8.219633452	0.047419206	1.557116602
6/1/2009	12:00:00 AM	0.11111395	8.436262562	0.04747211	1.488146172
6/2/2009	12:00:00 AM	0.111029992	8.604410321	0.047506175	1.43531491
6/3/2009	12:00:00 AM	0.110922516	8.735891317	0.047533655	1.394777976
6/4/2009	12:00:00 AM	0.110803562	8.827800373	0.047547202	1.366729547
6/5/2009	12:00:00 AM	0.110299651	7.925911375	0.047185956	1.676110044
6/6/2009	12:00:00 AM	0.110282179	7.572989596	0.047102139	1.773205164
6/7/2009	12:00:00 AM	0.110595341	8.129662552	0.047359715	1.568469265
6/8/2009	12:00:00 AM	0.110462091	8.495929024	0.047442104	1.459111024
6/9/2009	12:00:00 AM	0.110330827	8.729830128	0.047488919	1.386999604
6/10/2009	12:00:00 AM	0.110195355	8.885583789	0.047514333	1.340237136
6/11/2009	12:00:00 AM	0.110082363	8.996313509	0.047535461	1.307210491
6/12/2009	12:00:00 AM	0.109950268	9.012618311	0.04752176	1.303825989
6/13/2009	12:00:00 AM	0.109846109	8.961628448	0.04749548	1.318384373
6/14/2009	12:00:00 AM	0.109776012	8.926192578	0.047483546	1.32719573
6/15/2009	12:00:00 AM	0.109693705	8.895536558	0.047468531	1.335246433
6/16/2009	12:00:00 AM	0.109622371	8.950429918	0.047481507	1.315284729
6/17/2009	12:00:00 AM	0.109532841	9.063245366	0.047508716	1.279795363
6/18/2009	12:00:00 AM	0.109429884	9.148187945	0.04752531	1.255175862
6/19/2009	12:00:00 AM	0.109313384	9.211964089	0.04752822	1.2352019

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
6/20/2009	12:00:00 AM	0.109213005	9.274330637	0.047536479	1.215816944
6/21/2009	12:00:00 AM	0.109116211	9.311433992	0.047538236	1.205162396
6/22/2009	12:00:00 AM	0.109030076	9.343150889	0.047540717	1.195044907
6/23/2009	12:00:00 AM	0.108942346	9.374901214	0.047542224	1.184845336
6/24/2009	12:00:00 AM	0.108854638	9.401391417	0.047541685	1.176002618
6/25/2009	12:00:00 AM	0.108769553	9.418544907	0.047538359	1.170218757
6/26/2009	12:00:00 AM	0.108691014	9.428764068	0.047534318	1.166048414
6/27/2009	12:00:00 AM	0.10861894	9.428522736	0.047528398	1.166060603
6/28/2009	12:00:00 AM	0.108552381	9.412410424	0.047518074	1.169372133
6/29/2009	12:00:00 AM	0.108494176	9.428676709	0.047520996	1.163411979
6/30/2009	12:00:00 AM	0.108418101	9.438924787	0.047516358	1.159178612
7/1/2009	12:00:00 AM	0.108350838	9.438237461	0.047509991	1.15937551
7/2/2009	12:00:00 AM	0.108289205	9.434271411	0.047503723	1.159486238
7/3/2009	12:00:00 AM	0.108229302	9.439547681	0.047500871	1.156156915
7/4/2009	12:00:00 AM	0.108166199	9.447078599	0.047497654	1.153044011
7/5/2009	12:00:00 AM	0.108104587	9.449184203	0.047492499	1.151094737
7/6/2009	12:00:00 AM	0.108049264	9.444823136	0.047486777	1.152914154
7/7/2009	12:00:00 AM	0.107998473	9.423997511	0.047475889	1.157868791
7/8/2009	12:00:00 AM	0.107956187	9.390314508	0.047462148	1.166354763
7/9/2009	12:00:00 AM	0.107919736	9.396956907	0.047464636	1.163330238
7/10/2009	12:00:00 AM	0.107860547	9.399174963	0.047458419	1.162589585
7/11/2009	12:00:00 AM	0.10780881	9.399606274	0.047453285	1.160732313
7/12/2009	12:00:00 AM	0.107756451	9.416801033	0.04745401	1.154772417
7/13/2009	12:00:00 AM	0.107696156	9.433416152	0.047451989	1.149348866
7/14/2009	12:00:00 AM	0.107638736	9.442436069	0.04744754	1.145650396
7/15/2009	12:00:00 AM	0.107588452	9.444585447	0.047442443	1.143637345
7/16/2009	12:00:00 AM	0.107542277	9.445485909	0.047437768	1.142597965
7/17/2009	12:00:00 AM	0.107497208	9.445059652	0.04743266	1.142811501
7/18/2009	12:00:00 AM	0.107454009	9.444308004	0.047427645	1.142395416
7/19/2009	12:00:00 AM	0.107411867	9.443561775	0.047422675	1.141780729
7/20/2009	12:00:00 AM	0.107370751	9.442819466	0.047417723	1.141181818
7/21/2009	12:00:00 AM	0.10733065	9.442081069	0.047412811	1.140528241
7/22/2009	12:00:00 AM	0.107299099	9.416679981	0.047401218	1.147105766
7/23/2009	12:00:00 AM	0.107317903	9.231582459	0.047344772	1.204114343
7/24/2009	12:00:00 AM	0.109694666	8.488693487	0.047321471	1.440970754
7/25/2009	12:00:00 AM	0.109505005	8.51078003	0.047367119	1.410166326
7/26/2009	12:00:00 AM	0.108775278	8.95922233	0.047448547	1.265848517
7/27/2009	12:00:00 AM	0.108083288	9.155111299	0.047415654	1.215484254
7/28/2009	12:00:00 AM	0.107758757	8.823588757	0.047269513	1.325387792
7/29/2009	12:00:00 AM	0.107714916	8.722188616	0.047255393	1.345716738
7/30/2009	12:00:00 AM	0.107613418	8.703198114	0.047244062	1.350586505
7/31/2009	12:00:00 AM	0.107565556	8.259193144	0.047089654	1.497964341
8/1/2009	12:00:00 AM	0.107673791	8.016943548	0.047043801	1.566626818
8/2/2009	12:00:00 AM	0.107723074	8.283310115	0.047159455	1.469863268
8/3/2009	12:00:00 AM	0.107534427	8.380555225	0.047144089	1.448453409
8/4/2009	12:00:00 AM	0.107432133	8.548529712	0.047176035	1.395337983
8/5/2009	12:00:00 AM	0.10729233	8.637200068	0.047169684	1.373261752
8/6/2009	12:00:00 AM	0.107179715	8.79307406	0.047195126	1.325522943
8/7/2009	12:00:00 AM	0.107005155	9.021386383	0.047228505	1.257974591
8/8/2009	12:00:00 AM	0.106812814	9.17842041	0.047232028	1.215764549

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
8/9/2009	12:00:00 AM	0.106664445	9.282961818	0.047228229	1.18854549
8/10/2009	12:00:00 AM	0.106548372	9.342056241	0.047216972	1.174882994
8/11/2009	12:00:00 AM	0.106458807	9.382574018	0.047206191	1.165658956
8/12/2009	12:00:00 AM	0.106396256	9.34807661	0.047174779	1.179187275
8/13/2009	12:00:00 AM	0.10637084	9.300863588	0.047148392	1.194641024
8/14/2009	12:00:00 AM	0.106327797	9.335188212	0.047147772	1.185467067
8/15/2009	12:00:00 AM	0.106269895	9.279360615	0.047109602	1.20631404
8/16/2009	12:00:00 AM	0.106262464	9.228174921	0.047086998	1.222479959
8/17/2009	12:00:00 AM	0.10621482	9.262111264	0.047083626	1.21328241
8/18/2009	12:00:00 AM	0.106120265	9.353485579	0.04708885	1.187944506
8/19/2009	12:00:00 AM	0.10600726	9.420748368	0.047079578	1.17168511
8/20/2009	12:00:00 AM	0.105922786	9.452442244	0.047065242	1.165570016
8/21/2009	12:00:00 AM	0.105856262	9.470459733	0.047050504	1.16293627
8/22/2009	12:00:00 AM	0.105798472	9.478401669	0.04703443	1.162634654
8/23/2009	12:00:00 AM	0.105747514	9.481894276	0.04701855	1.163786666
8/24/2009	12:00:00 AM	0.105699025	9.484839853	0.047003001	1.165268529
8/25/2009	12:00:00 AM	0.105651172	9.489204439	0.04698804	1.166251315
8/26/2009	12:00:00 AM	0.10560368	9.492552181	0.046972662	1.167752409
8/27/2009	12:00:00 AM	0.105557327	9.496982327	0.046957864	1.168738566
8/28/2009	12:00:00 AM	0.105511224	9.501788354	0.046943171	1.169752761
8/29/2009	12:00:00 AM	0.105466193	9.505251193	0.046928148	1.171261969
8/30/2009	12:00:00 AM	0.105422316	9.509796051	0.046913717	1.172260213
8/31/2009	12:00:00 AM	0.105380231	9.514734937	0.046899887	1.173384676
9/1/2009	12:00:00 AM	0.105367479	9.516968964	0.046894077	1.175186998
9/2/2009	12:00:00 AM	0.105326615	9.521344989	0.046878678	1.176655282
9/3/2009	12:00:00 AM	0.105259274	9.52840876	0.046849423	1.180905583
9/4/2009	12:00:00 AM	0.105188974	9.53896419	0.046818447	1.184736013
9/5/2009	12:00:00 AM	0.105120305	9.548905647	0.046787371	1.189046255
9/6/2009	12:00:00 AM	0.105054971	9.557376807	0.04675641	1.193549311
9/7/2009	12:00:00 AM	0.104992086	9.56855179	0.046726755	1.197791516
9/8/2009	12:00:00 AM	0.104930654	9.577683062	0.046696583	1.202354071
9/9/2009	12:00:00 AM	0.104872096	9.589215531	0.046667795	1.206307917
9/10/2009	12:00:00 AM	0.10481467	9.600074807	0.046638895	1.2105898
9/11/2009	12:00:00 AM	0.104759422	9.612216689	0.046610808	1.214794334
9/12/2009	12:00:00 AM	0.104732869	9.621538903	0.046593155	1.220747575
9/13/2009	12:00:00 AM	0.104717914	9.487751427	0.046528052	1.271551675
9/14/2009	12:00:00 AM	0.104950903	7.973593967	0.046110289	1.792786736
9/15/2009	12:00:00 AM	0.105217694	7.362562622	0.045985591	1.981887955
9/16/2009	12:00:00 AM	0.105042953	6.439642356	0.045668941	2.345933095
9/17/2009	12:00:00 AM	0.104948024	5.872486312	0.045485169	2.5740895
9/18/2009	12:00:00 AM	0.10436496	4.780302337	0.045035921	3.08114141
9/19/2009	12:00:00 AM	0.103279331	3.329130717	0.044383982	3.864966057
9/20/2009	12:00:00 AM	0.102811068	2.70645969	0.04412566	4.247455631
9/21/2009	12:00:00 AM	0.103085248	2.820005166	0.044246424	4.171271516
9/22/2009	12:00:00 AM	0.103576591	3.33670726	0.044499471	3.85421927
9/23/2009	12:00:00 AM	0.10446675	4.585660496	0.045028009	3.180431037
9/24/2009	12:00:00 AM	0.104895473	5.80778192	0.045425045	2.637436728
9/25/2009	12:00:00 AM	0.104766908	6.177081404	0.045459988	2.511090889
9/26/2009	12:00:00 AM	0.104851814	6.760256016	0.045620203	2.283238869
9/27/2009	12:00:00 AM	0.104823457	7.34714094	0.045750277	2.074545098

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
9/28/2009	12:00:00 AM	0.10472524	7.667922745	0.045794595	1.975281648
9/29/2009	12:00:00 AM	0.104642401	8.039325598	0.045859329	1.852993711
9/30/2009	12:00:00 AM	0.104471968	8.438271564	0.045907619	1.727231727
10/1/2009	12:00:00 AM	0.104256981	8.740877664	0.045916591	1.639122217
10/2/2009	12:00:00 AM	0.104065162	8.978655571	0.045916015	1.57250114
10/3/2009	12:00:00 AM	0.103900655	8.516970549	0.045736729	1.744253027
10/4/2009	12:00:00 AM	0.103746745	6.791220725	0.045258497	2.388081928
10/5/2009	12:00:00 AM	0.103303574	5.108663494	0.044738446	3.090537605
10/6/2009	12:00:00 AM	0.101354077	2.221593422	0.04357495	4.765834183
10/7/2009	12:00:00 AM	0.1010467	1.625557993	0.043399519	5.189170533
10/8/2009	12:00:00 AM	0.101249226	1.633786704	0.043487475	5.177144795
10/9/2009	12:00:00 AM	0.101490964	1.845923267	0.043608332	5.005922159
10/10/2009	12:00:00 AM	0.101616809	2.081331959	0.043686506	4.834365809
10/11/2009	12:00:00 AM	0.101741519	2.341754056	0.043769164	4.653638461
10/12/2009	12:00:00 AM	0.10181476	2.564379482	0.043829926	4.509620684
10/13/2009	12:00:00 AM	0.101313559	2.20732152	0.043595933	4.772308918
10/14/2009	12:00:00 AM	0.100151252	1.080712904	0.043028868	5.741140632
10/15/2009	12:00:00 AM	0.099414519	0.404790997	0.042684247	6.499764375
10/16/2009	12:00:00 AM	0.099969572	0.400529991	0.04291245	6.398733506
10/17/2009	12:00:00 AM	0.100649135	0.589037439	0.043205807	6.131362307
10/18/2009	12:00:00 AM	0.100768223	0.863173727	0.043278798	5.8768004
10/19/2009	12:00:00 AM	0.101303645	1.498313124	0.043558327	5.302981286
10/20/2009	12:00:00 AM	0.101317091	2.05813336	0.043629296	4.902936105
10/21/2009	12:00:00 AM	0.101472206	2.612256329	0.043765525	4.529075549
10/22/2009	12:00:00 AM	0.101916396	3.652768481	0.044097044	3.898430089
10/23/2009	12:00:00 AM	0.102174399	4.897919887	0.044410544	3.262578237
10/24/2009	12:00:00 AM	0.101234569	3.475940288	0.043814318	4.053190879
10/25/2009	12:00:00 AM	0.100927607	2.708423392	0.043585014	4.511631963
10/26/2009	12:00:00 AM	0.100739881	2.307141644	0.043461606	4.782451235
10/27/2009	12:00:00 AM	0.100858346	2.3458256	0.043522645	4.75859847
10/28/2009	12:00:00 AM	0.100809447	2.366878311	0.043512015	4.750807923
10/29/2009	12:00:00 AM	0.100565401	2.141478702	0.043387491	4.915666415
10/30/2009	12:00:00 AM	0.100432045	1.923996497	0.043309936	5.081625574
10/31/2009	12:00:00 AM	0.099153022	0.393559131	0.042601184	6.596707661
11/1/2009	12:00:00 AM	0.09940383	0.290697816	0.042695549	6.627871544
11/2/2009	12:00:00 AM	0.101136794	0.661626447	0.043462303	5.993432746
11/3/2009	12:00:00 AM	0.101151634	1.508922782	0.04357713	5.34168002
11/4/2009	12:00:00 AM	0.100710614	2.07613681	0.043474009	4.979710159
11/5/2009	12:00:00 AM	0.100738818	2.583183211	0.043563215	4.639509383
11/6/2009	12:00:00 AM	0.100947313	3.376975406	0.04377804	4.150369999
11/7/2009	12:00:00 AM	0.101197914	4.642577383	0.04410222	3.475156594
11/8/2009	12:00:00 AM	0.101184879	5.657466616	0.044290713	3.012079831
11/9/2009	12:00:00 AM	0.101086758	6.127274222	0.044349845	2.823158592
11/10/2009	12:00:00 AM	0.101039721	6.399106971	0.044392752	2.717851047
11/11/2009	12:00:00 AM	0.100984137	6.594490342	0.044417243	2.643801662
11/12/2009	12:00:00 AM	0.100927133	6.733123909	0.044430092	2.593746104
11/13/2009	12:00:00 AM	0.100884543	6.870254423	0.044448974	2.543873547
11/14/2009	12:00:00 AM	0.100841826	7.036486027	0.044474196	2.48267828
11/15/2009	12:00:00 AM	0.100782101	7.156518858	0.04448339	2.441483521
11/16/2009	12:00:00 AM	0.100728073	7.254942342	0.044490653	2.408127572

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
11/17/2009	12:00:00 AM	0.100615512	6.928337487	0.044385294	2.543586501
11/18/2009	12:00:00 AM	0.10051601	6.2597294	0.044214772	2.820494019
11/19/2009	12:00:00 AM	0.100472873	5.790601207	0.044109183	3.01867712
11/20/2009	12:00:00 AM	0.100568235	6.05445344	0.044208551	2.899659964
11/21/2009	12:00:00 AM	0.100573452	6.657756969	0.044341196	2.650729198
11/22/2009	12:00:00 AM	0.100490789	7.043541171	0.044395047	2.506905688
11/23/2009	12:00:00 AM	0.100422674	7.254589804	0.044418308	2.432302246
11/24/2009	12:00:00 AM	0.100359501	7.357094385	0.044420006	2.398588074
11/25/2009	12:00:00 AM	0.100314585	7.413736191	0.044419032	2.382765206
11/26/2009	12:00:00 AM	0.10027821	7.501454549	0.044427781	2.35207175
11/27/2009	12:00:00 AM	0.100232603	7.587646904	0.044431994	2.323760689
11/28/2009	12:00:00 AM	0.100197772	7.684454837	0.044442695	2.291732874
11/29/2009	12:00:00 AM	0.100164694	7.756985827	0.044448644	2.270441675
11/30/2009	12:00:00 AM	0.100130819	7.787463723	0.044444767	2.263505151
12/1/2009	12:00:00 AM	0.099928599	5.408731846	0.043872157	3.278585022
12/2/2009	12:00:00 AM	0.099848356	3.905713304	0.04354518	3.997940816
12/3/2009	12:00:00 AM	0.099849454	3.284196837	0.043430388	4.336540168
12/4/2009	12:00:00 AM	0.099838758	2.947481832	0.043365211	4.536938783
12/5/2009	12:00:00 AM	0.099903934	2.902659649	0.043386054	4.562639796
12/6/2009	12:00:00 AM	0.100053259	3.32279462	0.043528176	4.310405795
12/7/2009	12:00:00 AM	0.100152483	4.157171312	0.04372836	3.846971754
12/8/2009	12:00:00 AM	0.100213689	5.365233987	0.043990495	3.253561122
12/9/2009	12:00:00 AM	0.100019546	5.373052056	0.043910987	3.268361437
12/10/2009	12:00:00 AM	0.099757067	3.723895513	0.043481092	4.117339834
12/11/2009	12:00:00 AM	0.099808385	3.220431078	0.04340905	4.385864817
12/12/2009	12:00:00 AM	0.100109021	3.992238279	0.043683784	3.9429104
12/13/2009	12:00:00 AM	0.100183985	5.297092152	0.043969885	3.292711445
12/14/2009	12:00:00 AM	0.100047199	5.659317225	0.04398502	3.145560356
12/15/2009	12:00:00 AM	0.099949669	5.500531291	0.043912756	3.221853301
12/16/2009	12:00:00 AM	0.09998976	5.585710775	0.043947571	3.182990812
12/17/2009	12:00:00 AM	0.100017581	5.960950799	0.044035705	3.016332787
12/18/2009	12:00:00 AM	0.10001083	6.429785989	0.044129159	2.819122106
12/19/2009	12:00:00 AM	0.099959022	6.733217015	0.044170653	2.698915189
12/20/2009	12:00:00 AM	0.09992825	6.858605258	0.044184448	2.654007618
12/21/2009	12:00:00 AM	0.099931869	6.989422623	0.04421382	2.604081973
12/22/2009	12:00:00 AM	0.099924881	7.152110874	0.044245361	2.541967751
12/23/2009	12:00:00 AM	0.09990943	7.275703993	0.044265274	2.497131999
12/24/2009	12:00:00 AM	0.099803921	6.055739081	0.043971318	3.01547635
12/25/2009	12:00:00 AM	0.099301378	1.956806615	0.042971924	5.29178359
12/26/2009	12:00:00 AM	0.099095563	0.656108829	0.042654223	6.38220546
12/27/2009	12:00:00 AM	0.099663616	0.67562135	0.042902977	6.304228552
12/28/2009	12:00:00 AM	0.09991012	0.879403163	0.043044853	6.093885633
12/29/2009	12:00:00 AM	0.100297548	1.682031143	0.043354359	5.400606749
12/30/2009	12:00:00 AM	0.100050937	2.442328539	0.043384662	4.890562669
12/31/2009	12:00:00 AM	0.099974881	3.141834157	0.043481007	4.457303422
1/1/2010	12:00:00 AM	0.100006868	4.071936635	0.043670768	3.935592927
1/2/2010	12:00:00 AM	0.099903537	4.455483983	0.043700301	3.747311159
1/3/2010	12:00:00 AM	0.099815994	4.380912098	0.043647626	3.783920231
1/4/2010	12:00:00 AM	0.099865953	4.455610879	0.043682609	3.744222348
1/5/2010	12:00:00 AM	0.099933525	4.850121345	0.043787392	3.542430583

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
1/6/2010	12:00:00 AM	0.099969281	5.405660947	0.043911253	3.277302718
1/7/2010	12:00:00 AM	0.099934665	5.789487547	0.043972325	3.104517337
1/8/2010	12:00:00 AM	0.099919659	5.906389583	0.043988746	3.056015206
1/9/2010	12:00:00 AM	0.099893108	5.808918524	0.043956882	3.095123044
1/10/2010	12:00:00 AM	0.09995338	5.947755848	0.044009416	3.030385898
1/11/2010	12:00:00 AM	0.100004428	6.331786929	0.044108155	2.861858318
1/12/2010	12:00:00 AM	0.099999875	6.706579725	0.044182377	2.706729432
1/13/2010	12:00:00 AM	0.099954219	6.664446347	0.044153742	2.725961071
1/14/2010	12:00:00 AM	0.099964067	6.565742662	0.044136246	2.762702421
1/15/2010	12:00:00 AM	0.099991143	6.546856522	0.044142463	2.768971677
1/16/2010	12:00:00 AM	0.100006249	6.538243076	0.044145717	2.769113392
1/17/2010	12:00:00 AM	0.099971986	6.20680041	0.044061682	2.907254706
1/18/2010	12:00:00 AM	0.099697006	3.616266703	0.04343483	4.188096017
1/19/2010	12:00:00 AM	0.099652352	2.45432798	0.043198877	4.867366206
1/20/2010	12:00:00 AM	0.099788473	2.265954102	0.043222378	4.978334402
1/21/2010	12:00:00 AM	0.100003754	2.559501227	0.043365748	4.776370621
1/22/2010	12:00:00 AM	0.099694164	2.078219098	0.043146111	5.111524354
1/23/2010	12:00:00 AM	0.099623025	1.641880309	0.043038776	5.435079499
1/24/2010	12:00:00 AM	0.09995045	1.840477967	0.04321232	5.27130835
1/25/2010	12:00:00 AM	0.100059329	2.210957687	0.043321833	4.999672618
1/26/2010	12:00:00 AM	0.099961901	2.301833095	0.043294152	4.940141229
1/27/2010	12:00:00 AM	0.100067708	2.560816727	0.04338326	4.7610091
1/28/2010	12:00:00 AM	0.100155032	2.985488313	0.043494219	4.486084751
1/29/2010	12:00:00 AM	0.100274633	3.731078029	0.043678909	4.045358416
1/30/2010	12:00:00 AM	0.100220507	3.998897327	0.043703063	3.905016075
1/31/2010	12:00:00 AM	0.099752698	2.570124757	0.043242691	4.765424446
2/1/2010	12:00:00 AM	0.099814853	2.1111051	0.043187573	5.060255625
2/2/2010	12:00:00 AM	0.100063297	2.261575524	0.043317568	4.947216457
2/3/2010	12:00:00 AM	0.100211011	2.661395047	0.043444639	4.670436826
2/4/2010	12:00:00 AM	0.100370332	3.289670257	0.043616683	4.27508997
2/5/2010	12:00:00 AM	0.100482581	4.019619531	0.04378869	3.860974622
2/6/2010	12:00:00 AM	0.099963468	2.745779194	0.043336918	4.622548098
2/7/2010	12:00:00 AM	0.099907202	2.102118614	0.043199661	5.040357436
2/8/2010	12:00:00 AM	0.100087313	2.053156259	0.04326264	5.05863693
2/9/2010	12:00:00 AM	0.100311615	2.294201369	0.043390173	4.884385399
2/10/2010	12:00:00 AM	0.100008636	1.930834882	0.043199181	5.146737151
2/11/2010	12:00:00 AM	0.099930043	1.607841787	0.043112416	5.389348715
2/12/2010	12:00:00 AM	0.100191327	1.687022036	0.043230082	5.316346328
2/13/2010	12:00:00 AM	0.100402691	1.999164972	0.04335993	5.068047076
2/14/2010	12:00:00 AM	0.100528183	2.355269699	0.043460014	4.811043219
2/15/2010	12:00:00 AM	0.100706462	2.830639755	0.043600865	4.49125022
2/16/2010	12:00:00 AM	0.100892942	3.412217882	0.043763464	4.133236513
2/17/2010	12:00:00 AM	0.101053427	4.052023899	0.043927716	3.773167448
2/18/2010	12:00:00 AM	0.10121003	4.678813768	0.044092396	3.449000623
2/19/2010	12:00:00 AM	0.101341112	5.194185787	0.044230847	3.201077414
2/20/2010	12:00:00 AM	0.101432842	5.57526493	0.044330728	3.025360264
2/21/2010	12:00:00 AM	0.101501171	5.837826762	0.044399888	2.906965319
2/22/2010	12:00:00 AM	0.101574104	6.007851257	0.044453791	2.830111656
2/23/2010	12:00:00 AM	0.101629393	6.065606118	0.044478865	2.802522474
2/24/2010	12:00:00 AM	0.101689402	6.069317752	0.044494986	2.795226912

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
2/25/2010	12:00:00 AM	0.10180143	6.202832211	0.044557332	2.731457168
2/26/2010	12:00:00 AM	0.101907371	6.447561246	0.044640075	2.624118415
2/27/2010	12:00:00 AM	0.101997731	6.650913818	0.044709987	2.538574752
2/28/2010	12:00:00 AM	0.102002656	6.545468153	0.04468268	2.578845579
3/1/2010	12:00:00 AM	0.101995987	6.171776473	0.044595887	2.727981319
3/2/2010	12:00:00 AM	0.102166113	6.218856224	0.044662988	2.69635242
3/3/2010	12:00:00 AM	0.1022664	6.419162201	0.04473693	2.609086831
3/4/2010	12:00:00 AM	0.102301382	6.469508134	0.044756008	2.587495699
3/5/2010	12:00:00 AM	0.102394804	6.624811958	0.044818761	2.519084177
3/6/2010	12:00:00 AM	0.102489378	6.873722916	0.044903023	2.41663878
3/7/2010	12:00:00 AM	0.102512619	7.044565624	0.044943565	2.347941995
3/8/2010	12:00:00 AM	0.102568286	7.152779389	0.044984328	2.304989242
3/9/2010	12:00:00 AM	0.102636334	7.215036371	0.045020245	2.279375773
3/10/2010	12:00:00 AM	0.102670205	7.162421582	0.045017064	2.295214331
3/11/2010	12:00:00 AM	0.102644296	6.732350248	0.044909156	2.462226238
3/12/2010	12:00:00 AM	0.102191344	4.80178067	0.044354013	3.316062031
3/13/2010	12:00:00 AM	0.102304991	4.432060909	0.044320743	3.458729359
3/14/2010	12:00:00 AM	0.102749526	5.121024723	0.044607693	3.109891325
3/15/2010	12:00:00 AM	0.103054896	6.103618787	0.044908299	2.672054911
3/16/2010	12:00:00 AM	0.103135371	6.720393053	0.045065813	2.428516336
3/17/2010	12:00:00 AM	0.103170654	7.083984708	0.04515629	2.289130011
3/18/2010	12:00:00 AM	0.103199778	7.266357008	0.045205748	2.220370949
3/19/2010	12:00:00 AM	0.103254477	7.415265125	0.045257318	2.161946723
3/20/2010	12:00:00 AM	0.103286485	7.49446774	0.045284497	2.12998808
3/21/2010	12:00:00 AM	0.103347347	7.583447619	0.045325084	2.093924422
3/22/2010	12:00:00 AM	0.103387797	7.531196692	0.045325701	2.110893777
3/23/2010	12:00:00 AM	0.103413486	7.298216284	0.045276854	2.194396523
3/24/2010	12:00:00 AM	0.10348776	7.121124155	0.045258554	2.25373828
3/25/2010	12:00:00 AM	0.103625776	7.272220024	0.04534064	2.187945055
3/26/2010	12:00:00 AM	0.103535921	6.786585058	0.045195136	2.379926068
3/27/2010	12:00:00 AM	0.103295716	5.576811412	0.044844387	2.881529235
3/28/2010	12:00:00 AM	0.103527751	5.503235389	0.044906474	2.887278747
3/29/2010	12:00:00 AM	0.103885281	6.285875081	0.045194771	2.538128753
3/30/2010	12:00:00 AM	0.103993993	6.89377834	0.045370511	2.301691622
3/31/2010	12:00:00 AM	0.103997921	7.206725302	0.045444605	2.185343509
4/1/2010	12:00:00 AM	0.10403551	7.438581323	0.045512983	2.096951925
4/2/2010	12:00:00 AM	0.104069521	7.630566274	0.045571995	2.024885255
4/3/2010	12:00:00 AM	0.104112579	7.768174853	0.045622492	1.973961787
4/4/2010	12:00:00 AM	0.104134736	7.764846795	0.045629443	1.972999963
4/5/2010	12:00:00 AM	0.104101855	7.237934771	0.045485302	2.168252746
4/6/2010	12:00:00 AM	0.104113394	6.51153539	0.045313316	2.441466518
4/7/2010	12:00:00 AM	0.104449402	7.013258987	0.045543894	2.218930638
4/8/2010	12:00:00 AM	0.104473492	7.499865531	0.045674915	2.040405336
4/9/2010	12:00:00 AM	0.104209376	6.482524893	0.045340279	2.449817632
4/10/2010	12:00:00 AM	0.103992947	5.403958592	0.045021269	2.888937024
4/11/2010	12:00:00 AM	0.104553764	6.129199001	0.045376271	2.542482585
4/12/2010	12:00:00 AM	0.104696286	7.124030708	0.045665347	2.148560473
4/13/2010	12:00:00 AM	0.104600426	7.607984334	0.045765039	1.981006287
4/14/2010	12:00:00 AM	0.10454113	7.911510583	0.045831027	1.872441732
4/15/2010	12:00:00 AM	0.104492935	8.09268456	0.045870372	1.809077787

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
4/16/2010	12:00:00 AM	0.104482543	8.230429414	0.045912213	1.759714418
4/17/2010	12:00:00 AM	0.104463614	8.366753035	0.045950473	1.709922269
4/18/2010	12:00:00 AM	0.104440766	8.507364489	0.045989678	1.6595049
4/19/2010	12:00:00 AM	0.104409999	8.6532742	0.046028659	1.607814956
4/20/2010	12:00:00 AM	0.104373016	8.803863741	0.046068016	1.555397819
4/21/2010	12:00:00 AM	0.104326351	8.96031409	0.046106905	1.501642458
4/22/2010	12:00:00 AM	0.104271975	9.121985364	0.046146036	1.447066887
4/23/2010	12:00:00 AM	0.104207679	9.290321082	0.046185229	1.391146271
4/24/2010	12:00:00 AM	0.104157121	9.314368305	0.046184684	1.383817827
4/25/2010	12:00:00 AM	0.10416797	9.309085285	0.046193709	1.381463573
4/26/2010	12:00:00 AM	0.104336737	6.986880492	0.045590529	2.212340201
4/27/2010	12:00:00 AM	0.104814892	6.822486209	0.045683728	2.208770897
4/28/2010	12:00:00 AM	0.10497262	7.627965316	0.045961774	1.897421936
4/29/2010	12:00:00 AM	0.104774239	7.788540332	0.045949402	1.854984316
4/30/2010	12:00:00 AM	0.104773271	7.829317748	0.045965006	1.836365152
5/1/2010	12:00:00 AM	0.104787683	7.871503754	0.045987531	1.817536346
5/2/2010	12:00:00 AM	0.104798241	7.913937028	0.0460087	1.7987478
5/3/2010	12:00:00 AM	0.104807223	7.956922124	0.046029494	1.779970194
5/4/2010	12:00:00 AM	0.104815395	8.000404172	0.046050282	1.761117797
5/5/2010	12:00:00 AM	0.104822872	8.044375268	0.046071133	1.742182711
5/6/2010	12:00:00 AM	0.104829642	8.088845971	0.046092051	1.72316421
5/7/2010	12:00:00 AM	0.104835678	8.133826044	0.046113034	1.704061414
5/8/2010	12:00:00 AM	0.104840948	8.179325325	0.046134077	1.684873431
5/9/2010	12:00:00 AM	0.104845419	8.225353875	0.046155175	1.665599352
5/10/2010	12:00:00 AM	0.104849057	8.271922022	0.046176323	1.646238248
5/11/2010	12:00:00 AM	0.104851825	8.319040371	0.046197516	1.626789175
5/12/2010	12:00:00 AM	0.104853686	8.366719815	0.046218748	1.607251165
5/13/2010	12:00:00 AM	0.104854601	8.414971545	0.046240014	1.587623232
5/14/2010	12:00:00 AM	0.104854529	8.463807057	0.046261305	1.567904369
5/15/2010	12:00:00 AM	0.104853429	8.513238168	0.046282617	1.548093547
5/16/2010	12:00:00 AM	0.104851254	8.563277023	0.046303942	1.528189715
5/17/2010	12:00:00 AM	0.10484796	8.613936106	0.046325272	1.508191798
5/18/2010	12:00:00 AM	0.104843497	8.665228251	0.046346599	1.488098699
5/19/2010	12:00:00 AM	0.104837816	8.717166658	0.046367915	1.467909295
5/20/2010	12:00:00 AM	0.104830862	8.7697649	0.046389211	1.447622438
5/21/2010	12:00:00 AM	0.104822582	8.82303694	0.046410478	1.427236956
5/22/2010	12:00:00 AM	0.104812917	8.876997143	0.046431706	1.406751648
5/23/2010	12:00:00 AM	0.104801808	8.93166029	0.046452885	1.386165287
5/24/2010	12:00:00 AM	0.10478919	8.987041591	0.046474002	1.365476615
5/25/2010	12:00:00 AM	0.10477605	9.043259094	0.046495514	1.34472415
5/26/2010	12:00:00 AM	0.104768152	9.087659228	0.046515027	1.328216181
5/27/2010	12:00:00 AM	0.104774372	9.09142735	0.046524343	1.325204029
5/28/2010	12:00:00 AM	0.104844374	8.872390151	0.046474124	1.392168058
5/29/2010	12:00:00 AM	0.104940131	8.951512538	0.046534603	1.355849332
5/30/2010	12:00:00 AM	0.104900999	9.04833929	0.046564371	1.32471978
5/31/2010	12:00:00 AM	0.104891863	9.033833465	0.046561898	1.327507066
6/1/2010	12:00:00 AM	0.104895653	9.140283861	0.046605868	1.28871731
6/2/2010	12:00:00 AM	0.104837267	9.237757151	0.046629266	1.257381264
6/3/2010	12:00:00 AM	0.104780857	9.304154318	0.046639021	1.236166145
6/4/2010	12:00:00 AM	0.104750385	9.353063807	0.046650853	1.22037971

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
6/5/2010	12:00:00 AM	0.104735017	9.386770642	0.04666213	1.209469575
6/6/2010	12:00:00 AM	0.104726614	9.403803011	0.046668787	1.202850678
6/7/2010	12:00:00 AM	0.104723803	9.417965308	0.046675677	1.197126571
6/8/2010	12:00:00 AM	0.104723608	9.432355128	0.04668372	1.191270017
6/9/2010	12:00:00 AM	0.104726687	9.444238762	0.046692077	1.185950637
6/10/2010	12:00:00 AM	0.104734939	9.444675525	0.046697599	1.184566
6/11/2010	12:00:00 AM	0.104798124	9.336531567	0.046680308	1.217136378
6/12/2010	12:00:00 AM	0.10489523	9.260424592	0.046683633	1.236555578
6/13/2010	12:00:00 AM	0.104966356	9.168383541	0.046673266	1.26234771
6/14/2010	12:00:00 AM	0.105032476	9.111151739	0.046673439	1.276179191
6/15/2010	12:00:00 AM	0.105058029	9.140174991	0.046693947	1.264575773
6/16/2010	12:00:00 AM	0.105042546	9.171984768	0.046703383	1.254017786
6/17/2010	12:00:00 AM	0.105011205	9.267889634	0.046731842	1.221925784
6/18/2010	12:00:00 AM	0.104969495	9.298220609	0.046733589	1.213849718
6/19/2010	12:00:00 AM	0.105004369	9.219396325	0.046717024	1.236909022
6/20/2010	12:00:00 AM	0.105063957	9.201301187	0.046729619	1.238570709
6/21/2010	12:00:00 AM	0.105056415	9.265280443	0.04675328	1.21661288
6/22/2010	12:00:00 AM	0.105022399	9.30344898	0.046759731	1.205107316
6/23/2010	12:00:00 AM	0.104999645	9.360887151	0.046776606	1.185578715
6/24/2010	12:00:00 AM	0.104962389	9.414993131	0.046788043	1.168515605
6/25/2010	12:00:00 AM	0.104943716	9.447485766	0.046797546	1.158488789
6/26/2010	12:00:00 AM	0.104936511	9.473031852	0.046807551	1.149423101
6/27/2010	12:00:00 AM	0.104935799	9.481369144	0.046812679	1.145432145
6/28/2010	12:00:00 AM	0.104950214	9.471030877	0.046814781	1.147539814
6/29/2010	12:00:00 AM	0.104966647	9.483593564	0.04682648	1.141703886
6/30/2010	12:00:00 AM	0.104969219	9.499191907	0.046835642	1.135707211
7/1/2010	12:00:00 AM	0.104979699	9.503763467	0.046842768	1.13275096
7/2/2010	12:00:00 AM	0.105038263	9.411650309	0.046827282	1.160455423
7/3/2010	12:00:00 AM	0.105119561	9.308869643	0.046810925	1.19021332
7/4/2010	12:00:00 AM	0.105221115	9.147788802	0.046779531	1.239981325
7/5/2010	12:00:00 AM	0.105328671	9.030551245	0.046766261	1.273796975
7/6/2010	12:00:00 AM	0.105320079	9.155081914	0.046808677	1.231777944
7/7/2010	12:00:00 AM	0.105187938	9.289783813	0.04681982	1.19411221
7/8/2010	12:00:00 AM	0.105092642	9.366089905	0.046820149	1.17415379
7/9/2010	12:00:00 AM	0.105038753	9.399792398	0.04681611	1.166140399
7/10/2010	12:00:00 AM	0.105053039	9.315985675	0.046787972	1.193684987
7/11/2010	12:00:00 AM	0.105130414	9.218954503	0.046773221	1.222602487
7/12/2010	12:00:00 AM	0.105259849	8.960180751	0.046714982	1.304851273
7/13/2010	12:00:00 AM	0.105464097	8.613779469	0.046647327	1.412221143
7/14/2010	12:00:00 AM	0.105561688	8.748905851	0.046723376	1.359030713
7/15/2010	12:00:00 AM	0.105401195	8.970297721	0.046756044	1.293131604
7/16/2010	12:00:00 AM	0.105274659	9.057542241	0.046750586	1.271472408
7/17/2010	12:00:00 AM	0.105183937	9.197802065	0.046774131	1.227970711
7/18/2010	12:00:00 AM	0.105070387	9.304157742	0.046779826	1.199123977
7/19/2010	12:00:00 AM	0.104999472	9.362269186	0.046780249	1.184305976
7/20/2010	12:00:00 AM	0.104949013	9.41215727	0.046783184	1.170459665
7/21/2010	12:00:00 AM	0.104901489	9.450289272	0.046782402	1.160705719
7/22/2010	12:00:00 AM	0.104865432	9.480817657	0.046782351	1.152621432
7/23/2010	12:00:00 AM	0.104835571	9.499001198	0.046779273	1.148076405
7/24/2010	12:00:00 AM	0.104812499	9.515021479	0.046777262	1.144466301

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
7/25/2010	12:00:00 AM	0.10479286	9.525648453	0.046774324	1.141987466
7/26/2010	12:00:00 AM	0.104775119	9.539212318	0.046773046	1.138832608
7/27/2010	12:00:00 AM	0.104757915	9.549720762	0.046770922	1.136645533
7/28/2010	12:00:00 AM	0.104746343	9.552376741	0.046767477	1.136832751
7/29/2010	12:00:00 AM	0.104741656	9.545069788	0.046762048	1.140340871
7/30/2010	12:00:00 AM	0.104738534	9.545467095	0.046760098	1.140021972
7/31/2010	12:00:00 AM	0.104734411	9.54290957	0.046756998	1.14265326
8/1/2010	12:00:00 AM	0.104745432	9.505319583	0.046744979	1.154584798
8/2/2010	12:00:00 AM	0.104758406	9.498019075	0.046744448	1.155909651
8/3/2010	12:00:00 AM	0.105359482	9.480946508	0.046920568	1.122238888
8/4/2010	12:00:00 AM	0.105346993	9.496850599	0.046944947	1.115245346
8/5/2010	12:00:00 AM	0.105241085	9.515312238	0.046930951	1.111917026
8/6/2010	12:00:00 AM	0.105142351	9.525635261	0.04691531	1.110921481
8/7/2010	12:00:00 AM	0.105098723	9.529255317	0.046903822	1.111552651
8/8/2010	12:00:00 AM	0.10507053	9.53082988	0.046894125	1.113612369
8/9/2010	12:00:00 AM	0.10505164	9.513034076	0.046879407	1.121343406
8/10/2010	12:00:00 AM	0.105089639	9.390822767	0.046841221	1.161363172
8/11/2010	12:00:00 AM	0.105093562	9.467569297	0.046868372	1.135903083
8/12/2010	12:00:00 AM	0.105000516	9.501697719	0.046852185	1.130899601
8/13/2010	12:00:00 AM	0.104980153	9.469098488	0.046830804	1.143079979
8/14/2010	12:00:00 AM	0.104971869	9.477385042	0.046828569	1.141825722
8/15/2010	12:00:00 AM	0.104928721	9.502458323	0.046822522	1.137244963
8/16/2010	12:00:00 AM	0.104885038	9.524516201	0.046815231	1.13290938
8/17/2010	12:00:00 AM	0.104949755	9.31400462	0.046752846	1.202555706
8/18/2010	12:00:00 AM	0.105075333	9.207256543	0.046745571	1.23156677
8/19/2010	12:00:00 AM	0.105059422	9.262390406	0.046757279	1.214641402
8/20/2010	12:00:00 AM	0.104958932	9.386561857	0.046771466	1.179635578
8/21/2010	12:00:00 AM	0.10484766	9.460553284	0.046763247	1.162026205
8/22/2010	12:00:00 AM	0.104778684	9.504202434	0.046755747	1.152593944
8/23/2010	12:00:00 AM	0.104752682	9.52688896	0.046755406	1.149276076
8/24/2010	12:00:00 AM	0.104786341	9.385808449	0.046709764	1.196799746
8/25/2010	12:00:00 AM	0.104822719	9.356619813	0.046702212	1.202292499
8/26/2010	12:00:00 AM	0.104762511	9.458163827	0.046717977	1.173159838
8/27/2010	12:00:00 AM	0.104669558	9.520958378	0.046710726	1.15923555
8/28/2010	12:00:00 AM	0.104612551	9.557348191	0.046703382	1.151634734
8/29/2010	12:00:00 AM	0.104572701	9.578717787	0.046695729	1.147522249
8/30/2010	12:00:00 AM	0.104541282	9.591472362	0.046686962	1.146497803
8/31/2010	12:00:00 AM	0.104517751	9.595631364	0.046677318	1.14805884
9/1/2010	12:00:00 AM	0.104498672	9.598806844	0.046668489	1.149565147
9/2/2010	12:00:00 AM	0.104481237	9.597522061	0.046658421	1.153135105
9/3/2010	12:00:00 AM	0.104436153	9.608161271	0.046638046	1.155252447
9/4/2010	12:00:00 AM	0.104381551	9.62561928	0.046615235	1.157439302
9/5/2010	12:00:00 AM	0.104333031	9.638178392	0.046591075	1.161255961
9/6/2010	12:00:00 AM	0.104284463	9.64844208	0.046567417	1.165382329
9/7/2010	12:00:00 AM	0.104241649	9.6587	0.046544157	1.169540878
9/8/2010	12:00:00 AM	0.104201305	9.668404392	0.046521054	1.174054792
9/9/2010	12:00:00 AM	0.104163321	9.678611965	0.046498556	1.178451854
9/10/2010	12:00:00 AM	0.104126632	9.689266821	0.046476271	1.182654806
9/11/2010	12:00:00 AM	0.1040913	9.70016432	0.046454083	1.187002097
9/12/2010	12:00:00 AM	0.10405755	9.711348232	0.046432177	1.191321848

Date	Time	NH3 & NH4+ (mg/L)	NO3 (mg/L)	Tot. Sol. P (mg/L)	CO2 (mg/L)
9/13/2010	12:00:00 AM	0.104025309	9.722395716	0.046410415	1.19575426
9/14/2010	12:00:00 AM	0.103994525	9.734057973	0.046389069	1.200019209
9/15/2010	12:00:00 AM	0.103964965	9.745666184	0.046367876	1.204385581
9/16/2010	12:00:00 AM	0.103936903	9.757145721	0.046346909	1.208824225
9/17/2010	12:00:00 AM	0.103910195	9.768366826	0.046326105	1.213378658
9/18/2010	12:00:00 AM	0.103884702	9.780010586	0.04630568	1.217807565
9/19/2010	12:00:00 AM	0.103860164	9.791363205	0.046285341	1.22239184
9/20/2010	12:00:00 AM	0.103836668	9.80337076	0.04626544	1.226751977
9/21/2010	12:00:00 AM	0.103813884	9.815435463	0.04624572	1.231167795
9/22/2010	12:00:00 AM	0.103792181	9.826747744	0.04622604	1.235853705
9/23/2010	12:00:00 AM	0.103771556	9.838175019	0.046206696	1.240466298
9/24/2010	12:00:00 AM	0.103751554	9.84966012	0.046187564	1.245092941
9/25/2010	12:00:00 AM	0.103732208	9.861271167	0.046168689	1.249686057
9/26/2010	12:00:00 AM	0.103713427	9.872737508	0.046149978	1.254346014
9/27/2010	12:00:00 AM	0.103695897	9.884642236	0.046131913	1.258892942
9/28/2010	12:00:00 AM	0.103679798	9.881716442	0.046109665	1.26841907
9/29/2010	12:00:00 AM	0.103638919	9.902959234	0.046089356	1.26912095
9/30/2010	12:00:00 AM	0.103550254	9.918834003	0.04605586	1.272582327
10/1/2010	12:00:00 AM	0.103455771	9.930657569	0.046020055	1.276943163

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
8.6	0	4.6	3.7	12
6.320395686	0.001016234	9.750865625	10.83438045	24.7069801
6.468683969	0.001133701	10.9313748	12.33101584	27.52055815
6.19084194	0.000774142	7.026615943	9.477726203	21.96480293
5.72952625	0.000478039	5.017913693	8.093152491	19.29801792
5.678193494	0.000466994	5.236760954	8.413343225	19.95993683
6.04898831	0.00064845	7.450006263	10.4889052	24.09974853
6.121993134	0.000636695	6.921224748	9.858464887	22.81547821
6.14834608	0.000636511	6.743714031	9.644763602	22.37930615
6.274325285	0.000691131	7.281987953	10.08488135	23.24387123
6.347155224	0.000718314	7.394350841	10.11711369	23.29346877
6.110281543	0.000610806	6.212867803	9.102900901	21.28849379
5.626908636	0.000417741	4.686717081	7.878256296	18.88834832
5.741235925	0.000506659	5.702526916	8.902090483	20.94756011
6.059334035	0.000654366	7.550520491	10.59614656	24.31528628
6.264059152	0.000705089	7.744934923	10.58193222	24.24617191
6.383208142	0.000739473	7.678380591	10.37046887	23.79543694
6.535515523	0.000805004	8.183041246	10.70500828	24.43506609
6.791756225	0.000924122	9.350798857	11.55443303	26.08318449
7.207863055	0.001126885	11.66404314	13.19909973	29.27279589
7.389873962	0.001217186	12.26390757	13.37040416	29.55693144
7.461524448	0.001256286	12.58771966	13.49404937	29.77857138
7.501227732	0.001278805	12.84051406	13.63498798	30.04677744
7.522581355	0.001291309	12.98683946	13.71774162	30.20448568
7.516173347	0.00128973	12.93369899	13.66580227	30.10036286
7.508138881	0.001287055	12.89460058	13.63895387	30.04762535
7.507769813	0.001288402	12.92197462	13.66153098	30.09174185
7.524716197	0.001297446	13.06349016	13.76331781	30.29046189
7.531236115	0.001302295	13.12186906	13.79651464	30.35379304
7.549213529	0.001312592	13.278183	13.90532617	30.5657385
7.588084635	0.001333165	13.59454384	14.12402438	30.99172078
7.612127982	0.001349082	13.81714362	14.26324435	31.26068336
7.632166002	0.001361303	13.99101209	14.37194758	31.47063451
7.647772325	0.001370778	14.12838981	14.45846333	31.6381289
7.657692083	0.001377304	14.22229724	14.51643704	31.75008372
7.511801973	0.001304176	13.00754982	13.63861158	30.03228716
7.469813813	0.001280322	12.76299784	13.53139836	29.83179093
7.564359361	0.00132874	13.59639338	14.16072896	31.06668287
7.607275509	0.001354578	13.92109682	14.34337773	31.41638626
7.633500137	0.001371216	14.15168174	14.48280806	31.68498187
7.651068803	0.001382157	14.30715902	14.57715831	31.86692088
7.663377952	0.001389943	14.42149409	14.64831063	32.00472252
7.665440092	0.00139069	14.41950371	14.63873647	31.98455795
7.650959151	0.001386798	14.34960486	14.58768341	31.88411636
7.64425808	0.001384443	14.31611028	14.56787318	31.84564184
7.63755369	0.001382315	14.28387715	14.54707053	31.80486191
7.642344598	0.001386781	14.36665608	14.6086823	31.92522079
7.65712042	0.001395148	14.50496175	14.70344768	32.11003328
7.665865393	0.001401057	14.59365779	14.75896321	32.21783123
7.67030576	0.001405528	14.66229663	14.80193665	32.30067854

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
7.675532252	0.001409959	14.73299058	14.84796136	32.38996692
7.677948796	0.001412489	14.77012312	14.87018698	32.43283946
7.67949987	0.001414757	14.8063362	14.89375147	32.47851597
7.681074765	0.001417033	14.84335982	14.9180256	32.52554688
7.681392892	0.001418908	14.87316601	14.93705273	32.56227833
7.680956852	0.001420118	14.89179797	14.94848803	32.58416314
7.679641316	0.001420861	14.90315781	14.95542705	32.59734491
7.679716124	0.001420859	14.90178312	14.95374124	32.59372304
7.67342473	0.001419729	14.88142027	14.93916802	32.56487721
7.672752966	0.001421107	14.90893067	14.96035831	32.6063442
7.67036061	0.001421822	14.91956168	14.96648621	32.61791814
7.671162342	0.001421791	14.9178088	14.96456238	32.61380051
7.666932129	0.001421568	14.91401359	14.96193193	32.60837243
7.663957486	0.001422045	14.92336626	14.96898036	32.62197346
7.661932593	0.001422635	14.93342676	14.97578895	32.63504124
7.665241779	0.001422813	14.93574931	14.97691415	32.63694103
7.658187637	0.001422544	14.93066362	14.97323418	32.62952592
7.652061198	0.001421079	14.90477966	14.95502555	32.59362017
7.643781143	0.001418741	14.86529686	14.92824013	32.54098612
7.643377075	0.001419484	14.88355855	14.94411378	32.5722473
7.643973939	0.001419643	14.88521166	14.94443564	32.57251817
7.645017517	0.001419731	14.88671659	14.94542675	32.57417188
7.638780977	0.001421072	14.91112774	14.96297917	32.60835034
7.63793329	0.00142227	14.93069454	14.97569207	32.63288751
7.636304245	0.001422915	14.94036029	14.98141218	32.64369356
7.637725591	0.00142309	14.94247849	14.98233375	32.64519551
7.637813551	0.001423208	14.94449403	14.98369263	32.64760896
7.633254218	0.001423229	14.94485239	14.98390889	32.64778956
7.632875766	0.001423233	14.94511363	14.98416957	32.64807131
7.630951868	0.001423238	14.94541331	14.98446925	32.64843118
7.62974076	0.001423243	14.94571264	14.98476857	32.64879084
7.627307953	0.001423248	14.94601265	14.98506859	32.6491516
7.613061831	0.00142141	14.91281967	14.96135567	32.60247581
7.584210591	0.001407727	14.67119377	14.79053115	32.26781977
7.477121219	0.001350938	13.72191138	14.12665449	31.01895343
7.493255552	0.001357164	13.92778599	14.33032587	31.41333454
7.554253146	0.001391682	14.5122733	14.74352598	32.20776383
7.570635039	0.00140421	14.66541342	14.81703198	32.33755165
7.516822374	0.001377843	14.18067059	14.45703663	31.62458265
7.507587945	0.001372036	14.12798199	14.44607107	31.60226223
7.504353593	0.001370929	14.12004865	14.4456863	31.60000686
7.434359776	0.001335406	13.52665963	14.02000799	30.76589251
7.403887665	0.00131828	13.31304073	13.90127365	30.53753804
7.447915281	0.001341502	13.73269149	14.22283063	31.16888719
7.462908375	0.00134747	13.78398999	14.23508643	31.18958675
7.495559955	0.001360447	13.99214808	14.37991552	31.47257981
7.512437727	0.001366356	14.06680335	14.42007465	31.54982809
7.54133726	0.001378051	14.25687834	14.55120698	31.80618296
7.580969079	0.001394708	14.52561725	14.73230772	32.15959279
7.604950819	0.001405301	14.6815047	14.82685657	32.34306347

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
7.625117209	0.001412279	14.78610824	14.89094156	32.46769202
7.63974995	0.001416046	14.84078577	14.92299591	32.5301696
7.652179712	0.001418639	14.88069109	14.9478784	32.579018
7.654395375	0.001415688	14.82249006	14.90336263	32.49196379
7.655427518	0.001412205	14.76542228	14.86556501	32.41865913
7.669618681	0.001414864	14.82008747	14.90869452	32.50419774
7.66847324	0.001410258	14.73242468	14.84276022	32.37518572
7.669004861	0.001406583	14.67530072	14.80682393	32.30587881
7.682890952	0.001409225	14.72981133	14.84976454	32.39087485
7.705563778	0.001415677	14.84141744	14.92729783	32.5430228
7.721462953	0.001420008	14.90801395	14.96837712	32.62320061
7.731201667	0.001421847	14.93347978	14.98224916	32.65033999
7.741340641	0.001422844	14.94823237	14.9909703	32.66767835
7.749201968	0.001423151	14.95210951	14.99274979	32.67150801
7.755353509	0.00142318	14.95222324	14.99258853	32.67163316
7.763674123	0.001423182	14.95241815	14.99278218	32.67249796
7.772641423	0.001423288	14.95456678	14.99441399	32.67619016
7.78092962	0.001423308	14.95494212	14.99465277	32.67713322
7.789807717	0.001423412	14.95703077	14.99622398	32.68069763
7.798693881	0.001423534	14.95927413	14.99781339	32.68429052
7.806852569	0.001423553	14.95960945	14.99801146	32.68514782
7.815882093	0.001423657	14.96169984	14.99958428	32.68871136
7.825875887	0.001423779	14.963942	15.00117172	32.69229862
7.833402049	0.001423697	14.96242281	15.00003385	32.69053705
7.843494538	0.001423789	14.964501	15.0017253	32.69435055
7.865020581	0.001423706	14.96302541	15.0006378	32.69337455
7.887116534	0.001423799	14.9651047	15.00232783	32.69803144
7.91232567	0.001423818	14.96549239	15.00258476	32.69982885
7.933710875	0.00142372	14.96388868	15.0015014	32.69899733
7.960271636	0.001423814	14.9660019	15.00322628	32.70368243
7.982813125	0.001423731	14.96452248	15.00213538	32.70279334
8.005543569	0.001423823	14.96660285	15.00382665	32.70738342
8.029497171	0.001423842	14.96699123	15.00408361	32.70911261
8.056984709	0.001423949	14.96912893	15.00569784	32.71350777
8.08176218	0.001423883	14.96760722	15.00561683	32.71537471
8.082923604	0.00141342	14.77976065	14.8711216	32.45303199
7.847775081	0.001296564	12.85798953	13.50919716	29.79285593
7.784622664	0.001254564	12.40148757	13.28464005	29.37000376
7.624002007	0.001174094	11.3108753	12.5272917	27.89802928
7.535429472	0.00112601	10.8101254	12.23236652	27.33613978
7.295844892	0.001015008	9.503030488	11.30779387	25.53970891
6.906837862	0.000847456	7.860438723	10.16377937	23.32412162
6.729861901	0.000777166	7.466414765	9.984093135	22.99945681
6.811755716	0.000806618	7.981501782	10.46677553	23.96373808
7.004299804	0.000877661	8.737935519	11.05099553	25.10778278
7.385925047	0.001023042	10.34594429	12.23441602	27.41396308
7.688657652	0.001133413	11.36305358	12.82716146	28.54155885
7.766915671	0.001156569	11.34309576	12.67471758	28.21883158
7.913695303	0.0012076	12.01555442	13.14425218	29.13284695
8.049939163	0.001253819	12.58904236	13.51143823	29.84254718

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
8.125347969	0.001276157	12.82677068	13.63632891	30.07989642
8.216772181	0.001303859	13.21800409	13.89830448	30.59022854
8.311428949	0.001332237	13.62169469	14.16223949	31.10396655
8.385718002	0.001352336	13.89775255	14.33202955	31.43337088
8.44951515	0.001367773	14.1195524	14.47136857	31.70490322
8.367621367	0.001331174	13.47413199	13.9887455	30.75877787
8.023263709	0.001191383	11.43487206	12.55672778	27.96806354
7.642580977	0.00104012	9.698927048	11.40479421	25.738879
6.655858959	0.00068059	6.328617248	9.004141516	21.07085747
6.430724765	0.000617448	6.278099316	9.157303821	21.41131358
6.480883273	0.000639702	6.713031865	9.59637222	22.29530261
6.607567493	0.000680332	7.136807729	9.953278377	23.00192625
6.722845992	0.000712802	7.365929304	10.10424988	23.29280823
6.844327069	0.000747811	7.621885309	10.27351306	23.61916452
6.943251106	0.000774883	7.78931719	10.36647654	23.79480884
6.761478705	0.000709914	7.013883528	9.703579937	22.48158418
6.129169845	0.000503523	5.288088047	8.341121577	19.80433907
5.621958865	0.000375931	4.284763194	7.554220493	18.25957867
5.75818075	0.000488035	5.111866863	8.399510795	19.96499909
6.01346428	0.000577804	6.285601536	9.527772477	22.22645159
6.180946985	0.000584521	6.649166532	9.799666981	22.75565622
6.581010633	0.000687258	7.84391928	10.78936103	24.70825843
6.81892295	0.00072774	7.766464874	10.51906884	24.13536667
7.06228578	0.000792087	8.139954589	10.70636951	24.48305576
7.484936174	0.000922259	9.41438019	11.63546634	26.29648462
7.892357015	0.001046325	10.52647895	12.3275007	27.62559516
7.353862382	0.000859771	7.955864751	10.22210997	23.4681796
7.076244755	0.000772464	7.392729511	9.916305171	22.89205096
6.913265486	0.000723329	7.112071637	9.769812988	22.61838068
6.969863636	0.000740484	7.442680699	10.09229812	23.26627779
6.984616372	0.000742203	7.43695279	10.07929952	23.23966513
6.865058412	0.000703547	7.026153852	9.739694359	22.56798051
6.762883075	0.000672416	6.806153267	9.591412331	22.28140207
5.623782605	0.000351437	4.062950359	7.3334547	17.8186309
5.652555516	0.00044859	4.438051421	7.751627318	18.66804685
6.347209364	0.000762487	8.002479293	11.24346508	25.67830598
6.767650236	0.000745545	8.864236106	11.81756856	26.78099774
6.945849091	0.000729649	7.77946304	10.52695091	24.15899575
7.1780772	0.000786134	8.061099972	10.63773384	24.35632444
7.52829952	0.000885299	8.963453043	11.27763436	25.60372736
8.002528508	0.001022296	10.33781354	12.2307778	27.45879636
8.310342301	0.001109239	11.02819247	12.57710708	28.10792358
8.437521626	0.001143823	11.23071983	12.61839566	28.17005012
8.519404278	0.001165176	11.43575892	12.73126026	28.38533243
8.581071208	0.001180646	11.60337971	12.8324244	28.58018666
8.6281717	0.001191416	11.72140333	12.90325684	28.71673651
8.67654982	0.001202368	11.85578492	12.99144521	28.888503
8.732865452	0.001215672	12.02715913	13.10670939	29.11326869
8.774242237	0.001224619	12.12942018	13.16796692	29.23147043
8.811234883	0.001232072	12.22072979	13.22577479	29.34377557

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
8.723869437	0.001203362	11.77658156	12.8903776	28.68492356
8.54606719	0.001146166	11.02947211	12.36834332	27.66680655
8.427906206	0.001107159	10.62380772	12.12177431	27.19321829
8.540753208	0.001136508	11.1216913	12.53509831	28.01338095
8.731158375	0.001188909	11.80179944	13.01258305	28.94597142
8.839252882	0.001217424	12.08994996	13.16869418	29.24255761
8.902791567	0.001232562	12.24747943	13.2538996	29.40465114
8.937526758	0.001239627	12.31831818	13.28936757	29.47154523
8.963417917	0.001243608	12.36236091	13.31424066	29.51950949
9.000442099	0.001250378	12.45704325	13.37952356	29.64727935
9.03482505	0.001256707	12.53926327	13.43251213	29.75021926
9.073289833	0.001263878	12.63629698	13.49709629	29.87625039
9.105038548	0.001268968	12.69980049	13.53641951	29.95272909
9.125293767	0.001270826	12.71732716	13.54395917	29.96715137
8.389959974	0.001056875	9.792755056	11.4163154	25.80046026
7.876698837	0.000910694	8.450889819	10.5780735	24.18334943
7.635181972	0.000846809	8.050724413	10.38651233	23.8265523
7.489942683	0.000809058	7.810417106	10.25870493	23.58516973
7.485486602	0.000809203	7.923662429	10.38940386	23.85077932
7.709978966	0.000869654	8.628552014	10.95925366	24.97762111
8.070943654	0.000966665	9.632153614	11.68737358	26.40253375
8.515466706	0.001085651	10.88368405	12.53624778	28.05357589
8.477821152	0.001071684	10.32089502	11.9643913	26.90431022
7.81741853	0.000886425	8.174020513	10.36147916	23.75793629
7.63527216	0.000841043	8.042713556	10.40060978	23.85874677
8.024125595	0.000949482	9.476436888	11.58701585	26.20914286
8.518708932	0.001081113	10.889145	12.56561488	28.11627851
8.608381768	0.001101058	10.73119794	12.28162339	27.5303954
8.543003963	0.001082191	10.40571613	12.00642129	26.98372956
8.587434313	0.001092662	10.58952049	12.16347833	27.2960799
8.721746321	0.001128149	11.05052475	12.4999047	27.95546115
8.872098957	0.001168097	11.52465079	12.81666766	28.57101771
8.95979729	0.001191192	11.75738989	12.94591126	28.81671322
8.996275922	0.00119984	11.82579006	12.97145291	28.8625468
9.039198531	0.00121022	11.95711247	13.05934074	29.03389078
9.091701852	0.001223063	12.12476801	13.17244806	29.25413415
9.13009399	0.001232188	12.23211096	13.23808464	29.38070035
8.734301185	0.001122959	10.67528576	12.0877819	27.12422026
6.913647795	0.000629553	5.883771016	8.647529472	20.39338823
5.990093525	0.000412689	4.620322371	7.808280416	18.76334994
6.168739225	0.000505173	5.685151817	8.885977685	20.93574462
6.388699256	0.000563613	6.386023452	9.527910484	22.21871139
7.027916518	0.000726282	8.362214385	11.25167982	25.64451689
7.390481431	0.000782136	8.285884963	10.91507172	24.93228859
7.720630513	0.000856129	8.684499964	11.07892055	25.22921058
8.132691729	0.000959558	9.622175523	11.70832862	26.4517924
8.264565577	0.000988012	9.612137701	11.56706364	26.15112182
8.208130533	0.000974503	9.33833185	11.31470912	25.64626892
8.242790764	0.000984589	9.491395984	11.44415284	25.90326535
8.395679625	0.001027517	10.01003732	11.83292432	26.66675722

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
8.58865954	0.001080858	10.59531716	12.23310309	27.44583955
8.701685854	0.00111301	10.88271123	12.39010407	27.74326073
8.725535239	0.001120756	10.900034	12.36704494	27.69161593
8.675218947	0.001110344	10.73377138	12.23191538	27.4237495
8.724453739	0.001124942	10.9599103	12.4129792	27.78167626
8.842854806	0.001159483	11.41032646	12.73555515	28.41285882
8.946956409	0.001189872	11.76264116	12.96096228	28.84849062
8.910639146	0.001183103	11.58742327	12.79749566	28.52122055
8.871912304	0.001174969	11.48401783	12.7269302	28.38346919
8.866778965	0.001174174	11.49205544	12.74159195	28.41364772
8.855443319	0.001173567	11.48606305	12.73827484	28.4070766
8.735704038	0.001143342	11.06230473	12.42408344	27.78980912
7.743191816	0.00086664	7.887183785	10.10788416	23.25283651
7.222077234	0.000731955	6.988845985	9.596006368	22.27577575
7.151538336	0.000722957	7.209133302	9.883402041	22.86233998
7.33789364	0.000775993	7.855548946	10.43881458	23.96670113
7.02174974	0.000687148	6.797642355	9.530709433	22.1614305
6.75959697	0.000621891	6.345546143	9.221431571	21.55949514
6.93748455	0.000678918	7.129140266	9.949542908	23.01662207
7.150956725	0.000735265	7.62873869	10.32880209	23.76170199
7.172239711	0.0007354	7.427074134	10.09315085	23.28298942
7.311290943	0.000774858	7.821379137	10.40401864	23.89607484
7.515030435	0.000831105	8.332676295	10.77562434	24.62281065
7.84009239	0.000921685	9.21974226	11.41613921	25.8746194
7.919479543	0.000940334	9.140590777	11.24462728	25.51795027
7.218622987	0.000742566	6.984967066	9.552196587	22.18051725
7.007882554	0.000694387	6.887064707	9.609778561	22.3174194
7.12870714	0.000733128	7.463071961	10.14329694	23.38468346
7.332878724	0.000792017	8.035276206	10.58536984	24.25403293
7.612760111	0.000871368	8.759180364	11.1022956	25.26309242
7.893436638	0.000951222	9.449448052	11.54910625	26.12616424
7.265832676	0.000768315	7.218800395	9.729063557	22.5263459
6.952051745	0.000688792	6.777395434	9.501437927	22.09784475
6.947549332	0.000697321	7.085579285	9.83106467	22.76347386
7.09332384	0.000740544	7.569313285	10.23987403	23.57487169
6.845876662	0.000668534	6.708291407	9.490560362	22.08365857
6.654496017	0.000620298	6.383193903	9.271098297	21.65727234
6.737132144	0.000650807	6.842974678	9.711789041	22.54126048
6.917934189	0.000705584	7.389809209	10.15878196	23.42432466
7.087993685	0.000752672	7.729648186	10.38082583	23.85270247
7.300333235	0.000814705	8.244981171	10.73919448	24.54917339
7.531668792	0.000883725	8.823228376	11.12418534	25.29396547
7.757423145	0.000952999	9.418508834	11.50503489	26.02719716
7.955095845	0.001015405	9.973423921	11.84935575	26.68839585
8.098701286	0.001062857	10.39811213	12.10021403	27.16761851
8.192769161	0.001096274	10.7068738	12.27935849	27.50860752
8.248771734	0.001118583	10.91926475	12.40161775	27.74052991
8.278124648	0.001132688	11.05443616	12.47826027	27.88541178
8.276973681	0.001136854	11.07576638	12.478812	27.88253552
8.263586867	0.001136892	11.06479143	12.46564159	27.85459558

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
8.285759611	0.001149679	11.24424336	12.59990887	28.1169903
8.336683143	0.001171246	11.52061007	12.79260623	28.4912489
8.36999231	0.001187699	11.70576978	12.90768196	28.71189083
8.318817245	0.00117674	11.50623916	12.74141643	28.38104319
8.20400499	0.001143506	11.06316227	12.42358866	27.75846329
8.217309931	0.001151424	11.25107648	12.59740953	28.10465492
8.261153661	0.001169442	11.49050939	12.76849258	28.43792646
8.256720092	0.001172424	11.48948783	12.7488954	28.395216
8.286717291	0.001186377	11.68345126	12.88971229	28.66980584
8.336618649	0.001207334	11.95856305	13.07933703	29.03815787
8.361826474	0.001220414	12.10344532	13.16338605	29.19712665
8.375521124	0.001228708	12.19714035	13.21888586	29.30259465
8.377815947	0.00123344	12.24914683	13.24890095	29.35933493
8.351181019	0.001228679	12.16587088	13.18227936	29.22675783
8.23228376	0.001191762	11.63408557	12.79617966	28.4703062
7.692436532	0.001004928	9.301304414	11.1184439	25.19461378
7.609996708	0.00098195	9.375612481	11.32243287	25.62034346
7.829795673	0.001061475	10.46793489	12.18576196	27.31909353
8.078565906	0.001151425	11.49468539	12.87718364	28.65863918
8.203809972	0.001199129	11.93472464	13.10277871	29.08180778
8.267690123	0.00122661	12.22018534	13.26030654	29.37971363
8.292643545	0.001239908	12.35515135	13.33009335	29.51002905
8.313039041	0.001251501	12.50178019	13.4238281	29.69008392
8.315470225	0.001257281	12.56439235	13.45707177	29.75162076
8.32477707	0.001264409	12.66206776	13.52279841	29.87830437
8.299600491	0.001259656	12.57191542	13.4493793	29.73239667
8.234347891	0.001240731	12.29211929	13.24893305	29.33950794
8.1886677	0.001227501	12.13334133	13.15146938	29.15105611
8.219218179	0.001241918	12.38300623	13.34954052	29.54077055
8.087897994	0.001198412	11.7051821	12.83676888	28.53327944
7.782799047	0.00108791	10.29167999	11.83884329	26.58796715
7.785862187	0.001091261	10.56453751	12.14162653	27.19825801
7.979882153	0.001167654	11.63158755	12.94091266	28.76256257
8.097972823	0.00121583	12.14153738	13.2380299	29.32940343
8.145108265	0.001238827	12.36732081	13.3514984	29.54089348
8.179164286	0.001256704	12.5874393	13.48855788	29.80370014
8.205715932	0.001271397	12.77549454	13.6074529	30.03205291
8.221160202	0.001281719	12.90539841	13.68749897	30.18536171
8.206837564	0.001280814	12.86773923	13.6489208	30.1068309
8.079172698	0.001236978	12.19633119	13.15964473	29.14826476
7.914172338	0.001176515	11.40534661	12.62297831	28.10547494
8.039165398	0.001227264	12.2867813	13.33333795	29.50519491
8.120651151	0.001264632	12.73929914	13.61210953	30.0404794
7.870887906	0.00117196	11.29549951	12.51923884	27.8960583
7.619367114	0.00107538	10.18307386	11.78225571	26.46952742
7.81986565	0.00115706	11.52323749	12.87817072	28.63168851
8.017552929	0.001240114	12.54788201	13.55209187	29.93437748
8.087435929	0.001274043	12.86145895	13.69019162	30.18851552
8.128819178	0.001296383	13.13739549	13.85520368	30.50438276
8.148882996	0.001309414	13.29822457	13.94879349	30.68298308

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
8.162447615	0.001319616	13.43697367	14.03667508	30.85258608
8.174705616	0.00132983	13.58434875	14.1333015	31.03945638
8.187819318	0.001340267	13.7373897	14.23390397	31.23417924
8.200907288	0.001350985	13.89677248	14.33868874	31.43706089
8.214753037	0.001361922	14.06163071	14.44704707	31.64695673
8.228635492	0.001373162	14.23358249	14.5600869	31.86599547
8.243268113	0.001384639	14.41167875	14.6771302	32.09290079
8.258336151	0.001396455	14.59798466	14.79969028	32.33065782
8.25038519	0.001397632	14.59588998	14.78557843	32.30053313
8.238893247	0.001397576	14.59250683	14.78215347	32.29309352
7.784041089	0.001210592	11.65632678	12.67922374	28.18404008
7.791188426	0.00121287	11.99680896	13.08854197	29.00895083
7.942858625	0.001282309	13.0617455	13.86716455	30.53156028
7.9456688	0.001290142	13.02149136	13.76242909	30.31304406
7.94188713	0.001293271	13.0531078	13.77753261	30.34049436
7.937924897	0.001296773	13.10201995	13.80984115	30.40266523
7.934535527	0.001300284	13.15127552	13.84225759	30.46494554
7.931529418	0.001303823	13.20112032	13.87504696	30.52795623
7.928587308	0.00130739	13.25159151	13.90824475	30.59176272
7.925661725	0.001310985	13.30270578	13.94186393	30.6563888
7.922749405	0.001314611	13.3544775	13.97591477	30.72185535
7.919850194	0.001318266	13.4069198	14.01040602	30.78817987
7.916964257	0.001321952	13.46004586	14.04534638	30.8553796
7.914091805	0.001325669	13.51386917	14.08074471	30.92347214
7.911233067	0.001329417	13.56840358	14.11661009	30.99247555
7.908388279	0.001333196	13.62366327	14.15295185	31.06240835
7.905557689	0.001337008	13.67966283	14.18977957	31.1332896
7.902741556	0.001340852	13.73641724	14.22710307	31.20513884
7.899940149	0.001344729	13.79394188	14.26493246	31.27797618
7.89715375	0.001348639	13.85225254	14.30327811	31.3518223
7.89438265	0.001352582	13.91136546	14.34215068	31.42669842
7.891627155	0.00135656	13.97129733	14.38156114	31.50262639
7.888887581	0.001360573	14.0320653	14.42152073	31.57962869
7.886164258	0.001364621	14.093687	14.46204105	31.6577284
7.883457528	0.001368704	14.15618056	14.50313399	31.73694932
7.880767748	0.001372823	14.21956463	14.5448118	31.81731589
7.878095288	0.001376979	14.28385839	14.58708708	31.8988533
7.875440532	0.001381172	14.34908157	14.62997277	31.98158748
7.87280388	0.001385403	14.41525449	14.67348223	32.0655451
7.87038648	0.001389681	14.48254992	14.71778348	32.15109189
7.866374024	0.001393051	14.53405172	14.75074667	32.21453744
7.862606341	0.001393407	14.53396165	14.74731198	32.206761
7.807489489	0.001376982	14.2457691	14.53864065	31.79698039
7.816300292	0.001384693	14.41152305	14.67578592	32.06739391
7.819266942	0.001391728	14.52096714	14.74674533	32.20496758
7.805663827	0.001390424	14.48461365	14.71330724	32.13772713
7.811446289	0.001398943	14.6386813	14.82629411	32.35864464
7.813903836	0.001405913	14.74729946	14.89551534	32.49238948
7.816156515	0.001410563	14.81818088	14.93926422	32.5765156
7.816586443	0.001414023	14.87193816	14.97319758	32.642062

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
7.81568704	0.001416437	14.90927304	14.99668922	32.68743957
7.812343126	0.001417687	14.92775547	15.00758604	32.70813469
7.809710342	0.001418809	14.9460056	15.01941979	32.73074536
7.806951863	0.001419955	14.96496434	15.03195851	32.75482836
7.803199549	0.001420915	14.98055334	15.04214839	32.77437752
7.799096976	0.001421038	14.9811214	15.0416366	32.77293231
7.773469059	0.001413155	14.83807264	14.93885182	32.57132331
7.760097858	0.001408238	14.76368224	14.89387788	32.48406015
7.740421814	0.001401803	14.65794289	14.82262989	32.34466602
7.727740515	0.001398106	14.60416367	14.79040648	32.28186552
7.728452373	0.001400738	14.65865817	14.83377553	32.36706475
7.727502518	0.001403081	14.69585636	14.85776869	32.41332187
7.735853085	0.001410292	14.82139458	14.94609696	32.58579097
7.733746875	0.001412165	14.84181225	14.9532147	32.59843425
7.714084037	0.001406249	14.73165041	14.87187012	32.43835055
7.710444676	0.001405489	14.72890557	14.87620018	32.4472539
7.712956021	0.001410504	14.82134467	14.94372745	32.57932543
7.712191909	0.001413133	14.85979543	14.96615551	32.62221127
7.713396663	0.001417384	14.93211399	15.01559116	32.71836002
7.714893513	0.001421239	14.99460146	15.05607966	32.79674418
7.713954989	0.001423519	15.02933819	15.07729306	32.8375851
7.711271842	0.001425395	15.05966589	15.09692271	32.87547324
7.708410321	0.001426014	15.06777726	15.1008584	32.88258935
7.700790244	0.001425338	15.05424591	15.09038457	32.86151624
7.696872142	0.001426468	15.07650293	15.10731763	32.89447545
7.693332379	0.001427674	15.09704099	15.12110023	32.92109019
7.69369256	0.001428061	15.10195873	15.12355478	32.92549391
7.668311381	0.001421319	14.97807452	15.03408675	32.74971092
7.656464979	0.001414125	14.85962392	14.95588294	32.59720637
7.638009318	0.00140242	14.66267948	14.82160612	32.33526835
7.626196269	0.001394292	14.53974722	14.74524706	32.1874419
7.64986269	0.001404335	14.73478738	14.89453425	32.48123852
7.669439443	0.001413662	14.88419617	14.99137558	32.66979448
7.680217618	0.001418654	14.95768444	15.0348275	32.75396427
7.686400197	0.001420761	14.98686005	15.0507488	32.78468385
7.675782813	0.001414267	14.86482496	14.960593	32.60786269
7.666430575	0.001407414	14.75317871	14.88727568	32.46527054
7.633347235	0.00138812	14.42416892	14.65766487	32.01667048
7.588001473	0.001362476	14.01586658	14.38294731	31.48148003
7.618906633	0.001374996	14.28073207	14.60087509	31.91217869
7.653157981	0.001391086	14.53860761	14.77347123	32.24848518
7.664018054	0.001396557	14.60521402	14.80520809	32.30864557
7.683811264	0.001406755	14.77673472	14.92314513	32.53898055
7.699650408	0.001413932	14.88704865	14.99189053	32.67250361
7.709161118	0.001417705	14.94222559	15.02443409	32.73563205
7.717497244	0.00142109	14.99705139	15.06011522	32.80525662
7.72459566	0.001423609	15.03697964	15.08532252	32.85436439
7.730980023	0.001425623	15.0694195	15.10615667	32.89508828
7.734505785	0.001426757	15.08678611	15.11660114	32.91544977
7.737940605	0.001427796	15.1039675	15.12783481	32.93746879

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
7.741254738	0.001428435	15.11396159	15.13396742	32.94952052
7.745427871	0.001429325	15.12941876	15.14453331	32.9703356
7.749439416	0.001429966	15.13978829	15.15116764	32.98344369
7.75095248	0.001430049	15.14030499	15.15098946	32.98322749
7.755850657	0.001429436	15.12894519	15.14275552	32.96723132
7.757025765	0.00142945	15.13063643	15.14477943	32.97147696
7.762383019	0.001429193	15.1260423	15.14161849	32.96554741
7.759691004	0.001426371	15.07487504	15.10512901	32.89421676
7.756447341	0.001425985	15.07311067	15.10690811	32.89818411
7.616754663	0.00142776	15.10663716	15.13136947	32.94128481
7.611067401	0.001429325	15.13258034	15.14831361	32.97171607
7.622062806	0.001430433	15.15039203	15.15963613	32.99312272
7.63215412	0.001430959	15.15821893	15.16414092	33.00117796
7.635437279	0.001431034	15.15888095	15.16419412	33.00158748
7.643643131	0.001430984	15.15800241	15.16365307	33.00113097
7.652312204	0.001429498	15.1308701	15.14425409	32.96367023
7.644663351	0.001420343	14.96625355	15.02739535	32.73526618
7.667390548	0.001426599	15.09768847	15.1321096	32.94232031
7.676823257	0.001428431	15.12016777	15.14124725	32.95996715
7.679738023	0.001425719	15.0669787	15.10118531	32.88167266
7.688311615	0.001426369	15.08411856	15.11664792	32.91290976
7.699991472	0.001427974	15.11269506	15.13650696	32.95230334
7.711185066	0.001429298	15.13442844	15.150619	32.98034218
7.689522619	0.001413332	14.84147289	14.93868811	32.56545165
7.685302781	0.001406341	14.74362948	14.88496914	32.4627263
7.704103716	0.00141079	14.83710944	14.95927998	32.6096565
7.729011001	0.001419528	14.98816271	15.06364472	32.81427615
7.744138468	0.001424166	15.05700975	15.1040115	32.89270787
7.75682876	0.001426865	15.09813157	15.12895978	32.94151759
7.769620464	0.001428152	15.11668458	15.14041645	32.9648445
7.755758925	0.00141739	14.91871743	14.99684637	32.68380763
7.756723264	0.001415834	14.90949443	15.00066818	32.69240792
7.784792608	0.001423222	15.04725106	15.10124001	32.89024532
7.799508553	0.001427066	15.10466043	15.13489908	32.95585308
7.81136838	0.001429253	15.13809516	15.15519688	32.99564921
7.820848868	0.001430426	15.15578014	15.16572498	33.0165598
7.829358788	0.001431047	15.16527688	15.17143212	33.02809187
7.836799245	0.00143107	15.16470298	15.17045181	33.02660633
7.845112658	0.001431065	15.16476755	15.17058362	33.02737491
7.85347861	0.001430733	15.15882947	15.16637486	33.01961369
7.874967064	0.001430942	15.16359512	15.17023781	33.02838399
7.901373656	0.001431496	15.17364732	15.17733116	33.04362543
7.925902125	0.001431648	15.17565549	15.17829708	33.04680985
7.948874823	0.00143166	15.1758197	15.17836304	33.04823133
7.971092386	0.001431664	15.17609351	15.17863644	33.05006508
7.995414304	0.001431618	15.1754446	15.17825319	33.0505957
8.020426251	0.001431605	15.1755173	15.17844705	33.05224323
8.043496399	0.001431609	15.17582716	15.1787712	33.05412929
8.067713855	0.001431613	15.17613141	15.17907551	33.05596749
8.092091104	0.001431629	15.17662688	15.17951815	33.05806508

Oxygen (mg/L)	Susp sand (mg/L)	Susp silt (mg/L)	Susp clay (mg/L)	TSS (mg/L)
8.116556649	0.001431625	15.17674368	15.17967379	33.05958328
8.141226279	0.001431658	15.17760179	15.18038745	33.06218596
8.165954135	0.001431678	15.17813105	15.18082198	33.06422347
8.190739669	0.001431685	15.17843468	15.18111141	33.06596551
8.215546916	0.001431669	15.17835081	15.18113294	33.06716943
8.240529464	0.001431681	15.17882644	15.18158399	33.06920691
8.265507714	0.001431667	15.17876328	15.18161226	33.07039672
8.290726318	0.001431699	15.17960929	15.18232835	33.07292714
8.316026545	0.00143173	15.18033588	15.18290737	33.07517105
8.341259048	0.001431707	15.18007747	15.18277848	33.07601356
8.366655451	0.001431697	15.18015225	15.18294822	33.07743706
8.392163075	0.00143169	15.18026738	15.18313032	33.0788704
8.417804003	0.001431694	15.18056535	15.18344253	33.08054681
8.443512972	0.001431688	15.18068026	15.18361009	33.08192525
8.469565562	0.001431718	15.18145758	15.1842965	33.08433496
8.494139282	0.001430714	15.16296247	15.17092878	33.05910382
8.521435517	0.001431492	15.17957481	15.18416626	33.08659161
8.548065615	0.001431735	15.18283822	15.1857145	33.09137506
8.574795642	0.001431757	15.1830038	15.18569534	33.09330025

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.37	3.33	1458	26	3
0.421282425	3.69943537	1471.233156	26.00023436	2.999812514
0.43629566	3.820738147	1485.541108	26.03228057	2.974175546
0.552379407	4.907307239	1530.324424	26.06451882	2.948384945
0.621338084	5.565135618	1734.557072	26.09679072	2.922567427
0.6331088	5.67625686	1999.978848	26.12903986	2.896768116
0.619785794	5.540402824	1948.329688	26.16129987	2.870960107
0.607691548	5.427460329	1754.435672	26.19358423	2.845132617
0.603346634	5.386845377	1707.554496	26.22583084	2.819335326
0.592670983	5.283639819	1673.387944	26.2581404	2.793487684
0.583633868	5.19765205	1635.248072	26.29035089	2.767719287
0.60144698	5.370667302	1660.68132	26.32258419	2.741932651
0.634203468	5.68875373	1949.148352	26.3548736	2.716101122
0.636498144	5.705937906	2173.644932	26.38710136	2.690318916
0.62060992	5.547354941	1972.996272	26.41936402	2.664508781
0.596907893	5.32169179	1728.24376	26.45172855	2.638617164
0.580394329	5.165453677	1635.272072	26.48388936	2.612888515
0.561425087	4.98478647	1592.364216	26.51625155	2.586998764
0.52622393	4.650804545	1551.800619	26.54841704	2.561266364
0.452050464	3.956475669	1509.250362	26.58080127	2.535358982
0.404185098	3.517217418	1482.196052	26.61306052	2.509551584
0.381782058	3.313764007	1474.213679	26.64587291	2.483301668
0.369318725	3.200677872	1471.158223	26.67955348	2.456357215
0.362217546	3.136395743	1469.533162	26.71254731	2.429962151
0.362283006	3.13728887	1469.100096	26.74569637	2.403442901
0.363611966	3.149171875	1469.342496	26.77807965	2.377536282
0.363061617	3.143886222	1469.386229	26.80958003	2.352335977
0.358669805	3.103686663	1468.873697	26.84106196	2.327150434
0.355859343	3.0782477	1468.241966	26.87195341	2.302437269
0.350598951	3.030317796	1467.570502	26.90372801	2.277017595
0.339767335	2.932052061	1466.18384	26.93694821	2.250441433
0.330481535	2.848464768	1464.638245	26.9709316	2.22325472
0.323207655	2.783105883	1463.529715	27.00254246	2.200299113
0.317554419	2.732350571	1462.699318	27.03489927	2.204105797
0.313547435	2.696424703	1462.10732	27.06686011	2.207865895
0.350761229	3.034060358	1465.170776	27.10144789	2.211935046
0.366041548	3.170072862	1469.346762	27.13389137	2.215751926
0.34360808	2.964623711	1467.840901	27.16759082	2.219716567
0.327774916	2.822782217	1464.507312	27.20105528	2.223653562
0.317592501	2.731528347	1462.921984	27.23717381	2.227902802
0.310761315	2.67046008	1461.892921	27.26875398	2.231618115
0.305965527	2.627562333	1461.221456	27.30076437	2.235384043
0.305078576	2.619848508	1460.947324	27.33468041	2.239374166
0.307135732	2.638305555	1461.110257	27.37073698	2.243616115
0.308651056	2.651622889	1461.352656	27.40274342	2.247381578
0.309897649	2.662634262	1461.515589	27.43597776	2.251291501
0.30752689	2.640968744	1461.400389	27.47178747	2.255504408
0.302696186	2.597532506	1460.887858	27.5011189	2.258955165
0.299026708	2.564782465	1460.375326	27.53349311	2.262763895
0.296131482	2.53890825	1460.021727	27.57152576	2.267238325

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.29337649	2.514228531	1459.707862	27.60485437	2.271159338
0.291713735	2.499403135	1459.473462	27.63572123	2.274790733
0.290301881	2.486711665	1459.31853	27.66863829	2.278663328
0.288872764	2.473871665	1459.163597	27.70188297	2.282574467
0.287659498	2.462981188	1459.024557	27.73527169	2.286502552
0.286840548	2.455616469	1458.925251	27.77177807	2.29079742
0.286332719	2.451006473	1458.865678	27.80390334	2.294576863
0.286284162	2.450493659	1458.849811	27.83719109	2.298493069
0.286906755	2.455962433	1458.901491	27.86753273	2.302062674
0.286203019	2.449431103	1458.889598	27.90258152	2.306186061
0.285685078	2.444763344	1458.814131	27.9379669	2.310349047
0.285648878	2.444358667	1458.802238	27.97039218	2.314163786
0.285761612	2.445243729	1458.818158	28.00456027	2.318201445
0.28549447	2.442710332	1458.810238	28.03651991	2.322086734
0.285121797	2.439281099	1458.774505	28.06845593	2.325969152
0.284974642	2.437880115	1458.754665	28.1002199	2.329830655
0.285120775	2.43908479	1458.766612	28.13371964	2.333903172
0.285954811	2.446439072	1458.838158	28.16330234	2.3374995
0.287341883	2.4586885	1458.981224	28.19553582	2.341418081
0.287081649	2.456073835	1459.028931	28.23068638	2.345691285
0.286916036	2.454535186	1458.993198	28.26188417	2.349483958
0.286843558	2.453765248	1458.993224	28.29415721	2.353407347
0.286075582	2.446746784	1458.941598	28.32436369	2.357079508
0.285302534	2.439776102	1458.854211	28.35980158	2.361387643
0.284848055	2.435650114	1458.798612	28.39156985	2.365249668
0.284702211	2.434257972	1458.778772	28.42260769	2.369022895
0.284617453	2.433381643	1458.774825	28.4546495	2.372918174
0.284589482	2.433015558	1458.774852	28.48759077	2.376922799
0.284577698	2.432787182	1458.778852	28.52002135	2.380865341
0.284566146	2.432559225	1458.782852	28.55242292	2.384804355
0.28455473	2.43233166	1458.786852	28.58465672	2.388722974
0.284543446	2.432103655	1458.790852	28.61298602	2.392166928
0.285581963	2.441297102	1458.866372	28.64585794	2.396163122
0.293397714	2.511289413	1459.470343	28.67742176	2.400000293
0.334961914	2.834074705	1462.30732	28.71215957	2.40422332
0.332734718	2.821130796	1464.099314	28.74268359	2.407934083
0.311006975	2.639565905	1462.19612	28.77648644	2.412043449
0.300136249	2.553565799	1460.45186	28.80663613	2.415708706
0.312542849	2.672954738	1461.21079	28.84011264	2.4197784
0.316441328	2.710395806	1462.44652	28.87449823	2.423958608
0.316852801	2.71604818	1462.609452	28.9036648	2.427504348
0.335131848	2.882757635	1464.20278	28.9359429	2.431428353
0.345570241	2.97633514	1466.392106	28.96954537	2.435513358
0.334727608	2.877295955	1465.919308	28.99613752	2.439372205
0.330278824	2.838884042	1464.651846	28.90169776	2.443199176
0.323226461	2.775929312	1463.940648	28.80373004	2.447169109
0.319354003	2.742229733	1463.189717	28.7062155	2.451120679
0.312797569	2.683922024	1462.518253	28.611507	2.45495854
0.303046513	2.597226592	1461.409723	28.51388719	2.458914375
0.296199474	2.537097432	1460.420393	28.40962323	2.463139451

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.291673487	2.497556462	1459.828395	28.3208644	2.466736214
0.289145359	2.475826519	1459.474796	28.22256975	2.470719396
0.287470964	2.461558913	1459.272184	28.11877813	2.47492533
0.288966816	2.475728606	1459.315917	28.02031382	2.478915388
0.291091603	2.495168034	1459.566263	27.92368141	2.482831211
0.289830288	2.484170594	1459.570263	27.82870678	2.486679856
0.292214868	2.506375688	1459.653729	27.74168139	2.490206375
0.294570064	2.527777515	1459.975595	27.64446065	2.494146039
0.293288163	2.516601597	1459.979595	27.53911077	2.498415119
0.289513158	2.483378703	1459.625996	27.45052154	2.502005009
0.286663111	2.45872642	1459.252531	27.34707368	2.506197014
0.285362842	2.44782636	1459.061838	27.25480739	2.50993591
0.284683614	2.442369225	1458.978425	27.15659293	2.513915842
0.284441629	2.440783922	1458.942692	27.05139921	2.518178594
0.284404664	2.440993552	1458.938745	26.95462077	2.522100335
0.284399433	2.441475015	1458.942745	26.85766593	2.526029224
0.284337961	2.441448139	1458.942772	26.76046984	2.529967889
0.284317841	2.44179718	1458.942798	26.6642477	2.533867087
0.284256143	2.441763335	1458.942825	26.56704778	2.537805907
0.284179566	2.441599905	1458.938878	26.47034741	2.541724484
0.284159704	2.441943653	1458.938905	26.37424336	2.545618896
0.284098352	2.441905228	1458.938932	26.27701821	2.549558739
0.284022025	2.441739093	1458.934985	26.18829282	2.553154147
0.28405972	2.44259697	1458.938985	26.09477763	2.556943651
0.284013967	2.442686497	1458.942985	25.98493894	2.5610058
0.28405447	2.444233167	1458.946985	25.7268528	2.564801184
0.284011272	2.445163851	1458.950985	25.45330213	2.568823988
0.283995478	2.446332403	1458.951012	25.19159032	2.572672691
0.284052045	2.448131482	1458.958985	24.92228402	2.576633078
0.284009405	2.449021035	1458.962985	24.65540327	2.580557795
0.284051017	2.450660735	1458.966985	24.39261141	2.584422381
0.284008442	2.451521655	1458.970985	24.12481816	2.588360517
0.283993091	2.452620836	1458.971012	23.85756274	2.592290744
0.283935264	2.453321783	1458.971039	23.58828687	2.596250683
0.284163282	2.456563499	1458.982985	23.28584128	2.600698412
0.290053998	2.510682328	1459.404184	23.06582303	2.603933975
0.352159876	3.072212807	1464.859579	22.79360274	2.607937215
0.378026887	3.304594696	1471.57849	22.53076979	2.611802405
0.415063484	3.643624698	1477.820602	22.26523261	2.615707364
0.438058075	3.85446378	1485.413643	21.99885246	2.619624719
0.480516519	4.247353027	1497.496536	21.73229947	2.623544616
0.535864207	4.763191866	1527.459369	21.46620881	2.627457714
0.559914763	4.988256978	1563.064316	21.1981874	2.631399205
0.556741501	4.957912653	1573.398948	20.93286222	2.635301046
0.537743748	4.780230322	1556.317672	20.66647075	2.639218567
0.490602882	4.34197684	1525.13111	20.39828394	2.643162491
0.443262978	3.906947411	1497.004004	20.12745209	2.647145312
0.428246189	3.771615481	1485.803242	19.8645761	2.651011136
0.405671892	3.566160855	1481.078991	19.59893496	2.654917623
0.382672232	3.358140541	1475.440877	19.32845523	2.658895266

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.370076853	3.24544382	1471.948355	19.05687849	2.662889042
0.355721895	3.116894212	1469.608096	18.78956768	2.666820083
0.340171179	2.978528958	1467.069172	18.52695412	2.670682047
0.32830023	2.873936209	1465.046778	18.26059965	2.674599025
0.319109664	2.793504817	1463.660116	17.99410108	2.678550893
0.337029325	2.957539889	1464.736913	17.80537111	2.682374834
0.404506115	3.570766203	1473.601416	17.61150957	2.686302747
0.469454053	4.164663574	1491.485356	17.41916838	2.690199856
0.576932103	5.160486014	1563.04885	17.2257198	2.694119403
0.600038495	5.375254496	1658.889328	17.03070312	2.698070721
0.60104986	5.38420896	1691.871884	16.83837968	2.70196747
0.593863833	5.317295974	1672.803948	16.64484767	2.705888707
0.585141098	5.236775142	1641.41872	16.45146604	2.709806897
0.575458822	5.147559509	1614.801476	16.25736581	2.713739647
0.567122243	5.071117982	1594.144212	16.06435651	2.717650293
0.579155193	5.18425561	1601.300188	15.87089865	2.721570027
0.618926657	5.55569927	1735.602404	15.67741132	2.725490359
0.642631521	5.777587529	2347.895016	15.48208674	2.729447916
0.646028067	5.807105326	2845.35868	15.29028856	2.733334023
0.64227741	5.770222362	2567.23028	15.09668858	2.737256637
0.631906629	5.674331554	2126.593092	14.90314035	2.741178202
0.609353727	5.464937131	1840.915384	14.70947227	2.745102196
0.587210969	5.261894246	1671.25862	14.51554374	2.749031467
0.566257462	5.069682119	1605.305508	14.32220894	2.752948708
0.52789975	4.71781608	1557.073403	14.12869594	2.756869559
0.480957719	4.289611468	1517.145537	13.93531822	2.76078767
0.531828891	4.757516222	1523.26845	13.74180888	2.764708447
0.560578659	5.021665159	1562.01232	13.54810656	2.768633135
0.575601436	5.160171286	1593.80288	13.35308055	2.772584643
0.575067627	5.155490866	1605.72684	13.15367332	2.77662492
0.57422768	5.148442936	1602.552184	12.96627664	2.780421846
0.581882712	5.219546039	1612.489484	12.77303756	2.784337147
0.589861652	5.293302399	1635.53874	12.58063592	2.788235481
0.642539063	5.779335346	2284.385896	12.38708744	2.792157052
0.648112959	5.829806564	3318.24776	12.19352267	2.796078952
0.643990355	5.787608762	2942.375688	11.99999171	2.800000104
0.611138231	5.487309296	1939.911052	11.86659553	2.801667556
0.586652196	5.265199956	1668.934628	11.73322846	2.803334644
0.567348026	5.089356465	1605.76284	11.59968623	2.805003922
0.538179562	4.8235751	1563.649648	11.46619157	2.806672605
0.491350642	4.397832074	1525.032978	11.33294991	2.808338126
0.452791373	4.048723417	1499.091198	11.19947622	2.810006547
0.434634879	3.88515593	1488.605633	11.06342685	2.811707164
0.424349373	3.792798706	1484.71578	10.92776888	2.813402889
0.416918445	3.726283455	1482.375521	10.78954249	2.815130719
0.411639253	3.679245674	1480.790193	10.66146958	2.81673163
0.406511288	3.633559214	1479.52273	10.52695415	2.818413073
0.400280045	3.577904447	1478.136068	10.39562062	2.820054742
0.395694537	3.537164169	1476.908339	10.26222618	2.821722173
0.391958921	3.50408	1476.038209	10.13145147	2.823356857

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.403917454	3.61284358	1477.313671	9.997627205	2.82502966
0.428870168	3.83897478	1482.52272	9.862752874	2.826715589
0.44661646	3.99991265	1488.7251	9.72949251	2.828381344
0.437520506	3.91793433	1489.245631	9.597329527	2.830033381
0.4150511	3.715348909	1483.726716	9.463608186	2.831704898
0.400258679	3.582437371	1478.764066	9.32893679	2.83338829
0.392151948	3.509887605	1476.384074	9.190394747	2.835120066
0.388161117	3.474458734	1475.235812	9.050523686	2.836868454
0.386015158	3.455649153	1474.683547	8.925596776	2.83843004
0.382749752	3.426712414	1474.131282	8.784122003	2.840198475
0.379476186	3.397710957	1473.459818	8.651938633	2.841850767
0.375872209	3.365721025	1472.788353	8.51718829	2.843535146
0.373190175	3.342049939	1472.196355	8.389828494	2.845127144
0.372077426	3.332516798	1471.88249	8.266245423	2.846671932
0.460336638	4.129996292	1485.872576	8.132609686	2.848342379
0.516397103	4.637078321	1515.001012	7.999598103	2.850012978
0.539771264	4.848697486	1540.156127	7.947828217	2.851684714
0.552369601	4.962869032	1557.801668	7.895717146	2.853367467
0.554521547	4.982382283	1566.14964	7.84510902	2.855001688
0.539811346	4.849134439	1556.617672	7.793467227	2.856669287
0.509269414	4.572770482	1532.622819	7.741663372	2.85834212
0.464491973	4.168066432	1507.038638	7.689484366	2.860027067
0.462995038	4.154957172	1496.076275	7.63867995	2.861667627
0.523072428	4.698477763	1516.821006	7.586762194	2.863344137
0.542288489	4.872293893	1544.638246	7.535300939	2.865005907
0.515450814	4.629289823	1538.006801	7.483663344	2.866673371
0.467201527	4.193235993	1509.68103	7.430867965	2.868378222
0.452815576	4.063657439	1494.228815	7.380164493	2.870015522
0.458180112	4.112329839	1493.875216	7.327855239	2.871704675
0.455328361	4.086660056	1494.475214	7.276873699	2.873350953
0.441548293	3.962355256	1491.022426	7.22532633	2.875015504
0.42403892	3.804492242	1485.74191	7.173048146	2.876703654
0.412413292	3.699807585	1481.693124	7.114941062	2.878580028
0.407591994	3.656511997	1479.829663	7.069765188	2.880038832
0.402798242	3.613429113	1478.760867	7.01562249	2.88178719
0.396740511	3.558954505	1477.453671	6.966513414	2.883373004
0.392089225	3.517183337	1476.265675	6.915947722	2.885005855
0.43704706	3.922982579	1482.706454	6.864505138	2.886667022
0.586590671	5.274867514	1574.812011	6.812886095	2.888333887
0.633608512	5.700725953	1927.80576	6.761062855	2.890007345
0.636614495	5.727495446	2174.950264	6.709645596	2.891667694
0.63067772	5.673536121	2056.151996	6.658052002	2.893333737
0.603429524	5.426466879	1818.55146	6.606379091	2.895002342
0.573608232	5.156941534	1636.577404	6.554727111	2.89667027
0.547146548	4.917787393	1573.802948	6.50304367	2.898339215
0.512808285	4.607520409	1537.371604	6.451257003	2.900011493
0.49789708	4.473035385	1517.191138	6.403768376	2.901741551
0.50002898	4.492224463	1514.413814	6.484476427	2.903345365
0.497504603	4.469227331	1514.61648	6.568279814	2.905010689
0.483175557	4.339592502	1509.335964	6.652324879	2.906680815

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.462612053	4.153726392	1500.399994	6.735715558	2.908337937
0.44796482	4.021367606	1493.212285	6.828307074	2.910177897
0.443400335	3.980015907	1490.156829	6.90669852	2.911735676
0.446762998	4.010189393	1490.359495	6.992452185	2.913439755
0.441872747	3.965789073	1490.045629	7.073345982	2.91504726
0.427747789	3.838069941	1486.632574	7.155627156	2.916682335
0.413586343	3.710110962	1482.424855	7.246282912	2.918483827
0.414740631	3.72037789	1481.038193	7.322842976	2.920005213
0.418380168	3.752966019	1481.99579	7.412141121	2.921779727
0.419151552	3.759674604	1482.516321	7.504348852	2.923612061
0.419449828	3.762115312	1482.599788	7.576388082	2.925043609
0.431510794	3.870766816	1484.630181	7.658281291	2.926670974
0.526604614	4.730297316	1514.55328	7.742130967	2.928337218
0.569727859	5.120463587	1570.700292	7.826209403	2.930008007
0.577599433	5.191482249	1605.272176	7.909929373	2.931671673
0.567941767	5.103619853	1599.316196	7.993688171	2.933336111
0.58390253	5.24848903	1609.253496	8.077543994	2.935002477
0.599747453	5.392148079	1661.70532	8.161418621	2.936669216
0.59436842	5.342891557	1674.821276	8.245256142	2.938335218
0.581102749	5.222323199	1636.284072	8.329600345	2.940011289
0.576992456	5.185036584	1611.256156	8.413617459	2.94168086
0.567868742	5.102033466	1597.353536	8.497193405	2.943341664
0.55237626	4.961302649	1574.31228	8.58075212	2.945002125
0.524993263	4.712822989	1546.423574	8.665909637	2.946694358
0.51446024	4.617331633	1527.872169	8.748558731	2.948336744
0.565174723	5.077436307	1558.152868	8.832380799	2.950002439
0.582798897	5.237082846	1609.690828	8.916815847	2.951680315
0.578646237	5.198935198	1619.230796	9.000242059	2.953335593
0.564311616	5.068283249	1595.394876	9.179417177	2.955007894
0.541358015	4.859387068	1563.612316	9.357913454	2.956673859
0.514197139	4.612461579	1535.127612	9.535919303	2.958335247
0.558932509	5.018781121	1551.422224	9.714876277	2.960005512
0.582818333	5.235504261	1604.549512	9.892976872	2.961667784
0.58563405	5.260498529	1630.777424	10.0727119	2.963345311
0.577660988	5.18728285	1620.05346	10.2501289	2.965001203
0.589445026	5.29469324	1628.0041	10.42894158	2.966670121
0.601156961	5.401202883	1672.906616	10.60897849	2.968350466
0.59959653	5.38624942	1689.59856	10.78582792	2.970001061
0.588714047	5.286313861	1659.405328	10.96457068	2.971669326
0.575569729	5.165906045	1619.676128	11.1434175	2.973338563
0.558112434	5.006070598	1585.906908	11.32236895	2.975008777
0.536575205	4.809092822	1556.111008	11.50024475	2.976668951
0.512604038	4.590096404	1532.394288	11.67913597	2.978338602
0.489099628	4.375501146	1515.034879	11.85976212	2.980024446
0.469714429	4.198515071	1503.397052	12.03978152	2.981704628
0.455221483	4.066057486	1496.169609	12.21617784	2.983350993
0.445111862	3.973416963	1491.763224	12.3967214	2.985036066
0.438560484	3.913022183	1489.1051	12.57905297	2.986737828
0.436197357	3.890622933	1487.837637	12.75566724	2.988386228
0.435921958	3.887103698	1487.563505	12.93092789	2.990021994

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.430942296	3.840746098	1486.693374	13.10817915	2.991676339
0.421640612	3.755220745	1484.432582	13.29071173	2.993379976
0.413841048	3.683410349	1482.05259	13.47020652	2.995055261
0.417405595	3.714805269	1481.778458	13.64783773	2.996713152
0.431239813	3.839329039	1484.643248	13.83612858	2.998470533
0.429848025	3.825169469	1486.196843	14.00091964	2.999938024
0.422278464	3.75547658	1484.452582	14.1404411	2.990535491
0.420158428	3.735501913	1483.145386	14.26019728	2.982464966
0.414280639	3.681175269	1482.116323	14.3918951	2.973589678
0.404802099	3.594248362	1480.014464	14.51807219	2.96508644
0.397926677	3.531148195	1478.071537	14.66367936	2.955273783
0.393664437	3.491675293	1476.923274	14.77752706	2.947601438
0.3912402	3.468813514	1476.25181	14.90495938	2.939013607
0.393045124	3.484333787	1476.295543	15.03514017	2.930240554
0.409146335	3.629702873	1478.723268	15.16159691	2.921718469
0.48183168	4.29202886	1495.176813	15.29278495	2.912877536
0.496546741	4.424769421	1511.829024	15.41957125	2.904333242
0.471401299	4.192933914	1506.747174	15.54918387	2.895598478
0.434105504	3.851513218	1492.447222	15.67995088	2.886785919
0.410137318	3.632967985	1482.637122	15.80984628	2.878032099
0.395804788	3.502190346	1478.191003	15.94148211	2.869160988
0.388483861	3.435060574	1476.009677	16.0723726	2.860340108
0.382580812	3.380643318	1474.742215	16.19968905	2.851760086
0.379253639	3.349645717	1473.872084	16.33962696	2.842329487
0.375699177	3.316474624	1473.240353	16.45270204	2.83470921
0.377537842	3.332304452	1473.164887	16.58399283	2.825861353
0.38630489	3.410909974	1474.440349	16.71243799	2.817205266
0.393150703	3.471867189	1476.113144	16.84251274	2.808439359
0.387527397	3.419454481	1475.958211	16.96892048	2.799920576
0.405714509	3.584415539	1477.670738	17.09772256	2.791240436
0.451828721	4.004527235	1487.647772	17.2281687	2.782449501
0.45545812	4.035544597	1494.684548	17.35536692	2.773877447
0.425831062	3.763063645	1488.887501	17.48662095	2.765032066
0.402120736	3.546499583	1480.666728	17.61538293	2.756354629
0.389501104	3.431334338	1476.657675	17.74842505	2.747388747
0.380213507	3.346232752	1474.555816	17.88302926	2.738317594
0.372484984	3.275349084	1472.930754	18.00975208	2.729798777
0.366937259	3.224245363	1471.742758	18.1377492	2.721451139
0.366784098	3.22210596	1471.349426	18.2702165	2.712811967
0.386904057	3.404147807	1473.737418	18.40089828	2.704289242
0.415225737	3.660747764	1479.462999	18.5347968	2.69555673
0.396478091	3.487370306	1479.705398	18.66791994	2.686874786
0.37709188	3.310714217	1474.663282	18.80084914	2.678205491
0.41584929	3.664298705	1478.24327	18.93466159	2.669478592
0.457601462	4.045521004	1490.365896	19.06795763	2.660785372
0.430925625	3.798197614	1490.965894	19.20108965	2.652102849
0.391851109	3.441312384	1480.003531	19.33715304	2.64322915
0.372201182	3.263389726	1473.531019	19.47313646	2.634360666
0.359776831	3.15071038	1470.912628	19.61457719	2.62513627
0.352243735	3.082411878	1469.3273	19.74088725	2.616898657

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.346597325	3.031020388	1468.33797	19.87032996	2.608456742
0.340941244	2.979535057	1467.46784	20.00863957	2.59943655
0.335102033	2.926443268	1466.597709	20.13694341	2.591068908
0.329020407	2.871228281	1465.727579	20.27550342	2.582032386
0.322729571	2.814187456	1464.857448	20.40358433	2.573679283
0.316167885	2.754785031	1463.987318	20.5423548	2.564629035
0.309370671	2.693336527	1463.117188	20.67033404	2.556282563
0.302276227	2.629310204	1462.247057	20.80892084	2.547244293
0.300888131	2.616778961	1461.813992	20.94630909	2.53828419
0.300877329	2.616158316	1461.817992	21.06687953	2.5304209
0.393381224	3.453897738	1470.881162	21.20182036	2.521620412
0.401338658	3.521048381	1479.149667	21.3359891	2.512870276
0.369681097	3.231686821	1474.663816	21.47024081	2.50411473
0.362269081	3.165564382	1470.813695	21.62022159	2.494333374
0.360400724	3.148159954	1470.49983	21.74889906	2.485941365
0.358559368	3.130947987	1470.185964	21.88170679	2.477279992
0.356683209	3.113428942	1469.872098	22.01453844	2.468585453
0.35478207	3.095703054	1469.558233	22.14361858	2.459886574
0.352856503	3.077762569	1469.244367	22.27273301	2.451185384
0.350906188	3.059601913	1468.930502	22.40185467	2.442483707
0.34893072	3.041217755	1468.616636	22.53097898	2.433781851
0.346929624	3.02260616	1468.30277	22.66010514	2.425079871
0.3449024	3.003763006	1467.988905	22.78923302	2.416377775
0.342848536	2.984684055	1467.675039	22.91836266	2.40767556
0.340767502	2.965364964	1467.361174	23.0474941	2.398973224
0.338658757	2.945801281	1467.047308	23.1766274	2.390270762
0.336521746	2.925988446	1466.733442	23.30576261	2.381568172
0.334355895	2.905921785	1466.419577	23.43489979	2.372865449
0.332160619	2.885596507	1466.105711	23.56403901	2.364162589
0.329935314	2.865007702	1465.791846	23.69318032	2.355459587
0.327679361	2.844150335	1465.47798	23.82232381	2.346756439
0.325392123	2.823019244	1465.164114	23.95146953	2.33805314
0.323072947	2.801609134	1464.850249	24.08061757	2.329349686
0.320721158	2.779914574	1464.536383	24.209768	2.32064607
0.318336067	2.757929993	1464.222518	24.3389209	2.311942287
0.315916961	2.735649675	1463.908652	24.46807635	2.303238333
0.313463108	2.713067752	1463.594786	24.59723446	2.294534199
0.310973756	2.690178203	1463.280921	24.72639531	2.285829881
0.30844813	2.666974847	1462.967055	24.85555899	2.277125372
0.305888638	2.643480164	1462.65319	24.98472562	2.268420664
0.303830424	2.624515574	1462.379057	25.11023492	2.25996243
0.303450925	2.620643043	1462.263858	25.22965647	2.251914455
0.312209126	2.69898454	1462.943322	25.3708122	2.242401787
0.3091171	2.669583141	1463.225454	25.49084236	2.234312797
0.304857247	2.631006128	1462.593723	25.61541781	2.225917495
0.305141931	2.633273878	1462.43879	25.74518608	2.217172243
0.300606908	2.591663378	1462.164658	25.88084782	2.208029821
0.296212313	2.551956455	1461.57266	26.00025809	2.200015182
0.293160674	2.524499265	1461.179328	26.07739266	2.204552509
0.290952466	2.504559779	1460.905196	26.14096341	2.208291965

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.289419974	2.490640903	1460.71053	26.20415372	2.212009043
0.288569896	2.482805601	1460.59533	26.27667897	2.216275233
0.287847541	2.476053614	1460.519864	26.34468557	2.220275622
0.287131454	2.469354104	1460.444397	26.41127635	2.224192727
0.286534147	2.463720729	1460.376877	26.47546145	2.22796832
0.286412116	2.462341149	1460.349091	26.53419218	2.231423069
0.290877304	2.502108393	1460.66301	26.60856971	2.235798218
0.294173953	2.530917848	1461.135862	26.67568642	2.23974626
0.297995906	2.564695529	1461.537194	26.73427533	2.243192667
0.300387754	2.585509514	1461.898792	26.80334303	2.247255472
0.299175259	2.57405506	1461.902792	26.87309778	2.251358693
0.297698684	2.560595058	1461.708126	26.93738156	2.255140092
0.293579905	2.523309233	1461.354528	27.00146037	2.258909434
0.292078651	2.50991648	1461.040662	27.07208629	2.263063899
0.295250035	2.538173734	1461.243328	27.13399347	2.266705498
0.296055035	2.544687617	1461.485727	27.20307728	2.270769252
0.293301065	2.519541745	1461.291061	27.27681988	2.275107052
0.291502003	2.50334519	1461.016929	27.33812953	2.278713502
0.288959416	2.480278069	1460.78253	27.40915956	2.282891739
0.286502699	2.458139117	1460.496477	27.47525622	2.286779777
0.285000142	2.44453019	1460.297838	27.53731407	2.29043024
0.283812339	2.433646908	1460.166745	27.60377446	2.294339674
0.28334046	2.429187217	1460.091279	27.67177912	2.298339948
0.283666434	2.431793983	1460.107199	27.74348685	2.30255805
0.283082501	2.42614592	1460.091332	27.80317573	2.306069161
0.282336104	2.41918519	1460.007919	27.87380651	2.310223912
0.282066386	2.416485948	1459.964239	27.94103225	2.314178368
0.285868358	2.450259979	1460.222532	27.99903691	2.317764141
0.290331514	2.489953871	1460.735117	27.9664322	2.321727851
0.297292881	2.552287448	1461.422528	27.93301652	2.325790148
0.302493876	2.598559439	1462.141725	27.90216648	2.329540546
0.29747095	2.553041611	1461.986792	27.86830671	2.333656832
0.291611927	2.501197143	1461.235862	27.83740086	2.337414014
0.288257619	2.471776067	1460.763063	27.80236059	2.341673811
0.286770152	2.458884085	1460.544557	27.77204981	2.34535865
0.290283322	2.490747149	1460.747223	27.74116309	2.349113506
0.294553411	2.528855334	1461.251862	27.70782618	2.353166229
0.305577004	2.627871555	1462.249192	27.6763974	2.356986983
0.320420551	2.760883116	1464.001452	27.64414562	2.360907788
0.315346615	2.71384992	1464.363051	27.61239218	2.36476801
0.305852114	2.629163147	1463.135322	27.58052773	2.368641727
0.301933609	2.59489329	1462.384391	27.54772969	2.37262894
0.295979052	2.541714884	1461.832126	27.51240128	2.376923766
0.291341673	2.500808827	1461.200395	27.48337952	2.380451901
0.288820094	2.478734572	1460.846796	27.4503132	2.384471729
0.286690188	2.459978724	1460.612397	27.41612766	2.388627618
0.285045377	2.445593244	1460.413758	27.38498277	2.392413859
0.283754967	2.434331519	1460.266772	27.35292805	2.396310708
0.282978601	2.427657163	1460.167465	27.31812137	2.400542108
0.282313624	2.421925057	1460.099946	27.28521735	2.404542204

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.281881505	2.418281578	1460.048319	27.25318379	2.408436481
0.281338577	2.413615621	1460.000666	27.22047785	2.412412497
0.280925146	2.410132651	1459.953013	27.18848776	2.416301488
0.280848881	2.409654102	1459.937146	27.15744873	2.42007486
0.2811929	2.412908276	1459.964986	27.12561749	2.42394454
0.281233748	2.413397897	1459.988853	27.09313403	2.42789351
0.281399388	2.415058041	1460.000799	27.06027686	2.431887911
0.28302185	2.429764481	1460.123999	27.02899696	2.435690566
0.283421024	2.433318319	1460.235279	27.00002875	2.439215746
0.283158741	2.418691677	1460.171732	28.9020613	2.443184444
0.281916342	2.407476459	1460.056533	28.80121974	2.447270834
0.280949337	2.400714784	1459.97312	28.70935898	2.450993296
0.280332842	2.397054306	1459.925864	28.60332983	2.455289902
0.280224987	2.396856383	1459.913573	28.50369179	2.459327522
0.28026836	2.397776143	1459.91956	28.40556256	2.463304001
0.281125466	2.405991072	1459.983557	28.31685606	2.466898643
0.286404632	2.453792306	1460.390452	28.22042059	2.470806486
0.283500829	2.427594809	1460.454051	28.12630131	2.47462047
0.281996235	2.415127455	1460.140186	28.02486341	2.478731025
0.283436321	2.428646608	1460.219679	27.92539721	2.482761681
0.283268028	2.427448882	1460.291225	27.83618307	2.486376895
0.28230254	2.419370795	1460.199866	27.73269948	2.490570348
0.281458075	2.412407367	1460.104533	27.63988825	2.494331326
0.290418112	2.493459206	1460.692611	27.53762857	2.498475182
0.295364625	2.537356715	1461.523061	27.45127788	2.50197436
0.293259673	2.518596617	1461.527061	27.35197045	2.505998583
0.28809222	2.472956961	1461.01453	27.25194231	2.510052011
0.284902958	2.445359492	1460.557624	27.14996806	2.514184301
0.283095754	2.429903624	1460.331172	27.05809592	2.517907224
0.28235977	2.423955542	1460.215972	26.95204447	2.522204734
0.288368814	2.478457625	1460.609358	26.86345485	2.52579464
0.289792021	2.491037448	1461.03453	26.76302623	2.529864296
0.285687472	2.454643557	1460.752451	26.67498765	2.533431873
0.283038151	2.431828347	1460.359119	26.56578276	2.537857169
0.281571227	2.419356684	1460.180346	26.47767073	2.541427722
0.28077743	2.412846821	1460.077066	26.37199699	2.545709926
0.280354269	2.409597547	1460.026234	26.27477878	2.549649487
0.280309233	2.409711238	1460.013149	26.18086505	2.553455142
0.280318725	2.410273948	1460.019136	26.0843855	2.55736477
0.280510347	2.412468286	1460.036248	25.96845714	2.561248179
0.280413003	2.41270711	1460.043029	25.6893928	2.565352067
0.280089756	2.411125702	1460.017229	25.45609532	2.568782912
0.279977939	2.411447693	1459.998979	25.18939899	2.572704917
0.279970272	2.41264666	1460.000197	24.92296414	2.576623076
0.279973993	2.413929469	1460.004197	24.66073532	2.580479383
0.280007089	2.415459198	1460.010184	24.37903073	2.584622097
0.280024423	2.416822851	1460.016568	24.0969693	2.588770059
0.280029728	2.418069601	1460.020965	23.82771079	2.592729743
0.28003333	2.419295626	1460.024965	23.56079107	2.596655033
0.280031138	2.420457284	1460.028568	23.29434091	2.600573418

R detr part (mg/L dry)	L detr part (mg/L dry)	Water Vol (cu.m)	Temp (deg. C)	Wind (m/s)
0.28003883	2.421695349	1460.032568	23.02833232	2.604485309
0.280026414	2.422738646	1460.035773	22.76209801	2.60840052
0.28001935	2.423819408	1460.038184	22.49613986	2.612311669
0.280021227	2.424966509	1460.041787	22.23014858	2.616223305
0.280036201	2.42621781	1460.046581	21.96419116	2.620134444
0.280036978	2.427327809	1460.050979	21.69790217	2.624050458
0.28005026	2.428539264	1460.055376	21.43191275	2.627962067
0.280039244	2.42951855	1460.058979	21.16544914	2.63188065
0.280026178	2.430469892	1460.060992	20.89928728	2.635794795
0.280043578	2.431682326	1460.065389	20.63339819	2.639704929
0.280057357	2.432847544	1460.070979	20.36707913	2.643621385
0.28006793	2.433973077	1460.075773	20.10083824	2.647536693
0.280072668	2.435034563	1460.080171	19.83452756	2.651453026
0.280081497	2.436121721	1460.084568	19.56833043	2.65536769
0.280076488	2.437072674	1460.088171	19.30188075	2.659286067
0.280642018	2.443139826	1460.130314	19.03321043	2.663237101
0.280278778	2.441140274	1460.137493	18.75645828	2.667306986
0.280091772	2.441298836	1460.102157	18.49943302	2.671086769
0.280076594	2.443092753	1460.102184	18.23645215	2.674954135

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-25976	7.9	0.5	13387.82455	13361.35824	18.44932923
-25976.31847	7.9	0.499978998	13390.95772	13364.66807	18.45101509
-26019.86665	7.9	0.499933985	13831.34543	13829.13636	18.6864461
-26063.67579	7.9	0.499884745	31394.48985	31307.05333	25.94561457
-26107.53065	7.9	0.499812716	95940.60309	95619.61181	40.56517548
-26151.35459	7.9	0.49968814	138072.2339	137862.5617	46.91542233
-26195.1933	7.9	0.499535484	75149.99299	75463.01608	36.7622201
-26239.0651	7.9	0.499417747	60135.79388	60210.42648	33.63640855
-26282.88561	7.9	0.499321227	56299.10605	56318.19681	32.76385194
-26326.79164	7.9	0.499231478	46390.71691	46439.92974	30.32041105
-26370.56306	7.9	0.499149924	40986.49548	41013.418	28.8557688
-26414.36547	7.9	0.499071472	56637.06166	56559.13435	32.84738629
-26458.24413	7.9	0.498967806	156924.0132	156425.5541	49.38836628
-26502.03901	7.9	0.498799808	146862.0398	146912.1424	48.079182
-26545.88133	7.9	0.498631965	76264.61329	76615.79014	36.97760714
-26589.86207	7.9	0.498513824	48445.59189	48583.53466	30.84472842
-26633.56597	7.9	0.498427555	38891.92997	38939.60037	28.25529265
-26677.54353	7.9	0.498354039	31196.56367	31234.72195	25.86915581
-26721.25381	7.9	0.498288933	22580.26724	22623.25375	22.73060717
-26765.26132	7.9	0.498232568	14110.89867	14152.8661	18.83197035
-26809.099	7.9	0.498184207	11706.79193	11718.74822	17.47994619
-26853.68835	7.9	0.49813945	10902.53502	10906.46402	16.99041497
-26899.45748	7.9	0.498095857	10465.99057	10468.06382	16.71523464
-26944.29339	7.9	0.498052775	10261.42938	10262.41772	16.58400011
-26989.34025	7.9	0.498009942	10310.67117	10310.42877	16.61598544
-27033.34646	7.9	0.497967122	10349.15429	10348.95976	16.640759
-27076.1529	7.9	0.49792426	10304.01768	10304.24197	16.61157365
-27118.93426	7.9	0.497881432	10139.53331	10140.36868	16.50493481
-27160.91322	7.9	0.497838743	10059.63658	10060.04691	16.45284482
-27204.09228	7.9	0.497796177	9868.101013	9869.064218	16.32670287
-27249.23582	7.9	0.497753815	9494.845988	9496.644463	16.07665578
-27295.41646	7.9	0.497711786	9231.930691	9233.166723	15.89716221
-27338.26158	7.9	0.497670049	9048.245549	9049.176962	15.76996653
-27380.81344	7.9	0.497628525	8910.953333	8911.653331	15.67387607
-27422.84456	7.9	0.497587159	8827.312654	8827.744409	15.61469099
-27468.33033	7.9	0.497545702	10160.62072	10154.23157	16.51974465
-27510.99616	7.9	0.49750329	10480.71333	10479.07016	16.72499564
-27555.31369	7.9	0.497460464	9527.764599	9532.449269	16.09841734
-27599.3222	7.9	0.49741828	9146.956047	9148.839115	15.83838366
-27646.82104	7.9	0.497376619	8881.079903	8882.292432	15.65269335
-27688.35154	7.9	0.497335247	8732.75393	8733.529666	15.54771428
-27730.44783	7.9	0.497294062	8627.946124	8628.485633	15.4728629
-27775.05021	7.9	0.497252993	8630.528106	8630.511261	15.47481072
-27822.46755	7.9	0.497211942	8695.737952	8695.435494	15.52152669
-27864.55864	7.9	0.497170842	8726.411795	8726.248862	15.54337992
-27908.26453	7.9	0.497129699	8749.392278	8749.273475	15.55972254
-27955.35722	7.9	0.497088535	8656.233986	8656.663942	15.49310181
-27993.93047	7.9	0.497047434	8545.401599	8546.025328	15.41345846
-28036.50519	7.9	0.497006451	8467.912421	8468.305372	15.35744387
-28086.52125	7.9	0.496965563	8395.014105	8395.327971	15.30442419

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-28130.35111	7.9	0.496924747	8335.784429	8336.075149	15.261155
-28170.94356	7.9	0.496883994	8306.202719	8306.357652	15.23949487
-28214.23219	7.9	0.496843282	8274.656168	8274.811101	15.21631707
-28257.95166	7.9	0.496802604	8243.156556	8243.309693	15.19312142
-28301.86058	7.9	0.496761959	8218.114989	8218.235363	15.17464925
-28349.86945	7.9	0.49672134	8201.601494	8201.672086	15.16245432
-28392.11681	7.9	0.49668074	8193.674463	8193.711629	15.15659716
-28435.89294	7.9	0.496640149	8197.118122	8197.096978	15.1591548
-28475.79468	7.9	0.496599556	8212.032217	8211.946172	15.17019365
-28521.88671	7.9	0.496558954	8188.077089	8188.186134	15.1524413
-28568.42139	7.9	0.496518363	8180.931257	8180.960362	15.14716532
-28611.06329	7.9	0.496477783	8182.663539	8182.650704	15.14845593
-28638.36527	7.9	0.496437202	8184.372028	8184.359999	15.14972068
-28556.82585	7.9	0.496396619	8176.459539	8176.495273	15.14385157
-28475.34667	7.9	0.496356041	8169.333221	8169.365072	15.13857155
-28394.30644	7.9	0.49631547	8168.442876	8168.443427	15.13791732
-28308.83772	7.9	0.496274901	8175.972223	8175.931681	15.14350317
-28233.36264	7.9	0.496234325	8197.17684	8197.058117	15.15921536
-28151.12452	7.9	0.496193727	8227.643374	8227.487672	15.18173537
-28061.44403	7.9	0.496153101	8212.654718	8212.718163	15.1706264
-27981.84832	7.9	0.496112477	8212.465585	8212.462526	15.17049892
-27899.5093	7.9	0.496071856	8208.589086	8208.604368	15.16762956
-27822.44273	7.9	0.496031239	8189.409987	8189.507975	15.1534297
-27732.02915	7.9	0.495990637	8173.09143	8173.160784	15.14134973
-27650.97797	7.9	0.495950051	8166.112266	8166.143592	15.13618387
-27571.79036	7.9	0.495909475	8164.575412	8164.579359	15.13504943
-27490.04128	7.9	0.495868901	8163.139204	8163.142402	15.13398457
-27405.99739	7.9	0.495828328	8163.139204	8163.135204	15.13398591
-27323.25642	7.9	0.495787754	8163.139204	8163.135204	15.13398591
-27240.58947	7.9	0.49574718	8163.139204	8163.135204	15.13398591
-27158.35058	7.9	0.495706605	8163.139204	8163.135204	15.13398591
-27086.07331	7.9	0.495666028	8163.213	8163.208633	15.13404064
-27002.20635	7.9	0.495625448	8196.477997	8196.311221	15.15868352
-26921.67678	7.9	0.495584816	8404.396821	8403.335653	15.31152624
-26833.04934	7.9	0.495543895	9314.769308	9310.590399	15.95500271
-26755.17265	7.9	0.495502305	9110.13633	9111.205937	15.81286917
-26668.93058	7.9	0.495460724	8553.837119	8556.467583	15.41915212
-26592.00892	7.9	0.495419599	8422.858605	8423.552985	15.32462414
-26506.59944	7.9	0.495378642	8869.621378	8867.478722	15.64526377
-26418.87063	7.9	0.495337403	8917.203698	8916.978694	15.67844467
-26344.45723	7.9	0.495296021	8939.905689	8939.781128	15.69426264
-26262.10529	7.9	0.495254527	9558.002062	9554.924881	16.12021194
-26176.37447	7.9	0.495212561	9784.925968	9783.845984	16.27167787
-26095.38998	7.9	0.49517033	9360.142422	9362.28736	15.98502669
-26015.07447	7.9	0.495128359	9295.270589	9295.597002	15.94091468
-25931.75863	7.9	0.495086567	9072.937025	9074.025441	15.78716916
-25848.8282	7.9	0.495044955	8988.462547	8988.875778	15.72829928
-25768.28414	7.9	0.495003478	8799.959147	8800.91333	15.59542959
-25685.26417	7.9	0.494962188	8544.752209	8546.006785	15.4128695
-25596.59375	7.9	0.494921139	8394.690361	8395.377585	15.30411161

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-25521.10954	7.9	0.494880265	8307.641389	8308.109959	15.24049385
-25437.51567	7.9	0.494839497	8259.397666	8259.629939	15.20507343
-25349.24695	7.9	0.494798791	8230.848789	8230.974146	15.18404283
-25265.50878	7.9	0.494758113	8282.459958	8282.203628	15.22212615
-25183.32854	7.9	0.494717402	8318.619891	8318.435641	15.24866103
-25102.55816	7.9	0.494676665	8284.800679	8284.969367	15.22375954
-25028.54814	7.9	0.494635908	8356.53525	8356.134335	15.27646967
-24945.86756	7.9	0.494595116	8403.980748	8403.7418	15.31107434
-24856.27363	7.9	0.494554276	8347.222997	8347.480248	15.26951672
-24780.93365	7.9	0.494513469	8259.942497	8260.413055	15.2054309
-24692.95727	7.9	0.494472746	8202.874059	8203.134802	15.1633595
-24614.49016	7.9	0.494432088	8181.876423	8181.982072	15.14785099
-24530.96449	7.9	0.49439146	8169.37324	8169.430499	15.1385965
-24441.50336	7.9	0.494350847	8166.333753	8166.343492	15.13635209
-24359.19894	7.9	0.494310238	8166.333753	8166.329753	15.13635463
-24276.7445	7.9	0.494269629	8166.114204	8166.111297	15.13619165
-24194.08489	7.9	0.494229019	8164.736478	8164.739298	15.13516908
-24112.25356	7.9	0.49418841	8164.519078	8164.51616	15.13500893
-24029.59069	7.9	0.4941478	8162.914777	8162.918723	15.13381799
-23947.35266	7.9	0.494107191	8161.541929	8161.544765	15.13280007
-23865.62177	7.9	0.494066582	8161.329781	8161.326837	15.13264379
-23782.93744	7.9	0.494025973	8159.725064	8159.72901	15.13145226
-23707.48166	7.9	0.493985365	8158.434124	8158.437207	15.13049481
-23627.95245	7.9	0.493944757	8159.911701	8159.900082	15.13159359
-23542.70133	7.9	0.493904148	8158.437592	8158.440641	15.13049739
-23463.0487	7.9	0.493863538	8159.905837	8159.894277	15.13158923
-23378.6233	7.9	0.493822927	8158.34738	8158.350928	15.13043038
-23297.85169	7.9	0.493782316	8158.397752	8158.393501	15.13046919
-23214.73621	7.9	0.493741704	8159.878472	8159.867183	15.13156888
-23132.36933	7.9	0.49370109	8158.414845	8158.41812	15.13048047
-23051.26439	7.9	0.493660476	8159.900398	8159.888892	15.13158519
-22968.61588	7.9	0.493619861	8158.34738	8158.351073	15.13043035
-22886.13336	7.9	0.493579246	8158.292849	8158.289121	15.13039127
-22803.02727	7.9	0.49353863	8156.960582	8156.963133	15.1294017
-22709.68408	7.9	0.493498014	8190.557555	8190.389605	15.15422374
-22641.78028	7.9	0.493457372	8330.88151	8330.037589	15.25747025
-22557.76546	7.9	0.493416321	10369.09638	10359.16219	16.65495818
-22476.64784	7.9	0.49337371	11041.51638	11038.11902	17.07743387
-22394.69562	7.9	0.493329903	12867.25207	12858.1261	18.15654565
-22312.48324	7.9	0.493284483	14090.32419	14084.22877	18.82714357
-22230.21751	7.9	0.493237259	17749.01198	17730.79783	20.64849085
-22148.09447	7.9	0.493185915	26128.25052	26086.46847	24.10572046
-22065.37554	7.9	0.493127015	32016.07679	31986.9295	26.14545277
-21983.48875	7.9	0.493062604	30261.98759	30270.75438	25.55959309
-21901.27287	7.9	0.492999002	25154.28201	25179.71573	23.7359908
-21818.5029	7.9	0.492940403	17707.434	17744.26835	20.623602
-21734.91659	7.9	0.492888583	13837.29553	13856.24434	18.6882777
-21653.78569	7.9	0.492841102	13218.07947	13221.2002	18.35115984
-21571.80138	7.9	0.49279509	11946.32217	11952.66977	17.62298889
-21488.32375	7.9	0.492750252	10952.37022	10957.2408	17.02131085

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-21404.50755	7.9	0.492706445	10525.32811	10527.41066	16.75295214
-21322.00794	7.9	0.492663229	9998.203997	10000.81617	16.41205461
-21240.95802	7.9	0.492620548	9514.77779	9517.216448	16.09004896
-21158.75357	7.9	0.492578379	9197.513982	9199.09027	15.87341492
-21075.81686	7.9	0.49253658	8983.819967	8984.869911	15.72466698
-20995.56494	7.9	0.492494931	9650.368747	9646.965494	16.18157371
-20913.13097	7.9	0.492452453	12556.23468	12541.79691	17.97906268
-20831.34348	7.9	0.492407128	16845.53913	16824.06197	20.22075263
-20749.0851	7.9	0.492354237	41298.50558	41176.78225	28.9541308
-20666.15994	7.9	0.492281295	55341.81317	55272.47247	32.54514576
-20584.38	7.9	0.492194313	54537.88182	54541.90262	32.35079929
-20502.08616	7.9	0.4921063	47671.99369	47706.15123	30.65373216
-20419.85625	7.9	0.492023926	41927.36527	41955.96616	29.11918885
-20337.32078	7.9	0.491947488	36967.46209	36992.06399	27.68903294
-20255.2492	7.9	0.491876041	33630.43147	33647.07609	26.66125411
-20172.98688	7.9	0.4918069	39871.71334	39840.64369	28.54258912
-20090.71203	7.9	0.491726548	87621.40923	87383.7696	39.11717152
-20007.65594	7.9	0.491584139	286009.4118	285031.4603	62.79310242
-19926.09936	7.9	0.491320798	287572.0289	287564.1788	62.90836935
-19843.7766	7.9	0.491043479	174157.2724	174721.3705	51.45686382
-19761.47586	7.9	0.490835513	110431.6359	110748.6751	42.88615022
-19679.12415	7.9	0.490689513	59323.30033	59577.40939	33.44340387
-19596.66169	7.9	0.490589266	42222.07946	42306.98916	29.1964693
-19514.4517	7.9	0.490511034	32807.51543	32854.4018	26.39530913
-19432.16593	7.9	0.490443961	22849.08848	22898.63795	22.83792493
-19349.93769	7.9	0.490386542	16781.36039	16811.57079	20.18617922
-19267.65348	7.9	0.490334089	25324.06314	25281.54955	23.80644842
-19185.28721	7.9	0.490275899	32355.80903	32320.84903	26.2564595
-19102.35808	7.9	0.490210207	38088.9576	38060.64887	28.0260616
-19017.56597	7.9	0.490139321	37126.72645	37131.36534	27.7382792
-18937.88099	7.9	0.490068012	36852.49329	36853.90415	27.65606848
-18855.7117	7.9	0.48999646	41162.05861	41140.5797	28.90864436
-18773.89851	7.9	0.489921268	46096.26042	46071.56219	30.24664046
-18691.59766	7.9	0.489802662	301975.1374	300702.1048	64.17749864
-18609.28988	7.9	0.489517026	461653.6005	460859.2436	76.03377819
-18527.00386	7.9	0.489157707	150859.5251	152405.8696	48.55124569
-18589.10812	7.9	0.488946876	58693.55808	59151.87509	33.2896632
-18651.19882	7.9	0.488840211	41924.33822	42007.74206	29.11446814
-18713.37108	7.9	0.488762228	33286.29353	33329.19765	26.54922906
-18775.52119	7.9	0.488694572	24974.28592	25015.5852	23.6656067
-18837.55351	7.9	0.48863541	17771.09737	17806.95482	20.65396352
-18899.69385	7.9	0.488583392	14565.85472	14581.78039	19.07639973
-18963.03334	7.9	0.488535307	13549.94069	13554.88901	18.53392436
-19026.1906	7.9	0.488488705	12988.4803	12991.22114	18.22312095
-19090.54362	7.9	0.48844277	12601.08851	12602.94184	18.00386302
-19150.16957	7.9	0.488397264	12355.60737	12356.87484	17.86285054
-19212.79491	7.9	0.488352059	12095.48507	12096.76394	17.71143029
-19273.93887	7.9	0.488307134	11800.22709	11801.71468	17.53721618
-19336.04232	7.9	0.488262504	11609.5302	11610.4745	17.42338084
-19396.92612	7.9	0.4882181	11464.59066	11465.323	17.33599019

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-19459.22968	7.9	0.488173761	12151.27587	12147.86781	17.74432892
-19522.02211	7.9	0.488128795	13578.96531	13571.94011	18.5511449
-19584.06314	7.9	0.488082527	14592.87989	14587.82862	19.09310626
-19645.59327	7.9	0.488035302	13728.00529	13732.34182	18.63069815
-19707.84891	7.9	0.487988631	12382.85858	12389.52719	17.87772433
-19770.54687	7.9	0.487943189	11748.07069	11751.19294	17.50589277
-19835.04685	7.9	0.487898544	11428.79349	11430.31584	17.3142722
-19900.16557	7.9	0.487854289	11285.72548	11286.3982	17.2273846
-19958.32685	7.9	0.48781022	11207.18979	11207.60157	17.17936259
-20024.1922	7.9	0.48776626	11056.55941	11057.26114	17.08657176
-20085.73182	7.9	0.487722435	10928.11517	10928.75568	17.00689741
-20148.46653	7.9	0.487678752	10788.635	10789.31733	16.91974596
-20207.76047	7.9	0.487635211	10701.96615	10702.4147	16.86529723
-20265.29612	7.9	0.487591776	10690.32162	10690.38717	16.8566055
-20327.5119	7.9	0.487547549	16359.66532	16331.51943	19.98769555
-20389.73336	7.9	0.487498458	22412.07223	22382.02781	22.66989644
-20451.99717	7.9	0.48744329	26470.42033	26450.28693	24.22930262
-20514.67131	7.9	0.4873836	29478.92271	29464.09677	25.29512376
-20575.53787	7.9	0.487320932	29787.62927	29786.05847	25.39954739
-20637.64761	7.9	0.487258031	25630.28085	25650.94861	23.9151183
-20699.95227	7.9	0.487198737	20119.03295	20146.34696	21.70584118
-20762.70812	7.9	0.487144818	15358.69805	15382.11583	19.48433628
-20823.81075	7.9	0.487095329	15740.39982	15738.46693	19.67958567
-20886.2524	7.9	0.487045425	23711.1617	23671.73592	23.1877281
-20948.14501	7.9	0.486989401	26895.85084	26879.95545	24.38373087
-21010.24971	7.9	0.486930348	21000.69409	21030.0052	22.08140581
-21073.74688	7.9	0.486875518	15508.81371	15535.5062	19.55979865
-21134.7281	7.9	0.486825835	14814.7541	14818.26615	19.20778106
-21197.6406	7.9	0.486777785	15376.76851	15374.00702	19.49681599
-21258.95626	7.9	0.48672954	15037.84508	15039.54768	19.32310717
-21320.95244	7.9	0.486681545	13984.83378	13990.07531	18.76956243
-21383.82758	7.9	0.486634511	12912.20846	12917.47227	18.17987024
-21453.71315	7.9	0.486588533	12337.19794	12339.70473	17.85198967
-21508.04631	7.9	0.48654321	12168.31348	12169.26863	17.75410179
-21573.16391	7.9	0.486498191	11913.5136	11914.71883	17.60434683
-21632.22755	7.9	0.486453422	11642.23288	11643.64793	17.44292558
-21693.04306	7.9	0.486408933	11464.88547	11465.78314	17.3358587
-21754.91322	7.9	0.486364246	14241.67274	14227.80825	18.90804646
-21816.9956	7.9	0.486312134	48515.68124	48345.18005	30.87982519
-21879.32358	7.9	0.48621877	156099.6537	155566.5888	49.28556175
-21941.16327	7.9	0.4860523	147806.1056	147847.5197	48.20282825
-22003.21505	7.9	0.485879245	108364.1536	108560.4516	42.56782141
-22065.36222	7.9	0.485739634	52289.39288	52568.0435	31.79340615
-22127.48422	7.9	0.485645381	35204.95511	35289.88394	27.14818064
-22189.64406	7.9	0.485574045	27053.52714	27094.02212	24.43559731
-22251.92804	7.9	0.4855126	20564.43619	20596.60734	21.89712587
-22316.36407	7.9	0.485457531	18984.56068	18992.11148	21.21054681
-22376.09812	7.9	0.485404879	19454.47022	19452.03546	21.42019647
-22438.1231	7.9	0.485352291	19031.21614	19033.31954	21.23192749
-22500.32695	7.9	0.485300124	17317.09308	17325.5994	20.44436316

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-22562.04648	7.9	0.485249507	15445.52906	15454.89002	19.53010667
-22630.57577	7.9	0.485200709	14418.15718	14422.74394	19.00025041
-22688.59524	7.9	0.485153064	14230.97317	14231.97312	18.90167436
-22752.06367	7.9	0.485105769	14494.35205	14493.0716	19.04105353
-22811.93519	7.9	0.485058375	14063.90298	14066.11668	18.81218538
-22872.83355	7.9	0.485011134	13141.17606	13145.85162	18.30825876
-22939.93014	7.9	0.484965163	12414.82162	12418.12919	17.89674402
-22996.59416	7.9	0.484919696	12589.78674	12588.82915	17.99786703
-23062.68595	7.9	0.484874252	12781.94372	12781.04542	18.10723888
-23130.93119	7.9	0.484828623	12799.50416	12799.42069	18.11706962
-23184.24923	7.9	0.484782934	12833.7025	12833.51715	18.13622264
-23244.86044	7.9	0.484737118	13640.46537	13636.35393	18.58190875
-23306.91968	7.9	0.484689012	24866.71609	24810.84592	23.63389548
-23369.14823	7.9	0.484631098	36193.21204	36136.99688	27.46171941
-23431.11148	7.9	0.484562688	38721.6983	38709.09187	28.21003192
-23493.10346	7.9	0.484491053	33799.92947	33824.44483	26.71406129
-23555.16725	7.9	0.484420929	42747.79966	42703.27086	29.35052073
-23617.24496	7.9	0.484343806	54858.54046	54798.28666	32.43056898
-23679.2952	7.9	0.484257782	47991.01151	48025.18795	30.73557803
-23741.72046	7.9	0.48417541	39365.74594	39408.41158	28.39294006
-23803.90362	7.9	0.484100401	37902.57013	37909.83315	27.96816341
-23865.76027	7.9	0.484028669	33759.47402	33780.15512	26.70149891
-23927.60416	7.9	0.483960826	28665.96161	28691.39314	25.01008415
-23990.63137	7.9	0.483898231	22549.59595	22579.55598	22.71983651
-24051.80203	7.9	0.483841089	21242.15598	21248.75506	22.18418902
-24113.84084	7.9	0.483784065	34753.90479	34686.63891	27.02049348
-24176.33333	7.9	0.483716858	41903.65439	41868.32	29.11689128
-24237.98414	7.9	0.483642573	38568.40151	38585.10484	28.16321719
-24300.269	7.9	0.483570119	32316.45805	32347.45347	26.23777475
-24362.31788	7.9	0.483503567	25777.48764	25810.02954	23.96861393
-24424.19627	7.9	0.483443489	20908.16392	20932.46268	22.04308193
-24486.40529	7.9	0.483386381	32380.22557	32323.26965	26.26546692
-24548.31662	7.9	0.483320837	42251.00567	42201.76341	29.21433162
-24610.79611	7.9	0.483246152	42853.90209	42850.91932	29.37678671
-24672.46981	7.9	0.483169859	37943.81577	37968.39932	27.97931989
-24734.62867	7.9	0.483095565	46104.5639	46064.01391	30.25114181
-24797.2131	7.9	0.483015166	55954.3006	55905.69728	32.68735612
-24858.6895	7.9	0.482927036	52786.89806	52802.80555	31.93057571
-24920.82406	7.9	0.482840553	43836.63654	43881.11851	29.64141863
-24982.99479	7.9	0.482761761	36799.29341	36834.24714	27.63753565
-25045.2019	7.9	0.482690443	30242.41846	30274.96639	25.55057209
-25107.03508	7.9	0.482625799	24834.6573	24861.66283	23.61480779
-25169.22125	7.9	0.482566835	20726.19849	20746.59801	21.96707329
-25232.01051	7.9	0.482512248	17833.71923	17847.94108	20.68542598
-25294.58885	7.9	0.482460786	16030.17074	16039.0668	19.82238595
-25355.90774	7.9	0.482411355	14946.04536	14951.50181	19.27542537
-25418.66829	7.9	0.482363175	14273.65715	14276.9615	18.92402891
-25482.05039	7.9	0.48231577	13878.20581	13880.1274	18.71274945
-25543.44505	7.9	0.482268811	13771.17046	13771.70508	18.65507841
-25604.36915	7.9	0.48222202	13766.53332	13766.55239	18.65261601

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-25665.98524	7.9	0.482175304	13416.52577	13418.27603	18.4612138
-25729.43721	7.9	0.482128908	12849.54871	12852.3038	18.14491237
-25791.83319	7.9	0.482083037	12470.93807	12472.80744	17.92927303
-25853.58135	7.9	0.482037535	12772.97173	12771.45755	18.10198122
-25919.03502	7.9	0.481991803	13591.71984	13587.87603	18.55800257
-25976.15621	7.9	0.481945435	13368.5504	13369.74633	18.43485873
-25999.85599	7.9	0.481899097	12902.99301	12905.11788	18.17520661
-26020.19835	7.9	0.481853143	12838.94291	12839.28042	18.13929248
-26042.56917	7.9	0.481807392	12474.9374	12476.70825	17.93149949
-26064.0022	7.9	0.481761968	11993.86588	11996.30978	17.65162949
-26088.73573	7.9	0.481717008	11685.47056	11686.81713	17.46877485
-26108.07444	7.9	0.481672384	11532.51006	11533.36993	17.37707323
-26129.7207	7.9	0.481627964	11440.65167	11441.11059	17.32163649
-26151.83383	7.9	0.481583639	11570.22441	11569.58072	17.39976747
-26173.31437	7.9	0.481539137	12427.14985	12422.79689	17.90411252
-26195.5986	7.9	0.481493137	18181.65977	18153.50433	20.85108951
-26217.13512	7.9	0.481442768	19101.05811	19096.39838	21.26383793
-26239.15174	7.9	0.481390958	16102.10089	16116.95024	19.85697428
-26261.36444	7.9	0.481341437	13332.68939	13346.27873	18.4130235
-26283.42909	7.9	0.481294657	12157.9274	12163.72865	17.74721168
-26305.78938	7.9	0.481249393	11554.3087	11557.24685	17.38984393
-26328.02306	7.9	0.481204858	11280.80663	11282.14389	17.22423652
-26349.64964	7.9	0.481160683	11050.48256	11051.6403	17.08276352
-26373.42016	7.9	0.481116754	10925.00307	10925.57633	17.00496455
-26392.62763	7.9	0.481072978	10801.18339	10801.88386	16.9276276
-26414.92931	7.9	0.481029313	10922.40896	10921.81158	17.00350449
-26436.74761	7.9	0.480985551	11317.17689	11315.19983	17.2469631
-26458.84273	7.9	0.480941447	11573.01791	11571.75198	17.40173489
-26480.31495	7.9	0.480897103	11256.81353	11258.41663	17.20943853
-26502.19388	7.9	0.480852786	12291.68551	12286.52382	17.82597339
-26524.35208	7.9	0.480807389	15253.71168	15239.13406	19.43578577
-26545.95858	7.9	0.480759694	15088.01583	15088.84749	19.34889179
-26568.25401	7.9	0.480711766	12900.44531	12911.13866	18.17220274
-26590.12613	7.9	0.480665555	11781.34112	11786.91662	17.5253268
-26612.7253	7.9	0.48062068	11292.89081	11295.24283	17.2314077
-26635.58981	7.9	0.480576448	10917.11891	10918.9055	16.99978534
-26657.06211	7.9	0.480532622	10642.46584	10643.85736	16.82753481
-26678.10295	7.9	0.480489108	10465.86996	10466.78271	16.71539924
-26699.87862	7.9	0.480445791	10521.42221	10521.1408	16.75063638
-26721.36078	7.9	0.480402366	11432.43125	11427.80321	17.3172415
-26743.37172	7.9	0.480358086	12782.80754	12776.11422	18.10830024
-26765.2552	7.9	0.480312822	11511.95678	11518.28544	17.3637729
-26787.1068	7.9	0.48026824	10782.23022	10785.86803	16.91480052
-26809.10359	7.9	0.480224159	12983.29235	12972.37691	18.2213715
-26831.01549	7.9	0.48017831	15616.3201	15603.21273	19.61846352
-26852.90043	7.9	0.480130445	13180.09575	13192.23063	18.32853404
-26875.26725	7.9	0.480083991	11213.20042	11222.78184	17.18147239
-26897.62092	7.9	0.480039542	10572.44255	10575.56322	16.78278242
-26920.87168	7.9	0.479996038	10152.85456	10154.81243	16.51333675
-26941.6352	7.9	0.479953	9943.729885	9944.824908	16.37662831

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-26962.91367	7.9	0.47991024	9773.156552	9774.026682	16.26372585
-26985.64973	7.9	0.479867678	9590.898849	9591.76898	16.14169506
-27006.74098	7.9	0.479825305	9421.82626	9422.69639	16.02728528
-27029.51821	7.9	0.479783118	9239.238593	9240.108723	15.90228856
-27050.57282	7.9	0.479741119	9070.459764	9071.329895	15.78546797
-27073.38463	7.9	0.479699307	8887.594765	8888.464896	15.65736129
-27094.42253	7.9	0.479657683	8718.949919	8719.820049	15.53785953
-27117.20416	7.9	0.479616247	8548.082392	8548.894038	15.41536385
-27139.78876	7.9	0.479574975	8548.082392	8548.078392	15.41551092
-27159.60876	7.9	0.479533745	8553.89635	8553.863425	15.41926893
-27181.79104	7.9	0.479491979	12185.50716	12167.65388	17.76687956
-27203.8464	7.9	0.479447701	11840.82579	11842.52667	17.56061883
-27225.9154	7.9	0.479403049	10383.23556	10390.43235	16.66147296
-27250.57003	7.9	0.479359513	10311.36741	10311.68128	16.61633915
-27271.72271	7.9	0.47931637	10249.70743	10250.0213	16.57652418
-27293.55434	7.9	0.479273296	10186.06831	10186.38217	16.53527845
-27315.46957	7.9	0.479230289	10122.1855	10122.49937	16.49371876
-27337.39574	7.9	0.479187349	10058.27081	10058.58467	16.4519805
-27359.32773	7.9	0.479144477	9994.339134	9994.652999	16.41007163
-27381.26094	7.9	0.479101673	9930.403881	9930.717747	16.36799924
-27403.19461	7.9	0.479058936	9866.467314	9866.781179	16.32576313
-27425.1286	7.9	0.479016266	9802.529836	9802.843701	16.28336186
-27447.06287	7.9	0.478973665	9738.5915	9738.905366	16.24079376
-27468.99745	7.9	0.478931131	9674.652296	9674.966161	16.19805705
-27490.93233	7.9	0.478888664	9610.7122	9611.026065	16.15514994
-27512.86752	7.9	0.478846265	9546.771184	9547.08505	16.11207057
-27534.80304	7.9	0.478803934	9482.829222	9483.143087	16.0688171
-27556.7389	7.9	0.47876167	9418.886282	9419.200148	16.0253876
-27578.6751	7.9	0.478719474	9354.942336	9355.256201	15.98178015
-27600.61166	7.9	0.478677346	9290.997349	9291.311214	15.93799277
-27622.54859	7.9	0.478635285	9227.051289	9227.365154	15.89402345
-27644.48589	7.9	0.478593292	9163.10412	9163.417986	15.84987014
-27666.42359	7.9	0.478551367	9099.155806	9099.469671	15.80553076
-27688.3617	7.9	0.478509509	9035.206308	9035.520173	15.76100318
-27710.30022	7.9	0.478467719	8971.255585	8971.569451	15.71628524
-27732.23918	7.9	0.478425996	8907.303597	8907.617462	15.67137473
-27754.17859	7.9	0.478384341	8843.350297	8843.664163	15.6262694
-27776.11847	7.9	0.478342754	8779.39564	8779.709506	15.58096696
-27798.05883	7.9	0.478301235	8715.439577	8715.753442	15.53546507
-27819.99968	7.9	0.478259783	8653.584446	8653.887852	15.49127387
-27841.31929	7.9	0.478218397	8611.973378	8612.182907	15.46145774
-27861.6048	7.9	0.478177059	8620.075399	8620.03109	15.46726743
-27885.58218	7.9	0.478135695	8863.736682	8862.647366	15.64086036
-27905.97108	7.9	0.478094164	8718.604718	8719.378208	15.53763957
-27927.13206	7.9	0.47805269	8628.568678	8629.029088	15.47332317
-27949.17511	7.9	0.478011316	8656.270132	8656.12922	15.49327014
-27972.21926	7.9	0.477969962	8508.798644	8509.491587	15.38699157
-27992.54387	7.9	0.477928711	8420.053077	8420.52526	15.32265093
-28017.90344	7.9	0.477887569	8348.699877	8349.000957	15.27060222
-28038.80363	7.9	0.4778465	8304.834999	8305.060303	15.23847721

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-28059.57874	7.9	0.477805484	8275.550508	8275.700489	15.21697692
-28083.4229	7.9	0.477764504	8258.174098	8258.249564	15.20420144
-28105.78146	7.9	0.477723543	8241.880313	8241.95578	15.19219475
-28127.67454	7.9	0.477682599	8226.466092	8226.53887	15.18082402
-28148.77671	7.9	0.477641671	8215.849267	8215.900453	15.17298881
-28168.08564	7.9	0.477600755	8217.45428	8217.442295	15.17418077
-28192.53878	7.9	0.477559825	8348.649596	8348.064575	15.27072372
-28214.60477	7.9	0.477518799	8417.29399	8416.950622	15.32076339
-28233.86708	7.9	0.477477685	8500.841237	8500.363807	15.38146145
-28256.5745	7.9	0.477436482	8545.679509	8545.461019	15.41381334
-28279.5078	7.9	0.477395227	8497.082474	8497.309208	15.37861177
-28300.64241	7.9	0.477353996	8461.429225	8461.608285	15.35276036
-28321.70964	7.9	0.477312813	8356.059542	8356.601363	15.27594949
-28344.92935	7.9	0.477271717	8348.227647	8348.257892	15.27029641
-28365.28261	7.9	0.477230646	8436.273167	8435.79709	15.33462385
-28387.99533	7.9	0.477189512	8432.586717	8432.601058	15.3318467
-28412.23972	7.9	0.477148364	8351.544193	8351.901218	15.27267752
-28432.39652	7.9	0.477107274	8319.867432	8320.033799	15.24951077
-28455.7491	7.9	0.477066234	8253.330938	8253.637161	15.20058363
-28477.47973	7.9	0.477025252	8204.158529	8204.40141	15.16431101
-28497.88252	7.9	0.476984325	8177.58595	8177.72404	15.14466628
-28519.73273	7.9	0.476943434	8153.193825	8153.311572	15.1265853
-28542.09066	7.9	0.476902568	8148.023887	8148.04497	15.12276561
-28565.66605	7.9	0.47686171	8155.428147	8155.391516	15.1282707
-28585.28999	7.9	0.476820849	8138.419207	8138.509809	15.11561957
-28608.5113	7.9	0.476779998	8122.865209	8122.933867	15.10406179
-28630.61314	7.9	0.476739163	8132.187105	8132.136595	15.11098399
-28647.54283	7.9	0.476698319	8228.389579	8227.86205	15.18234753
-28564.35761	7.9	0.47665739	8331.597712	8331.085533	15.25820745
-28479.10337	7.9	0.47661634	8508.716187	8507.862369	15.38720592
-28400.39487	7.9	0.476575129	8606.203528	8605.690236	15.45741826
-28314.00759	7.9	0.47653382	8425.732172	8426.582636	15.32668344
-28235.1567	7.9	0.476492622	8305.898917	8306.517751	15.23918439
-28145.75758	7.9	0.476451563	8241.359101	8241.64878	15.19176999
-28068.42494	7.9	0.476410581	8226.049597	8226.129439	15.18049739
-27989.62288	7.9	0.476369619	8326.758663	8326.231326	15.25469063
-27904.56958	7.9	0.476328577	8437.716753	8437.176669	15.33555817
-27824.38453	7.9	0.476287398	8736.433274	8734.904307	15.55064561
-27742.09975	7.9	0.476245927	9115.054612	9113.166537	15.81691779
-27661.0864	7.9	0.476204142	8863.74161	8865.007813	15.64049355
-27579.78983	7.9	0.476162471	8627.71354	8628.898354	15.47258
-27496.11135	7.9	0.476121032	8560.799946	8561.123528	15.42460867
-27405.97709	7.9	0.47607972	8393.252773	8394.006704	15.30304823
-27331.93315	7.9	0.476038545	8307.761171	8308.230337	15.24058178
-27247.57021	7.9	0.475997482	8258.642288	8258.876687	15.20451546
-27160.35178	7.9	0.475956481	8209.299011	8209.526255	15.16811359
-27080.89105	7.9	0.475915528	8177.332461	8177.493258	15.14447406
-26999.10903	7.9	0.475874614	8151.106816	8151.234144	15.12503434
-26910.30587	7.9	0.475833727	8135.595581	8135.663101	15.11352553
-26826.35702	7.9	0.475792859	8121.943398	8122.005887	15.10337709

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-26744.62897	7.9	0.475752004	8113.28759	8113.32693	15.09694052
-26661.18549	7.9	0.475711159	8101.123525	8101.17916	15.08787994
-26579.56836	7.9	0.475670325	8094.456394	8094.485894	15.08291695
-26500.37771	7.9	0.475629499	8095.597704	8095.588026	15.08377462
-26419.16588	7.9	0.475588674	8103.870958	8103.825167	15.08994563
-26336.28999	7.9	0.475547841	8102.983501	8102.983861	15.08927596
-26252.46067	7.9	0.475507005	8112.902147	8112.849244	15.09666553
-26172.65546	7.9	0.47546616	8150.361007	8150.164138	15.12454123
-26098.67355	7.9	0.475425283	8150.360596	8150.356598	15.12450514
-26015.38364	7.9	0.475384398	8122.957473	8123.088183	15.10411877
-25929.62377	7.9	0.475343533	8101.665591	8101.763179	15.08827589
-25851.50155	7.9	0.475302691	8088.046798	8088.114184	15.07813138
-25761.32993	7.9	0.475261864	8081.806322	8081.830406	15.07348486
-25676.59358	7.9	0.475221043	8081.662165	8081.658835	15.07338242
-25593.14039	7.9	0.475180224	8085.914635	8085.889556	15.07655675
-25517.70068	7.9	0.4751394	8113.857534	8113.704975	15.09737161
-25435.68793	7.9	0.47509854	8238.199798	8237.57476	15.18959192
-25355.64497	7.9	0.475057593	8129.235838	8129.789644	15.10870879
-25269.37795	7.9	0.475016691	8120.113588	8120.151909	15.10201704
-25184.78774	7.9	0.474975821	8158.279835	8158.091921	15.13041512
-25108.91631	7.9	0.474934925	8143.388079	8143.464376	15.11931303
-25020.90954	7.9	0.474894031	8119.933203	8120.03818	15.10187333
-24941.979	7.9	0.474853158	8117.791174	8117.801411	15.10020886
-24855.0131	7.9	0.474812268	8365.288	8364.123842	15.28299118
-24781.57687	7.9	0.474771196	8435.996688	8435.598107	15.33440817
-24697.12169	7.9	0.474730017	8352.622143	8353.022541	15.27344908
-24612.05359	7.9	0.474688889	8224.989736	8225.599347	15.17963047
-24525.33042	7.9	0.474647877	8167.014306	8167.283369	15.1368051
-24447.19852	7.9	0.47460694	8135.137801	8135.301247	15.11316793
-24357.00794	7.9	0.474566041	8150.670811	8150.583438	15.12464495
-24281.66763	7.9	0.474525137	8292.51845	8291.7375	15.22962088
-24196.25895	7.9	0.474484118	8279.247523	8279.309548	15.21967608
-24121.38726	7.9	0.474443072	8176.390875	8176.950247	15.14370259
-24028.51486	7.9	0.47440211	8128.375468	8128.58177	15.10813089
-23953.58072	7.9	0.47436121	8103.119018	8103.253476	15.08935165
-23863.71136	7.9	0.474320343	8088.468292	8088.530604	15.07844642
-23781.03294	7.9	0.474279493	8082.125929	8082.153308	15.07372268
-23701.16478	7.9	0.474238652	8082.796289	8082.788837	15.07422927
-23619.11455	7.9	0.47419781	8083.471065	8083.463708	15.07473253
-23537.61458	7.9	0.474156968	8087.576065	8087.551387	15.07779747
-23451.4875	7.9	0.474116121	8082.62473	8082.644403	15.074096
-23379.48535	7.9	0.474075275	8076.043412	8076.077027	15.06918276
-23297.17539	7.9	0.474034436	8074.969644	8074.970985	15.06838733
-23214.94612	7.9	0.473993599	8074.969644	8074.965644	15.06838833
-23134.01495	7.9	0.47395276	8074.987407	8074.983319	15.0684016
-23047.07301	7.9	0.473911921	8075.780841	8075.773118	15.0689945
-22960.02094	7.9	0.473871081	8075.928008	8075.923322	15.06910377
-22876.92021	7.9	0.473830239	8075.928008	8075.924008	15.06910365
-22794.5413	7.9	0.473789397	8075.904523	8075.90064	15.0690861
-22712.30731	7.9	0.473748553	8075.791637	8075.788199	15.06900176

Light (Ly/d)	pH (pH)	Bed Depth (m)	InflowH2O (cu.m/d)	DischH2O (cu.m/d)	Run Velocity (cm/s)
-22630.2096	7.9	0.473707709	8075.859124	8075.854786	15.0690523
-22548.04222	7.9	0.473666864	8075.426124	8075.424282	15.06872864
-22465.96008	7.9	0.473626018	8075.289099	8075.285782	15.06862664
-22383.86771	7.9	0.473585172	8075.332846	8075.328628	15.06865946
-22301.78579	7.9	0.473544325	8075.587105	8075.581836	15.06884944
-22219.60153	7.9	0.473503477	8075.491271	8075.487749	15.06877758
-22137.50974	7.9	0.473462628	8075.70583	8075.700759	15.06893802
-22055.2716	7.9	0.473421778	8075.247708	8075.245989	15.06859545
-21973.12658	7.9	0.473380927	8075.030822	8075.027904	15.06843379
-21891.06575	7.9	0.473340076	8075.468753	8075.462567	15.06876127
-21808.87222	7.9	0.473299223	8075.628272	8075.623478	15.06888008
-21726.70281	7.9	0.47325837	8075.768281	8075.763583	15.06898456
-21644.51187	7.9	0.473217516	8075.787532	8075.783436	15.06899882
-21562.35596	7.9	0.47317666	8075.89007	8075.885558	15.06907543
-21480.12212	7.9	0.473135804	8077.454815	8077.443031	15.07024389
-21397.20292	7.9	0.473094945	8089.458286	8089.395152	15.07920758
-21311.78945	7.9	0.473054076	8076.651648	8076.708658	15.06963235
-21232.46424	7.9	0.473013213	8075.42852	8075.430864	15.06872965
-21151.30097	7.9	0.472972353	8075.289099	8075.285893	15.06862662

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.092417399	29.51892676	6.641758521
0.37	0.093081788	29.52162414	6.642365432
0.37	0.093798238	29.89831376	6.727120595
0.37	0.096016413	41.51298331	9.340421246
0.37	0.105759331	64.90428077	14.60346317
0.37	0.117735806	75.06467573	16.88955204
0.37	0.11545067	58.81955217	13.23439924
0.37	0.106735193	53.81825368	12.10910708
0.37	0.104550236	52.42216311	11.7949867
0.37	0.102937014	48.51265768	10.91534798
0.37	0.10112044	46.16923008	10.38807677
0.37	0.102331619	52.55581806	11.82505906
0.37	0.115413532	79.02138604	17.77981186
0.37	0.125129711	76.92669119	17.30850552
0.37	0.116521308	59.16417142	13.31193857
0.37	0.105509137	49.35156547	11.10410223
0.37	0.10112073	45.20846824	10.17190535
0.37	0.099053505	41.3906493	9.312896092
0.37	0.097075814	36.36897147	8.183018581
0.37	0.094977358	30.13115255	6.779509325
0.37	0.093631011	27.96791391	6.292780629
0.37	0.0932316	27.18466395	6.116549388
0.37	0.093078454	26.74437542	6.017484469
0.37	0.092996947	26.53440017	5.970240039
0.37	0.09297522	26.5855767	5.981754757
0.37	0.092987382	26.6252144	5.990673241
0.37	0.092989576	26.57851785	5.980166516
0.37	0.09296386	26.4078957	5.941776532
0.37	0.092932158	26.32455171	5.923024134
0.37	0.092898456	26.12272459	5.877613032
0.37	0.092828834	25.72264925	5.787596081
0.37	0.092751204	25.43545954	5.722978396
0.37	0.092695505	25.23194644	5.67718795
0.37	0.09265377	25.07820171	5.642595385
0.37	0.09262401	24.98350559	5.621288757
0.37	0.09277793	26.43159144	5.947108073
0.37	0.092987594	26.75999303	6.020998432
0.37	0.092912014	25.75746774	5.795430243
0.37	0.092744625	25.34141386	5.701818118
0.37	0.092664961	25.04430936	5.634969607
0.37	0.092613231	24.87634284	5.597177139
0.37	0.092579469	24.75658064	5.570230644
0.37	0.092565683	24.75969715	5.570931858
0.37	0.092573877	24.8344427	5.587749609
0.37	0.092586066	24.86940788	5.595616773
0.37	0.092594259	24.89555607	5.601500116
0.37	0.092588467	24.7889629	5.577516651
0.37	0.092562692	24.66153354	5.548845046
0.37	0.092536915	24.57191019	5.528679793
0.37	0.092519128	24.4870787	5.509592709

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.092503339	24.417848	5.494015799
0.37	0.092491546	24.38319179	5.486218153
0.37	0.092483751	24.34610731	5.477874145
0.37	0.092475956	24.30899428	5.469523712
0.37	0.09246896	24.2794388	5.462873731
0.37	0.092463963	24.25992691	5.458483554
0.37	0.092460965	24.25055546	5.456374978
0.37	0.092460167	24.25464768	5.457295727
0.37	0.092462767	24.27230983	5.461269712
0.37	0.092462169	24.24390608	5.454878867
0.37	0.092458371	24.23546452	5.452979517
0.37	0.092457773	24.23752949	5.453444136
0.37	0.092458574	24.23955309	5.453899445
0.37	0.092458175	24.23016251	5.451786565
0.37	0.092456377	24.22171448	5.449885758
0.37	0.092455379	24.22066771	5.449650234
0.37	0.09245598	24.22960507	5.451661141
0.37	0.09245958	24.25474457	5.457317529
0.37	0.092466779	24.29077659	5.465424733
0.37	0.09246918	24.27300223	5.461425502
0.37	0.092467382	24.27279828	5.461379613
0.37	0.092467383	24.2682073	5.460346643
0.37	0.092464785	24.24548752	5.455234691
0.37	0.092460388	24.22615958	5.450885905
0.37	0.09245759	24.21789418	5.449026191
0.37	0.092456592	24.21607909	5.448617795
0.37	0.092456393	24.21437532	5.448234446
0.37	0.092456395	24.21437745	5.448234927
0.37	0.092456596	24.21437745	5.448234927
0.37	0.092456797	24.21437745	5.448234927
0.37	0.092456998	24.21437745	5.448234927
0.37	0.0924572	24.21446503	5.448254632
0.37	0.092461	24.25389363	5.457126068
0.37	0.092491389	24.49844198	5.512149446
0.37	0.092634052	25.52800434	5.743800977
0.37	0.092724128	25.30059068	5.692632902
0.37	0.09262847	24.67064339	5.550894763
0.37	0.092540764	24.51939863	5.516864691
0.37	0.092578929	25.03242204	5.632294959
0.37	0.092641063	25.08551147	5.644240081
0.37	0.092649253	25.11082023	5.649934551
0.37	0.092729321	25.7923391	5.803276297
0.37	0.092839294	26.0346846	5.857804035
0.37	0.092815549	25.5760427	5.754609608
0.37	0.092751889	25.50546348	5.738729283
0.37	0.092716155	25.25947065	5.683380896
0.37	0.092678419	25.16527885	5.662187741
0.37	0.092644668	24.95268734	5.614354651
0.37	0.092588935	24.6605912	5.54863302
0.37	0.092539181	24.48657858	5.50948018

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.092509402	24.38479016	5.486577786
0.37	0.092491613	24.32811749	5.473826435
0.37	0.092481419	24.29446853	5.46625542
0.37	0.09248362	24.35540185	5.479965415
0.37	0.092496215	24.39785765	5.489517972
0.37	0.092496416	24.35801527	5.480553435
0.37	0.092500615	24.44235147	5.49952908
0.37	0.092516808	24.49771894	5.511986762
0.37	0.092517009	24.43122675	5.497026019
0.37	0.09249922	24.32868944	5.473955125
0.37	0.09248043	24.2613752	5.45880942
0.37	0.092470836	24.23656159	5.453226357
0.37	0.092466638	24.2217544	5.44989474
0.37	0.09246484	24.21816334	5.449086751
0.37	0.092464642	24.21816741	5.449087668
0.37	0.092464843	24.21790664	5.449028993
0.37	0.092464844	24.21627052	5.448660867
0.37	0.092464846	24.21601429	5.448603215
0.37	0.092464847	24.21410879	5.448174478
0.37	0.092464648	24.21248011	5.447808025
0.37	0.09246465	24.21223006	5.447751764
0.37	0.092464651	24.21032362	5.447322814
0.37	0.092464453	24.2087917	5.446978131
0.37	0.092464654	24.21054975	5.447373694
0.37	0.092464855	24.20879582	5.44697906
0.37	0.092465056	24.21054277	5.447372124
0.37	0.092465258	24.2086886	5.446954936
0.37	0.092465259	24.2087507	5.446968908
0.37	0.09246566	24.21051021	5.447364798
0.37	0.092465862	24.20876876	5.44697297
0.37	0.092466063	24.2105363	5.447370668
0.37	0.092466264	24.20868856	5.446954926
0.37	0.092466265	24.20862603	5.446940858
0.37	0.092466267	24.20704273	5.446584614
0.37	0.092466868	24.24675799	5.455520547
0.37	0.09248806	24.4119524	5.49268929
0.37	0.092762261	26.64793309	5.995784944
0.37	0.093099523	27.32389419	6.147876193
0.37	0.093412183	29.05047304	6.536356433
0.37	0.093791853	30.12342971	6.777771684
0.37	0.094394134	33.03758535	7.433456705
0.37	0.095878476	38.56915273	8.678059365
0.37	0.097627726	41.83272443	9.412362997
0.37	0.098132521	40.89534895	9.201453513
0.37	0.097297822	37.97758527	8.544956687
0.37	0.095763733	32.99776321	7.424496721
0.37	0.094369587	29.90124432	6.727779972
0.37	0.093811327	29.36185575	6.606417543
0.37	0.093575224	28.19678223	6.344276002
0.37	0.09329307	27.23409736	6.127671905

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.093118072	26.80472342	6.03106277
0.37	0.093000703	26.25928738	5.908339661
0.37	0.092873285	25.74407834	5.792417625
0.37	0.092771727	25.39746387	5.714429371
0.37	0.092702058	25.15946717	5.660880114
0.37	0.092756155	25.89051794	5.825366536
0.37	0.093200804	28.76650029	6.472462565
0.37	0.094094593	32.3532042	7.279470945
0.37	0.097618991	46.32660928	10.42348709
0.37	0.102246991	52.07223322	11.71625247
0.37	0.103812337	51.76127886	11.64628774
0.37	0.102910016	49.04597145	11.03534358
0.37	0.101415738	46.59070216	10.48290798
0.37	0.100138266	44.30245271	9.96805186
0.37	0.099140437	42.65800658	9.59805148
0.37	0.099486425	45.66814259	10.27533208
0.37	0.105832733	62.58669274	14.08244231
0.37	0.131800939	81.63103314	28.88482711
0.37	0.150804888	81.78359368	28.93694539
0.37	0.140563107	82.3309821	18.52447097
0.37	0.123120009	68.61784035	15.43901408
0.37	0.110668659	53.5094462	12.03962539
0.37	0.102833411	46.71435088	10.51072895
0.37	0.099679294	42.23249461	9.502311288
0.37	0.097333766	36.54067989	8.221652976
0.37	0.095369132	32.29788676	7.26702452
0.37	0.095671453	38.09031748	8.570321433
0.37	0.097576099	42.01033521	9.452325421
0.37	0.099123592	44.84169855	10.08938217
0.37	0.099700876	44.38124672	9.985780513
0.37	0.099547496	44.24970958	9.956184654
0.37	0.100026932	46.25383098	10.40711197
0.37	0.101134432	48.39370499	10.88909715
0.37	0.128971389	83.43074823	29.52164937
0.37	0.166379283	98.84584686	34.9748929
0.37	0.153374129	77.6819931	17.47844845
0.37	0.115024478	53.26346112	11.98427875
0.37	0.102723286	46.58314903	10.48120853
0.37	0.099701585	42.4787665	9.557722462
0.37	0.097655839	37.86497071	8.51961841
0.37	0.095758924	33.04634163	7.435426867
0.37	0.094473533	30.52223957	6.867503903
0.37	0.093951212	29.65427898	6.67221277
0.37	0.093757012	29.15699351	6.56032354
0.37	0.093640069	28.80618084	6.481390688
0.37	0.093560805	28.58056087	6.430626195
0.37	0.093497408	28.33828847	6.376114905
0.37	0.093428022	28.05954589	6.313397826
0.37	0.093366568	27.87740934	6.272417102
0.37	0.093323	27.73758431	6.240956469

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.093386853	28.39092626	6.38795841
0.37	0.093647398	29.68183184	6.678412165
0.37	0.093957171	30.54897001	6.873518252
0.37	0.093983149	29.80911703	6.707051333
0.37	0.093707573	28.60435892	6.435980757
0.37	0.093459444	28.00942843	6.302121397
0.37	0.093340318	27.70283552	6.233137991
0.37	0.093282814	27.56381536	6.201858456
0.37	0.09325515	27.48698014	6.184570532
0.37	0.093227481	27.33851482	6.151165835
0.37	0.093193835	27.21103585	6.122483066
0.37	0.093160182	27.07159353	6.091108545
0.37	0.093130507	26.98447557	6.071507003
0.37	0.093114772	26.9705688	6.06837798
0.37	0.093814314	31.98031288	7.195570398
0.37	0.095262952	36.2718343	8.161162718
0.37	0.096504852	38.7668842	8.722548944
0.37	0.09737071	40.47219801	9.106244552
0.37	0.097778942	40.63927583	9.143837062
0.37	0.097312636	38.26418928	8.609442588
0.37	0.096133737	34.72934589	7.814102826
0.37	0.094868315	31.17493805	7.014361061
0.37	0.09432362	31.48733707	7.084650841
0.37	0.095352686	37.10036496	8.347582116
0.37	0.096725252	39.01396939	8.778143112
0.37	0.096398838	35.3302493	7.949306092
0.37	0.094999333	31.29567784	7.041527513
0.37	0.094231596	30.7324497	6.914801181
0.37	0.094213981	31.19490559	7.018853758
0.37	0.094243877	30.91697148	6.956318582
0.37	0.094071768	30.03129989	6.757042475
0.37	0.093808252	29.08779239	6.544753288
0.37	0.093605951	28.56318347	6.42671628
0.37	0.093512763	28.40656286	6.391476644
0.37	0.09345929	28.16695493	6.33756486
0.37	0.093393867	27.90868092	6.279453207
0.37	0.09333439	27.73737392	6.240909132
0.37	0.093656495	30.25287433	6.806896725
0.37	0.098184917	49.40772031	11.11673707
0.37	0.114451941	78.8568988	17.74280223
0.37	0.125184249	77.1245252	17.35301817
0.37	0.120160469	68.10851426	15.32441571
0.37	0.10964544	50.86944984	11.44562621
0.37	0.101180483	43.43708903	9.773345032
0.37	0.098151305	39.09695569	8.79681503
0.37	0.096367464	35.03540139	7.882965313
0.37	0.095371899	33.9368749	7.635796852
0.37	0.095234399	34.27231435	7.711270728
0.37	0.09524444	33.97108399	7.643493897
0.37	0.094982624	32.71098105	7.359970736

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.09453874	31.24817067	7.0308384
0.37	0.094180936	30.40040066	6.840090149
0.37	0.094028615	30.24267897	6.804602769
0.37	0.094038722	30.46568565	6.854779272
0.37	0.094023066	30.09949661	6.772386738
0.37	0.09385273	29.29321402	6.590973154
0.37	0.093642528	28.63479043	6.442827847
0.37	0.093573208	28.79658725	6.47923213
0.37	0.093621088	28.9715822	6.518605995
0.37	0.093647109	28.98731139	6.522145062
0.37	0.093651281	29.01795623	6.529040151
0.37	0.093752731	29.731054	6.689487151
0.37	0.09523947	37.81423277	8.508202374
0.37	0.097999184	43.93875106	9.886218988
0.37	0.099678837	45.13605108	10.15561149
0.37	0.09939066	42.74249806	9.617062064
0.37	0.099870013	46.96083318	10.56618746
0.37	0.102381645	51.88891037	11.67500483
0.37	0.103005635	49.17692486	11.06480809
0.37	0.10116944	45.4287041	10.22145842
0.37	0.099967699	44.74906146	10.06853883
0.37	0.099295779	42.72239826	9.612539608
0.37	0.098176694	40.01613464	9.003630293
0.37	0.096812541	36.35173842	8.179141144
0.37	0.095899846	35.49470243	7.986308048
0.37	0.09738542	43.23278957	9.727377653
0.37	0.099891508	46.58702606	10.48208086
0.37	0.100351703	45.0611475	10.13875819
0.37	0.099200634	41.9804396	9.445598909
0.37	0.097654387	38.34978228	8.628701013
0.37	0.09625724	35.26893109	7.935509496
0.37	0.097056458	42.02474707	9.455568091
0.37	0.099642649	46.74293059	10.51715938
0.37	0.100906547	47.00285874	10.57564322
0.37	0.100391097	44.76691183	10.07255516
0.37	0.100772569	48.40182689	10.89041105
0.37	0.102914196	52.29976979	11.7674482
0.37	0.103704953	51.08892113	11.49500726
0.37	0.102273141	47.42626981	10.67091071
0.37	0.100372598	44.22005704	9.949512835
0.37	0.098740425	40.88091535	9.198205953
0.37	0.097287653	37.78369246	8.501330803
0.37	0.096122668	35.14731726	7.908146383
0.37	0.095265045	33.09668157	7.446753353
0.37	0.094687741	31.71581752	7.136058943
0.37	0.094328252	30.84068059	6.939153133
0.37	0.094108715	30.27844625	6.812650406
0.37	0.093976147	29.94039912	6.736589802
0.37	0.0939129	29.84812546	6.715828228
0.37	0.093899217	29.84418561	6.714941763

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.093855778	29.53794208	6.646036969
0.37	0.093742864	29.03185979	6.532168452
0.37	0.093623925	28.68683685	6.454538291
0.37	0.093610221	28.96316995	6.516713238
0.37	0.093753382	29.69280412	6.680880927
0.37	0.093830987	29.49577398	6.636549144
0.37	0.093743865	29.08033057	6.543074379
0.37	0.093678551	29.02286796	6.530145292
0.37	0.093627112	28.69039919	6.455339818
0.37	0.093522004	28.24260719	6.354586618
0.37	0.093424793	27.95003976	6.288758946
0.37	0.093367316	27.80331718	6.255746364
0.37	0.093333696	27.71461838	6.235789136
0.37	0.093335886	27.83962795	6.263916289
0.37	0.093457398	28.64658003	6.445480507
0.37	0.094278336	33.36174322	7.506392225
0.37	0.095106293	34.02214069	7.654981655
0.37	0.094854057	31.77115885	7.148510742
0.37	0.094142705	29.46083759	6.628688459
0.37	0.093653126	28.39553868	6.388996203
0.37	0.093430768	27.82375028	6.260343814
0.37	0.09332157	27.55877842	6.200725145
0.37	0.093258088	27.33242163	6.149794866
0.37	0.093214494	27.20794327	6.121787236
0.37	0.093182836	27.08420416	6.093945935
0.37	0.093179054	27.20560718	6.121261615
0.37	0.093242964	27.59514095	6.208906714
0.37	0.093326752	27.84277583	6.264624562
0.37	0.093318992	27.53510165	6.195397872
0.37	0.093404718	28.52155742	6.41735042
0.37	0.093903289	31.09725723	6.996882877
0.37	0.094254307	30.95822687	6.965601046
0.37	0.093965221	29.07552439	6.541992987
0.37	0.093554612	28.04052287	6.309117647
0.37	0.093354015	27.57025232	6.203306773
0.37	0.093248749	27.19965655	6.119922723
0.37	0.093167319	26.9240557	6.057912532
0.37	0.093107766	26.74463878	6.017543726
0.37	0.093088045	26.80101821	6.030229096
0.37	0.093207733	27.70758641	6.234206942
0.37	0.093494392	28.97328039	6.518988087
0.37	0.093506522	27.78203663	6.250958242
0.37	0.093254126	27.06368083	6.089328187
0.37	0.093433316	29.15419439	6.559693738
0.37	0.094038935	31.38954164	7.062646868
0.37	0.094068875	29.32565447	6.598272256
0.37	0.093521402	27.49035583	6.185330062
0.37	0.093197397	26.85245187	6.04180167
0.37	0.093066138	26.4213388	5.944801229
0.37	0.092986619	26.2026053	5.895586193

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.092936976	26.02196136	5.854941306
0.37	0.092893302	25.8267121	5.811010223
0.37	0.092849618	25.64365646	5.769822703
0.37	0.092805923	25.44366169	5.724823881
0.37	0.092762217	25.25674875	5.682768469
0.37	0.0927185	25.05177806	5.636650063
0.37	0.092674773	24.86057525	5.593629431
0.37	0.092631035	24.66458216	5.549530986
0.37	0.092609263	24.66481746	5.54958393
0.37	0.092609464	24.67083029	5.550936815
0.37	0.093064361	28.4270073	6.396076642
0.37	0.093478743	28.09699013	6.32182278
0.37	0.093254127	26.65835674	5.998130266
0.37	0.093061179	26.58614264	5.981882093
0.37	0.093045438	26.52243869	5.967548704
0.37	0.093029695	26.45644552	5.952700243
0.37	0.093013951	26.38995002	5.937738755
0.37	0.092998206	26.3231688	5.922712981
0.37	0.092982459	26.25611461	5.907625788
0.37	0.092966711	26.18879878	5.892479725
0.37	0.092950961	26.121221	5.877274725
0.37	0.09293521	26.05337898	5.862010271
0.37	0.092919457	25.98527002	5.846685754
0.37	0.092903703	25.91689129	5.831300539
0.37	0.092887948	25.8482399	5.815853977
0.37	0.092872191	25.77931292	5.800345407
0.37	0.092856433	25.71010736	5.784774155
0.37	0.092840674	25.64062016	5.769139537
0.37	0.092824913	25.57084824	5.753440854
0.37	0.092809151	25.50078843	5.737677396
0.37	0.092793387	25.43043751	5.72184844
0.37	0.092777622	25.35979222	5.705953249
0.37	0.092761856	25.28884921	5.689991072
0.37	0.092746088	25.21760509	5.673961144
0.37	0.092730319	25.14605638	5.657862686
0.37	0.092714548	25.07419957	5.641694902
0.37	0.092698776	25.00203104	5.625456984
0.37	0.092683003	24.92954713	5.609148105
0.37	0.092667228	24.8567441	5.592767423
0.37	0.092651452	24.78603819	5.576858593
0.37	0.092637671	24.73833239	5.566124787
0.37	0.09263188	24.74762789	5.568216276
0.37	0.092666034	25.02537658	5.630709731
0.37	0.092680215	24.86022332	5.593550246
0.37	0.092648462	24.75731707	5.570396342
0.37	0.092640674	24.78923222	5.57757725
0.37	0.092626893	24.61918652	5.539316966
0.37	0.092597129	24.51624148	5.516154334
0.37	0.09257735	24.43296355	5.497416799
0.37	0.092563565	24.38156354	5.485851797

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.092553774	24.34716308	5.478111693
0.37	0.09254798	24.32672231	5.473512519
0.37	0.092544185	24.3075116	5.46919011
0.37	0.092540389	24.28931843	5.465096648
0.37	0.092536993	24.2767821	5.462275972
0.37	0.092535595	24.27868922	5.462705075
0.37	0.092551384	24.43315795	5.49746054
0.37	0.092575165	24.51322143	5.515474822
0.37	0.092595346	24.61033833	5.537326124
0.37	0.092613527	24.66210134	5.548972801
0.37	0.092613728	24.60577883	5.536300237
0.37	0.09260394	24.56441658	5.526993731
0.37	0.09258616	24.44151918	5.499341815
0.37	0.092570377	24.43247425	5.497306707
0.37	0.092580569	24.53539817	5.520464587
0.37	0.092592758	24.53095472	5.519464813
0.37	0.092582969	24.43628403	5.498163907
0.37	0.092569184	24.39921723	5.489823876
0.37	0.092557395	24.32093381	5.472210107
0.37	0.092543008	24.26289762	5.459151964
0.37	0.092533017	24.23146605	5.452079862
0.37	0.092526423	24.20253649	5.445570709
0.37	0.092522627	24.19642498	5.44419562
0.37	0.092523428	24.20523312	5.446177452
0.37	0.09252263	24.18499131	5.441623044
0.37	0.092518434	24.16649887	5.437462246
0.37	0.092516236	24.17757439	5.439954238
0.37	0.092529229	24.29175605	5.465645112
0.37	0.092555011	24.41313192	5.492954683
0.37	0.092589579	24.61952947	5.539394132
0.37	0.09262574	24.73186922	5.564670575
0.37	0.092617951	24.52269351	5.51760604
0.37	0.092580193	24.38269503	5.486106382
0.37	0.092556416	24.30683199	5.469037197
0.37	0.092545427	24.28879582	5.46497906
0.37	0.09255562	24.407505	5.491688625
0.37	0.092580998	24.53689308	5.520800942
0.37	0.092631142	24.88103297	5.598232418
0.37	0.092719209	25.30706846	5.694090404
0.37	0.092737379	25.02478967	5.630577676
0.37	0.092675684	24.756128	5.5701288
0.37	0.09263794	24.67937387	5.552859121
0.37	0.092610175	24.48487716	5.509097362
0.37	0.09257841	24.38493086	5.486609442
0.37	0.092560628	24.32722474	5.473625567
0.37	0.092548839	24.26898174	5.460520891
0.37	0.092538848	24.2311585	5.452010663
0.37	0.092531454	24.20005494	5.445012362
0.37	0.092526459	24.18164084	5.440869189
0.37	0.092523063	24.16540334	5.437215751

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.092520466	24.15510483	5.434898587
0.37	0.092518069	24.1406079	5.431636777
0.37	0.092515672	24.13266712	5.429850103
0.37	0.092514873	24.13403939	5.430158864
0.37	0.092516274	24.14391301	5.432380426
0.37	0.092517475	24.14284153	5.432139344
0.37	0.092518075	24.15466484	5.43479959
0.37	0.092524273	24.19926597	5.444834844
0.37	0.09252987	24.19920822	5.444821849
0.37	0.092526674	24.16659003	5.437482756
0.37	0.092520879	24.14124143	5.431779322
0.37	0.092516683	24.12501021	5.428127298
0.37	0.092514306	24.11757577	5.426454548
0.37	0.092513688	24.11741187	5.42641767
0.37	0.092513989	24.12249081	5.427560431
0.37	0.092517208	24.15579458	5.43505378
0.37	0.092537675	24.30334708	5.468253092
0.37	0.092540874	24.17393406	5.439135163
0.37	0.092525087	24.16322726	5.436726134
0.37	0.092529086	24.2086642	5.446949444
0.37	0.092532685	24.19090085	5.442952692
0.37	0.092528089	24.16299732	5.436674397
0.37	0.092523294	24.16033417	5.436075189
0.37	0.092552872	24.45278588	5.501876824
0.37	0.092594635	24.53505307	5.52038694
0.37	0.092594836	24.43751854	5.498441671
0.37	0.092569063	24.28740876	5.464666971
0.37	0.092546084	24.21888816	5.449249837
0.37	0.092534694	24.18106869	5.440740455
0.37	0.092528899	24.19943192	5.444872183
0.37	0.092548685	24.3673934	5.482663516
0.37	0.092570069	24.35148173	5.479083388
0.37	0.092555882	24.22992415	5.451732934
0.37	0.092536099	24.17300942	5.438927119
0.37	0.092527107	24.14296264	5.432166594
0.37	0.092521912	24.12551428	5.428240712
0.37	0.092519355	24.11795628	5.426540164
0.37	0.092518697	24.11876683	5.426722538
0.37	0.092518998	24.11957205	5.426903711
0.37	0.092519859	24.12447595	5.428007089
0.37	0.0925202	24.11855359	5.426674559
0.37	0.092518902	24.11069242	5.424905794
0.37	0.092517984	24.10941973	5.424619438
0.37	0.092518045	24.10942132	5.424619797
0.37	0.092518246	24.10944256	5.424624576
0.37	0.092518548	24.1103912	5.42483802
0.37	0.092518869	24.11056604	5.424877359
0.37	0.09251909	24.11056584	5.424877313
0.37	0.092519291	24.11053775	5.424870995
0.37	0.092519472	24.11040281	5.424840633

ZMean (Dynamic) (m)	Tau: Bed Shear (kg/sq.m)	Riffle Velocity (cm/s)	Pool Velocity (cm/s)
0.37	0.092519674	24.11048367	5.424858826
0.37	0.092519835	24.10996583	5.424742312
0.37	0.092519956	24.10980263	5.424705592
0.37	0.092520137	24.10985514	5.424717407
0.37	0.092520378	24.1101591	5.424785798
0.37	0.0925206	24.11004413	5.42475993
0.37	0.092520821	24.11030083	5.424817686
0.37	0.092521002	24.10975272	5.424694363
0.37	0.092521103	24.10949406	5.424636164
0.37	0.092521325	24.11001804	5.424754059
0.37	0.092521606	24.11020813	5.424796828
0.37	0.092521847	24.1103753	5.424834442
0.37	0.092522068	24.11039811	5.424839574
0.37	0.092522289	24.11052068	5.424867153
0.37	0.092522471	24.11239023	5.425287801
0.37	0.092524591	24.12673213	5.428514728
0.37	0.092524952	24.11141175	5.425067644
0.37	0.092523174	24.10996744	5.424742675
0.37	0.092523171	24.1098026	5.424705584

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.109120643	10.83381	0.150014	0.775202429
0.37	0.110084434	7.161283583	0.182125934	0.86328334
0.37	0.107474008	6.522441429	0.169675224	0.892738605
0.37	0.04888669	3.435917435	0.15245453	1.144914609
0.37	0.018141177	1.563314816	0.148526994	1.296934612
0.37	0.014508475	1.273143748	0.147657126	1.322470405
0.37	0.025818574	1.750772058	0.14513945	1.29083328
0.37	0.0291385	2.015250739	0.142425022	1.26442932
0.37	0.030320591	2.107342673	0.141360149	1.254863086
0.37	0.036034541	2.400438718	0.139637443	1.230886138
0.37	0.039874776	2.626532505	0.138168078	1.2109153
0.37	0.029365446	2.113108907	0.140725651	1.250914432
0.37	0.012460714	1.200459862	0.145598882	1.324536668
0.37	0.014796443	1.230583071	0.146193245	1.328541427
0.37	0.025752991	1.730413764	0.143968758	1.291824951
0.37	0.035577638	2.31884383	0.140238541	1.23952093
0.37	0.041996163	2.721631096	0.137626946	1.20329286
0.37	0.051000026	3.206072252	0.134696128	1.161401549
0.37	0.068606866	4.111528651	0.129307746	1.083971581
0.37	0.106656149	5.95607068	0.11790427	0.922995144
0.37	0.126483685	7.087437573	0.11047305	0.821108726
0.37	0.135173416	7.60184485	0.106974502	0.773872263
0.37	0.140541685	7.889176407	0.105029324	0.747582778
0.37	0.143195869	8.050649309	0.103910606	0.73260704
0.37	0.142487119	8.043220639	0.103893294	0.732745392
0.37	0.141979873	8.010264281	0.104078353	0.735435185
0.37	0.142603767	8.022239973	0.10397639	0.734144987
0.37	0.144854666	8.126026052	0.103287986	0.724757134
0.37	0.145949402	8.189389853	0.102838022	0.718793657
0.37	0.148707351	8.312360073	0.10201479	0.707612428
0.37	0.154394542	8.563724926	0.10032992	0.684750167
0.37	0.158634015	8.773646651	0.0988764	0.665291741
0.37	0.161733559	8.936503383	0.097732121	0.650062321
0.37	0.16413417	9.063849651	0.09684413	0.638222044
0.37	0.165644978	9.152784733	0.096209158	0.629823771
0.37	0.144298316	8.277069348	0.101924479	0.708146724
0.37	0.140238303	7.934871365	0.104287876	0.7396744
0.37	0.153990398	8.47560266	0.100845316	0.691928061
0.37	0.160079611	8.830507677	0.098372451	0.65894349
0.37	0.164706337	9.05704879	0.096774742	0.637702892
0.37	0.167390155	9.207825008	0.095699097	0.623471139
0.37	0.169348541	9.315036787	0.094946343	0.613459429
0.37	0.169277385	9.330587093	0.094792283	0.611619393
0.37	0.168032103	9.280940908	0.095096934	0.615859354
0.37	0.167466471	9.246476862	0.095323452	0.618907574
0.37	0.16704524	9.216598393	0.095505404	0.621421526
0.37	0.168822727	9.269695893	0.095126953	0.61634556
0.37	0.170944024	9.37897527	0.094370701	0.606212511
0.37	0.172451943	9.461213713	0.093796279	0.598562537
0.37	0.173910078	9.522816114	0.093331997	0.592510037

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.175107643	9.583119753	0.092894601	0.586735881
0.37	0.17570576	9.61894357	0.092628194	0.583252238
0.37	0.176356863	9.649560631	0.092400968	0.580265209
0.37	0.177011951	9.680197962	0.092170115	0.577244412
0.37	0.177535053	9.705729636	0.091972349	0.574677445
0.37	0.177881472	9.722206413	0.091835325	0.572930743
0.37	0.178046989	9.731973606	0.091747227	0.571825144
0.37	0.177971603	9.731611219	0.091731073	0.571672747
0.37	0.177656036	9.715856943	0.091818281	0.572911611
0.37	0.17817007	9.731540256	0.091702623	0.571362042
0.37	0.178318201	9.741335123	0.09161299	0.570246447
0.37	0.178279914	9.740540991	0.091598442	0.570122669
0.37	0.178244643	9.736576047	0.091607249	0.570299506
0.37	0.178415121	9.741584834	0.091557923	0.569682515
0.37	0.178566449	9.748774345	0.091492116	0.568857994
0.37	0.178584173	9.750700749	0.091460929	0.568505773
0.37	0.178422228	9.746373191	0.091476134	0.568760077
0.37	0.177971114	9.726072556	0.091596975	0.570445004
0.37	0.17733014	9.693310737	0.091803169	0.573268962
0.37	0.177654816	9.699703824	0.091757855	0.57263749
0.37	0.177655995	9.701735081	0.09172323	0.572256733
0.37	0.177739617	9.702048066	0.091703556	0.572055345
0.37	0.178147685	9.718629379	0.091577192	0.570401416
0.37	0.178493294	9.734627017	0.091448955	0.568759147
0.37	0.178639844	9.743257652	0.091369554	0.567778935
0.37	0.178671639	9.745241458	0.091338775	0.567435074
0.37	0.178702607	9.746021428	0.091317725	0.567211693
0.37	0.178702767	9.745516317	0.091305452	0.567107514
0.37	0.178703257	9.744698723	0.091295769	0.567035898
0.37	0.178703747	9.743887764	0.091286152	0.566964872
0.37	0.178704237	9.743081907	0.091276576	0.566894426
0.37	0.178703126	9.74228106	0.091267046	0.566824344
0.37	0.177993042	9.717572139	0.091420592	0.568946225
0.37	0.173677642	9.538031177	0.092624709	0.585211344
0.37	0.157064266	8.82417157	0.09854666	0.66455669
0.37	0.160706534	8.844800536	0.098330308	0.66059647
0.37	0.17089095	9.277827234	0.095103794	0.617155047
0.37	0.173379799	9.465996749	0.093495622	0.596302706
0.37	0.164783303	9.143451212	0.095482584	0.623486425
0.37	0.164007004	9.044885588	0.096132833	0.631859388
0.37	0.163616742	9.026190289	0.096217321	0.632976095
0.37	0.153242097	8.59530586	0.099062809	0.671634752
0.37	0.149896033	8.360556678	0.100700911	0.693335142
0.37	0.156577312	8.619119969	0.099030887	0.670252824
0.37	0.157565477	8.713127472	0.098322562	0.661289072
0.37	0.161333435	8.876010053	0.097219665	0.646625433
0.37	0.162780405	8.961868685	0.096605721	0.638772883
0.37	0.166180031	9.113008745	0.095580089	0.625191775
0.37	0.171006072	9.334278523	0.094051054	0.605011443
0.37	0.173957326	9.486356196	0.092970869	0.591013311

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.175711352	9.587615683	0.092254336	0.581805423
0.37	0.176699883	9.644871023	0.091851282	0.576741756
0.37	0.177290978	9.684167243	0.091583171	0.573414438
0.37	0.176199615	9.650727394	0.091806841	0.57670404
0.37	0.175462252	9.605026531	0.092130506	0.581219999
0.37	0.176172366	9.638435273	0.091931499	0.578653887
0.37	0.174680515	9.584306365	0.092293215	0.583813708
0.37	0.173729271	9.534806395	0.092656043	0.588786861
0.37	0.174902626	9.567808196	0.092451077	0.586179518
0.37	0.176701422	9.656454927	0.091857431	0.578442013
0.37	0.177889715	9.721650391	0.091403719	0.572698832
0.37	0.178326222	9.75239468	0.091192755	0.570155827
0.37	0.178589981	9.769911668	0.091079474	0.568879513
0.37	0.178653114	9.777668522	0.09103463	0.568504283
0.37	0.178652931	9.781125081	0.091022329	0.568546875
0.37	0.178658201	9.784058651	0.091015262	0.568652876
0.37	0.178688225	9.78837164	0.090999627	0.56864072
0.37	0.178693113	9.791697952	0.090990354	0.568716177
0.37	0.178728085	9.796077519	0.090974765	0.56870267
0.37	0.178757689	9.800822987	0.090956949	0.568659141
0.37	0.178762466	9.804266543	0.090947947	0.568733775
0.37	0.178797474	9.808763039	0.090932655	0.568719608
0.37	0.178825301	9.813645316	0.090915672	0.568676021
0.37	0.178793732	9.815933879	0.090925245	0.568873532
0.37	0.178826206	9.820274767	0.090911298	0.568889429
0.37	0.178794839	9.827392552	0.090909784	0.569245893
0.37	0.178829153	9.837950295	0.090895453	0.569459305
0.37	0.178828223	9.847914523	0.090885308	0.569728014
0.37	0.178796904	9.856461725	0.090886639	0.570143425
0.37	0.178829151	9.867643157	0.090872886	0.570347139
0.37	0.178797408	9.876841738	0.090872133	0.570725386
0.37	0.178831601	9.888382704	0.09085873	0.570922369
0.37	0.178832963	9.899270473	0.090849507	0.571174764
0.37	0.178862039	9.911411483	0.090833921	0.571334466
0.37	0.178143611	9.920962781	0.090874556	0.572085514
0.37	0.175223928	9.791445786	0.091784565	0.584677192
0.37	0.141419765	8.321996961	0.101485648	0.715360525
0.37	0.133347708	7.729638104	0.105548498	0.769440955
0.37	0.114937684	6.833394876	0.111341123	0.84834262
0.37	0.105490174	6.282842579	0.114956626	0.897410401
0.37	0.084506339	5.221192583	0.121587151	0.988848345
0.37	0.058557669	3.809789658	0.130230474	1.108902173
0.37	0.048866902	3.204475307	0.134027742	1.16128285
0.37	0.051980595	3.31589173	0.133601711	1.154220134
0.37	0.061813811	3.819012456	0.130652935	1.112865458
0.37	0.08598265	5.034145022	0.123284132	1.010864473
0.37	0.108042668	6.222238341	0.115841784	0.909612839
0.37	0.112389238	6.58068916	0.113437887	0.878112996
0.37	0.123915583	7.147674623	0.109895643	0.83029241
0.37	0.134657911	7.718053522	0.10627698	0.781874253

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.139833332	8.02980959	0.104290322	0.755641988
0.37	0.14696275	8.390946341	0.102038396	0.725719886
0.37	0.154153081	8.778760847	0.099593111	0.693513014
0.37	0.159262382	9.072865881	0.097717098	0.669166427
0.37	0.162927655	9.304079702	0.096266941	0.650443283
0.37	0.151891755	8.855222287	0.099043575	0.688619752
0.37	0.117567714	7.177891301	0.109616071	0.831346947
0.37	0.088724814	5.541932094	0.11979838	0.969576428
0.37	0.037960787	2.73178703	0.136579947	1.201356369
0.37	0.030013048	2.152454989	0.140274715	1.251344576
0.37	0.031020611	2.161595602	0.140524047	1.253428922
0.37	0.035065602	2.368674032	0.139439108	1.237854486
0.37	0.03912285	2.597830663	0.138066243	1.219112454
0.37	0.043653952	2.85131081	0.136541171	1.198346547
0.37	0.047379533	3.067954517	0.135224389	1.180553795
0.37	0.040201873	2.719356065	0.137029134	1.206886665
0.37	0.019863093	1.621005204	0.14315559	1.293342437
0.37	0.008237182	0.96192109	0.146809456	1.344988483
0.37	0.009895133	0.960553838	0.147569658	1.351860042
0.37	0.014694243	1.146820205	0.147198444	1.343276336
0.37	0.019204793	1.413480362	0.145543433	1.320957109
0.37	0.030902495	2.032569968	0.142049595	1.272219531
0.37	0.039509921	2.576320766	0.138461576	1.224959512
0.37	0.048872952	3.115373903	0.135133999	1.180220547
0.37	0.068009252	4.128459332	0.12912464	1.09832109
0.37	0.090257428	5.339950491	0.121721519	0.998652798
0.37	0.060254446	3.954092676	0.129557207	1.107559857
0.37	0.048330085	3.207191598	0.134088039	1.169042224
0.37	0.04187566	2.816692854	0.136460591	1.201280432
0.37	0.043244589	2.855124505	0.136437283	1.200191058
0.37	0.043487907	2.875569854	0.136299622	1.198550359
0.37	0.039197464	2.655557934	0.1374564	1.215099866
0.37	0.035507891	2.4437844	0.138707973	1.232267179
0.37	0.007596873	0.950565539	0.146757825	1.345395047
0.37	0.00720166	0.851953123	0.147761753	1.357143305
0.37	0.019306844	1.221273994	0.147768258	1.347324451
0.37	0.032796653	2.044798536	0.142471448	1.277427433
0.37	0.039730686	2.593977795	0.138365683	1.225729151
0.37	0.048187708	3.087123767	0.135286036	1.184800272
0.37	0.062531794	3.860071893	0.130711259	1.122937946
0.37	0.085651768	5.092201095	0.123363171	1.023843406
0.37	0.102807715	6.079423725	0.117260368	0.942585526
0.37	0.109825024	6.536176417	0.114371815	0.904513402
0.37	0.114290057	6.800646033	0.112750317	0.88301598
0.37	0.117624841	6.990704696	0.1115761	0.867533403
0.37	0.119837247	7.125554972	0.110741243	0.856584323
0.37	0.122310834	7.259023654	0.109936773	0.845949775
0.37	0.125248606	7.42080368	0.108959001	0.832994997
0.37	0.127205589	7.537549314	0.108233975	0.823511636
0.37	0.128745109	7.63329776	0.107644989	0.815810291

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.12163672	7.315195428	0.109499629	0.841125197
0.37	0.10925191	6.664399966	0.113404204	0.893758627
0.37	0.102063205	6.207976694	0.116198866	0.931217909
0.37	0.10847061	6.465430423	0.114820877	0.912136303
0.37	0.119763778	7.052691562	0.111302678	0.864981955
0.37	0.125842434	7.427864442	0.108961274	0.834044703
0.37	0.129165225	7.633097737	0.107677068	0.817157247
0.37	0.130709855	7.732732388	0.10704026	0.808910048
0.37	0.131580048	7.787839	0.106700282	0.804531186
0.37	0.133319782	7.873228503	0.106187522	0.797795111
0.37	0.134826386	7.957077635	0.10566906	0.791043944
0.37	0.136505437	8.051316397	0.10510323	0.783597178
0.37	0.137557485	8.121938932	0.104682563	0.778086715
0.37	0.137761714	8.1516275	0.104506855	0.775867028
0.37	0.09103	5.835864415	0.11830577	0.961489924
0.37	0.067702125	4.372933241	0.127117008	1.079519618
0.37	0.058235313	3.768180892	0.130815841	1.128776717
0.37	0.052871259	3.44049905	0.132808165	1.155351605
0.37	0.052581148	3.397287747	0.13318066	1.159893587
0.37	0.060689976	3.807017057	0.1309215	1.128878351
0.37	0.076102942	4.619601177	0.126141265	1.064550645
0.37	0.097974543	5.795666833	0.119110122	0.97034979
0.37	0.095067782	5.802252084	0.118794343	0.967297844
0.37	0.0640835	4.19588722	0.128159345	1.093809671
0.37	0.057476868	3.706242731	0.131219684	1.134267901
0.37	0.073159967	4.459101395	0.127115193	1.077705315
0.37	0.09718108	5.729488591	0.119543045	0.97620706
0.37	0.100838315	6.081312213	0.117222985	0.946045216
0.37	0.097169962	5.926284138	0.118027843	0.957374024
0.37	0.099375093	6.009470219	0.117600045	0.951398746
0.37	0.106583224	6.374891235	0.115448033	0.922464587
0.37	0.115022721	6.8312145	0.112696573	0.885719133
0.37	0.120078751	7.126301003	0.110851492	0.86135168
0.37	0.121604902	7.248228676	0.110085025	0.851273523
0.37	0.124116961	7.375636729	0.109337971	0.841244912
0.37	0.126890034	7.534002658	0.108387791	0.828564662
0.37	0.128775192	7.654271285	0.107654913	0.818841323
0.37	0.104249324	6.466346046	0.114673995	0.913297435
0.37	0.032590481	2.473999784	0.138037341	1.227971046
0.37	0.012392696	1.206830156	0.145394154	1.327096788
0.37	0.014711607	1.229031586	0.146125366	1.333328767
0.37	0.018942444	1.428785727	0.145294845	1.320769294
0.37	0.034600225	2.212230045	0.141151877	1.26326057
0.37	0.046381481	2.950930502	0.136324975	1.200523971
0.37	0.058101376	3.63141562	0.13211145	1.144856964
0.37	0.074645022	4.536972504	0.126709797	1.072637437
0.37	0.079887751	4.909763272	0.124315723	1.041333705
0.37	0.077854009	4.836623856	0.124608855	1.04580005
0.37	0.079581523	4.909550931	0.124229403	1.040447089
0.37	0.0871254	5.293860073	0.121998002	1.010272539

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.097083706	5.834712175	0.118772314	0.96700921
0.37	0.103533967	6.208019408	0.116448103	0.936200436
0.37	0.104706721	6.321630776	0.115719311	0.926575024
0.37	0.102838143	6.226523343	0.116231212	0.933598216
0.37	0.105945311	6.361903832	0.115483598	0.923263288
0.37	0.113091129	6.735868775	0.113280671	0.893534551
0.37	0.119378258	7.100520789	0.111048901	0.863749889
0.37	0.117647099	7.059155024	0.111205286	0.866139465
0.37	0.115952636	6.963042666	0.111775073	0.873724737
0.37	0.115826854	6.944715047	0.11190219	0.875286153
0.37	0.115536261	6.936310071	0.111949431	0.875854142
0.37	0.108976751	6.613439937	0.113823441	0.901144373
0.37	0.061063564	4.090718364	0.128686447	1.101213927
0.37	0.04346591	2.959641704	0.135481795	1.192031608
0.37	0.041472521	2.777029739	0.136785155	1.208562619
0.37	0.047287272	3.063832384	0.135345152	1.188111512
0.37	0.03768789	2.593716171	0.137736225	1.221831862
0.37	0.030324964	2.168686011	0.140217804	1.255270872
0.37	0.034875267	2.363709542	0.139503711	1.24380613
0.37	0.04152145	2.724747593	0.137440445	1.21574208
0.37	0.042507023	2.812571948	0.136740811	1.207062935
0.37	0.047292793	3.065086518	0.135334113	1.187742811
0.37	0.054874394	3.478697728	0.132908939	1.154985604
0.37	0.068491501	4.204724168	0.12861573	1.097148169
0.37	0.071940331	4.464925108	0.126919011	1.07492097
0.37	0.044922948	3.072131046	0.134750265	1.182017037
0.37	0.038448916	2.625819786	0.137572181	1.219177446
0.37	0.041966878	2.773517055	0.137014731	1.210298377
0.37	0.049331912	3.163135101	0.134787317	1.179887324
0.37	0.060592561	3.775022468	0.131194821	1.131263722
0.37	0.073353506	4.485524354	0.12691695	1.073788153
0.37	0.048007788	3.243350561	0.133787515	1.168364664
0.37	0.038020912	2.616801069	0.137555869	1.218810313
0.37	0.038061078	2.569998904	0.138069295	1.224628424
0.37	0.04266966	2.805468947	0.136877425	1.207586715
0.37	0.035344828	2.450307611	0.138622075	1.232587779
0.37	0.029925001	2.135672837	0.140454734	1.257379492
0.37	0.031998951	2.213930147	0.140302952	1.253899294
0.37	0.037817621	2.518368588	0.13863188	1.230638153
0.37	0.043976981	2.865061239	0.136562105	1.202611688
0.37	0.052393584	3.327948903	0.133822575	1.165407942
0.37	0.062593444	3.894110718	0.130435447	1.119558804
0.37	0.073867395	4.516730241	0.126653169	1.068584482
0.37	0.084899035	5.126678329	0.122950629	1.018634599
0.37	0.093743592	5.62816212	0.119899615	0.977438748
0.37	0.100070314	5.998840863	0.11761248	0.946607447
0.37	0.104489162	6.254132897	0.116012171	0.925044062
0.37	0.107283513	6.419446479	0.11497771	0.910986306
0.37	0.108035834	6.475482511	0.114599143	0.905772489
0.37	0.108057288	6.478975586	0.114551863	0.904953243

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.11079729	6.608930201	0.113778816	0.894162828
0.37	0.115502378	6.846990697	0.112320318	0.874255547
0.37	0.118824688	7.044745522	0.111096143	0.857540576
0.37	0.116035962	6.941791811	0.111634622	0.864847935
0.37	0.109265062	6.577957506	0.113791905	0.893832313
0.37	0.111162146	6.624086082	0.113603866	0.890536405
0.37	0.11502841	6.818971951	0.112421879	0.87431425
0.37	0.115517666	6.867770714	0.112080999	0.869664623
0.37	0.11879748	7.018864751	0.111164739	0.857019119
0.37	0.123373524	7.260984689	0.109682491	0.836785414
0.37	0.126476844	7.426852353	0.1085859	0.822097602
0.37	0.128056743	7.531995112	0.107915323	0.812909399
0.37	0.129030626	7.592509302	0.107539253	0.807587671
0.37	0.127615774	7.541157885	0.107815774	0.811199867
0.37	0.119074016	7.12257584	0.110327592	0.845036263
0.37	0.08236638	5.24401753	0.121708272	0.999202133
0.37	0.079172106	4.884926372	0.124067159	1.030099419
0.37	0.093508093	5.555971086	0.120176238	0.97613616
0.37	0.111842685	6.511826075	0.114324094	0.896665026
0.37	0.121897925	7.111369268	0.110543174	0.845794869
0.37	0.127904746	7.464636919	0.108276883	0.815353885
0.37	0.13083042	7.641720802	0.107116583	0.799727898
0.37	0.133441631	7.786373108	0.106187493	0.787060938
0.37	0.134903737	7.863152351	0.105656059	0.779845228
0.37	0.136387475	7.949565566	0.105098867	0.772123608
0.37	0.134887183	7.898609081	0.10538476	0.775807734
0.37	0.130307668	7.671881059	0.106752487	0.794103937
0.37	0.127564914	7.499691978	0.107832721	0.808292264
0.37	0.131107129	7.646774247	0.106970282	0.796091848
0.37	0.120308906	7.17411648	0.109797567	0.834488812
0.37	0.097620473	5.997380791	0.117017709	0.932276698
0.37	0.099068545	5.926494166	0.117638802	0.939496287
0.37	0.115337662	6.687907817	0.113016716	0.876071103
0.37	0.125623447	7.278765076	0.109289711	0.825661394
0.37	0.130739356	7.582593254	0.107288376	0.798853967
0.37	0.13505404	7.807745648	0.105823113	0.779044383
0.37	0.138386188	7.994149627	0.104604707	0.762544244
0.37	0.14061085	8.127753129	0.103734246	0.750648237
0.37	0.139872633	8.12427775	0.103702638	0.750149571
0.37	0.128971661	7.611753109	0.106839122	0.79252268
0.37	0.115813097	6.905691622	0.1112914	0.852250848
0.37	0.128471056	7.394017826	0.108397542	0.8118933
0.37	0.136751297	7.866654734	0.105344981	0.770772364
0.37	0.113992367	6.877058434	0.111382352	0.85307573
0.37	0.095543312	5.828473449	0.117933419	0.941812665
0.37	0.113041697	6.534684116	0.113831424	0.884242664
0.37	0.131887006	7.501388133	0.107688972	0.801169468
0.37	0.139343618	7.971151533	0.104582224	0.759753472
0.37	0.144855593	8.26569241	0.102617551	0.733524187
0.37	0.147750385	8.441407731	0.101426038	0.717625474

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.150229859	8.575071064	0.100541715	0.705662232
0.37	0.152995515	8.707297185	0.099652117	0.693677103
0.37	0.155646653	8.843679943	0.098734512	0.681318004
0.37	0.158630208	8.985184826	0.097778417	0.668464648
0.37	0.161483694	9.131218663	0.096789791	0.655186253
0.37	0.164710494	9.282916521	0.095758135	0.641358103
0.37	0.16779396	9.439665483	0.094689844	0.627053644
0.37	0.171045172	9.60286473	0.093575155	0.612149099
0.37	0.171010831	9.625868483	0.093348751	0.60923125
0.37	0.17093002	9.620547038	0.093346576	0.609085891
0.37	0.120885802	7.364873284	0.107840713	0.804089846
0.37	0.124944606	7.206277521	0.109144162	0.819720303
0.37	0.141925272	7.988992654	0.104207508	0.752363444
0.37	0.142636376	8.144130898	0.103003462	0.736970983
0.37	0.143463666	8.183528553	0.1027054	0.732918928
0.37	0.144329129	8.224365438	0.102417729	0.728911675
0.37	0.145208986	8.265421404	0.102123167	0.724832931
0.37	0.146100484	8.307011229	0.101824502	0.720706037
0.37	0.147003636	8.349080192	0.101521963	0.716529184
0.37	0.14791847	8.391620063	0.10121552	0.712301073
0.37	0.14884518	8.434641127	0.100905115	0.708020929
0.37	0.149783993	8.478152808	0.100590676	0.703687835
0.37	0.150735146	8.522164584	0.100272123	0.699300833
0.37	0.151698885	8.566686149	0.099949377	0.694858936
0.37	0.152675461	8.611727451	0.099622352	0.690361134
0.37	0.153665134	8.657298707	0.099290963	0.68580639
0.37	0.154668168	8.703410411	0.098955124	0.681193642
0.37	0.155684836	8.750073343	0.098614742	0.676521804
0.37	0.15671542	8.797298582	0.098269726	0.67178976
0.37	0.157760207	8.845097512	0.097919981	0.666996367
0.37	0.158819494	8.893481834	0.097565408	0.662140454
0.37	0.159893585	8.942463576	0.097205907	0.657220818
0.37	0.160982793	8.992055107	0.096841375	0.652236229
0.37	0.16208744	9.042269143	0.096471705	0.647185421
0.37	0.163207858	9.093118764	0.096096788	0.642067098
0.37	0.164344387	9.144617425	0.095716512	0.63687993
0.37	0.16549738	9.196778969	0.095330761	0.631622551
0.37	0.166667195	9.249617638	0.094939416	0.62629356
0.37	0.167854206	9.30314809	0.094542354	0.620891518
0.37	0.169017471	9.357491141	0.094140436	0.615421658
0.37	0.16980353	9.400380931	0.09381816	0.611006324
0.37	0.169640253	9.403848417	0.093757675	0.610104164
0.37	0.165074342	9.19108732	0.095119307	0.628340005
0.37	0.167814076	9.267976483	0.094649933	0.621495206
0.37	0.169496949	9.361707931	0.093984455	0.612514461
0.37	0.168949507	9.347372517	0.094022837	0.613041688
0.37	0.171829026	9.450530343	0.093316904	0.603354795
0.37	0.173572662	9.544799543	0.092624691	0.594111011
0.37	0.175013242	9.608965008	0.092139597	0.587718879
0.37	0.175905689	9.65626431	0.091792067	0.583076784

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.176506006	9.68885303	0.091552487	0.579836199
0.37	0.176865086	9.705256203	0.091417926	0.578011782
0.37	0.177205589	9.718880732	0.091303123	0.57643955
0.37	0.177528473	9.732739561	0.09119042	0.574879542
0.37	0.17775007	9.74417994	0.091097245	0.573567722
0.37	0.177713844	9.744515613	0.091077897	0.573246127
0.37	0.174971373	9.639585186	0.091777286	0.582502909
0.37	0.173597017	9.56585769	0.092299821	0.589208907
0.37	0.171938267	9.476563672	0.092898196	0.597071444
0.37	0.17107339	9.421046934	0.093273481	0.601916238
0.37	0.172043235	9.449188338	0.093087558	0.599249422
0.37	0.172747619	9.479916268	0.09285441	0.596115741
0.37	0.174874279	9.572835952	0.092210898	0.587435752
0.37	0.175013134	9.602064118	0.091971267	0.58431773
0.37	0.173219355	9.525513225	0.092463949	0.590895252
0.37	0.173314435	9.507993781	0.092593943	0.59241124
0.37	0.174965402	9.569973419	0.092164422	0.586557275
0.37	0.17560297	9.606824755	0.091878968	0.582786588
0.37	0.176987366	9.662412739	0.091480122	0.57741653
0.37	0.178014017	9.714727524	0.09109256	0.572262539
0.37	0.178570299	9.746123314	0.090856795	0.569094226
0.37	0.179088801	9.770799975	0.090670655	0.566560412
0.37	0.179195313	9.778783221	0.090595405	0.565521931
0.37	0.179035946	9.768665871	0.090644485	0.566128432
0.37	0.179405274	9.780797556	0.090554393	0.564813324
0.37	0.179738991	9.795847014	0.090438105	0.563192651
0.37	0.179533237	9.800215203	0.090396583	0.562564004
0.37	0.177473625	9.710836233	0.090989774	0.570425872
0.37	0.175338451	9.611281511	0.091688788	0.579665966
0.37	0.171775207	9.455240377	0.092780776	0.594176336
0.37	0.169906339	9.34177617	0.093601431	0.604947783
0.37	0.173500003	9.462692342	0.092823527	0.59435172
0.37	0.175914773	9.593154725	0.091900305	0.582282883
0.37	0.17724179	9.667034567	0.091370386	0.57543393
0.37	0.177551199	9.699661725	0.091133994	0.572432745
0.37	0.175439712	9.618393426	0.091680084	0.57984998
0.37	0.173203655	9.524458638	0.092352126	0.58872101
0.37	0.167413149	9.273658481	0.094078364	0.61177068
0.37	0.160650798	8.937998832	0.09640786	0.642734058
0.37	0.165186533	9.069497091	0.095636303	0.631785261
0.37	0.169562272	9.284019332	0.094142723	0.612071155
0.37	0.170818072	9.368422193	0.093519628	0.604093479
0.37	0.174154183	9.504378352	0.092584777	0.591714129
0.37	0.175873929	9.607379666	0.091853241	0.582191627
0.37	0.176882249	9.6636713	0.091455825	0.577052938
0.37	0.177917034	9.712022962	0.091120729	0.572686735
0.37	0.178589537	9.748967701	0.090860681	0.569337899
0.37	0.17914674	9.77856777	0.09065766	0.566716237
0.37	0.179477442	9.796192616	0.090534288	0.565162458
0.37	0.179770878	9.811735649	0.090428965	0.563828026

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.179956853	9.822054273	0.090360356	0.562979802
0.37	0.180220784	9.835230692	0.090274981	0.56189356
0.37	0.180363896	9.845445939	0.09021008	0.561082704
0.37	0.180337408	9.848052373	0.090198004	0.560971243
0.37	0.180157513	9.840998481	0.090251217	0.561728716
0.37	0.18017917	9.841431412	0.090258087	0.561842637
0.37	0.179962106	9.839001231	0.090284899	0.562229043
0.37	0.179152711	9.802587284	0.090537917	0.565652472
0.37	0.179162134	9.795581284	0.090601433	0.56647971
0.37	0.179755754	9.778037366	0.090524134	0.563403291
0.37	0.180214693	9.79301336	0.090343175	0.560685855
0.37	0.180508471	9.810806344	0.090204116	0.55900708
0.37	0.180642972	9.820713729	0.090119322	0.558050823
0.37	0.180645287	9.824270063	0.090103747	0.557988081
0.37	0.180551685	9.825889171	0.090110613	0.55820216
0.37	0.179943292	9.808725169	0.090243934	0.560114531
0.37	0.177285861	9.690338667	0.091067221	0.571242162
0.37	0.179642304	9.765013748	0.090622241	0.565143703
0.37	0.179817209	9.798061214	0.090381343	0.562241463
0.37	0.178990408	9.766512504	0.090603593	0.565388598
0.37	0.179320672	9.774695825	0.090579767	0.565109807
0.37	0.179826796	9.799085873	0.090428123	0.563229343
0.37	0.179873162	9.820548283	0.090295323	0.561608357
0.37	0.174639366	9.616522348	0.091693653	0.580476359
0.37	0.173256655	9.513377603	0.092477518	0.590695247
0.37	0.174971025	9.567009325	0.092151126	0.58632813
0.37	0.17761851	9.687464477	0.091342772	0.575703744
0.37	0.178830623	9.75915809	0.090837166	0.569279376
0.37	0.179505509	9.801513658	0.090551102	0.565681439
0.37	0.179165042	9.823702825	0.09044355	0.564296814
0.37	0.176152387	9.686973597	0.09138014	0.576984317
0.37	0.17647164	9.658817981	0.091599307	0.579912778
0.37	0.178642826	9.757418508	0.090959168	0.571440705
0.37	0.179657595	9.818312437	0.090540717	0.566129592
0.37	0.180196833	9.853657066	0.090308592	0.563226342
0.37	0.180512049	9.874470956	0.090183604	0.561710934
0.37	0.180648174	9.886936581	0.090116266	0.560954554
0.37	0.180632351	9.891080948	0.09010866	0.560981036
0.37	0.180618019	9.894281825	0.090109962	0.561112044
0.37	0.180528842	9.893153344	0.09013943	0.561622876
0.37	0.180639299	9.90376618	0.090123339	0.561678617
0.37	0.180782975	9.921044055	0.090072004	0.56131066
0.37	0.180805477	9.933576904	0.090053622	0.561385789
0.37	0.180805747	9.943889769	0.090051549	0.561665061
0.37	0.180805847	9.954206262	0.090051385	0.561963846
0.37	0.180788906	9.963991263	0.090055828	0.562320105
0.37	0.180786334	9.974268651	0.090057884	0.562637696
0.37	0.180786863	9.984985357	0.090058045	0.562928069
0.37	0.180787881	9.99594442	0.09005793	0.563213612
0.37	0.180790844	10.00718638	0.090056938	0.563484166

Thickness (m)	Retention Time (days)	TN (mg/L)	TP (mg/L)	BOD5 (mg/L)
0.37	0.180789849	10.01829948	0.090057466	0.5637725
0.37	0.180799884	10.03001338	0.0900549	0.564015488
0.37	0.180803283	10.04167742	0.090053163	0.564267192
0.37	0.18080277	10.05321955	0.090052847	0.564534332
0.37	0.180797695	10.06451285	0.090054573	0.564825723
0.37	0.180800346	10.07621883	0.09005413	0.565084214
0.37	0.180796122	10.08764266	0.090055603	0.565366317
0.37	0.18080675	10.09970408	0.090053329	0.565594367
0.37	0.180811882	10.11182115	0.090050733	0.565815906
0.37	0.180802694	10.12320756	0.090052882	0.566098219
0.37	0.180799784	10.13470631	0.090054517	0.566369534
0.37	0.180797241	10.14626036	0.090055648	0.566631606
0.37	0.180797341	10.15793594	0.090055882	0.566878762
0.37	0.180795599	10.16946942	0.090056743	0.567131888
0.37	0.180761254	10.18143174	0.090055796	0.567353303
0.37	0.180499381	10.17897028	0.090142869	0.568765702
0.37	0.180783728	10.20001352	0.090086497	0.568300268
0.37	0.180807957	10.21581178	0.090055819	0.56833722
0.37	0.180811206	10.22768256	0.090052303	0.568754862

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.003229395	0	8.3	8.3
0.017326838	0	20.5862623	8.392990118
0.015437426	0	23.26352434	21.10036287
0.008455236	0	16.50511629	22.2084721
0.005530192	0	13.11154422	20.27507645
0.005017526	0	13.65057117	18.46252648
0.005017716	0	17.93955991	17.4908493
0.004942076	0	16.78032633	17.56610382
0.00490534	0	16.38911414	17.45306773
0.004932404	0	17.36756043	17.31935794
0.004953142	0	17.51218285	17.32474827
0.004882075	0	15.31637951	17.3435485
0.004764139	0	12.56539112	17.15804153
0.004809071	0	14.60512406	16.77411409
0.004908892	0	18.14732142	16.60669305
0.004972178	0	18.32757223	16.71748005
0.005013688	0	18.04958893	16.82485353
0.005070047	0	18.88885453	16.90203803
0.005165391	0	20.90615601	17.0190283
0.005312632	0	24.86426975	17.23732555
0.005369037	0	25.63552892	17.63988722
0.005388363	0	26.08302532	18.04726118
0.005401782	0	26.47678085	18.4470164
0.005410502	0	26.70587239	18.82033559
0.005413664	0	26.60079099	19.17090892
0.005418308	0	26.5348415	19.48051726
0.005424625	0	26.58479401	19.75600449
0.005434185	0	26.82810543	20.01300557
0.005440555	0	26.919686	20.25536396
0.005450069	0	27.18482175	20.49036068
0.005462099	0	27.71990139	20.72872811
0.005470224	0	28.08173706	20.97466713
0.005476306	0	28.36432097	21.19939241
0.005482757	0	28.58822391	21.41726832
0.005488494	0	28.74011158	21.62618074
0.005476073	0	26.64746557	21.84051598
0.005486985	0	26.29567652	21.97425224
0.00551486	0	27.75845108	22.09674875
0.005520433	0	28.26582913	22.25085559
0.005527068	0	28.63586102	22.42289056
0.005531828	0	28.88569949	22.57434634
0.005537867	0	29.07119466	22.72621801
0.005543639	0	29.05963087	22.88364512
0.005551602	0	28.93867507	23.04186266
0.005559803	0	28.8853679	23.17344898
0.005567842	0	28.83233	23.30271351
0.005577391	0	28.97672516	23.43475861
0.005583636	0	29.20980459	23.54123423
0.005590316	0	29.35402206	23.65856773
0.005598391	0	29.46563881	23.79372732

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.005605554	0	29.5823619	23.90958836
0.005611992	0	29.64172259	24.01482215
0.005619738	0	29.70150243	24.12384989
0.005627525	0	29.76280245	24.23088581
0.00563537	0	29.81163765	24.33547039
0.005644513	0	29.84170612	24.44627157
0.005652372	0	29.86000572	24.54079006
0.005661006	0	29.85694521	24.63553464
0.005668835	0	29.82200802	24.71906021
0.005678864	0	29.87071008	24.81152194
0.005688092	0	29.88746972	24.90238531
0.005696684	0	29.88379297	24.99010415
0.005706231	0	29.87736709	25.13257611
0.005715052	0	29.89376866	25.25704743
0.005723702	0	29.91063834	25.48479571
0.005732373	0	29.91408627	25.75949362
0.00574204	0	29.90532035	26.03024921
0.005750481	0	29.86122629	26.21390619
0.005760385	0	29.79495574	26.43264948
0.005771716	0	29.82909181	26.67376539
0.005780348	0	29.83106695	26.8739625
0.005789795	0	29.83356307	27.0841754
0.005798435	0	29.87552798	27.3133557
0.005808642	0	29.90780888	27.6249181
0.00581762	0	29.92319539	27.86794901
0.005826714	0	29.92623533	28.05612113
0.005836423	0	29.92960986	28.24815216
0.005846547	0	29.93018451	28.449656
0.005856589	0	29.93070644	28.62975719
0.005866691	0	29.9313058	28.77343274
0.005876796	0	29.93190445	28.85578843
0.00588547	0	29.9325045	28.91885018
0.005896369	0	29.87559675	28.98238755
0.005909553	0	29.46313265	29.03441724
0.006054126	0	27.84991681	29.08039984
0.006055689	0	28.25946903	29.09775531
0.006028592	0	29.25719095	29.12847037
0.006002015	0	29.4838496	29.17202211
0.005997049	0	28.63908506	29.21999597
0.006008038	0	28.5754251	29.25334303
0.006013775	0	28.56710588	29.27530914
0.006023732	0	27.54800303	29.2878555
0.00604298	0	27.21563266	29.27658098
0.006056208	0	27.95686363	29.25969343
0.006008594	0	28.02042389	29.2505841
0.005964731	0	28.37342404	29.24038694
0.005919248	0	28.48824436	29.26602597
0.005876628	0	28.80946337	29.3036847
0.005829792	0	29.25931968	29.32159557
0.005779811	0	29.50976657	29.33935209

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.005738361	0	29.67846207	29.35134543
0.005695347	0	29.76519772	29.36638695
0.005651988	0	29.82998812	29.37961988
0.005612294	0	29.72726837	29.39233434
0.005575459	0	29.6323995	29.40412967
0.005538513	0	29.73019685	29.41701181
0.005503881	0	29.57659516	29.43033227
0.005468369	0	29.48353123	29.43964142
0.005428093	0	29.58098509	29.44661032
0.005391638	0	29.77013094	29.45029309
0.005349222	0	29.87781108	29.45585746
0.005312444	0	29.91715079	29.46105134
0.005274707	0	29.94062551	29.465466
0.005235217	0	29.94628246	29.46971941
0.005199215	0	29.94623494	29.47275766
0.005163487	0	29.94662351	29.47519378
0.00512792	0	29.95040406	29.47791154
0.005092912	0	29.9510182	29.47908504
0.005057836	0	29.95467815	29.48054789
0.005023147	0	29.95851105	29.48175647
0.004988914	0	29.95904447	29.4839108
0.004954566	0	29.96270778	29.48581178
0.004923297	0	29.9665375	29.4867077
0.004891997	0	29.96388036	29.48846699
0.004854296	0	29.96765008	29.48962635
0.004767896	0	29.96508692	29.49047115
0.004677853	0	29.96885632	29.49117087
0.004592997	0	29.96950097	29.49266056
0.004507315	0	29.9668138	29.49331631
0.004423845	0	29.97065199	29.4960586
0.004342975	0	29.96808159	29.49942187
0.004262061	0	29.97185332	29.50132882
0.004182655	0	29.97249868	29.50360199
0.004104055	0	29.97625072	29.50468075
0.004018708	0	29.97464793	29.50721978
0.003957652	0	29.65229567	29.50778834
0.00389264	0	26.36848324	29.50131269
0.003832204	0	25.68738218	29.44281108
0.003756018	0	23.8393411	29.37284179
0.003683756	0	23.04361793	29.27187873
0.003595852	0	20.81183937	29.15756498
0.003492891	0	18.02506555	29.00641432
0.003412383	0	17.45128507	28.80316283
0.003358322	0	18.44908393	28.59798651
0.003311641	0	19.78980871	28.41375495
0.003277487	0	22.58138336	28.27746662
0.003228496	0	24.19134846	28.1831501
0.003164979	0	24.01896991	28.10262448
0.003108293	0	25.1610142	28.00939888
0.003048145	0	26.10173441	27.95154611

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.002986795	0	26.46437575	27.91122855
0.002927858	0	27.11761243	27.87512003
0.002868505	0	27.78526641	27.86795983
0.002808274	0	28.23113444	27.87631706
0.002749752	0	28.59228874	27.88243945
0.002708216	0	27.46420866	27.89150974
0.002666528	0	23.99279122	27.87632395
0.00261837	0	21.10476137	27.80214696
0.00253312	0	15.33343935	27.67348946
0.002489866	0	15.43602059	27.44053851
0.002460137	0	16.31004379	27.21374222
0.002431421	0	17.09076644	26.98483269
0.002400259	0	17.47089198	26.77552005
0.002369285	0	17.89614618	26.57716015
0.002337657	0	18.15656861	26.38270818
0.002293316	0	16.71817338	26.19175343
0.00223495	0	13.62971315	25.97402177
0.002186791	0	11.83935962	25.69288147
0.002168072	0	13.51186569	25.40211766
0.002151774	0	15.81395182	25.14745223
0.002123646	0	16.44941803	24.90250069
0.002104463	0	18.63396757	24.69063844
0.002074617	0	18.28626146	24.49440585
0.002048096	0	18.84711618	24.30345964
0.002027585	0	21.05076879	24.13566988
0.002003563	0	22.85502597	23.98824094
0.001956596	0	18.17883449	23.8709311
0.001922548	0	17.30980715	23.67638218
0.001891081	0	16.88260795	23.46380347
0.001865132	0	17.5357193	23.24176234
0.001838093	0	17.51699451	23.0420653
0.001807106	0	16.76655176	22.83429636
0.001778661	0	16.39823801	22.61777374
0.001730473	0	11.3967565	22.37171955
0.001709579	0	12.19012733	22.05393477
0.00171401	0	19.24670686	21.76766841
0.001696963	0	20.68255021	21.58031497
0.001672499	0	18.3071436	21.43293362
0.001656029	0	18.69961995	21.23320601
0.001642643	0	20.2419727	21.0484113
0.001630049	0	22.56961364	20.88694862
0.001613291	0	23.60640879	20.75931134
0.001595032	0	23.85025931	20.65258498
0.001577804	0	24.16818435	20.54990295
0.001560306	0	24.43698476	20.45634974
0.001544159	0	24.62585158	20.40539936
0.001527628	0	24.8484325	20.27017799
0.001511623	0	25.13508419	20.24930611
0.00149528	0	25.29861172	20.23822085
0.001479478	0	25.44773665	20.26122678

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.001462632	0	24.66816252	20.30162107
0.001446031	0	23.3989616	20.36706991
0.001430581	0	22.74668918	20.45634069
0.001417352	0	23.65792611	20.54331729
0.001402802	0	24.81557141	20.63076558
0.001387071	0	25.25986156	20.71418645
0.001371287	0	25.50261159	20.75930924
0.001355592	0	25.60892538	20.78450543
0.001341859	0	25.67784518	20.80703564
0.001326659	0	25.83781718	20.81470407
0.001312441	0	25.97303211	20.81265129
0.00129824	0	26.13465715	20.80684572
0.001284941	0	26.23748897	20.79145699
0.00127213	0	26.26255715	20.76508524
0.001256329	0	21.21012733	20.73181383
0.001242283	0	19.02987401	20.61071227
0.001237255	0	18.43808355	20.46345124
0.001232068	0	18.0699311	20.37044417
0.001227977	0	18.31387549	20.32009672
0.001224828	0	19.58867532	20.36940237
0.001221056	0	21.32049385	20.43817341
0.001216795	0	23.42101748	20.52387179
0.001209589	0	22.28635801	20.62773742
0.00120149	0	18.5363861	20.70813724
0.001197243	0	18.44416438	20.71846688
0.001195971	0	21.06440222	20.7238388
0.001191893	0	23.45584099	20.8002865
0.001185513	0	23.01392239	20.96138354
0.001179477	0	22.41321961	21.14712017
0.001175209	0	22.75409148	21.29541121
0.001170758	0	23.5515576	21.41077973
0.001165852	0	24.34248654	21.5301866
0.001159909	0	24.70449234	21.63921944
0.001155413	0	24.79844281	21.73244227
0.001150515	0	25.01766342	21.83432047
0.00114597	0	25.29843913	21.89674509
0.001141213	0	25.47142778	21.93703951
0.001135371	0	22.76419062	22.05810015
0.001125041	0	14.53193004	22.14883784
0.001118105	0	12.42901548	22.10801881
0.001119936	0	14.57163467	22.01878162
0.001118119	0	15.91449755	21.97454426
0.001117859	0	19.61462049	21.96057667
0.001110544	0	19.20173882	22.0152453
0.001105152	0	19.76427664	22.14519944
0.001100964	0	21.3314637	22.27146566
0.001095681	0	21.18018936	22.30637604
0.001101768	0	20.65401547	22.31462183
0.001109685	0	20.93653341	22.35366015
0.001117872	0	21.84398916	22.39072078

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.001125697	0	22.82950111	22.41719429
0.001133602	0	23.2739283	22.42123401
0.001140495	0	23.26819969	22.41607206
0.001147962	0	22.96679711	22.40651642
0.001156031	0	23.37401444	22.38860437
0.001164173	0	24.14704109	22.37413953
0.001172493	0	24.72479332	22.3637401
0.001179064	0	24.38610203	22.36275494
0.001187522	0	24.21212301	22.34819629
0.001196516	0	24.23482157	22.32786013
0.001203508	0	24.22551146	22.30932278
0.001210881	0	23.48753151	22.30208717
0.001215547	0	17.99593458	22.3031148
0.001223066	0	16.58558431	22.22299189
0.001232823	0	17.0932583	22.10569543
0.001243639	0	18.29513951	21.97828451
0.001247978	0	16.32903894	21.86378067
0.00125532	0	15.5675996	21.71623819
0.001267751	0	17.07936209	21.5562349
0.001277546	0	17.95827604	21.40418784
0.001284725	0	17.52096038	21.28230527
0.001294522	0	18.22617263	21.14169989
0.001304144	0	19.10913174	21.01327791
0.001314418	0	20.63680315	20.88577815
0.001322213	0	20.38615839	20.78072622
0.001324677	0	16.53790622	20.7665383
0.001334257	0	16.49753765	20.7243612
0.001346301	0	17.60710203	20.69187778
0.001367224	0	18.62143807	20.68326332
0.001388528	0	19.86234733	20.68992303
0.001409417	0	20.99950552	20.69445914
0.001421717	0	16.94863227	20.68884463
0.001440635	0	16.27952215	20.58253576
0.001463416	0	16.91734128	20.48104547
0.00148691	0	17.80992786	20.45395035
0.001502982	0	16.1995203	20.44328461
0.001522747	0	15.6549125	20.36126962
0.001547609	0	16.55541453	20.23491263
0.001572283	0	17.54929675	20.12564672
0.001595961	0	18.11122669	20.04543303
0.001620822	0	18.98499036	19.967038
0.00164603	0	19.94829744	19.89136171
0.001671291	0	20.92449672	19.82027941
0.001697062	0	21.82379507	19.77737063
0.001722676	0	22.49938901	19.70773294
0.001747477	0	22.98732856	19.67493416
0.00177275	0	23.32200108	19.62769295
0.001798677	0	23.53382911	19.58944222
0.001823835	0	23.55571523	19.60597683
0.001849204	0	23.53156992	19.75376352

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.00187613	0	23.84530191	19.93655337
0.001904054	0	24.31438755	20.09485602
0.001931613	0	24.61463944	20.23359661
0.001957615	0	24.24883232	20.31656763
0.001985292	0	23.48789443	20.40343774
0.002013249	0	23.84963743	20.46069424
0.002036338	0	24.26017141	20.50716761
0.00205531	0	24.23955566	20.55555562
0.002077477	0	24.57434993	20.6159052
0.002099017	0	25.03910741	20.67511237
0.002122352	0	25.26805178	20.73359616
0.002141531	0	25.41725492	20.76946818
0.002163308	0	25.49928121	20.81286654
0.002185002	0	25.34937892	20.84529312
0.002204995	0	24.43145699	20.88524007
0.002216668	0	20.42075324	20.89949064
0.002240012	0	20.6990273	20.83720674
0.002271364	0	22.65475832	20.78080257
0.002300178	0	24.37302045	20.74091598
0.002324095	0	25.03870248	20.75151346
0.002347506	0	25.48171849	20.77593628
0.002370856	0	25.68648462	20.78242548
0.002394375	0	25.92685979	20.82051272
0.002419812	0	26.0227214	20.96675295
0.002441356	0	26.18613057	21.10415726
0.002465876	0	26.02255437	21.25796607
0.00248974	0	25.54229307	21.38690137
0.002515289	0	25.28603822	21.54190366
0.002541953	0	25.73378867	21.70037475
0.002563677	0	24.5431494	21.84418531
0.002582109	0	22.13161119	21.95370444
0.002611929	0	22.70725529	22.02916959
0.002646031	0	24.57366786	22.10610933
0.002673633	0	25.38078311	22.19727922
0.002699612	0	25.72005803	22.27830501
0.002727002	0	26.07725388	22.37860263
0.002752975	0	26.38421884	22.53459548
0.00277966	0	26.59417909	22.69110196
0.002806917	0	26.51794084	22.84069011
0.002832545	0	25.3572129	22.96890777
0.002860261	0	24.02950144	23.06064943
0.002897052	0	25.62134651	23.11239019
0.002925478	0	26.35267331	23.25614946
0.002946189	0	23.81591031	23.42455213
0.002968244	0	21.96640495	23.5376536
0.003012779	0	24.40256527	23.60878512
0.003046329	0	26.10121399	23.74897316
0.003073191	0	26.55292461	23.92417141
0.00310254	0	26.99389555	24.10228783
0.00312909	0	27.24832747	24.25089962

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.003157677	0	27.47496836	24.39812779
0.003188241	0	27.71898008	24.54383728
0.003216653	0	27.97263394	24.66890586
0.0032474	0	28.23681221	24.78999096
0.003275772	0	28.5100397	24.8913525
0.00330655	0	28.79504255	24.9950994
0.003334784	0	29.09019359	25.08914917
0.003365423	0	29.39907139	25.18851
0.003396461	0	29.38286604	25.28816809
0.003425702	0	29.37605787	25.37652557
0.003463904	0	24.33676112	25.47497884
0.003512656	0	25.0865638	25.48382373
0.003551161	0	26.93019236	25.49667629
0.003581824	0	26.78521059	25.54070742
0.003614116	0	26.83193368	25.58239097
0.003648246	0	26.91315787	25.63392246
0.003682527	0	26.99483339	25.68869211
0.003716063	0	27.07747111	25.73141092
0.003749844	0	27.16114365	25.78127767
0.003783868	0	27.2458807	25.82319672
0.003818134	0	27.33170688	25.86044261
0.003852642	0	27.41864408	25.8927679
0.003887392	0	27.50671419	25.92844159
0.003922383	0	27.59593955	25.96256486
0.003957616	0	27.68634308	26.00182311
0.003993088	0	27.77794831	26.06416995
0.004028801	0	27.8707794	26.18403532
0.004064753	0	27.96486116	26.30254375
0.004100942	0	28.06021906	26.38728765
0.004137369	0	28.15687928	26.44704207
0.004174032	0	28.25486872	26.498459
0.004210929	0	28.35421503	26.5442019
0.00424806	0	28.45494661	26.58836721
0.004285421	0	28.55709267	26.63097209
0.004323012	0	28.66068326	26.67194216
0.004360831	0	28.76574925	26.71609863
0.004398875	0	28.87232244	26.76265933
0.004437142	0	28.98043552	26.81868776
0.004475628	0	29.09012212	26.8791813
0.004514378	0	29.20172309	26.9390292
0.004552513	0	29.28619144	27.01845757
0.004589648	0	29.28266703	27.12651741
0.004636669	0	28.78578673	27.24357602
0.004678576	0	29.08869367	27.30719246
0.004716197	0	29.2691042	27.36747845
0.004757096	0	29.19931132	27.42521266
0.004800788	0	29.46637435	27.47856513
0.004836669	0	29.64422071	27.52766296
0.004859106	0	29.75885566	27.58869146
0.004878403	0	29.84654976	27.64271175

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.004898344	0	29.90737869	27.71544121
0.004921752	0	29.9367592	27.81741171
0.004944026	0	29.9668442	27.88939407
0.00496604	0	29.9983428	27.95694209
0.004987491	0	30.02412265	28.05935828
0.005007446	0	30.02417904	28.1766683
0.00503536	0	29.77833762	28.27768765
0.005062594	0	29.65896835	28.33700947
0.005085804	0	29.48197459	28.38167192
0.005112431	0	29.39596826	28.42237329
0.005137429	0	29.49383443	28.46247813
0.00515864	0	29.55502813	28.49590889
0.005179072	0	29.76890183	28.52458968
0.005201317	0	29.79643912	28.55714526
0.005224428	0	29.60492678	28.58101398
0.005251361	0	29.60651125	28.60038868
0.00527667	0	29.76648262	28.61549526
0.005296388	0	29.82736407	28.62565681
0.005320153	0	29.94912254	28.63488547
0.005341527	0	30.05210236	28.64470368
0.00536249	0	30.10805477	28.65810536
0.005385674	0	30.15801399	28.7513969
0.005409828	0	30.17006167	28.83488796
0.005436184	0	30.14605582	28.8925236
0.00545843	0	30.18524703	28.93495211
0.00548398	0	30.2195689	28.99661268
0.005508812	0	30.22694157	29.05239015
0.005532918	0	30.01358258	29.10160224
0.005525357	0	29.81692098	29.15097623
0.005518568	0	29.48568802	29.19640913
0.005513022	0	29.28638858	29.23208292
0.005500318	0	29.63072596	29.26679682
0.005482264	0	29.87698541	29.30236692
0.005464689	0	29.99393059	29.34549277
0.005451003	0	30.03902961	29.38313524
0.005440672	0	29.82683222	29.42070878
0.005432742	0	29.6418618	29.45592362
0.005428182	0	29.08322192	29.48454279
0.005427171	0	28.40017636	29.50303135
0.005420837	0	28.88298215	29.50902555
0.005401237	0	29.31346992	29.52129962
0.005383096	0	29.41181867	29.53953351
0.005365938	0	29.70128661	29.55952973
0.005349887	0	29.88035311	29.5785048
0.005334619	0	29.96807738	29.60141073
0.005320033	0	30.05858771	29.62481136
0.005306694	0	30.12372577	29.6458845
0.005293645	0	30.17700179	29.66689352
0.005279976	0	30.204814	29.68860858
0.005267341	0	30.23323011	29.70772358

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.005255207	0	30.24935744	29.72506232
0.005242959	0	30.2753814	29.7421845
0.00523101	0	30.29238589	29.76022215
0.005219693	0	30.2927245	29.78088457
0.005208467	0	30.27313015	29.80319132
0.005197114	0	30.27684531	29.8209292
0.005185605	0	30.26908998	29.83840185
0.005175407	0	30.18143043	29.85069889
0.005166113	0	30.18144476	29.85954036
0.005887205	0	30.23943439	29.86617242
0.005848008	0	30.28232327	29.87343752
0.005807268	0	30.3114586	29.87949801
0.005761852	0	30.32379081	29.88652612
0.005722123	0	30.32450611	29.89276357
0.005684023	0	30.32308646	29.89833209
0.005650115	0	30.27655369	29.90278983
0.005616583	0	29.99506925	29.90643622
0.005582252	0	30.23122467	29.90940662
0.005540321	0	30.26284346	29.91924427
0.005503183	0	30.16958973	29.93344019
0.005470567	0	30.20219285	29.94465335
0.005431215	0	30.25063	29.95680819
0.005395863	0	30.28647674	29.96836302
0.005362912	0	29.78157433	29.97710645
0.005338813	0	29.63000496	29.97657913
0.005303105	0	29.79780021	29.9774314
0.005263108	0	30.05322697	29.98037442
0.005222164	0	30.16244542	29.98516611
0.005187052	0	30.22851821	29.99097266
0.005149419	0	30.25852919	29.99616471
0.005120864	0	29.91698119	29.99915359
0.005088574	0	29.91157845	29.99571317
0.005055949	0	30.14991429	29.99215413
0.005014877	0	30.24098658	29.99224657
0.004982791	0	30.29472129	29.99391861
0.004945909	0	30.32293555	29.99556512
0.004912426	0	30.33814005	29.99775057
0.004880584	0	30.33658586	29.99996455
0.004848295	0	30.33678224	30.00492669
0.004810051	0	30.32663506	30.01376659
0.004718794	0	30.33526388	30.02807588
0.004642813	0	30.35240997	30.04365238
0.004557798	0	30.35538422	30.05534396
0.004474461	0	30.3556144	30.06403664
0.004393804	0	30.35616162	30.06990459
0.004308831	0	30.35512941	30.07595534
0.004225271	0	30.35539596	30.08545566
0.004146775	0	30.35602996	30.09821576
0.004070246	0	30.35663853	30.12080935
0.003995131	0	30.35757665	30.15175753

Un-ionized NH3 (mg/L)	Inorg. Deposition (kg/m2)	Inorg. Sed. (mg/L)	60-day avg. Inorg. Sed. (
0.003921397	0	30.3578491	30.17635974
0.003848839	0	30.3594209	30.19392456
0.003777566	0	30.36038472	30.20844459
0.003707486	0	30.36097777	30.21808479
0.003638596	0	30.36091542	30.22732012
0.003570781	0	30.36184212	30.23347537
0.003504175	0	30.3618072	30.23822803
0.003438574	0	30.36336934	30.24237676
0.003374141	0	30.36467498	30.24551718
0.003310861	0	30.36428766	30.24807607
0.003248556	0	30.36453216	30.25033487
0.003187315	0	30.36482939	30.25227048
0.00312709	0	30.36543958	30.25386377
0.003067905	0	30.36572204	30.25513093
0.003009685	0	30.3671858	30.25632107
0.002952011	0	30.33532197	30.25773958
0.00289295	0	30.36517256	30.25887483
0.00283762	0	30.36998445	30.26054226
0.002781885	0	30.3701309	30.26336439

Mean Volume (annual) (cu.

[illegible]

Mean Volume (annual) (cu.

[illegible]

Mean Volume (annual) (cu.

[illegible]

Mean Volume (annual) (cu.

[illegible]

Mean Volume (annual) (cu.

[illegible]

Mean Volume (annual) (cu.

[illegible]

Mean Volume (annual) (cu.

[illegible]

Mean Volume (annual) (cu.

[illegible]

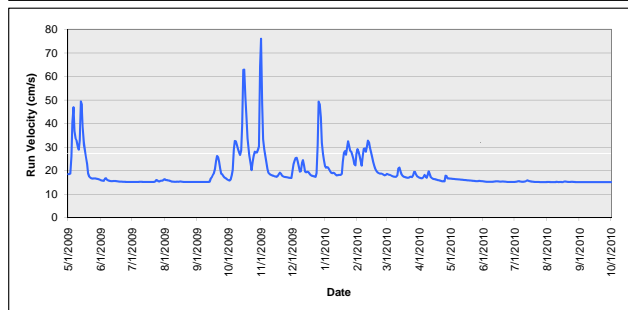
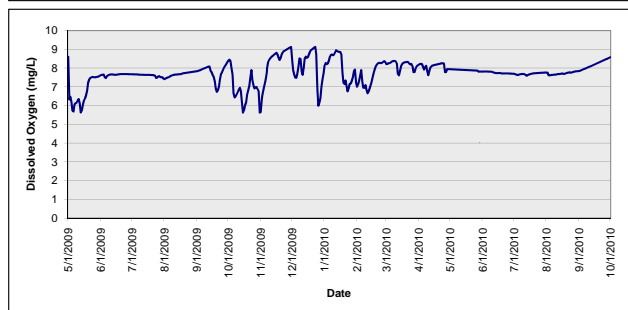
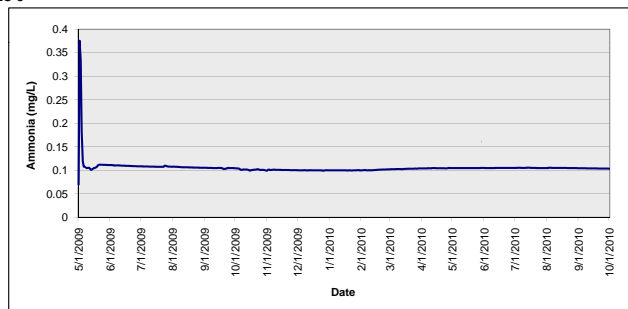
Mean Volume (annual) (cu.

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Mean Volume (annual) (cu.

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LC-3



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