

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF :)	
)	
PROPOSED AMENDMENTS TO CLEAN)	
CONSTRUCTION OR DEMOLITION)	R12-09
DEBRIS FILL OPERATIONS (CCDD))	(Rulemaking – Land)
AND UNCONTAMINATED SOIL)	
FILL OPERATIONS)	
PROPOSED AMENDMENTS TO 35 Ill.)	
Adm. Code 1100)	

POST HEARING COMMENTS OF STEVEN GOBELMAN
REGARDING THE POLLUTION CONTROL BOARD'S
PROPOSED AMENDMENTS TO SECTION 1100.205

Today I would like to comment on behalf of the Department that the Department would be in favor of raising the MAC table comparison to a pH of 6.25-6.64. It is the Department's experience that the average soil pH throughout the State is typically greater than 6. The Department has analyzed over 13,000 pH values that have been obtained along State Right-of-Way (ROW) in 48 Counties. A copy of all the pH values broken down by County is provided in Attachment 1.

These pH values were obtained during the Department's investigation of properties where soils are to be excavated as part of a future Departmental highway projects. The excavated soils were either classified as a special waste or uncontaminated soil. The Department considers uncontaminated soil to mean soils that do not exceed the most stringent value in the MAC table.

Of the 48 counties tested, only 9 of those counties had an average pH less than 6.25. These 9 counties, Edwards, Franklin, Marion, Massac, Monroe, Saline, St. Clair, Tazewell, and Warren currently do not contain any "Uncontaminated Soil" fill operations (USFO) or CCDD fill operations. A map showing the location of all the permitted CCDD disposal sites and USFO disposal sites is provided in Attachment 2.

Based on the information provided, the Department supports the stakeholder efforts to raise the minimum pH from 4.5 to 6.25. For assurances that acidic soils do not go into these soil fill operation, the Department would also support a proposal that no soil with a pH of less than 6.25 would not be allowed in non-limestone fill operations.

This concludes my portion of the Department's post hearing comments.

Respectfully submitted,

Illinois Department of
Transportation

By: *Steven Gobelman*

Steven Gobelman, P.E., P.G.
Geologic and Waste
Assessment Specialist

ATTACHMENT 1

pH Data

Soil pH
Summary

County or Location	District	# Samples	Minimum pH	Maximum pH	Arithmetic Average pH	Standard Deviation	Average pH Based on Average Hydrogen Ion Concentration
Statewide	N.A.	13,616	3.58	12.4	7.95	0.80	6.41
Adams	6	13	7.96	9.47	8.48	0.47	8.30
Boone	2	18	5.55	9.3	8.19	0.95	6.77
Brown	6	16	5.85	7.64	6.99	0.51	6.65
Bureau	3	35	7.27	9	8.17	0.41	8.02
Carroll	2	3	8.42	9.32	8.93	0.46	8.76
Champaign	5	35	5.93	8.14	7.33	0.70	6.77
Christian	6	50	5.92	8.12	7.43	0.58	6.91
Clinton	7	10	6.18	8.34	7.54	0.76	6.90
Cook	1	3,853	4.63	12.4	8.32	0.66	7.63
DeKalb	3	184	5.6	10.8	8.08	0.76	7.37
DuPage	1	888	5.99	11.6	8.04	0.52	7.72
Edwards	7	10	4.28	7.91	5.37	1.36	4.68
Ford	3	20	7.32	8.92	8.13	0.58	7.83
Franklin	9	12	4.65	8.27	6.63	1.24	5.39
Fulton	4	71	6.27	8.89	7.85	0.52	7.43
Grundy	3	114	5.6	9.14	7.90	0.60	7.27
Hancock	6	13	7.45	8.63	8.04	0.29	7.95
Henry	2	10	5.3	8.4	7.51	0.92	6.60
Kane	1	741	5.04	10.7	8.08	0.57	7.41
Kane & DuPage	1	137	6.4	9.7	8.06	0.52	7.70
Kankakee	3	259	5.68	8.97	7.62	0.53	7.19
Kendall	3	324	4.93	10.4	7.93	0.71	6.87
Knox	4	32	5.59	8.83	7.28	0.69	6.76
La Salle	3	21	6.4	9	7.73	0.73	7.70
Lake	1	952	5.91	11	8.14	0.53	7.73
Lee	2	11	7.24	9.03	8.14	0.44	7.93
Livingston	3	112	7.1	9.22	7.94	0.47	7.73
Logan	6	9	7.8	8.6	8.17	0.27	8.10
Madison	8	123	5.54	8.61	7.58	0.63	6.84
Marion	8	34	4.5	9	6.88	1.15	5.63
Masaac	9	23	4.17	7.84	6.00	1.10	5.03
McHenry	1	542	5.58	10.6	8.11	0.62	7.58
McLean	5	109	6.36	9.2	7.98	0.52	7.62
Monroe	8	88	4.55	8.51	7.04	1.04	5.71
Morgan	6	78	5.21	8.28	7.42	0.59	6.77
Ogle	2	23	7	8.5	7.78	0.40	7.60
Peoria	4	89	6.47	8.7	7.67	0.54	7.32
Rock Island	2	53	6.9	9.6	7.84	0.54	7.58
Saline	9	65	4.1	8.41	6.48	1.11	5.37
Sangamon	6	202	5.23	9.48	7.69	0.68	6.89
St. Clair	8	1,535	3.58	12.2	7.62	0.95	5.95
Stephenson	2	3	6.4	6.8	6.60	0.20	6.57

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Summary

County or Location	District	# Samples	Minimum pH	Maximum pH	Arithmetic Average pH	Standard Deviation	Average pH Based on Average Hydrogen Ion Concentration
Tazewell	4	97	4.35	8.8	7.48	0.96	5.84
Warren	4	9	4.8	9.3	7.07	1.29	5.68
Whiteside	2	46	5	9.72	7.85	0.94	6.40
Will	1	803	5.1	10	7.95	0.51	7.42
Williamson	9	4	7.86	8.04	7.95	0.07	7.95
Winnebago	2	92	5.28	9.13	7.94	0.68	7.08

Soil pH
Statewide

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
13615	3.58	12.4	0.7981	7.9510	3.92485E-07	6.406

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
6	Adams	5-7	11/19/2007	84	8.43	3.71535E-09
6	Adams	5-7	11/19/2007	84	8.26	5.49541E-09
6	Adams	10-12	11/19/2007	82	8.05	8.91251E-09
6	Adams	5-7	11/19/2007	81	8.87	1.34896E-09
6	Adams	5-7	11/19/2007	82	8.48	3.31131E-09
6	Adams	2-4	11/19/2007	80	9.47	3.38844E-10
6	Adams	3-5	11/19/2007	82	9.03	9.33254E-10
6	Adams	3-5	11/19/2007	80	8.04	9.12011E-09
6	Adams	3-5	11/19/2007	79	8.79	1.62181E-09
6	Adams	4-6	11/20/2007	80	8.73	1.86209E-09
6	Adams	13-15	11/20/2007	78	8.11	7.76247E-09
6	Adams	13-15	11/20/2007	83	7.98	1.04713E-08
6	Adams	12-14	11/20/2007	65	7.96	1.09648E-08
6	Adams & Pike Counties	0-4	2/7/2012	78.9	6.32	4.7863E-07
6	Adams & Pike Counties	0-2.5	2/7/2012	78.7	6.26	5.49541E-07
6	Adams & Pike Counties	0-4.5	2/7/2012	79	6.63	2.34423E-07
6	Adams & Pike Counties	0-4	2/7/2012	78.1	6.21	6.16595E-07
6	Adams & Pike Counties	0-4	2/7/2012	78	6.3	5.01187E-07
6	Adams & Pike Counties	1-3	2/7/2012	79.6	7.77	1.69824E-08
6	Adams & Pike Counties	0-1	2/7/2012	82.9	7.19	6.45654E-08
6	Adams & Pike Counties	2-4	2/7/2012	85.1	8.34	4.57088E-09
6	Adams & Pike Counties	2-4	2/7/2012	81.3	7.55	2.81838E-08
6	Adams & Pike Counties	2-4	2/7/2012	82.6	7.73	1.86209E-08
6	Adams & Pike Counties	2-4	2/7/2012	89	7.95	1.12202E-08
6	Adams & Pike Counties	1-3	2/7/2012	98.6	8.03	9.33254E-09
6	Adams & Pike Counties	4-6	2/7/2012	87.2	6.89	1.28825E-07
6	Adams & Pike Counties	0-4	2/7/2012	83.1	7.63	2.34423E-08
6	Adams & Pike Counties	0-4	2/7/2012	83.4	7.87	1.34896E-08
6	Adams & Pike Counties	0-4.5	2/7/2012	87.8	7.9	1.25893E-08
6	Adams & Pike Counties	0-1	2/7/2012	83.9	7.8	1.58489E-08
6	Adams & Pike Counties	0-3	2/7/2012	79.1	7.37	4.2658E-08
6	Adams & Pike Counties	0-3	2/7/2012	81.8	6.89	1.28825E-07
6	Adams & Pike Counties	0-2	2/7/2012	85.8	7.33	4.67735E-08
6	Adams & Pike Counties	0-2	2/7/2012	79.6	7.46	3.46737E-08
6	Adams & Pike Counties	0-1.5	2/7/2012	85.2	7.79	1.62181E-08
6	Adams & Pike Counties	0-1	2/7/2012	83.7	7.51	3.0903E-08
6	Adams & Pike Counties	0-4	2/8/2012	84.8	7.46	3.46737E-08
6	Adams & Pike Counties	0-3	2/8/2012	87.3	7.98	1.04713E-08
2	Boone	0-6	7/28/2010	85	7.44	3.63078E-08
2	Boone	0-6	7/28/2010	83	7.08	8.31764E-08
2	Boone	0-6	7/28/2010	79	7.5	3.16228E-08
2	Boone	9.5-10.5	7/28/2010	89	5.55	2.81838E-06
2	Boone	0-2	7/28/2010	87	8.44	3.63078E-09
2	Boone	0-2	7/28/2010	81	8.07	8.51138E-09
2	Boone	0-2	7/28/2010	81	8.1	7.94328E-09
2	Boone	0-2	7/28/2010	90	8.95	1.12202E-09
2	Boone	0-2	7/28/2010	84	8.91	1.23027E-09
2	Boone	0-5	7/28/2010	93	9.15	7.07946E-10
2	Boone	0-4	7/28/2010	75	8.84	1.44544E-09
2	Boone	0-2	7/28/2010	82	7.22	6.0256E-08
2	Boone	0-2	7/28/2010	81	8.54	2.88403E-09
2	Boone	0-2	7/28/2010	88	8.03	9.33254E-09
2	Boone	0-2	7/28/2010	81	8.42	3.80189E-09
2	Boone	0-2	7/28/2010	86	8.56	2.75423E-09
2	Boone	0-2	7/28/2010	89	9.3	5.01187E-10
2	Boone	0-2	7/28/2010	88	9.26	5.49541E-10
6	Brown	2-4	8/31/2009	79	7.51	3.0903E-08
6	Brown	0-2	8/31/2009	76	7.23	5.88844E-08
6	Brown	2-4	8/31/2009	79	6.91	1.23027E-07
6	Brown	2-4	8/31/2009	76	5.85	1.41254E-06
6	Brown	10-12	8/31/2009	79	6.68	2.0893E-07
6	Brown	6-8	8/31/2009	78	7.36	4.36516E-08
6	Brown	14-16	8/31/2009	80	6.79	1.62181E-07
6	Brown	0-2	9/1/2009	77	6.1	7.94328E-07
6	Brown	12-14	9/1/2009	80	6.46	3.46737E-07
6	Brown	6-8	9/1/2009	79	7.16	6.91831E-08
6	Brown	6-8	9/1/2009	79	7.38	4.16869E-08
6	Brown	8-10	9/1/2009	77	6.93	1.1749E-07
6	Brown	2-4	9/1/2009	75	7.64	2.29087E-08
6	Brown	6-8	9/1/2009	76	7.04	9.12011E-08
6	Brown	0-2	9/1/2009	79	7.53	2.95121E-08
6	Brown	8-10	9/1/2009	79	7.27	5.37032E-08
3	Bureau	0-2	3/15/2007	90.8	8.8	1.58489E-09
3	Bureau	0-2	3/15/2007	82.1	8.6	2.51189E-09
3	Bureau	0-2	3/15/2007	79.2	8	0.00000001

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Bureau	0-2	3/15/2007	80.4	8	0.00000001
3	Bureau	0-2	3/15/2007	82.4	7.7	1.99526E-08
3	Bureau	0-2	3/15/2007	85.5	9	0.000000001
3	Bureau	0-2	3/15/2007	82.2	8.8	1.58489E-09
3	Bureau	0-2	3/15/2007	82.2	8.5	3.16228E-09
3	Bureau	0-2	3/15/2007	78.1	8.3	5.01187E-09
3	Bureau	13-15	3/11/2008	89	8.5	3.16228E-09
3	Bureau	13-15	3/11/2008	86	8.2	6.30957E-09
3	Bureau	4-6	3/11/2008	79	9	0.000000001
3	Bureau	4-6	3/11/2008	80	8.9	1.25893E-09
3	Bureau	1-3	3/11/2008	82	7.8	1.58489E-08
3	Bureau	2-4	3/11/2008	80	8.7	1.99526E-09
3	Bureau	1-3	3/11/2008	82	8.3	5.01187E-09
3	Bureau	1.1-3.1	3/11/2008	77	7.5	3.16228E-08
3	Bureau	1.1-3.1	3/11/2008	79	8.4	3.98107E-09
3	Bureau	6-8	3/11/2008	80	8.2	6.30957E-09
3	Bureau	2-4	9/27/2011	81.2	7.94	1.14815E-08
3	Bureau	4-6	9/27/2011	76.9	7.63	2.34423E-08
3	Bureau	0-2	9/27/2011	79.9	7.95	1.12202E-08
3	Bureau	2-4	9/27/2011	86.5	7.83	1.47911E-08
3	Bureau	0-2	9/27/2011	82.5	8.5	3.16228E-09
3	Bureau	2-4	9/27/2011	78.8	8.52	3.01995E-09
3	Bureau	2-4	9/27/2011	77	8.53	2.95121E-09
3	Bureau	0-2	9/27/2011	80.3	8.27	5.37032E-09
3	Bureau	0-2	9/27/2011	81.9	7.73	1.86209E-08
3	Bureau	2-4	9/27/2011	91.6	7.95	1.12202E-08
3	Bureau	0-2	9/27/2011	80.3	7.66	2.18776E-08
3	Bureau	0-2	9/27/2011	80.3	7.8	1.58489E-08
3	Bureau	2-4	9/28/2011	86.3	8.28	5.24807E-09
3	Bureau	12-14	9/28/2011	85	7.87	1.34896E-08
3	Bureau	0-2	9/28/2011	82.6	8.54	2.88403E-09
3	Bureau	2-4	9/28/2011	87.9	8.06	8.70964E-09
3	Bureau	0-2	9/28/2011	83.7	8.08	8.31764E-09
3	Bureau	2-4	9/28/2011	82.6	7.67	2.13796E-08
3	Bureau	0-2	9/28/2011	84.5	8.73	1.86209E-09
3	Bureau	0-2	9/28/2011	85.1	8.15	7.07946E-09
3	Bureau	4-6	9/28/2011	79.1	7.95	1.12202E-08
3	Bureau	0-2	9/28/2011	76	8.04	9.12011E-09
3	Bureau	0-2	9/28/2011	85	7.27	5.37032E-09
3	Bureau	0-2	9/28/2011	88.5	8.34	4.57088E-09
3	Bureau	4-6	9/28/2011	85.6	8.18	6.60693E-09
3	Bureau	0-2	9/28/2011	82.4	8.77	1.69824E-09
2	Carroll	2.3-4.3	5/15/2008	92	8.42	3.80189E-09
2	Carroll	1-2	5/15/2008	87	9.05	8.91251E-10
2	Carroll	1-2	5/15/2008	95	9.32	4.7863E-10
5	Champaign County	0-2	4/28/2010	75.1	7.09	8.12831E-08
5	Champaign County	0-2	4/28/2010	76.2	6.31	4.89779E-07
5	Champaign County	0-2	4/28/2010	73.9	6.6	2.51189E-07
5	Champaign County	0-2	4/28/2010	75.6	6.23	5.88844E-07
5	Champaign County	0-2	4/28/2010	80.7	5.94	1.14815E-06
5	Champaign County	0-2	4/28/2010	81.9	5.93	1.1749E-06
5	Champaign County	0-2	4/28/2010	86	6.65	2.23872E-07
5	Champaign County	0-2	4/28/2010	84.8	7.77	1.69824E-08
5	Champaign County	0-2	4/28/2010	83.4	7.85	1.41254E-08
5	Champaign County	0-2	4/28/2010	79.3	6.3	5.01187E-07
5	Champaign County	0-2	4/28/2010	88.5	8	0.000000001
5	Champaign County	0-2	4/28/2010	77.9	6.91	1.23027E-07
5	Champaign County	0-2	4/28/2010	83.4	7.67	2.13796E-08
5	Champaign County	0-2	4/28/2010	85.3	7.74	1.8197E-08
5	Champaign County	0-2	4/28/2010	83.4	7.76	1.7378E-08
5	Champaign County	0-2	4/28/2010	81.4	7.22	6.0256E-08
5	Champaign County	0-2	4/28/2010	77.8	6.47	3.38844E-07
5	Champaign County	0-2	4/28/2010	73	6.83	1.47911E-07
5	Champaign County	0-2	4/28/2010	85.4	6.52	3.01995E-07
5	Champaign County	0-2	4/28/2010	84.6	6.77	1.69824E-07
5	Champaign County	0-2	4/29/2010	85.7	7.78	1.65959E-08
5	Champaign County	1-3	4/29/2010	86	7.7	1.99526E-08
5	Champaign County	1-3	4/29/2010	84.5	7.73	1.86209E-08
5	Champaign County	1-3	4/29/2010	84.9	8.14	7.24436E-09
5	Champaign County	1-3	4/29/2010	85.5	8.14	7.24436E-09
5	Champaign County	0-2	4/29/2010	80.8	7.77	1.69824E-08
5	Champaign County	0-2	4/29/2010	81.2	7.7	1.99526E-08
5	Champaign County	0-2	4/29/2010	87.8	8.09	8.12831E-09
5	Champaign County	0-2	4/29/2010	83.4	7.7	1.99526E-08
5	Champaign County	0-2	4/29/2010	81.1	7.71	1.94984E-08
5	Champaign County	0-2	4/29/2010	81.8	7.94	1.14815E-08
5	Champaign County	0-2	4/29/2010	82.5	7.73	1.86209E-08
5	Champaign County	0-2	4/29/2010	87	8.04	9.12011E-09
5	Champaign County	0-2	4/29/2010	85.8	8.02	9.54993E-09
5	Champaign County	0-2	4/29/2010	84.5	7.77	1.69824E-08
6	Christian County	0-4.5	10/11/2011	80.2	7.99	1.02329E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
6	Christian County	0-4.5	10/11/2011	82.2	7.99	1.02329E-08
6	Christian County	0-4.5	10/11/2011	84	7.85	1.41254E-08
6	Christian County	0-4.5	10/11/2011	79.9	7.97	1.07152E-08
6	Christian County	0-4.5	10/11/2011	80.6	8.02	9.54993E-09
6	Christian County	0-4.5	10/11/2011	80.9	7.92	1.20226E-08
6	Christian County	0-4.5	10/11/2011	80.8	7.99	1.02329E-08
6	Christian County	0-4.5	10/11/2011	80.6	8.01	9.77237E-09
6	Christian County	0-4.5	10/11/2011	79.1	7.75	1.77828E-08
6	Christian County	0-4.5	10/11/2011	81.2	8.12	7.58578E-09
6	Christian County	0-4.5	10/11/2011	84.6	7.85	1.41254E-08
6	Christian County	0-4.5	10/11/2011	79.8	7.81	1.54882E-08
6	Christian County	0-4.5	10/11/2011	80	7.97	1.07152E-08
6	Christian County	0-4.5	10/11/2011	79.5	7.84	1.44544E-08
6	Christian County	0-4	10/11/2011	84.2	7.58	2.63027E-08
6	Christian County	4-7	10/11/2011	81.5	7.75	1.77828E-08
6	Christian County	4-7	10/11/2011	82.4	7.52	3.01995E-08
6	Christian County	0-4	10/11/2011	90	8.02	9.54993E-09
6	Christian County	4-7	10/11/2011	82.4	8.02	9.54993E-09
6	Christian County	0-4	10/11/2011	84.4	7.98	1.04713E-08
6	Christian County	4-7	10/11/2011	78.8	7.81	1.54882E-08
6	Christian County	0-4	10/11/2011	85.2	6.26	5.49541E-07
6	Christian County	0-4	10/11/2011	82.2	7.23	5.88844E-08
6	Christian County	0-3	10/11/2011	81.8	6.22	6.0256E-07
6	Christian County	0-3	10/11/2011	85.1	6.11	7.76247E-07
6	Christian County	0-3	10/11/2011	84.3	6.2	6.30957E-07
6	Christian County	0-3	10/11/2011	84.5	7.08	8.31764E-08
6	Christian County	0-3	10/11/2011	82.3	6.41	3.89045E-07
6	Christian County	0-3	10/11/2011	76.9	7.5	3.16228E-08
6	Christian County	0-3	10/11/2011	77.2	7.61	2.45471E-08
6	Christian County	0-3	10/11/2011	80.6	7.1	7.94328E-08
6	Christian County	0-3	10/11/2011	83.7	5.92	1.20226E-06
6	Christian County	0-3	10/11/2011	85.3	6.2	6.30957E-07
6	Christian County	0-4	10/12/2011	83.2	7.16	6.91831E-08
6	Christian County	0-4	10/12/2011	85.1	7.42	3.80189E-08
6	Christian County	0-4	10/12/2011	82.4	7.53	2.95121E-08
6	Christian County	0-4	10/12/2011	81.4	7.54	2.88403E-08
6	Christian County	0-4	10/12/2011	82.8	7.45	3.54813E-08
6	Christian County	0-4	10/12/2011	84.6	7.15	7.07946E-08
6	Christian County	0-4	10/12/2011	80.7	7.43	3.71535E-08
6	Christian County	0-4	10/12/2011	78.9	6.98	1.04713E-07
6	Christian County	0-4	10/12/2011	84	7.48	3.31131E-08
6	Christian County	0-4	10/12/2011	84	7.33	4.67735E-08
6	Christian County	0-4	10/12/2011	83.8	7.45	3.54813E-08
6	Christian County	0-4	10/12/2011	85.1	7.71	1.94984E-08
6	Christian County	0-4	10/12/2011	84	7.41	3.89045E-08
6	Christian County	0-4	10/12/2011	82.6	7.41	3.89045E-08
6	Christian County	0-4	10/12/2011	86.8	7.53	2.95121E-08
6	Christian County	0-4	10/12/2011	83.9	7.53	2.95121E-08
6	Christian County	0-4	10/12/2011	82.8	7.17	6.76083E-08
8	Clinton County	0-3	1/6/2010	81.1	8.25	5.62341E-09
8	Clinton County	0-3	1/6/2010	80.7	8.34	4.57088E-09
8	Clinton County	0-3	1/6/2010	82	8.13	7.4131E-09
8	Clinton County	0-3	1/6/2010	81.1	8.19	6.45654E-09
8	Clinton County	0-3	1/6/2010	78.9	7.55	2.81838E-08
8	Clinton County	0-3	1/6/2010	81.6	7.34	4.57088E-08
8	Clinton County	0-3	10/13/2010	80	7.42	3.80189E-08
8	Clinton County	0-3	10/13/2010	80	7.66	2.18776E-08
8	Clinton County	0-3	10/13/2010	85	6.37	4.2658E-07
8	Clinton County	0-3	10/13/2010	82	6.18	6.60693E-07
1	Cook	4-6	3/25/2003	84.5	8	0.00000001
1	Cook	4-8	3/25/2003	83.7	8.7	1.99526E-09
1	Cook	6-8	3/25/2003	84.1	8.4	3.98107E-09
1	Cook	2-4	3/25/2003	90.3	8.9	1.25893E-09
1	Cook	4-8	3/25/2003	83.7	8.4	3.98107E-09
1	Cook	4-6	3/26/2003	87.3	8.5	3.16228E-09
1	Cook	2-4	3/26/2003	82.3	8.5	3.16228E-09
1	Cook	2-5	3/26/2003	85.5	8.4	3.98107E-09
1	Cook	2-5	3/26/2003	84.7	8.5	3.16228E-09
1	Cook	2-6	3/26/2003	82.6	8.5	3.16228E-09
1	Cook	6-10	3/27/2003	84.2	8.6	2.51189E-09
1	Cook	4-6	3/27/2003	81.7	8.3	5.01187E-09
1	Cook	4.5-5	3/27/2003	82.8	8.1	7.94328E-09
1	Cook	4-6	3/31/2003	82.3	7.6	2.51189E-08
1	Cook	6-8	3/31/2003	84.6	7.7	1.99526E-08
1	Cook	4-6	3/31/2003	82.2	8.2	6.30957E-09
1	Cook	4-6	3/31/2003	80.5	8	0.00000001
1	Cook	2-4	4/1/2003	84.7	8.2	6.30957E-09
1	Cook	6-8	4/1/2003	83.2	8.1	7.94328E-09
1	Cook	2-4	4/1/2003	85.3	8.2	6.30957E-09
1	Cook	4-6	4/1/2003	66.4	8.5	3.16228E-09
1	Cook	4-6	4/1/2003	82.7	8.3	5.01187E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	6-8	4/1/2003	85.2	8.6	2.51189E-09
1	Cook	2-4	4/1/2003	87.1	8.8	1.58489E-09
1	Cook	2-4	4/1/2003	77.4	9	0.000000001
1	Cook	0-2	4/1/2003	83	8	0.000000001
1	Cook	0-2	4/1/2003	84.3	8	0.000000001
1	Cook	0-2	4/1/2003	87.2	8.1	7.94328E-09
1	Cook	0-2	4/1/2003	91.3	8.6	2.51189E-09
1	Cook	6-8	4/2/2003	86.2	8.4	3.98107E-09
1	Cook	0-2	4/2/2003	87.4	8.3	5.01187E-09
1	Cook	0-2	4/2/2003	81.6	7.9	1.25893E-08
1	Cook	0-2	4/2/2003	77.7	7.9	1.25893E-08
1	Cook	2-4	4/2/2003	86.6	7.8	1.58489E-08
1	Cook	2-4	4/2/2003	86.9	8.2	6.30957E-09
1	Cook	6-8	7/7/2003	82.9	8.2	6.30957E-09
1	Cook	4-6	7/7/2003	86.4	7.9	1.25893E-08
1	Cook	2-4	7/7/2003	85.5	7.9	1.25893E-08
1	Cook	0-2	7/7/2003	83	7.5	3.16228E-08
1	Cook	0-2	7/7/2003	86.2	8.2	6.30957E-09
1	Cook	10-12	7/7/2003	86.2	8.2	6.30957E-09
1	Cook	10-12	7/7/2003	85.8	8.1	7.94328E-09
1	Cook	4-6	7/7/2003	83.1	8	0.000000001
1	Cook	0-2	7/7/2003	73.6	8.1	7.94328E-09
1	Cook	4-6	7/7/2003	79	8.2	6.30957E-09
1	Cook	7-10	7/8/2003	82.3	7.6	2.51189E-08
1	Cook	7-10	7/8/2003	81.4	7.6	2.51189E-08
1	Cook	4-6	7/8/2003	78.5	7.2	6.30957E-08
1	Cook	6-8	7/8/2003	83.1	7.8	1.58489E-08
1	Cook	9-11	7/8/2003	84	7.3	5.01187E-08
1	Cook	4-6	7/8/2003	85.5	7.8	1.58489E-08
1	Cook	5-7	7/8/2003	79.2	7.6	2.51189E-08
1	Cook	8.5-10.5	7/8/2003	82.2	7.2	6.30957E-08
1	Cook	2-6	7/8/2003	84	7.6	2.51189E-08
1	Cook	0-3	7/9/2003	82.8	7.9	1.25893E-08
1	Cook	0-2	7/9/2003	85.2	7.9	1.25893E-08
1	Cook	6-7	7/9/2003	76.8	7.5	3.16228E-08
1	Cook	0-4	7/9/2003	78.3	8	0.000000001
1	Cook	0-2	7/9/2003	79.1	8.5	3.16228E-09
1	Cook	0-2	7/9/2003	88.9	7.5	3.16228E-08
1	Cook	0-2	7/9/2003	92.6	7.5	3.16228E-08
1	Cook	0-2	7/9/2003	74.6	7.4	3.98107E-08
1	Cook	12-15	7/9/2003	80.8	7.9	1.25893E-08
1	Cook	2-5	7/9/2003	84.1	7.8	1.58489E-08
1	Cook	4-6	7/9/2003	84.8	7.9	1.25893E-08
1	Cook	5-6	7/10/2003	78.9	7.8	1.58489E-08
1	Cook	2-4	7/10/2003	82.1	8	0.000000001
1	Cook	4-6	7/10/2003	79.6	7.7	1.99526E-08
1	Cook	0-2	7/10/2003	81.1	8	0.000000001
1	Cook	0-0.5	11/17/2003	86.5	8.2	6.30957E-09
1	Cook	0-0.5	11/17/2003	95.3	7.8	1.58489E-08
1	Cook	0-0.5	11/17/2003	90.5	8.4	3.98107E-09
1	Cook	0-0.5	11/17/2003	88.3	8.1	7.94328E-09
1	Cook	0-0.5	11/17/2003	93.7	8.3	5.01187E-09
1	Cook	0-0.5	11/17/2003	95	8.8	1.58489E-09
1	Cook	0-0.5	11/18/2003	91	11.2	6.30957E-12
1	Cook	0-0.5	11/18/2003	92.6	8.8	1.58489E-09
1	Cook	0-0.5	11/18/2003	85.5	10.1	7.94328E-11
1	Cook	0-0.5	11/18/2003	94.1	9	0.000000001
1	Cook	0-0.5	11/19/2003	91.2	9	0.000000001
1	Cook	0-0.5	11/19/2003	91.3	9.2	6.30957E-10
1	Cook	0-0.5	11/19/2003	85.6	8.3	5.01187E-09
1	Cook	0-0.5	11/19/2003	91.3	8.1	7.94328E-09
1	Cook	0-0.5	11/19/2003	97.5	8.4	3.98107E-09
1	Cook	0-0.5	11/19/2003	91.4	7.4	3.98107E-08
1	Cook	0-0.5	11/19/2003	84.7	7.2	6.30957E-08
1	Cook	0-0.5	11/19/2003	87.2	8.6	2.51189E-09
1	Cook	0-0.5	11/20/2003	88.4	8.1	7.94328E-09
1	Cook	0-0.5	11/20/2003	99.1	8.8	1.58489E-09
1	Cook	0-0.5	11/20/2003	91.2	8.2	6.30957E-09
1	Cook	0-0.5	11/20/2003	94.5	8.3	5.01187E-09
1	Cook	0-0.5	11/20/2003	96.7	9.6	2.51189E-10
1	Cook	0-0.5	11/20/2003	88.1	8.9	1.25893E-09
1	Cook	0-0.5	11/20/2003	88.9	8.4	3.98107E-09
1	Cook	0-0.5	11/21/2003	86.9	7.3	5.01187E-08
1	Cook	0-0.5	11/21/2003	88.2	7.9	1.25893E-08
1	Cook	0-0.5	11/21/2003	83.1	7.5	3.16228E-08
1	Cook	0-0.5	11/21/2003	84.7	8.2	6.30957E-09
1	Cook	0-0.5	11/21/2003	96.3	10.2	6.30957E-11
1	Cook	0-0.5	11/21/2003	94.3	9.3	5.01187E-10
1	Cook	0-0.5	11/21/2003	90.7	7.8	1.58489E-08
1	Cook	0-0.5	11/21/2003	97.4	7.5	3.16228E-08
1	Cook	0-0.5	11/21/2003	91.9	8.5	3.16228E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-0.5	12/1/2003	86.1	8.1	7.94328E-09
1	Cook	0-0.5	1/5/2004	88.2	8.2	6.30957E-09
1	Cook	0-0	2/18/2004	81	7.9	1.25893E-08
1	Cook	0-0	2/18/2004	83.7	8.4	3.98107E-09
1	Cook	0-0	2/18/2004	81.6	8.6	2.51189E-09
1	Cook	0-0	2/18/2004	83	8.5	3.16228E-09
1	Cook	0-0	2/18/2004	77.4	8	0.00000001
1	Cook	0-0	2/18/2004	78.5	7.8	1.58489E-08
1	Cook	0-0	2/18/2004	82.7	8.1	7.94328E-09
1	Cook	2.5-4	3/8/2004	85.1	8.2	6.30957E-09
1	Cook	1-2.5	3/8/2004	81.1	8.4	3.98107E-09
1	Cook	2.5-4	3/8/2004	85	8	0.00000001
1	Cook	3-4	3/8/2004	84.3	7.9	1.25893E-08
1	Cook	1-2.5	3/8/2004	82.7	8.1	7.94328E-09
1	Cook	2.25-4	3/8/2004	83.9	8.7	1.99526E-09
1	Cook	2.5-4	3/8/2004	74.2	8	0.00000001
1	Cook	2.5-4	3/8/2004	78.1	7.9	1.25893E-08
1	Cook	0.5-2.5	3/8/2004	82	8.3	5.01187E-09
1	Cook	2.5-4	3/8/2004	82	8.2	6.30957E-09
1	Cook	0.5-2	3/9/2004	82.9	8.7	1.99526E-09
1	Cook	0.5-2	3/9/2004	84	8.2	6.30957E-09
1	Cook	0.5-2	3/9/2004	81.4	8	0.00000001
1	Cook	4-5	3/9/2004	82.2	7.6	2.51189E-08
1	Cook	4-5	3/9/2004	73.3	7.9	1.25893E-08
1	Cook	1-2	3/9/2004	81.1	8	0.00000001
1	Cook	2-4	3/9/2004	75.9	7.9	1.25893E-08
1	Cook	1-2	3/9/2004	76.8	7.9	1.25893E-08
1	Cook	0.5-2	3/10/2004	85.2	8.8	1.58489E-09
1	Cook	0.5-2	3/10/2004	80.4	9.9	1.25893E-10
1	Cook	0.5-2	3/10/2004	83.1	8.7	1.99526E-09
1	Cook	4-5	3/10/2004	82.7	8.9	1.25893E-09
1	Cook	4-6	3/10/2004	84.1	8	0.00000001
1	Cook	0.5-2	3/10/2004	80.8	7.9	1.25893E-08
1	Cook	3-4	3/10/2004	82.4	8	0.00000001
1	Cook	3-4	3/10/2004	83.3	8.2	6.30957E-09
1	Cook	2-4	3/11/2004	84.7	8.3	5.01187E-09
1	Cook	2-3	3/11/2004	83.1	8.2	6.30957E-09
1	Cook	2-3	3/11/2004	83.9	8.5	3.16228E-09
1	Cook	12-14	3/11/2004	83.7	8.3	5.01187E-09
1	Cook	4-5	3/11/2004	78.4	7.6	2.51189E-08
1	Cook	4-5	3/11/2004	80.2	7.8	1.58489E-08
1	Cook	4-5	3/11/2004	81.7	8.6	2.51189E-09
1	Cook	4-5	3/11/2004	82.9	8	0.00000001
1	Cook	0-6	8/5/2004	86.6	8.9	1.25893E-09
1	Cook	0-5	8/5/2004	90.9	8.6	2.51189E-09
1	Cook	5-9	8/5/2004	82.1	8.8	1.58489E-09
1	Cook	0-6	8/5/2004	94.5	8.6	2.51189E-09
1	Cook	0-6	8/5/2004	94.1	8.8	1.58489E-09
1	Cook	6-15	8/5/2004	93.5	8.8	1.58489E-09
1	Cook	0-6	8/5/2004	82.1	8.4	3.98107E-09
1	Cook	6-13	8/5/2004	87.6	8.6	2.51189E-09
1	Cook	0-6	8/5/2004	92.2	8.5	3.16228E-09
1	Cook	6-11	8/5/2004	88.8	8.4	3.98107E-09
1	Cook	0-6	8/5/2004	97	9.4	3.98107E-10
1	Cook	6-11	8/5/2004	84.1	8.2	6.30957E-09
1	Cook	6-11	8/5/2004	84.5	8.4	3.98107E-09
1	Cook	0-6	8/5/2004	96.6	8.8	1.58489E-09
1	Cook	6-14	8/5/2004	81.3	8	0.00000001
1	Cook	0-6	8/5/2004	95.7	8.8	1.58489E-09
1	Cook	6-14	8/5/2004	81.9	8	0.00000001
1	Cook	0-6	8/5/2004	96.7	9.2	6.30957E-10
1	Cook	0-5	8/6/2004	93.3	8.1	7.94328E-09
1	Cook	0-6	8/6/2004	90.8	8.4	3.98107E-09
1	Cook	0-6	8/6/2004	91.1	8.5	3.16228E-09
1	Cook	0-6.5	8/6/2004	87.5	8.6	2.51189E-09
1	Cook	0-5	8/6/2004	94.7	8.4	3.98107E-09
1	Cook	5-9.5	8/6/2004	89.6	8.2	6.30957E-09
1	Cook	0-6	8/6/2004	85.5	8.1	7.94328E-09
1	Cook	6-11	8/6/2004	82.6	7.6	2.51189E-08
1	Cook	0-6	8/6/2004	93.7	8.7	1.99526E-09
1	Cook	0-6	8/6/2004	93.5	8.8	1.58489E-09
1	Cook	6-11	8/6/2004	78.4	7.8	1.58489E-08
1	Cook	0-6	8/6/2004	96.6	8.7	1.99526E-09
1	Cook	6-16	8/6/2004	81.5	7.9	1.25893E-08
1	Cook	0-6	8/6/2004	96.4	8.7	1.99526E-09
1	Cook	6-12.5	8/6/2004	94	9	0.00000001
1	Cook	0-5	8/6/2004	86.8	8.4	3.98107E-09
1	Cook	5-9	8/6/2004	80.1	7.7	1.99526E-08
1	Cook	0-7	8/6/2004	86.6	7.6	2.51189E-08
1	Cook	0-6	8/6/2004	94.2	9.1	7.94328E-10
1	Cook	0-5	8/6/2004	92	9	0.00000001

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	5-10	8/6/2004	83.1	8	0.00000001
1	Cook	0-5	8/6/2004	91	8.9	1.25893E-09
1	Cook	5-9.5	8/6/2004	82.8	8.4	3.98107E-09
1	Cook	0-6	8/9/2004	96.5	10.3	5.01187E-11
1	Cook	15-22	8/9/2004	94.9	9.1	7.94328E-10
1	Cook	15-22	8/9/2004	94.9	8.6	2.51189E-09
1	Cook	6-15	8/9/2004	97.8	9	0.00000001
1	Cook	6-15	8/9/2004	97.8	8.7	1.99526E-09
1	Cook	0-6	8/9/2004	94.8	7.8	1.58489E-08
1	Cook	15-25	8/9/2004	83.9	8.2	6.30957E-09
1	Cook	6-15	8/9/2004	82.7	8.1	7.94328E-09
1	Cook	0-6	8/9/2004	94	11.5	3.16228E-12
1	Cook	15-27	8/9/2004	84.7	8.8	1.58489E-09
1	Cook	6-15	8/9/2004	88.3	8.9	1.25893E-09
1	Cook	0-6	8/9/2004	84.9	9.8	1.58489E-10
1	Cook	15-27	8/9/2004	97.5	8.7	1.99526E-09
1	Cook	15-27	8/9/2004	98.5	8.5	3.16228E-09
1	Cook	6-15	8/9/2004	98.8	9.3	5.01187E-10
1	Cook	0-6	8/9/2004	98.6	8.6	2.51189E-09
1	Cook	15-22	8/9/2004	93.4	8.4	3.98107E-09
1	Cook	6-15	8/9/2004	93.6	8.5	3.16228E-09
1	Cook	0-6	8/9/2004	95	11.6	2.51189E-12
1	Cook	15-24	8/9/2004	79.6	8.3	5.01187E-09
1	Cook	6-15	8/9/2004	84.2	8.4	3.98107E-09
1	Cook	0-6	8/9/2004	94.8	10.8	1.58489E-11
1	Cook	15-22	8/9/2004	82.7	8.4	3.98107E-09
1	Cook	6-15	8/9/2004	84	8.3	5.01187E-09
1	Cook	0-6	8/9/2004	93.1	9	0.00000001
1	Cook	15-22	8/9/2004	84.3	8.4	3.98107E-09
1	Cook	6-15	8/9/2004	86.9	8.5	3.16228E-09
1	Cook	0-6	8/9/2004	96.6	8.9	1.25893E-09
1	Cook	15-20	8/9/2004	83.1	8.5	3.16228E-09
1	Cook	6-15	8/9/2004	77.9	8.1	7.94328E-09
1	Cook	6-15	8/9/2004	78.1	7.9	1.25893E-08
1	Cook	0-6	8/9/2004	96.2	11.6	2.51189E-12
1	Cook	15-20	8/9/2004	91.1	8.8	1.58489E-09
1	Cook	6-15	8/9/2004	94.6	8.6	2.51189E-09
1	Cook	0-6	8/9/2004	96.8	11.9	1.25893E-12
1	Cook	15-20	8/9/2004	91.9	8.7	1.99526E-09
1	Cook	6-15	8/9/2004	91.6	8.7	1.99526E-09
1	Cook	0-6	8/9/2004	93.2	11.7	1.99526E-12
1	Cook	6-15	8/9/2004	90.9	8.8	1.58489E-09
1	Cook	0-6	8/9/2004	92.8	11.2	6.30957E-12
1	Cook	6-11	8/9/2004	89.3	8.3	5.01187E-09
1	Cook	0-6	8/9/2004	96.2	8.4	3.98107E-09
1	Cook	6-10	8/9/2004	91.3	8.3	5.01187E-09
1	Cook	0-6	8/9/2004	99.8	11.1	7.94328E-12
1	Cook	6-11	8/9/2004	91.7	8.4	3.98107E-09
1	Cook	6-11	8/9/2004	93.2	8.3	5.01187E-09
1	Cook	0-6	8/10/2004	90	9.4	3.98107E-10
1	Cook	0-6	8/10/2004	96.5	9.3	5.01187E-10
1	Cook	6-19	8/10/2004	86.2	11.5	3.16228E-12
1	Cook	0-4.5	8/10/2004	86	11.1	7.94328E-12
1	Cook	0-6	8/10/2004	98.3	10.7	1.99526E-11
1	Cook	15-26	8/10/2004	97.2	8.6	2.51189E-09
1	Cook	6-15	8/10/2004	94.4	9.8	1.58489E-10
1	Cook	0-6	8/10/2004	96.9	8.7	1.99526E-09
1	Cook	15-27	8/10/2004	93.8	8.6	2.51189E-09
1	Cook	6-15	8/10/2004	97.2	10.9	1.25893E-11
1	Cook	6-15	8/10/2004	97.9	11.2	6.30957E-12
1	Cook	0-6	8/10/2004	95.5	9.1	7.94328E-10
1	Cook	6-18	8/10/2004	91.3	8.1	7.94328E-09
1	Cook	0-6	8/10/2004	90.7	8.8	1.58489E-09
1	Cook	0-6	8/10/2004	98.2	8.9	1.25893E-09
1	Cook	6-18	8/10/2004	95.4	8.4	3.98107E-09
1	Cook	0-6	8/10/2004	98.7	8.8	1.58489E-09
1	Cook	15-20	8/10/2004	93.5	8.3	5.01187E-09
1	Cook	6-15	8/10/2004	92.1	8.1	7.94328E-09
1	Cook	0-6	8/10/2004	95.4	8.8	1.58489E-09
1	Cook	6-18	8/10/2004	92.6	8.1	7.94328E-09
1	Cook	0-3.5	8/10/2004	96.2	9.5	3.16228E-10
1	Cook	0-5	8/10/2004	95.6	8.7	1.99526E-09
1	Cook	0-5	8/10/2004	94.5	8.2	6.30957E-09
1	Cook	0-5	8/10/2004	96.9	8.5	3.16228E-09
1	Cook	0-6	8/11/2004	92.1	9.5	3.16228E-10
1	Cook	6-16.5	8/11/2004	96.8	9.1	7.94328E-10
1	Cook	0-6	8/11/2004	95.3	10.2	6.30957E-11
1	Cook	6-19	8/11/2004	95.1	9.1	7.94328E-10
1	Cook	0-6	8/11/2004	95	9.5	3.16228E-10
1	Cook	6-17	8/11/2004	92.8	9.1	7.94328E-10
1	Cook	0-6	8/11/2004	93.8	9.3	5.01187E-10

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	6-13	8/11/2004	84.1	9	0.00000001
1	Cook	0-6	8/11/2004	94.4	9.5	3.16228E-10
1	Cook	6-12	8/11/2004	95.1	9.6	2.51189E-10
1	Cook	0-6	8/11/2004	94.9	9.6	2.51189E-10
1	Cook	6-18	8/11/2004	89.8	8.8	1.58489E-09
1	Cook	0-6	8/11/2004	91.8	10.3	5.01187E-11
1	Cook	6-17	8/11/2004	86.1	8.7	1.99526E-09
1	Cook	0-6	8/11/2004	95.6	9.7	1.99526E-10
1	Cook	0-6	8/11/2004	92.1	9.2	6.30957E-10
1	Cook	6-9.5	8/11/2004	92.9	9.2	6.30957E-10
1	Cook	0-6	8/11/2004	95.5	9.4	3.98107E-10
1	Cook	0-6	8/11/2004	93.6	9.6	2.51189E-10
1	Cook	6-18.5	8/11/2004	84.6	8.8	1.58489E-09
1	Cook	0-6	8/11/2004	92.2	9.2	6.30957E-10
1	Cook	6-11.5	8/11/2004	96.6	9.5	3.16228E-10
1	Cook	0-6	8/11/2004	95.7	9.2	6.30957E-10
1	Cook	6-10	8/11/2004	92.9	9.2	6.30957E-10
1	Cook	0-5	8/11/2004	93.1	9.4	3.98107E-10
1	Cook	0-6	8/11/2004	96.7	9.2	6.30957E-10
1	Cook	15-22	8/11/2004	94.4	8.1	7.94328E-09
1	Cook	6-15	8/11/2004	93.2	8.6	2.51189E-09
1	Cook	6-15	8/11/2004	92.9	9.1	7.94328E-10
1	Cook	0-6	8/12/2004	88.2	9.1	7.94328E-10
1	Cook	6-13	8/12/2004	82.3	8.4	3.98107E-09
1	Cook	0-6	8/12/2004	88.9	9.4	3.98107E-10
1	Cook	6-14	8/12/2004	76.3	8.5	3.16228E-09
1	Cook	0-6	8/12/2004	90.3	9.4	3.98107E-10
1	Cook	15-21	8/12/2004	82.4	8.8	1.58489E-09
1	Cook	6-15	8/12/2004	80	8.6	2.51189E-09
1	Cook	6-15	8/12/2004	80.7	8.5	3.16228E-09
1	Cook	0-6	8/12/2004	90.6	9.9	1.25893E-10
1	Cook	6-18	8/12/2004	78.3	8.2	6.30957E-09
1	Cook	6-18	8/12/2004	81.4	8.6	2.51189E-09
1	Cook	0-6	8/12/2004	82.6	9	0.00000001
1	Cook	6-15	8/12/2004	84.3	8.7	1.99526E-09
1	Cook	0-6	8/12/2004	88	8.5	3.16228E-09
1	Cook	15-20	8/12/2004	81.8	8.5	3.16228E-09
1	Cook	6-15	8/12/2004	85.5	8.7	1.99526E-09
1	Cook	0-6	8/12/2004	79.9	8.5	3.16228E-09
1	Cook	15-20	8/12/2004	83.1	8.5	3.16228E-09
1	Cook	6-15	8/12/2004	84	8.7	1.99526E-09
1	Cook	0-6	8/12/2004	84.4	8.9	1.25893E-09
1	Cook	6-17	8/12/2004	79.6	8.5	3.16228E-09
1	Cook	0-6	8/12/2004	88	9.2	6.30957E-10
1	Cook	6-11	8/12/2004	85.1	8.8	1.58489E-09
1	Cook	0-6	8/12/2004	93.6	9.5	3.16228E-10
1	Cook	15-22	8/12/2004	79.2	8.4	3.98107E-09
1	Cook	6-15	8/12/2004	81.9	8.6	2.51189E-09
1	Cook	0-6	8/12/2004	94.4	9.3	5.01187E-10
1	Cook	15-23	8/12/2004	81.1	8.4	3.98107E-09
1	Cook	6-15	8/12/2004	83.1	8.6	2.51189E-09
1	Cook	0-6	8/12/2004	91	9.2	6.30957E-10
1	Cook	6-12	8/12/2004	85.7	8.6	2.51189E-09
1	Cook	0-6	8/12/2004	93.3	9	0.00000001
1	Cook	15-21	8/12/2004	83.2	8.5	3.16228E-09
1	Cook	6-15	8/12/2004	85.7	8.4	3.98107E-09
1	Cook	0-6	8/12/2004	92.2	8.9	1.25893E-09
1	Cook	15-21	8/12/2004	77.2	8.1	7.94328E-09
1	Cook	15-21	8/12/2004	80.2	8	0.00000001
1	Cook	6-15	8/12/2004	86.6	9.2	6.30957E-10
1	Cook	0-6	8/13/2004	95.8	9	0.00000001
1	Cook	0-6	8/13/2004	95.5	9.6	2.51189E-10
1	Cook	6-9.5	8/13/2004	96.1	9	0.00000001
1	Cook	0-6	8/13/2004	94.6	9.6	2.51189E-10
1	Cook	6-9.5	8/13/2004	96.4	9.2	6.30957E-10
1	Cook	0-6	8/13/2004	93.5	8.9	1.25893E-09
1	Cook	0-6	8/13/2004	92	8.9	1.25893E-09
1	Cook	6-15	8/13/2004	85.8	9	0.00000001
1	Cook	0-6	8/13/2004	93.1	9.3	5.01187E-10
1	Cook	6-15	8/13/2004	89.1	9.2	6.30957E-10
1	Cook	0-6	8/13/2004	92.7	9.5	3.16228E-10
1	Cook	0-6	8/13/2004	93.5	9.4	3.98107E-10
1	Cook	6-14	8/13/2004	89.9	9	0.00000001
1	Cook	0-6	8/13/2004	87.5	8.3	5.01187E-09
1	Cook	6-14	8/13/2004	78.8	7.8	1.58489E-08
1	Cook	0-6	8/13/2004	87.1	8	0.00000001
1	Cook	6-14	8/13/2004	82.8	7.9	1.25893E-08
1	Cook	0-6	8/13/2004	94.4	8.5	3.16228E-09
1	Cook	15-24	8/13/2004	82.6	7.9	1.25893E-08
1	Cook	6-15	8/13/2004	81.3	8.1	7.94328E-09
1	Cook	0-6	8/13/2004	94.4	8.4	3.98107E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	15-24	8/13/2004	90	8.1	7.94328E-09
1	Cook	6-15	8/13/2004	88.4	8.2	6.30957E-09
1	Cook	0-6	8/13/2004	96	9.4	3.98107E-10
1	Cook	15-25	8/13/2004	82.7	8.4	3.98107E-09
1	Cook	6-15	8/13/2004	94.6	8.7	1.99526E-09
1	Cook	0-6	8/13/2004	95	9.1	7.94328E-10
1	Cook	5-18	8/13/2004	90.4	8.4	3.98107E-09
1	Cook	0-6	8/13/2004	85.1	8.2	6.30957E-09
1	Cook	6-18	8/13/2004	82	7.8	1.58489E-08
1	Cook	6-18	8/13/2004	83.7	7.8	1.58489E-08
1	Cook	0-6	8/13/2004	88	8.6	2.51189E-09
1	Cook	6-11	8/13/2004	82.9	8.3	5.01187E-09
1	Cook	0-6	8/16/2004	93.6	9.1	7.94328E-10
1	Cook	15-24	8/16/2004	83.3	8.3	5.01187E-09
1	Cook	6-15	8/16/2004	89.3	8.7	1.99526E-09
1	Cook	0-6	8/16/2004	94.8	9.5	3.16228E-10
1	Cook	6-17.5	8/16/2004	95.8	9.5	3.16228E-10
1	Cook	0-6	8/16/2004	91	8.8	1.58489E-09
1	Cook	6-16	8/16/2004	95.6	8.8	1.58489E-09
1	Cook	0-6	8/16/2004	92	9.8	1.58489E-10
1	Cook	6-15	8/16/2004	94.8	9	0.00000001
1	Cook	6-15	8/16/2004	94.9	9.1	7.94328E-10
1	Cook	0-6	8/16/2004	94.9	9.9	1.25893E-10
1	Cook	6-15	8/16/2004	96.2	9.5	3.16228E-10
1	Cook	0-6	8/16/2004	95.6	9.7	1.99526E-10
1	Cook	6-15	8/16/2004	96.2	9.4	3.98107E-10
1	Cook	0-6	8/16/2004	92.7	9.7	1.99526E-10
1	Cook	6-14	8/16/2004	88.1	9.5	3.16228E-10
1	Cook	0-6	8/16/2004	91.4	9.7	1.99526E-10
1	Cook	6-13	8/16/2004	92.3	9.5	3.16228E-10
1	Cook	0-6	8/16/2004	90.8	10	1E-10
1	Cook	6-14	8/16/2004	87.6	10.2	6.30957E-11
1	Cook	0-6	8/16/2004	94.9	9.6	2.51189E-10
1	Cook	0-6	8/16/2004	92.8	9	0.00000001
1	Cook	15-21	8/16/2004	83.1	8.3	5.01187E-09
1	Cook	6-15	8/16/2004	83.3	8.4	3.98107E-09
1	Cook	6-15	8/16/2004	83	8.4	3.98107E-09
1	Cook	0-6	8/16/2004	94.6	9.1	7.94328E-10
1	Cook	15-24	8/16/2004	82	8.3	5.01187E-09
1	Cook	6-15	8/16/2004	86.3	8.5	3.16228E-09
1	Cook	6-15	8/16/2004	85.2	8.7	1.99526E-09
1	Cook	0-6	8/16/2004	94.1	9.1	7.94328E-10
1	Cook	6-15	8/16/2004	94.1	8.8	1.58489E-09
1	Cook	0-6	8/17/2004	96.2	9.3	5.01187E-10
1	Cook	15-24	8/17/2004	83.5	8.3	5.01187E-09
1	Cook	6-15	8/17/2004	96.2	9.6	2.51189E-10
1	Cook	6-15	8/17/2004	96.2	9.4	3.98107E-10
1	Cook	0-6	8/17/2004	97.1	9.6	2.51189E-10
1	Cook	15-23	8/17/2004	85.3	8.6	2.51189E-09
1	Cook	6-15	8/17/2004	91.9	8.9	1.25893E-09
1	Cook	0-6	8/17/2004	96.2	8.9	1.25893E-09
1	Cook	15-24	8/17/2004	81.8	8.8	1.58489E-09
1	Cook	6-15	8/17/2004	94.1	9.3	5.01187E-10
1	Cook	0-6	8/17/2004	90	9.8	1.58489E-10
1	Cook	15-25	8/17/2004	84.6	8.9	1.25893E-09
1	Cook	6-15	8/17/2004	96.2	9.4	3.98107E-10
1	Cook	0-6	8/17/2004	96.8	9.6	2.51189E-10
1	Cook	15-23	8/17/2004	88.4	9.3	5.01187E-10
1	Cook	6-15	8/17/2004	92.4	9	0.00000001
1	Cook	6-15	8/17/2004	92.7	9.6	2.51189E-10
1	Cook	0-6	8/17/2004	97.5	9.4	3.98107E-10
1	Cook	15-25	8/17/2004	85.9	9.3	5.01187E-10
1	Cook	6-15	8/17/2004	95.8	9.4	3.98107E-10
1	Cook	0-6	8/17/2004	97.6	9.6	2.51189E-10
1	Cook	15-26	8/17/2004	82.8	8.4	3.98107E-09
1	Cook	6-15	8/17/2004	94.1	9.3	5.01187E-10
1	Cook	0-6	8/17/2004	94.7	9.7	1.99526E-10
1	Cook	6-14	8/17/2004	94.5	9.4	3.98107E-10
1	Cook	0-6	8/17/2004	95.6	8.2	6.30957E-09
1	Cook	15-25	8/17/2004	80.8	8.6	2.51189E-09
1	Cook	15-25	8/17/2004	83.4	8.9	1.25893E-09
1	Cook	6-15	8/17/2004	94.3	9.5	3.16228E-10
1	Cook	0-6	8/17/2004	95.8	9.7	1.99526E-10
1	Cook	15-27	8/17/2004	89.2	10.9	1.25893E-11
1	Cook	6-15	8/17/2004	96.3	9.4	3.98107E-10
1	Cook	0-6	8/17/2004	96.8	9.4	3.98107E-10
1	Cook	0-6	8/17/2004	96.4	9.4	3.98107E-10
1	Cook	15-27	8/17/2004	89.1	9.1	7.94328E-10
1	Cook	6-15	8/17/2004	95.8	9.1	7.94328E-10
1	Cook	0-6	8/17/2004	95.1	9.5	3.16228E-10
1	Cook	15-27	8/17/2004	84.9	9.1	7.94328E-10

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	6-15	8/17/2004	95.3	9.5	3.16228E-10
1	Cook	0-6	8/18/2004	96.4	8.5	3.16228E-09
1	Cook	6-17	8/18/2004	87	8.5	3.16228E-09
1	Cook	0-6	8/18/2004	94.7	8.9	1.25893E-09
1	Cook	6-9	8/18/2004	84.6	9	0.000000001
1	Cook	17-28	8/18/2004	88.9	8.7	1.99526E-09
1	Cook	10-25	8/18/2004	91.4	8.3	5.01187E-09
1	Cook	10-25	8/18/2004	91	8.9	1.25893E-09
1	Cook	0-6	8/18/2004	85.8	8.4	3.98107E-09
1	Cook	0-6	8/18/2004	87.3	9.1	7.94328E-10
1	Cook	15-28	8/18/2004	85.4	8.6	2.51189E-09
1	Cook	6-15	8/18/2004	80.8	8.2	6.30957E-09
1	Cook	6-15	8/18/2004	81.6	8.3	5.01187E-09
1	Cook	0-6	8/18/2004	94.7	9.4	3.98107E-10
1	Cook	6-17	8/18/2004	91	9	0.000000001
1	Cook	0-6	8/18/2004	90.8	9	0.000000001
1	Cook	15-21	8/18/2004	80.8	8.5	3.16228E-09
1	Cook	6-15	8/18/2004	81.2	8.4	3.98107E-09
1	Cook	0-6	8/18/2004	93.8	9.4	3.98107E-10
1	Cook	15-24	8/18/2004	82.1	8.3	5.01187E-09
1	Cook	6-15	8/18/2004	87	8.7	1.99526E-09
1	Cook	0-6	8/18/2004	94.7	9.6	2.51189E-10
1	Cook	15-28	8/18/2004	84.2	8.6	2.51189E-09
1	Cook	6-15	8/18/2004	96.1	9.5	3.16228E-10
1	Cook	0-6	8/18/2004	96.8	9	0.000000001
1	Cook	15-27	8/18/2004	83.4	9.5	3.16228E-10
1	Cook	6-15	8/18/2004	95.3	8.9	1.25893E-09
1	Cook	6-15	8/18/2004	96.4	9.8	1.58489E-10
1	Cook	0-6	8/18/2004	96.9	8.9	1.25893E-09
1	Cook	6-20	8/18/2004	96.2	8.9	1.25893E-09
1	Cook	0-6	8/18/2004	97.2	9.4	3.98107E-10
1	Cook	15-29	8/18/2004	83.4	8.6	2.51189E-09
1	Cook	6-15	8/18/2004	85.3	8.9	1.25893E-09
1	Cook	6-15	8/18/2004	94.8	9.4	3.98107E-10
1	Cook	0-6	8/18/2004	95.3	8.9	1.25893E-09
1	Cook	15-23	8/18/2004	84.1	8.4	3.98107E-09
1	Cook	6-15	8/18/2004	80.9	9.1	7.94328E-10
1	Cook	17-21	8/19/2004	82.6	9.4	3.98107E-10
1	Cook	15-25	8/19/2004	84.8	8.8	1.58489E-09
1	Cook	6-15	8/19/2004	96.5	9.8	1.58489E-10
1	Cook	6-15	8/19/2004	83.9	9.6	2.51189E-10
1	Cook	0-5	8/19/2004	82.2	8.4	3.98107E-09
1	Cook	5-9	8/19/2004	82.4	8.5	3.16228E-09
1	Cook	0-5	8/19/2004	87.7	8.7	1.99526E-09
1	Cook	5-9	8/19/2004	84.7	8.5	3.16228E-09
1	Cook	15-23	8/19/2004	85.5	9	0.000000001
1	Cook	12-15	8/19/2004	89.7	9.2	6.30957E-10
1	Cook	15-23	8/19/2004	86.1	8.2	6.30957E-09
1	Cook	15-23	8/19/2004	83.2	9	0.000000001
1	Cook	0-6	8/19/2004	93.5	9	0.000000001
1	Cook	15-26	8/19/2004	86.3	8.4	3.98107E-09
1	Cook	15-26	8/19/2004	82.7	8.7	1.99526E-09
1	Cook	6-15	8/19/2004	85.5	8.4	3.98107E-09
1	Cook	0-6	8/19/2004	95.6	9.2	6.30957E-10
1	Cook	15-26	8/19/2004	84.4	8.4	3.98107E-09
1	Cook	6-15	8/19/2004	83.3	8.4	3.98107E-09
1	Cook	12-20	8/19/2004	82	8	0.000000001
1	Cook	6-18	8/19/2004	81.8	8	0.000000001
1	Cook	0-6	8/19/2004	96.5	9.5	3.16228E-10
1	Cook	15-23	8/19/2004	83	8	0.000000001
1	Cook	15-23	8/19/2004	78.8	8.2	6.30957E-09
1	Cook	6-15	8/19/2004	82.8	8	0.000000001
1	Cook	0-6	9/14/2004	92.4	10.35	4.46684E-11
1	Cook	15-35	9/14/2004	87.7	8.48	3.31131E-09
1	Cook	15-35	9/14/2004	87.7	8.27	5.37032E-09
1	Cook	6-15	9/14/2004	83.3	8.99	1.02329E-09
1	Cook	0-7	9/14/2004	83.4	7.94	1.14815E-08
1	Cook	0-7	9/14/2004	81.9	8.58	2.63027E-09
1	Cook	0-6	9/14/2004	80.8	8.13	7.4131E-09
1	Cook	0-7	9/14/2004	78.7	8.93	1.1749E-09
1	Cook	0-7	9/14/2004	89	9.82	1.51356E-10
1	Cook	0-6	9/14/2004	81.8	8.91	1.23027E-09
1	Cook	15-33	9/14/2004	84.7	8.08	8.31764E-09
1	Cook	15-33	9/14/2004	84.4	7.97	1.07152E-08
1	Cook	6-15	9/14/2004	83.1	8.68	2.0893E-09
1	Cook	0-6	9/14/2004	96.1	10.32	4.7863E-11
1	Cook	0-6	9/15/2004	81.9	7.9	1.25893E-08
1	Cook	15-32	9/15/2004	82.8	7.9	1.25893E-08
1	Cook	6-15	9/15/2004	83.6	7.9	1.25893E-08
1	Cook	0-6	9/15/2004	91.8	8.4	3.98107E-09
1	Cook	15-35	9/15/2004	88.2	8.1	7.94328E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^(-pH)
1	Cook	6-15	9/15/2004	83.9	7.9	1.25893E-08
1	Cook	0-7	9/15/2004	93.7	8.6	2.51189E-09
1	Cook	0-6	9/15/2004	91.7	9	0.000000001
1	Cook	15-40	9/15/2004	93	8	0.000000001
1	Cook	6-15	9/15/2004	82.6	8.3	5.01187E-09
1	Cook	0-7	9/15/2004	87.3	8.8	1.58489E-09
1	Cook	0-7	9/15/2004	82.9	8.4	3.98107E-09
1	Cook	0-8	9/15/2004	95.5	8.5	3.16228E-09
1	Cook	0-8	9/15/2004	95.2	8.4	3.98107E-09
1	Cook	0-8	9/15/2004	93.9	8.4	3.98107E-09
1	Cook	0-7	9/16/2004	94.2	8.5	3.16228E-09
1	Cook	0-7	9/16/2004	82.9	8.5	3.16228E-09
1	Cook	0-7	9/16/2004	87.5	7.4	3.98107E-08
1	Cook	0-2	11/29/2004	81.7	7.5	3.16228E-08
1	Cook	7-9	11/29/2004	84	8.2	6.30957E-09
1	Cook	0-2	11/30/2004	76.9	7.2	6.30957E-08
1	Cook	5-7	11/30/2004	79.5	8.2	6.30957E-09
1	Cook	7-9	11/30/2004	83.6	8.8	1.58489E-09
1	Cook	3-5	11/30/2004	80.8	8.2	6.30957E-09
1	Cook	7-9	11/30/2004	84.3	8.2	6.30957E-09
1	Cook	7-9	11/30/2004	84.1	8.2	6.30957E-09
1	Cook	2-4	12/1/2004	78.4	8.1	7.94328E-09
1	Cook	4-5	12/1/2004	84	7.9	1.25893E-08
1	Cook	0-2	12/1/2004	79.2	8.1	7.94328E-09
1	Cook	0-2	12/1/2004	76.6	7	0.000000001
1	Cook	4-5	12/2/2004	81.6	8.3	5.01187E-09
1	Cook	6-8	12/2/2004	85	8.8	1.58489E-09
1	Cook	5-7	12/2/2004	85.6	8.4	3.98107E-09
1	Cook	7-9	12/2/2004	78.8	8.5	3.16228E-09
1	Cook	0-7	2/1/2005	85.1	8.6	2.51189E-09
1	Cook	0-7	2/1/2005	74.7	8.6	2.51189E-09
1	Cook	0-7	2/1/2005	85.9	9.1	7.94328E-10
1	Cook	0-7	2/1/2005	95.1	9.1	7.94328E-10
1	Cook	0-4	2/1/2005	73.3	8.8	1.58489E-09
1	Cook	0-7	2/1/2005	88.2	9.5	3.16228E-10
1	Cook	0-7	2/1/2005	90.9	9.3	5.01187E-10
1	Cook	0-7	2/1/2005	91.4	9.2	6.30957E-10
1	Cook	0-6	2/1/2005	91.4	8.7	1.99526E-09
1	Cook	15-35	2/1/2005	81.7	8.2	6.30957E-09
1	Cook	6-15	2/1/2005	80.4	8.1	7.94328E-09
1	Cook	0-7	2/1/2005	91.7	9.3	5.01187E-10
1	Cook	0-6	2/1/2005	91.9	10.7	1.99526E-11
1	Cook	15-35	2/1/2005	82.3	8.7	1.99526E-09
1	Cook	6-15	2/1/2005	81.9	8.6	2.51189E-09
1	Cook	6-15	2/1/2005	81.9	8.5	3.16228E-09
1	Cook	0-6	2/2/2005	84.8	8.8	1.58489E-09
1	Cook	15-35	2/2/2005	86.5	8.7	1.99526E-09
1	Cook	6-15	2/2/2005	85.1	8.3	5.01187E-09
1	Cook	0-6	2/2/2005	81.9	8	0.000000001
1	Cook	15-28	2/2/2005	81	8.4	3.98107E-09
1	Cook	6-15	2/2/2005	82	8.2	6.30957E-09
1	Cook	6-15	2/2/2005	81.2	8.4	3.98107E-09
1	Cook	0-7	2/2/2005	88.3	8.6	2.51189E-09
1	Cook	0-7	2/2/2005	83.8	8.2	6.30957E-09
1	Cook	0-7	2/2/2005	85.4	8.5	3.16228E-09
1	Cook	0-7	2/2/2005	90.8	9	0.000000001
1	Cook	0-7	2/2/2005	89.2	9.1	7.94328E-10
1	Cook	0-5.5	2/2/2005	87.8	8.9	1.25893E-09
1	Cook	0-5.5	2/2/2005	88.6	8.9	1.25893E-09
1	Cook	0-6.5	2/2/2005	91.2	10.4	3.98107E-11
1	Cook	0-7	2/2/2005	87.1	9.2	6.30957E-10
1	Cook	0-7	2/2/2005	88.1	9.2	6.30957E-10
1	Cook	0-6	2/2/2005	91.7	9.4	3.98107E-10
1	Cook	6-12	2/2/2005	93.4	8.9	1.25893E-09
1	Cook	0-7	2/2/2005	90.6	9	0.000000001
1	Cook	0-7	2/2/2005	81.8	8.7	1.99526E-09
1	Cook	0-7	2/2/2005	76	8.1	7.94328E-09
1	Cook	0-7	2/2/2005	83.2	8.9	1.25893E-09
1	Cook	0-7	2/2/2005	92.1	9.4	3.98107E-10
1	Cook	0-7	2/2/2005	81.6	8.4	3.98107E-09
1	Cook	12-18	2/3/2005	91.6	8.8	1.58489E-09
1	Cook	18-26	2/3/2005	83.5	8.4	3.98107E-09
1	Cook	0-6	2/3/2005	89.1	8.8	1.58489E-09
1	Cook	15-30	2/3/2005	84.4	8.6	2.51189E-09
1	Cook	6-15	2/3/2005	91	8.7	1.99526E-09
1	Cook	0-7	2/3/2005	87.9	10.4	3.98107E-11
1	Cook	0-6	2/3/2005	91.6	9	0.000000001
1	Cook	0-6	2/3/2005	94.9	9.4	3.98107E-10
1	Cook	6-15	2/3/2005	88.6	8.4	3.98107E-09
1	Cook	0-6	2/3/2005	95.1	9.7	1.99526E-10
1	Cook	6-18	2/3/2005	88.4	8.7	1.99526E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-6	2/3/2005	88.9	8.8	1.58489E-09
1	Cook	0-6	2/3/2005	95.6	9.5	3.16228E-10
1	Cook	15-25	2/3/2005	85.6	8.4	3.98107E-09
1	Cook	6-15	2/3/2005	90	9.1	7.94328E-10
1	Cook	0-7	2/3/2005	92	9.1	7.94328E-10
1	Cook	0-7	2/3/2005	93.1	9.1	7.94328E-10
1	Cook	0-6	2/3/2005	90.3	9.1	7.94328E-10
1	Cook	6-11	2/3/2005	84.9	8.7	1.99526E-09
1	Cook	6-11	2/3/2005	84.2	8.4	3.98107E-09
1	Cook	0-6	2/3/2005	92.6	8.9	1.25893E-09
1	Cook	0-6	2/3/2005	85.8	8.5	3.16228E-09
1	Cook	0-7	2/3/2005	73.2	8.2	6.30957E-09
1	Cook	0-7	2/3/2005	80.1	8.4	3.98107E-09
1	Cook	0-6	2/3/2005	91.8	9.5	3.16228E-10
1	Cook	6-12	2/3/2005	93.9	9.1	7.94328E-10
1	Cook	0-6	2/4/2005	93.4	9.7	1.99526E-10
1	Cook	15-26	2/4/2005	81	8.2	6.30957E-09
1	Cook	6-15	2/4/2005	84.3	8.4	3.98107E-09
1	Cook	0-6	2/4/2005	92.9	9.3	5.01187E-10
1	Cook	6-15	2/4/2005	84.5	8.4	3.98107E-09
1	Cook	0-6	2/4/2005	95.6	9.4	3.98107E-10
1	Cook	6-19	2/4/2005	93.4	9.1	7.94328E-10
1	Cook	6-19	2/4/2005	89.2	8.9	1.25893E-09
1	Cook	0-6	2/4/2005	95	9.6	2.51189E-10
1	Cook	6-17	2/4/2005	89.9	9.1	7.94328E-10
1	Cook	0-8	2/4/2005	84.8	8.5	3.16228E-09
1	Cook	0-7	2/4/2005	95.9	9.3	5.01187E-10
1	Cook	0-8	2/4/2005	89.3	8.9	1.25893E-09
1	Cook	0-6	2/4/2005	92.8	9.3	5.01187E-10
1	Cook	6-19	2/4/2005	82.1	8.6	2.51189E-09
1	Cook	0-6	2/4/2005	96.3	9.6	2.51189E-10
1	Cook	6-10	2/4/2005	84.1	8.7	1.99526E-09
1	Cook	0-6	2/4/2005	97	9.2	6.30957E-10
1	Cook	6-12	2/4/2005	84.4	8.8	1.58489E-09
1	Cook	0-6	2/4/2005	95.8	9.5	3.16228E-10
1	Cook	6-18	2/4/2005	89.4	8.8	1.58489E-09
1	Cook	0-8	2/4/2005	91.5	8.4	3.98107E-09
1	Cook	0-8	2/4/2005	90.9	8.2	6.30957E-09
1	Cook	0-6	2/4/2005	96.6	9.8	1.58489E-10
1	Cook	0-6	2/4/2005	96.8	9.7	1.99526E-10
1	Cook	6-15	2/4/2005	89.4	9.2	6.30957E-10
1	Cook	0-6	2/4/2005	96.5	9.5	3.16228E-10
1	Cook	6-19	2/4/2005	84.8	8.7	1.99526E-09
1	Cook	0-6	2/4/2005	81.3	9.2	6.30957E-10
1	Cook	6-17	2/4/2005	85.4	8.6	2.51189E-09
1	Cook	0-6	2/7/2005	91.8	9	0.00000001
1	Cook	0-6	2/7/2005	88.7	9.8	1.58489E-10
1	Cook	6-12	2/7/2005	91.6	9.2	6.30957E-10
1	Cook	0-7	2/7/2005	72.1	8.8	1.58489E-09
1	Cook	0-7	2/7/2005	73.1	9.4	3.98107E-10
1	Cook	0-7	2/7/2005	91.9	9.2	6.30957E-10
1	Cook	0-7	2/7/2005	82	8.4	3.98107E-09
1	Cook	0-6	2/7/2005	80.4	9.2	6.30957E-10
1	Cook	0-6	2/7/2005	81	9.2	6.30957E-10
1	Cook	6-15	2/7/2005	84.3	8.7	1.99526E-09
1	Cook	7-12	2/7/2005	81.5	8.9	1.25893E-09
1	Cook	0-6	2/7/2005	81.5	9.2	6.30957E-10
1	Cook	15-31	2/7/2005	83.2	8.9	1.25893E-09
1	Cook	6-15	2/7/2005	76.2	8.7	1.99526E-09
1	Cook	0-7	2/14/2005	82.9	8.8	1.58489E-09
1	Cook	0-7	2/14/2005	82.2	8.5	3.16228E-09
1	Cook	0-7	2/14/2005	80.5	8.5	3.16228E-09
1	Cook	0-7	2/14/2005	78.1	9.8	1.58489E-10
1	Cook	0-7	2/14/2005	82.7	8.7	1.99526E-09
1	Cook	0-7	2/14/2005	82.1	8.1	7.94328E-09
1	Cook	0-7	2/14/2005	85.1	8.1	7.94328E-09
1	Cook	0-7	2/14/2005	84.8	8.2	6.30957E-09
1	Cook	0-7	2/14/2005	81	8.3	5.01187E-09
1	Cook	0-7	2/14/2005	82.2	9.2	6.30957E-10
1	Cook	0-7	2/14/2005	90.2	9.2	6.30957E-10
1	Cook	0-7	2/14/2005	91	8.8	1.58489E-09
1	Cook	0-7	2/14/2005	91.8	8.6	2.51189E-09
1	Cook	0-7	2/14/2005	91.3	9.4	3.98107E-10
1	Cook	0-6	2/14/2005	81.3	8.7	1.99526E-09
1	Cook	15-35	2/14/2005	89	8.1	7.94328E-09
1	Cook	6-15	2/14/2005	83.6	7.8	1.58489E-08
1	Cook	15-35	2/14/2005	87.8	8	0.00000001
1	Cook	0-6	2/15/2005	82.6	7.8	1.58489E-08
1	Cook	15-35	2/15/2005	88.4	8.1	7.94328E-09
1	Cook	6-15	2/15/2005	84	7.7	1.99526E-08
1	Cook	0-6	2/15/2005	84.2	8.5	3.16228E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	15-35	2/15/2005	80.7	8	0.00000001
1	Cook	6-15	2/15/2005	84.4	7.7	1.99526E-08
1	Cook	0-6	2/15/2005	79.8	8.9	1.25893E-09
1	Cook	0-6	2/15/2005	81.1	8.6	2.51189E-09
1	Cook	15-34	2/15/2005	83.3	7.6	2.51189E-08
1	Cook	6-15	2/15/2005	80.4	8.5	3.16228E-09
1	Cook	0-6	2/15/2005	94.7	9.5	3.16228E-10
1	Cook	15-35	2/15/2005	88.6	8.4	3.98107E-09
1	Cook	6-15	2/15/2005	86.3	8.3	5.01187E-09
1	Cook	0-6	2/16/2005	81.5	8.6	2.51189E-09
1	Cook	15-35	2/16/2005	84.8	7.9	1.25893E-08
1	Cook	6-15	2/16/2005	81.5	7.9	1.25893E-08
1	Cook	0-6	2/16/2005	84.1	8.2	6.30957E-09
1	Cook	15-35	2/16/2005	89.9	8.4	3.98107E-09
1	Cook	6-15	2/16/2005	84.1	7.8	1.58489E-08
1	Cook	0-6	2/16/2005	81.7	8.6	2.51189E-09
1	Cook	15-34	2/16/2005	80.7	7.9	1.25893E-08
1	Cook	15-34	2/16/2005	81.8	8	0.00000001
1	Cook	6-15	2/16/2005	81.1	8	0.00000001
1	Cook	5-11	2/16/2005	84.1	8.3	5.01187E-09
1	Cook	6-8	2/16/2005	82.1	8.8	1.58489E-09
1	Cook	4-9	2/16/2005	85	9.3	5.01187E-10
1	Cook	0-4	2/16/2005	84.6	8.6	2.51189E-09
1	Cook	6-11	2/16/2005	84.8	8.6	2.51189E-09
1	Cook	6-11	2/16/2005	86.9	8.6	2.51189E-09
1	Cook	0-6	2/17/2005	83.9	8.4	3.98107E-09
1	Cook	0-6	2/17/2005	75.5	8.1	7.94328E-09
1	Cook	15-35	2/17/2005	87	8.2	6.30957E-09
1	Cook	6-15	2/17/2005	82	7.8	1.58489E-08
1	Cook	0-6	2/17/2005	82.2	8.3	5.01187E-09
1	Cook	15-35	2/17/2005	85	7.9	1.25893E-08
1	Cook	6-15	2/17/2005	83.6	7.9	1.25893E-08
1	Cook	15-21	2/17/2005	83.5	8	0.00000001
1	Cook	6-15	2/17/2005	88.7	8.4	3.98107E-09
1	Cook	0-7	2/17/2005	89.5	8.2	6.30957E-09
1	Cook	0-8	2/17/2005	90.5	7.9	1.25893E-08
1	Cook	0-6	2/17/2005	91.1	9.1	7.94328E-10
1	Cook	0-8	2/17/2005	89.8	8.1	7.94328E-09
1	Cook	0-8	2/17/2005	90	7.8	1.58489E-08
1	Cook	0-6	2/17/2005	86.2	8.5	3.16228E-09
1	Cook	6-11	2/17/2005	83.7	8.1	7.94328E-09
1	Cook	0-5	2/17/2005	83.9	8.1	7.94328E-09
1	Cook	0-6	2/17/2005	82.2	8.3	5.01187E-09
1	Cook	6-12	2/17/2005	90.4	7.9	1.25893E-08
1	Cook	0-6	2/18/2005	94	10	1E-10
1	Cook	15-28	2/18/2005	88.6	8.2	6.30957E-09
1	Cook	6-15	2/18/2005	84.7	8.3	5.01187E-09
1	Cook	0-0	2/18/2005	85.4	8.9	1.25893E-09
1	Cook	0-0	2/18/2005	89.8	8.3	5.01187E-09
1	Cook	0-0	2/18/2005	82.6	8.5	3.16228E-09
1	Cook	0-0	2/18/2005	78.3	8.2	6.30957E-09
1	Cook	0-0	2/18/2005	88.7	8.2	6.30957E-09
1	Cook	0-0	2/18/2005	88.5	7.8	1.58489E-08
1	Cook	0-6	2/21/2005	85.2	8.9	1.25893E-09
1	Cook	15-25	2/21/2005	88.8	8.2	6.30957E-09
1	Cook	6-15	2/21/2005	84.1	8	0.00000001
1	Cook	0-8	2/21/2005	85.3	8.8	1.58489E-09
1	Cook	13-22	2/21/2005	80.3	8.2	6.30957E-09
1	Cook	22-32	2/21/2005	85.9	7.9	1.25893E-08
1	Cook	22-32	2/21/2005	91.3	8.1	7.94328E-09
1	Cook	7-13	2/21/2005	81	9	0.00000001
1	Cook	12-21	2/21/2005	83	7.7	1.99526E-08
1	Cook	21-31	2/21/2005	82.8	8.3	5.01187E-09
1	Cook	6-12	2/21/2005	84	7.4	3.98107E-08
1	Cook	0-0	3/28/2005	95.8	11.1	7.94328E-12
1	Cook	0-0	3/28/2005	95.2	9.5	3.16228E-10
1	Cook	0-0	3/28/2005	91.8	8.9	1.25893E-09
1	Cook	0-0	3/28/2005	89.5	8.4	3.98107E-09
1	Cook	0-0	3/28/2005	91	8.6	2.51189E-09
1	Cook	0-0	3/28/2005	88.7	8.5	3.16228E-09
1	Cook	0-0	3/28/2005	88.3	8.6	2.51189E-09
1	Cook	0-0	3/28/2005	92.9	9.4	3.98107E-10
1	Cook	0-0	3/28/2005	81.2	8.6	2.51189E-09
1	Cook	0-0	3/28/2005	83.6	8.7	1.99526E-09
1	Cook	0-0	3/28/2005	90.2	9.6	2.51189E-10
1	Cook	0-0	3/28/2005	83.3	9.7	1.99526E-10
1	Cook	0-0	3/28/2005	92.9	8.6	2.51189E-09
1	Cook	0-0	3/28/2005	83	8.4	3.98107E-09
1	Cook	0-0	3/28/2005	91	9.4	3.98107E-10
1	Cook	0-0	3/28/2005	84.4	8.5	3.16228E-09
1	Cook	0-0	3/28/2005	85.6	8.4	3.98107E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-0	3/28/2005	97	8.2	6.30957E-09
1	Cook	0-0	3/28/2005	75.6	8.8	1.58489E-09
1	Cook	0-0	3/28/2005	96.2	9.4	3.98107E-10
1	Cook	0-0	3/29/2005	92.5	8.9	1.25893E-09
1	Cook	0-0	3/29/2005	84.1	8.7	1.99526E-09
1	Cook	0-0	3/29/2005	81.8	8.7	1.99526E-09
1	Cook	0-0	3/29/2005	88.2	9.1	7.94328E-10
1	Cook	0-0	3/29/2005	83.5	8.4	3.98107E-09
1	Cook	0-0	3/29/2005	83.9	8.6	2.51189E-09
1	Cook	0-0	3/29/2005	86.8	9.6	2.51189E-10
1	Cook	0-0	3/29/2005	90.8	9.4	3.98107E-10
1	Cook	0-0	3/29/2005	91	9	0.000000001
1	Cook	0-0	3/29/2005	91.6	9.3	5.01187E-10
1	Cook	0-0	3/29/2005	85.2	8.2	6.30957E-09
1	Cook	0-0	3/29/2005	85.3	8.6	2.51189E-09
1	Cook	0-0	3/29/2005	89	8.8	1.58489E-09
1	Cook	0-0	3/29/2005	84.7	8.6	2.51189E-09
1	Cook	0-0	3/29/2005	85.3	8.7	1.99526E-09
1	Cook	0-0	3/30/2005	95.2	9.2	6.30957E-10
1	Cook	0-0	3/30/2005	93.5	8.8	1.58489E-09
1	Cook	0-0	3/30/2005	83.2	8	0.000000001
1	Cook	0-0	3/30/2005	94.6	9.4	3.98107E-10
1	Cook	0-0	3/30/2005	85.9	8.2	6.30957E-09
1	Cook	0-0	3/30/2005	94.1	8.9	1.25893E-09
1	Cook	0-0	3/30/2005	94.1	8.9	1.25893E-09
1	Cook	0-0	3/30/2005	89.2	9.2	6.30957E-10
1	Cook	0-0	3/30/2005	86.3	8.2	6.30957E-09
1	Cook	0-0	3/30/2005	85.6	8.5	3.16228E-09
1	Cook	0-0	3/30/2005	77.5	9	0.000000001
1	Cook	0-0	3/30/2005	84.3	8.2	6.30957E-09
1	Cook	0-0	3/30/2005	80.5	8.5	3.16228E-09
1	Cook	0-0	3/30/2005	86	8.8	1.58489E-09
1	Cook	0-0	3/30/2005	88	8.6	2.51189E-09
1	Cook	0-0	3/30/2005	94.2	8.6	2.51189E-09
1	Cook	0-0	3/30/2005	88.8	8.8	1.58489E-09
1	Cook	0-0	3/30/2005	93.2	8.6	2.51189E-09
1	Cook	0-0	3/30/2005	89.1	8.7	1.99526E-09
1	Cook	0-0	3/30/2005	97.6	9.5	3.16228E-10
1	Cook	14-16	5/4/2005	84.6	7	0.000000001
1	Cook	6-8	5/4/2005	76.4	7	0.000000001
1	Cook	10-12	5/4/2005	83.4	8.6	2.51189E-09
1	Cook	10-12	5/4/2005	85.9	8.5	3.16228E-09
1	Cook	8-10	5/5/2005	87.8	8.4	3.98107E-09
1	Cook	6-8	5/5/2005	88.8	7.9	1.25893E-08
1	Cook	8-10	5/5/2005	87.3	8.3	5.01187E-09
1	Cook	8-10	5/5/2005	88.7	8.4	3.98107E-09
1	Cook	10-12	5/5/2005	86.6	7.5	3.16228E-08
1	Cook	10-12	5/5/2005	86.2	7.7	1.99526E-08
1	Cook	2-4	5/6/2005	83.5	7.5	3.16228E-08
1	Cook	12-14	5/6/2005	85.4	7.6	2.51189E-08
1	Cook	4-6	5/6/2005	72.1	6.7	1.99526E-07
1	Cook	12-14	5/6/2005	87	8.4	3.98107E-09
1	Cook	4-6	5/6/2005	84.3	8.1	7.94328E-09
1	Cook	8-10	5/6/2005	84.5	8.2	6.30957E-09
1	Cook	4-6	5/9/2005	76	8.4	3.98107E-09
1	Cook	16-18	5/9/2005	88.9	8.3	5.01187E-09
1	Cook	12-14	5/9/2005	81.1	8.4	3.98107E-09
1	Cook	6-8	5/9/2005	92.2	8.3	5.01187E-09
1	Cook	2-4	5/9/2005	94.4	8.9	1.25893E-09
1	Cook	0-2	5/10/2005	92.8	8.4	3.98107E-09
1	Cook	0-2	5/10/2005	90.7	8.9	1.25893E-09
1	Cook	6-8	5/10/2005	85.9	7.8	1.58489E-08
1	Cook	6-8	5/10/2005	82.3	8.3	5.01187E-09
1	Cook	14-16	5/10/2005	88.2	8.2	6.30957E-09
1	Cook	14-16	5/11/2005	86.6	8.4	3.98107E-09
1	Cook	10-12	5/16/2005	88.2	8.8	1.58489E-09
1	Cook	6-8	5/16/2005	77.3	8.2	6.30957E-09
1	Cook	12-14	5/16/2005	86.1	8.8	1.58489E-09
1	Cook	12-14	5/16/2005	81.6	8	0.000000001
1	Cook	8-10	5/16/2005	87.7	9	0.000000001
1	Cook	10-12	5/16/2005	76.7	7.8	1.58489E-08
1	Cook	8-10	5/16/2005	81	7.2	6.30957E-08
1	Cook	10-12	5/16/2005	88.8	8.2	6.30957E-09
1	Cook	10-12	5/16/2005	88.8	8.7	1.99526E-09
1	Cook	2-4	5/18/2005	83.9	8.97	1.07152E-09
1	Cook	2-4	5/18/2005	82.9	8.73	1.86209E-09
1	Cook	2-4	5/18/2005	83.7	8.3	5.01187E-09
1	Cook	4-6	5/18/2005	83.6	8.78	1.65959E-09
1	Cook	2-4	5/19/2005	80.3	7.81	1.54882E-08
1	Cook	2-4	5/19/2005	84.7	7.94	1.14815E-08
1	Cook	2-4	5/19/2005	79.7	8.24	5.7544E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	12-14	5/20/2005	83	8.5	3.16228E-09
1	Cook	4-6	5/20/2005	83.4	8.4	3.98107E-09
1	Cook	6-8	5/20/2005	84.8	8.6	2.51189E-09
1	Cook	6-8	5/20/2005	84.7	8.4	3.98107E-09
1	Cook	4-6	5/23/2005	84.3	8.9	1.25893E-09
1	Cook	4-6	5/23/2005	86.2	8.7	1.99526E-09
1	Cook	12-14	5/23/2005	80.3	8.4	3.98107E-09
1	Cook	8-10	5/23/2005	88.4	8.8	1.58489E-09
1	Cook	12-14	5/23/2005	91.2	8	0.00000001
1	Cook	12-14	5/23/2005	82.8	7.9	1.25893E-08
1	Cook	8-10	5/23/2005	84.1	8.5	3.16228E-09
1	Cook	2-4	5/24/2005	84	8.8	1.58489E-09
1	Cook	2-4	5/24/2005	80.3	7.9	1.25893E-08
1	Cook	12-14	5/24/2005	86	8.6	2.51189E-09
1	Cook	0-6	7/5/2005	84.8	8.2	6.30957E-09
1	Cook	10.5-14	7/5/2005	82.7	7.6	2.51189E-08
1	Cook	7-10.5	7/5/2005	83.7	7.8	1.58489E-08
1	Cook	12-17.5	7/5/2005	82.4	7.6	2.51189E-08
1	Cook	6-12	7/5/2005	90.2	8.4	3.98107E-09
1	Cook	13-18	7/5/2005	82.4	7.7	1.99526E-08
1	Cook	7-13	7/5/2005	80.6	7.9	1.25893E-08
1	Cook	12-17.5	7/5/2005	82.6	8	0.00000001
1	Cook	6-12	7/5/2005	89.2	8.4	3.98107E-09
1	Cook	12.5-17.5	7/5/2005	81.7	7.4	3.98107E-08
1	Cook	7-12.5	7/5/2005	89.1	8	0.00000001
1	Cook	11-16	7/5/2005	83.1	7.6	2.51189E-08
1	Cook	6-11	7/5/2005	92.2	8.1	7.94328E-09
1	Cook	10-13	7/5/2005	81.9	7.8	1.58489E-08
1	Cook	6-10	7/5/2005	83.6	8.1	7.94328E-09
1	Cook	0-3.5	7/5/2005	87.8	7.7	1.99526E-08
1	Cook	3.5-6.5	7/5/2005	82	7.6	2.51189E-08
1	Cook	7-13	7/5/2005	83.4	7.7	1.99526E-08
1	Cook	6-10.5	7/5/2005	84.9	8.3	5.01187E-09
1	Cook	6-10.5	7/5/2005	85.1	8.1	7.94328E-09
1	Cook	7-10.5	7/5/2005	81.4	8	0.00000001
1	Cook	6-10.5	7/5/2005	85.2	7.4	3.98107E-08
1	Cook	6.5-10	7/5/2005	87.2	9	0.00000001
1	Cook	10-13.5	7/6/2005	83.8	7.7	1.99526E-08
1	Cook	10-13.5	7/6/2005	83.3	7.8	1.58489E-08
1	Cook	6-10	7/6/2005	87.4	8.1	7.94328E-09
1	Cook	10-14	7/6/2005	83.3	7.6	2.51189E-08
1	Cook	6-10	7/6/2005	86.4	8	0.00000001
1	Cook	0-6	7/6/2005	91.3	8.5	3.16228E-09
1	Cook	11-15.5	7/6/2005	83.9	7.8	1.58489E-08
1	Cook	6-11	7/6/2005	86.6	8.2	6.30957E-09
1	Cook	11-15.5	7/6/2005	84.1	7.7	1.99526E-08
1	Cook	6-11	7/6/2005	88.5	8.8	1.58489E-09
1	Cook	0-6	7/6/2005	89.2	8.5	3.16228E-09
1	Cook	11-15.5	7/6/2005	85.3	7.7	1.99526E-08
1	Cook	6-11	7/6/2005	83.5	7.9	1.25893E-08
1	Cook	12-16	7/6/2005	85.5	7.4	3.98107E-08
1	Cook	7-11.5	7/6/2005	80.5	7.8	1.58489E-08
1	Cook	10-13	7/6/2005	89.6	7.8	1.58489E-08
1	Cook	6-10	7/6/2005	81.8	7.6	2.51189E-08
1	Cook	6-12	7/6/2005	89.4	7.6	2.51189E-08
1	Cook	7-12	7/6/2005	89.1	7.9	1.25893E-08
1	Cook	10-13	7/6/2005	89.5	8	0.00000001
1	Cook	6-10	7/6/2005	90.5	7.8	1.58489E-08
1	Cook	7-13	7/6/2005	89.7	8	0.00000001
1	Cook	10-13	7/6/2005	84.4	8.1	7.94328E-09
1	Cook	6-10	7/6/2005	89.1	8.1	7.94328E-09
1	Cook	6-10.5	7/6/2005	82.7	7.5	3.16228E-08
1	Cook	5.5-9	7/6/2005	83.8	8.7	1.99526E-09
1	Cook	5-9	7/6/2005	82.8	8.5	3.16228E-09
1	Cook	4.5-7.5	7/6/2005	84.8	8.6	2.51189E-09
1	Cook	0-3.5	7/7/2005	87.1	8.5	3.16228E-09
1	Cook	0-6	7/7/2005	92.2	8.5	3.16228E-09
1	Cook	0-6	7/7/2005	89.5	8.9	1.25893E-09
1	Cook	0-6	7/7/2005	84.8	8.2	6.30957E-09
1	Cook	0-3.5	7/7/2005	92.7	8	0.00000001
1	Cook	3.5-6.5	7/7/2005	88.4	8.4	3.98107E-09
1	Cook	0-3.5	7/7/2005	94.3	7.5	3.16228E-08
1	Cook	4-7	7/7/2005	88.7	7.5	3.16228E-08
1	Cook	0-4.5	7/7/2005	88.5	7.6	2.51189E-08
1	Cook	4.5-7	7/7/2005	88.8	7.8	1.58489E-08
1	Cook	4-7	7/7/2005	88.8	7.9	1.25893E-08
1	Cook	0-4	7/7/2005	90.1	7.5	3.16228E-08
1	Cook	4-7	7/7/2005	89.1	7.9	1.25893E-08
1	Cook	0-4.5	7/7/2005	89	8.5	3.16228E-09
1	Cook	0-3.5	7/7/2005	85.4	7.1	7.94328E-08
1	Cook	7-11	7/7/2005	80.9	7.9	1.25893E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	7-11	7/7/2005	80.8	7.9	1.25893E-08
1	Cook	6-11	7/7/2005	78.1	8.8	1.58489E-09
1	Cook	7-11	7/7/2005	79.7	8.4	3.98107E-09
1	Cook	7-11	7/7/2005	80.2	8.3	5.01187E-09
1	Cook	6-11	7/7/2005	81.3	7.4	3.98107E-08
1	Cook	7-11	7/7/2005	82.2	8	0.00000001
1	Cook	0-4.5	7/7/2005	86.7	7.4	3.98107E-08
1	Cook	0-4.5	7/7/2005	89.4	8	0.00000001
1	Cook	6-11	7/7/2005	82.8	7.5	3.16228E-08
1	Cook	6-11	7/7/2005	82.9	7.9	1.25893E-08
1	Cook	0-6	7/7/2005	81.8	8.3	5.01187E-09
1	Cook	6-12	7/7/2005	81.4	7.6	2.51189E-08
1	Cook	5-10	7/7/2005	82.6	7.3	5.01187E-08
1	Cook	7-10	7/7/2005	81.2	7.9	1.25893E-08
1	Cook	6-10.5	7/7/2005	82.1	7.6	2.51189E-08
1	Cook	7-10.5	7/7/2005	81.7	7.7	1.99526E-08
1	Cook	6-10.5	7/7/2005	83.7	7.6	2.51189E-08
1	Cook	7-10	7/7/2005	82.9	8.2	6.30957E-09
1	Cook	7-10	7/7/2005	83.6	8.6	2.51189E-09
1	Cook	5-10	7/7/2005	82.9	8.3	5.01187E-09
1	Cook	5-10	7/7/2005	81.9	8.3	5.01187E-09
1	Cook	0-3	7/8/2005	94.9	8.8	1.58489E-09
1	Cook	0-4	7/8/2005	94.7	9.1	7.94328E-10
1	Cook	0-6	7/8/2005	86.3	8.7	1.99526E-09
1	Cook	10.5-14.5	7/8/2005	84.2	8.3	5.01187E-09
1	Cook	6-10.5	7/8/2005	86.1	8.7	1.99526E-09
1	Cook	6-10.5	7/8/2005	83.4	8.5	3.16228E-09
1	Cook	10.5-15	7/8/2005	84	8.2	6.30957E-09
1	Cook	6-10.5	7/8/2005	87.5	8.5	3.16228E-09
1	Cook	0-6	7/8/2005	92	9.4	3.98107E-10
1	Cook	10.5-15	7/8/2005	82.8	8.3	5.01187E-09
1	Cook	6-10.5	7/8/2005	87.9	8.4	3.98107E-09
1	Cook	6-10.5	7/8/2005	84.8	8.8	1.58489E-09
1	Cook	10.5-15	7/8/2005	83.4	8.4	3.98107E-09
1	Cook	6-10.5	7/8/2005	83.7	8.6	2.51189E-09
1	Cook	0-6	7/8/2005	93.4	8.4	3.98107E-09
1	Cook	6-12	7/8/2005	86.5	7.9	1.25893E-08
1	Cook	6-11.5	7/8/2005	91.4	8.5	3.16228E-09
1	Cook	0-6	7/8/2005	92.8	8.6	2.51189E-09
1	Cook	6-11	7/8/2005	82.8	7.9	1.25893E-08
1	Cook	5-10	7/8/2005	90.5	8.6	2.51189E-09
1	Cook	0-5	7/8/2005	93.6	8.4	3.98107E-09
1	Cook	5-9	7/8/2005	88.1	8.6	2.51189E-09
1	Cook	5-9	7/8/2005	88.2	8.9	1.25893E-09
1	Cook	0-5	7/8/2005	92.8	8.4	3.98107E-09
1	Cook	5-9	7/8/2005	86.9	8.1	7.94328E-09
1	Cook	5-9	7/8/2005	85.9	8	0.00000001
1	Cook	5-9	7/8/2005	85.2	8.6	2.51189E-09
1	Cook	0-4.5	7/8/2005	88.1	8.9	1.25893E-09
1	Cook	4.5-8.5	7/8/2005	86.7	8.7	1.99526E-09
1	Cook	4.5-8.5	7/8/2005	86.7	8.8	1.58489E-09
1	Cook	0-5	7/8/2005	86.8	8.5	3.16228E-09
1	Cook	3.5-6.5	7/8/2005	82.2	8.5	3.16228E-09
1	Cook	0-4	7/8/2005	87.5	8.6	2.51189E-09
1	Cook	4-7.5	7/8/2005	79.9	8.3	5.01187E-09
1	Cook	4-7.5	7/8/2005	85	8.9	1.25893E-09
1	Cook	4-8	7/8/2005	82.1	8.8	1.58489E-09
1	Cook	0-6	7/11/2005	88.5	8.2	6.30957E-09
1	Cook	0-6	7/11/2005	90	8.4	3.98107E-09
1	Cook	12-18	7/11/2005	84.7	7.7	1.99526E-08
1	Cook	18-22.5	7/11/2005	85.5	8.2	6.30957E-09
1	Cook	6-12	7/11/2005	84.2	7.7	1.99526E-08
1	Cook	0-6	7/11/2005	93.1	8.1	7.94328E-09
1	Cook	12-18	7/11/2005	85.4	7.8	1.58489E-08
1	Cook	18-24	7/11/2005	88.1	7.9	1.25893E-08
1	Cook	6-12	7/11/2005	84.3	7.8	1.58489E-08
1	Cook	6-12	7/11/2005	83.9	7.8	1.58489E-08
1	Cook	12-18	7/11/2005	85.4	7.8	1.58489E-08
1	Cook	18-23.5	7/11/2005	86.5	8	0.00000001
1	Cook	6-12	7/11/2005	81.5	8.2	6.30957E-09
1	Cook	0-6	7/11/2005	80.9	8	0.00000001
1	Cook	0-4	7/11/2005	82.8	7.6	2.51189E-08
1	Cook	0-6	7/11/2005	87.7	8.3	5.01187E-09
1	Cook	0-5	7/11/2005	92.4	7.8	1.58489E-08
1	Cook	5-9	7/11/2005	81.6	7.7	1.99526E-08
1	Cook	5-9	7/11/2005	84.5	7.6	2.51189E-08
1	Cook	5-9	7/11/2005	83.7	7.8	1.58489E-08
1	Cook	0-6	7/11/2005	92.6	8.7	1.99526E-09
1	Cook	6-10.5	7/11/2005	84.3	8	0.00000001
1	Cook	5-10	7/11/2005	83.4	7.9	1.25893E-08
1	Cook	0-6	7/11/2005	92	8.3	5.01187E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-6	7/11/2005	91.3	8.4	3.98107E-09
1	Cook	6-10	7/11/2005	82.7	7.7	1.99526E-08
1	Cook	5-9	7/11/2005	84.4	7.8	1.58489E-08
1	Cook	0-6	7/11/2005	86.9	7.6	2.51189E-08
1	Cook	0-5	7/11/2005	92.6	7.5	3.16228E-08
1	Cook	0-6	7/11/2005	93	8	0.00000001
1	Cook	0-4	7/11/2005	91.9	9.9	1.25893E-10
1	Cook	0-5	7/11/2005	90.1	8.2	6.30957E-09
1	Cook	0-6	7/12/2005	88.1	8.8	1.58489E-09
1	Cook	6-12	7/12/2005	83.3	7.9	1.25893E-08
1	Cook	0-6	7/12/2005	88	8.3	5.01187E-09
1	Cook	6-12	7/12/2005	83.3	8.1	7.94328E-09
1	Cook	6-9.5	7/12/2005	84.5	8	0.00000001
1	Cook	9.5-12.5	7/12/2005	82.9	7.6	2.51189E-08
1	Cook	0-6	7/12/2005	86.5	8.1	7.94328E-09
1	Cook	6-9.5	7/12/2005	80.9	8.1	7.94328E-09
1	Cook	9.5-13	7/12/2005	83.2	7.9	1.25893E-08
1	Cook	6-9.5	7/12/2005	83.1	8.1	7.94328E-09
1	Cook	6-9.5	7/12/2005	81.8	8.1	7.94328E-09
1	Cook	9.5-12.5	7/12/2005	82.8	7.8	1.58489E-08
1	Cook	0-6	7/12/2005	88	8.4	3.98107E-09
1	Cook	6-12	7/12/2005	82.9	7.8	1.58489E-08
1	Cook	0-6	7/12/2005	87.9	8	0.00000001
1	Cook	6-9.5	7/12/2005	83.4	7.5	3.16228E-08
1	Cook	9.5-13	7/12/2005	83.9	7.6	2.51189E-08
1	Cook	0-4	7/12/2005	92.1	8.2	6.30957E-09
1	Cook	4-7.5	7/12/2005	81.2	8.6	2.51189E-09
1	Cook	0-4	7/12/2005	84.8	8.2	6.30957E-09
1	Cook	4-7.5	7/12/2005	84.2	8.6	2.51189E-09
1	Cook	4-8	7/12/2005	91.3	8.3	5.01187E-09
1	Cook	4-8	7/12/2005	92.8	8.7	1.99526E-09
1	Cook	0-6	7/12/2005	90	8.8	1.58489E-09
1	Cook	6-10.5	7/12/2005	85.3	7.9	1.25893E-08
1	Cook	6-10.5	7/12/2005	83.7	7.5	3.16228E-08
1	Cook	0-5	7/12/2005	90.2	8.6	2.51189E-09
1	Cook	5-10	7/12/2005	89	8.3	5.01187E-09
1	Cook	5-10	7/12/2005	84.1	8.4	3.98107E-09
1	Cook	0-5	7/12/2005	97.4	8.8	1.58489E-09
1	Cook	5-9	7/12/2005	85	7.9	1.25893E-08
1	Cook	5-9	7/12/2005	84.9	7.9	1.25893E-08
1	Cook	4.5-8.5	7/12/2005	85.1	7.7	1.99526E-08
1	Cook	0-4	7/12/2005	86.5	7.5	3.16228E-08
1	Cook	4-7	7/12/2005	88.6	7.7	1.99526E-08
1	Cook	0-6	7/12/2005	84.5	7.4	3.98107E-08
1	Cook	6-12	7/12/2005	93.4	8.2	6.30957E-09
1	Cook	7-12	7/12/2005	84	8	0.00000001
1	Cook	6-12	7/13/2005	79.3	8	0.00000001
1	Cook	3.5-6.5	7/13/2005	87.7	7.6	2.51189E-08
1	Cook	0-3.5	7/13/2005	89.1	7.7	1.99526E-08
1	Cook	3.5-6.5	7/13/2005	85.1	7.6	2.51189E-08
1	Cook	5-9	7/13/2005	85.2	7.7	1.99526E-08
1	Cook	0-4	7/13/2005	88.3	7.8	1.58489E-08
1	Cook	4-7.5	7/13/2005	85.1	7.8	1.58489E-08
1	Cook	0-5	7/13/2005	87	7.6	2.51189E-08
1	Cook	0-5	7/13/2005	85.3	8.2	6.30957E-09
1	Cook	5-9	7/13/2005	83.6	8.2	6.30957E-09
1	Cook	7-11	7/13/2005	84.1	8.2	6.30957E-09
1	Cook	6-12	7/13/2005	85.7	7.8	1.58489E-08
1	Cook	6-12	7/13/2005	85.7	7.8	1.58489E-08
1	Cook	6-12	7/13/2005	91.9	7.9	1.25893E-08
1	Cook	6-12	7/13/2005	83.8	7.7	1.99526E-08
1	Cook	6-12	7/13/2005	90.8	8.1	7.94328E-09
1	Cook	7-12	7/13/2005	82.6	7.8	1.58489E-08
1	Cook	6-12	7/13/2005	93.2	8.3	5.01187E-09
1	Cook	7-12	7/13/2005	84	8	0.00000001
1	Cook	6-12	7/13/2005	92	8.7	1.99526E-09
1	Cook	6-12	7/13/2005	89.6	8.9	1.25893E-09
1	Cook	6-12	7/13/2005	90.1	8	0.00000001
1	Cook	4-8	7/13/2005	78.9	7.9	1.25893E-08
1	Cook	0-5	7/14/2005	85.3	7.7	1.99526E-08
1	Cook	0-6	7/14/2005	88.6	8.1	7.94328E-09
1	Cook	0-4	7/14/2005	88.8	8.5	3.16228E-09
1	Cook	0-5.5	7/14/2005	86.9	7.6	2.51189E-08
1	Cook	0-6	7/14/2005	88.1	7.4	3.98107E-08
1	Cook	0-6	7/14/2005	85.8	7.4	3.98107E-08
1	Cook	0-4	7/14/2005	89.5	7.4	3.98107E-08
1	Cook	4-8	7/14/2005	85.2	7.6	2.51189E-08
1	Cook	4-7.5	7/14/2005	84.9	7.4	3.98107E-08
1	Cook	4-7.5	7/14/2005	85.1	7.6	2.51189E-08
1	Cook	0-6	7/15/2005	82.1	8.6	2.51189E-09
1	Cook	6-12	7/15/2005	83.1	7.8	1.58489E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	6-11	7/15/2005	84.9	7.7	1.99526E-08
1	Cook	6-11	7/15/2005	82.6	7.6	2.51189E-08
1	Cook	0-6	7/15/2005	83.1	8.4	3.98107E-09
1	Cook	6-11.5	7/15/2005	84.2	7.5	3.16228E-08
1	Cook	5-9	7/15/2005	82.8	8.2	6.30957E-09
1	Cook	9-12.5	7/15/2005	83.4	8.1	7.94328E-09
1	Cook	0-5	7/15/2005	84.7	9	0.00000001
1	Cook	0-5	7/15/2005	84.4	9	0.00000001
1	Cook	5-9	7/15/2005	83.9	8.6	2.51189E-09
1	Cook	9-13	7/15/2005	83.9	8.1	7.94328E-09
1	Cook	5-9.5	7/15/2005	82.1	7.9	1.25893E-08
1	Cook	9.5-13.5	7/15/2005	83.4	7.8	1.58489E-08
1	Cook	0-5	7/15/2005	85.8	8.8	1.58489E-09
1	Cook	10-15	7/15/2005	84.7	7.9	1.25893E-08
1	Cook	5-10	7/15/2005	83.4	8	0.00000001
1	Cook	10-14	7/15/2005	82.4	7.6	2.51189E-08
1	Cook	6-10	7/15/2005	82.2	7.7	1.99526E-08
1	Cook	0-5	7/15/2005	85.5	8.6	2.51189E-09
1	Cook	5-9	7/15/2005	81.7	7.8	1.58489E-08
1	Cook	9-13	7/15/2005	82.6	8.7	1.99526E-09
1	Cook	6-12	7/15/2005	83.5	7.7	1.99526E-08
1	Cook	0-6	7/15/2005	82.5	5.5	3.16228E-06
1	Cook	6-11	7/15/2005	83.8	7.7	1.99526E-08
1	Cook	5-10	7/15/2005	82.4	7.9	1.25893E-08
1	Cook	0-5	7/15/2005	92.2	8.3	5.01187E-09
1	Cook	5-9	7/15/2005	83.5	7.7	1.99526E-08
1	Cook	4-7.5	7/15/2005	89.5	8.2	6.30957E-09
1	Cook	4-7.5	7/15/2005	86.4	8.1	7.94328E-09
1	Cook	0-4	7/15/2005	90.6	8.6	2.51189E-09
1	Cook	4-7.5	7/15/2005	90.2	7.8	1.58489E-08
1	Cook	4-7.5	7/15/2005	97.8	8.4	3.98107E-09
1	Cook	4-7.5	7/15/2005	83.5	8.3	5.01187E-09
1	Cook	0-4	7/15/2005	92.7	8.5	3.16228E-09
1	Cook	4-8	7/15/2005	83	8.4	3.98107E-09
1	Cook	3.5-6.5	7/15/2005	77.2	8.4	3.98107E-09
1	Cook	0-3.5	7/15/2005	94.5	8.3	5.01187E-09
1	Cook	3.5-6.5	7/15/2005	82.2	10.1	7.94328E-11
1	Cook	10.5-13.5	7/18/2005	81.5	7.8	1.58489E-08
1	Cook	7-10.5	7/18/2005	96	8.4	3.98107E-09
1	Cook	5-10	7/18/2005	82.8	7.6	2.51189E-08
1	Cook	5-10	7/18/2005	82.5	7.9	1.25893E-08
1	Cook	0-5	7/18/2005	86.7	8.2	6.30957E-09
1	Cook	5-10	7/18/2005	82.7	8.2	6.30957E-09
1	Cook	10-13	7/18/2005	81.8	7.8	1.58489E-08
1	Cook	6-10	7/18/2005	76.3	7.6	2.51189E-08
1	Cook	6-11	7/18/2005	83.3	7.1	7.94328E-08
1	Cook	0-6	7/18/2005	85.5	8.4	3.98107E-09
1	Cook	6-12	7/18/2005	84.9	7.5	3.16228E-08
1	Cook	6-12	7/18/2005	83.1	7.5	3.16228E-08
1	Cook	7-12.5	7/18/2005	78.2	7.5	3.16228E-08
1	Cook	6-9.5	7/18/2005	74.2	8.2	6.30957E-09
1	Cook	9.5-12.5	7/18/2005	82	7.7	1.99526E-08
1	Cook	4-7.5	7/18/2005	82.4	7.6	2.51189E-08
1	Cook	10.5-14	7/18/2005	82.5	8	0.00000001
1	Cook	7-10.5	7/18/2005	79.6	8.2	6.30957E-09
1	Cook	5-9	7/18/2005	82.8	7.7	1.99526E-08
1	Cook	9-12.5	7/18/2005	84.6	7.6	2.51189E-08
1	Cook	0-6	7/18/2005	84.4	8.2	6.30957E-09
1	Cook	12-18	7/18/2005	85.5	7.7	1.99526E-08
1	Cook	6-12	7/18/2005	86	7.6	2.51189E-08
1	Cook	0-4	7/18/2005	85.6	7.5	3.16228E-08
1	Cook	6-11.5	7/18/2005	81.9	7.7	1.99526E-08
1	Cook	6-11.5	7/18/2005	81.3	7.7	1.99526E-08
1	Cook	7-11	7/18/2005	80.4	8.1	7.94328E-09
1	Cook	6-11.5	7/18/2005	80.1	7.7	1.99526E-08
1	Cook	6-11	7/18/2005	82.3	7.4	3.98107E-08
1	Cook	5-10	7/19/2005	85.1	7.8	1.58489E-08
1	Cook	6-12	7/19/2005	83.6	7.9	1.25893E-08
1	Cook	0-6	7/19/2005	88.3	7.7	1.99526E-08
1	Cook	0-3.5	7/19/2005	91.6	8	0.00000001
1	Cook	3.5-4.5	7/19/2005	83.2	7.8	1.58489E-08
1	Cook	3.5-7	7/19/2005	82.9	8.7	1.99526E-09
1	Cook	4-8	7/19/2005	83.8	7.9	1.25893E-08
1	Cook	0-4	7/19/2005	91.5	8.6	2.51189E-09
1	Cook	4-7.5	7/19/2005	83.3	7.3	5.01187E-08
1	Cook	3.5-7	7/19/2005	82.4	7.8	1.58489E-08
1	Cook	0-3.5	7/19/2005	93.6	8.1	7.94328E-09
1	Cook	0-3.5	7/19/2005	93.3	7.8	1.58489E-08
1	Cook	3.5-7	7/19/2005	85.7	7.6	2.51189E-08
1	Cook	0-5	7/19/2005	89.2	8.1	7.94328E-09
1	Cook	0-5	7/19/2005	86.5	7.5	3.16228E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-5	7/19/2005	85.8	7.6	2.51189E-08
1	Cook	0-5.5	7/19/2005	86.8	7.6	2.51189E-08
1	Cook	0-5	7/19/2005	94	8.2	6.30957E-09
1	Cook	0-6	7/19/2005	88.9	8.2	6.30957E-09
1	Cook	7-10	7/19/2005	82.2	7.9	1.25893E-08
1	Cook	7-12	7/19/2005	83.9	7.6	2.51189E-08
1	Cook	6-12	7/19/2005	83.7	7.7	1.99526E-08
1	Cook	7-11	7/19/2005	84.2	7.8	1.58489E-08
1	Cook	6-11.5	7/19/2005	84	7.6	2.51189E-08
1	Cook	6-11	7/19/2005	79.5	8.4	3.98107E-09
1	Cook	7-11	7/19/2005	81.2	7.7	1.99526E-08
1	Cook	6-11	7/19/2005	83.4	7.8	1.58489E-08
1	Cook	6-11	7/19/2005	74.1	8.8	1.58489E-09
1	Cook	0-6	7/20/2005	89.4	8.3	5.01187E-09
1	Cook	6-12	7/20/2005	83.7	7.7	1.99526E-08
1	Cook	6-12	7/20/2005	85.3	8	0.00000001
1	Cook	6-12	7/20/2005	84	8.3	5.01187E-09
1	Cook	0-5	7/20/2005	90.9	8.3	5.01187E-09
1	Cook	5-9.5	7/20/2005	89.2	8.4	3.98107E-09
1	Cook	9.5-13.5	7/20/2005	82.9	8.6	2.51189E-09
1	Cook	5-9.5	7/20/2005	89.2	8	0.00000001
1	Cook	9.5-13.5	7/20/2005	83.4	7.4	3.98107E-08
1	Cook	0-5	7/20/2005	93.2	8	0.00000001
1	Cook	5-9	7/20/2005	83.7	7.5	3.16228E-08
1	Cook	9-13	7/20/2005	84.1	7.9	1.25893E-08
1	Cook	5-9	7/20/2005	90.9	7.8	1.58489E-08
1	Cook	5-9	7/20/2005	90.3	7.7	1.99526E-08
1	Cook	9-13	7/20/2005	84.2	7.3	5.01187E-08
1	Cook	0-5	7/20/2005	93.3	9	0.00000001
1	Cook	5-9	7/20/2005	92.1	8.8	1.58489E-09
1	Cook	9-13	7/20/2005	90.4	8.6	2.51189E-09
1	Cook	6-9.5	7/20/2005	91.8	8.2	6.30957E-09
1	Cook	9.5-12.5	7/20/2005	91.3	7.9	1.25893E-08
1	Cook	0-5.5	7/21/2005	94.1	8.7	1.99526E-09
1	Cook	5.5-10.5	7/21/2005	83.9	7.7	1.99526E-08
1	Cook	0-4	7/21/2005	80	7.7	1.99526E-08
1	Cook	0-4	7/21/2005	82.4	8	0.00000001
1	Cook	0-6	7/21/2005	89.4	8.4	3.98107E-09
1	Cook	0-6	7/21/2005	86.7	8.6	2.51189E-09
1	Cook	6-12	7/21/2005	89.8	8.3	5.01187E-09
1	Cook	0-5	7/21/2005	86.3	8.3	5.01187E-09
1	Cook	5-9	7/21/2005	86.6	7.7	1.99526E-08
1	Cook	9-12.5	7/21/2005	83.8	7.6	2.51189E-08
1	Cook	5-9	7/21/2005	82.4	7.6	2.51189E-08
1	Cook	9-12.5	7/21/2005	85.2	7.5	3.16228E-08
1	Cook	0-5	7/21/2005	81.9	8.9	1.25893E-09
1	Cook	5-9	7/21/2005	82.6	8.9	1.25893E-09
1	Cook	9-12.5	7/21/2005	83.6	7.5	3.16228E-08
1	Cook	5-9	7/21/2005	84.9	8	0.00000001
1	Cook	9-12.5	7/21/2005	84.9	7.6	2.51189E-08
1	Cook	0-6	7/21/2005	86.9	8.1	7.94328E-09
1	Cook	6-12	7/21/2005	82.8	8.1	7.94328E-09
1	Cook	5-11	7/21/2005	81.9	7.5	3.16228E-08
1	Cook	0-5	7/21/2005	83.8	7.3	5.01187E-08
1	Cook	0-5	7/21/2005	86.4	8	0.00000001
1	Cook	5-10	7/21/2005	80.4	7.8	1.58489E-08
1	Cook	5-10	7/21/2005	86.5	7.4	3.98107E-08
1	Cook	0-5	7/21/2005	82.2	8.5	3.16228E-09
1	Cook	5-9	7/21/2005	76	8.3	5.01187E-09
1	Cook	5-9	7/21/2005	81.5	8.8	1.58489E-09
1	Cook	0-4	7/21/2005	83.7	8.4	3.98107E-09
1	Cook	4-8	7/21/2005	82.2	8	0.00000001
1	Cook	5-9	7/21/2005	81.5	8.3	5.01187E-09
1	Cook	0-5	7/21/2005	83.6	9.1	7.94328E-10
1	Cook	5-9	7/21/2005	82.2	8.4	3.98107E-09
1	Cook	5-9	7/21/2005	82	8.2	6.30957E-09
1	Cook	5-9	7/21/2005	83.4	7.8	1.58489E-08
1	Cook	0-5	7/21/2005	82	8.4	3.98107E-09
1	Cook	5-9	7/21/2005	80.6	8.5	3.16228E-09
1	Cook	5-9.5	7/21/2005	80.9	8.1	7.94328E-09
1	Cook	0-5	7/21/2005	81.6	8.7	1.99526E-09
1	Cook	5-10	7/21/2005	81.5	8.5	3.16228E-09
1	Cook	5-9	7/21/2005	80.8	8.2	6.30957E-09
1	Cook	0-4	7/21/2005	87.7	7.6	2.51189E-08
1	Cook	4-8	7/21/2005	82.9	8	0.00000001
1	Cook	0-6	7/22/2005		9	0.00000001
1	Cook	6-11	7/22/2005		8	0.00000001
1	Cook	6-11	7/22/2005		8.3	5.01187E-09
1	Cook	6-11	7/22/2005		8.3	5.01187E-09
1	Cook	0-5	7/22/2005		9	0.00000001
1	Cook	5-10	7/22/2005		8.2	6.30957E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	5-10	7/22/2005		8.8	1.58489E-09
1	Cook	0-4.5	7/22/2005		8.3	5.01187E-09
1	Cook	4.5-8.5	7/22/2005		8.5	3.16228E-09
1	Cook	4.5-8.5	7/22/2005		9	0.000000001
1	Cook	0-4	7/22/2005		9	0.000000001
1	Cook	4-8	7/22/2005		8.2	6.30957E-09
1	Cook	4-8	7/22/2005		9.1	7.94328E-10
1	Cook	0-4	7/22/2005		9.1	7.94328E-10
1	Cook	4-7.5	7/22/2005		8	0.000000001
1	Cook	4-7.5	7/22/2005		8.7	1.99526E-09
1	Cook	0-4	7/22/2005	96.1	9.1	7.94328E-10
1	Cook	4-8	7/22/2005	76.4	7.7	1.99526E-08
1	Cook	5-9	7/22/2005	79.9	7.8	1.58489E-08
1	Cook	5.5-10.5	7/22/2005	82.7	7.7	1.99526E-08
1	Cook	0-5	7/22/2005	90.6	7.8	1.58489E-08
1	Cook	0-6	7/22/2005	86.6	8	0.000000001
1	Cook	0-6	7/22/2005	90.5	8.2	6.30957E-09
1	Cook	0-6	7/22/2005	88.7	8.2	6.30957E-09
1	Cook	6-12	7/22/2005	81.8	7.7	1.99526E-08
1	Cook	6-12	7/22/2005	82.6	8.6	2.51189E-09
1	Cook	0-6	7/22/2005	91.8	9	0.000000001
1	Cook	6-12	7/22/2005	81.9	7.7	1.99526E-08
1	Cook	6-12	7/22/2005	85.2	8.4	3.98107E-09
1	Cook	0-6	7/22/2005	91.4	8.7	1.99526E-09
1	Cook	6-11	7/22/2005	81.7	7.9	1.25893E-08
1	Cook	5-10	7/22/2005	82.4	8.2	6.30957E-09
1	Cook	12-18	7/27/2005	85.1	8.1	7.94328E-09
1	Cook	18-24	7/27/2005	85.7	8.4	3.98107E-09
1	Cook	6-12	7/27/2005	82.3	8.3	5.01187E-09
1	Cook	6-12	7/27/2005	83	8.3	5.01187E-09
1	Cook	5-10	7/27/2005	77.8	8.1	7.94328E-09
1	Cook	0-5	7/27/2005	79.3	8.7	1.99526E-09
1	Cook	5-9.5	7/27/2005	78.4	8.5	3.16228E-09
1	Cook	5-9.5	7/27/2005	81	7.7	1.99526E-08
1	Cook	0-0	7/27/2005	80.8	8.6	2.51189E-09
1	Cook	6-12	7/27/2005	82.9	8.2	6.30957E-09
1	Cook	0-5	7/27/2005	79.8	8.4	3.98107E-09
1	Cook	5-9	7/27/2005	80.5	8	0.000000001
1	Cook	9-12.5	7/27/2005	82.6	8	0.000000001
1	Cook	6-12	7/27/2005	78.2	7.7	1.99526E-08
1	Cook	0-6	7/27/2005	78.2	8.1	7.94328E-09
1	Cook	6-11.5	7/27/2005	79.9	8	0.000000001
1	Cook	6-11.5	7/27/2005	77.2	8.2	6.30957E-09
1	Cook	6-11.5	7/27/2005	79.9	8.1	7.94328E-09
1	Cook	0-5	7/27/2005	77.6	8.8	1.58489E-09
1	Cook	5-9	7/27/2005	75.7	8.4	3.98107E-09
1	Cook	5-9.5	7/27/2005	72.3	7.9	1.25893E-08
1	Cook	0-6	7/27/2005	83.6	8.5	3.16228E-09
1	Cook	0-6	7/27/2005	82.8	8	0.000000001
1	Cook	6-11	7/27/2005	75.5	7.9	1.25893E-08
1	Cook	6-11	7/27/2005	91.5	9.4	3.98107E-10
1	Cook	0-6	7/27/2005	83.5	8.5	3.16228E-09
1	Cook	6-11	7/27/2005	82	8.1	7.94328E-09
1	Cook	0-6	7/27/2005	85.6	8	0.000000001
1	Cook	12-18	7/27/2005	85.4	7.9	1.25893E-08
1	Cook	12-18	7/27/2005	85.2	8.2	6.30957E-09
1	Cook	18-24	7/27/2005	84.7	8.1	7.94328E-09
1	Cook	6-12	7/27/2005	82.7	8.1	7.94328E-09
1	Cook	0-6	7/27/2005	85.8	8.1	7.94328E-09
1	Cook	12-18	7/27/2005	85.3	8.1	7.94328E-09
1	Cook	18-24	7/27/2005	86.3	8	0.000000001
1	Cook	6-12	7/27/2005	83.4	8.4	3.98107E-09
1	Cook	18-24	7/27/2005	85.3	7.8	1.58489E-08
1	Cook	4-7.5	7/28/2005	83	7.4	3.98107E-09
1	Cook	0-4.5	7/28/2005	83	8.9	1.25893E-08
1	Cook	4.5-8.5	7/28/2005	79.5	8.5	3.16228E-09
1	Cook	5-9	7/28/2005	84.9	7.6	2.51189E-08
1	Cook	5-9	7/28/2005	83.1	7.5	3.16228E-08
1	Cook	5-9	7/28/2005	92.7	9.2	6.30957E-10
1	Cook	5-9	7/28/2005	83.3	8	0.000000001
1	Cook	0-5	7/28/2005	88.7	8.9	1.25893E-09
1	Cook	5-10	7/28/2005	82.9	7.8	1.58489E-08
1	Cook	5-10	7/28/2005	82.8	7.6	2.51189E-08
1	Cook	5-10	7/28/2005	83.6	8.2	6.30957E-09
1	Cook	5-9	7/28/2005	81.8	7.8	1.58489E-08
1	Cook	0-4.5	7/28/2005	80.6	8.4	3.98107E-09
1	Cook	0-4.5	7/28/2005	81.3	7.8	1.58489E-08
1	Cook	4.5-8.5	7/28/2005	82.3	8.1	7.94328E-09
1	Cook	0-4	7/28/2005	82.8	8.3	5.01187E-09
1	Cook	0-3.5	7/28/2005	83.9	8.8	1.58489E-09
1	Cook	3.5-6.5	7/28/2005	83.8	7.9	1.25893E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	4-7.5	7/28/2005	87.6	8.7	1.99526E-09
1	Cook	0-5	7/28/2005	88	8.8	1.58489E-09
1	Cook	5-10	7/28/2005	88	8.7	1.99526E-09
1	Cook	6-10.5	7/28/2005	84.7	9.2	6.30957E-10
1	Cook	6-10.5	7/28/2005	83.3	9.2	6.30957E-10
1	Cook	0-6	7/28/2005	86.1	9.6	2.51189E-10
1	Cook	6-10.5	7/28/2005	84.3	9.1	7.94328E-10
1	Cook	6-10.5	7/28/2005	86.1	7.7	1.99526E-08
1	Cook	0-6	7/28/2005	87.7	8.3	5.01187E-09
1	Cook	6-11	7/28/2005	85.9	7.9	1.25893E-08
1	Cook	6-11	7/28/2005	87.1	7.7	1.99526E-08
1	Cook	0-6	7/28/2005	87.9	7.5	3.16228E-08
1	Cook	6-12	7/28/2005	87.3	7.7	1.99526E-08
1	Cook	6-12	7/28/2005	84.6	8.2	6.30957E-09
1	Cook	6-12	7/28/2005	84.3	8.2	6.30957E-09
1	Cook	0-6	7/28/2005	85.1	8.5	3.16228E-09
1	Cook	6-11	7/28/2005	84.6	8.1	7.94328E-09
1	Cook	6-11.5	7/28/2005	85.5	8.2	6.30957E-09
1	Cook	0-6	7/28/2005	81.2	8	0.00000001
1	Cook	6-11	7/28/2005	80.2	8.3	5.01187E-09
1	Cook	6-11.5	7/28/2005	89.4	9	0.00000001
1	Cook	0-3.5	7/28/2005	91.6	7.7	1.99526E-08
1	Cook	0-4	7/28/2005	87.4	9.2	6.30957E-10
1	Cook	4-8	7/28/2005	81.9	8.3	5.01187E-09
1	Cook	4-7.5	7/28/2005	86.6	8.6	2.51189E-09
1	Cook	0-4	7/28/2005	88.1	8.6	2.51189E-09
1	Cook	4-7.5	7/28/2005	85	8.6	2.51189E-09
1	Cook	0-6	7/28/2005	79.8	8.9	1.25893E-09
1	Cook	6-11.5	7/28/2005	76.9	8	0.00000001
1	Cook	0-5	7/28/2005	88.5	8.2	6.30957E-09
1	Cook	5-9	7/28/2005	82.2	8.4	3.98107E-09
1	Cook	0-6	7/28/2005	79.5	8.6	2.51189E-09
1	Cook	6-12	7/28/2005	82.3	8.4	3.98107E-09
1	Cook	6-10.5	7/28/2005	76.7	8.2	6.30957E-09
1	Cook	0-5	7/28/2005	78.3	8.5	3.16228E-09
1	Cook	5-9	7/28/2005	82.3	8	0.00000001
1	Cook	4.5-8.5	7/28/2005	87.7	7.4	3.98107E-08
1	Cook	4.5-8.5	7/28/2005	82.2	7.4	3.98107E-08
1	Cook	0-4.5	7/28/2005	83.5	7.9	1.25893E-08
1	Cook	4.5-8.5	7/28/2005	77.7	7.5	3.16228E-08
1	Cook	4-8	7/28/2005	89.8	7.5	3.16228E-08
1	Cook	0-5	7/28/2005	85.8	8.4	3.98107E-09
1	Cook	5-9	7/28/2005	84.6	7.8	1.58489E-08
1	Cook	9-13	7/28/2005	77	8.6	2.51189E-09
1	Cook	5-9	7/28/2005	79	7.3	5.01187E-08
1	Cook	5-9	7/28/2005	84.3	7.4	3.98107E-08
1	Cook	9-13	7/28/2005	85.5	8.2	6.30957E-09
1	Cook	0-5	7/28/2005	79.2	7.8	1.58489E-08
1	Cook	5-9	7/28/2005	82.8	7.4	3.98107E-08
1	Cook	9-13	7/28/2005	85.4	8.2	6.30957E-09
1	Cook	6-11	7/28/2005	82.9	8.1	7.94328E-09
1	Cook	5-9	7/28/2005	91.7	8.7	1.99526E-09
1	Cook	0-6	7/28/2005	85.9	8.9	1.25893E-09
1	Cook	6-12	7/28/2005	83.8	7.6	2.51189E-08
1	Cook	6-11	7/28/2005	77.4	8.5	3.16228E-09
1	Cook	0-4	7/29/2005	90.9	7.9	1.25893E-08
1	Cook	4-8	7/29/2005	84.4	8.1	7.94328E-09
1	Cook	4.5-8.5	7/29/2005	82.3	8.2	6.30957E-09
1	Cook	4.5-8.5	7/29/2005	84.1	8.2	6.30957E-09
1	Cook	0-5	7/29/2005	88.1	8.6	2.51189E-09
1	Cook	5-9	7/29/2005	87.1	8.3	5.01187E-09
1	Cook	6-11	7/29/2005	83.5	7.9	1.25893E-08
1	Cook	0-6	7/29/2005	88	8.5	3.16228E-09
1	Cook	6-12	7/29/2005	83.7	8.4	3.98107E-09
1	Cook	6-11.5	7/29/2005	80.7	7.7	1.99526E-08
1	Cook	0-6	7/29/2005	92.5	8.2	6.30957E-09
1	Cook	6-12	7/29/2005	82.7	7.8	1.58489E-08
1	Cook	6-11	7/29/2005	82.9	8.3	5.01187E-09
1	Cook	0-6	7/29/2005	88.5	8.6	2.51189E-09
1	Cook	0-6	7/29/2005	87.6	8.4	3.98107E-09
1	Cook	6-11	7/29/2005	83.4	8.3	5.01187E-09
1	Cook	6-11	7/29/2005	82.6	8.3	5.01187E-09
1	Cook	6-8	9/7/2005	85.3	8.3	5.01187E-09
1	Cook	6-8	9/7/2005	86.1	7.2	6.30957E-08
1	Cook	6-8	9/7/2005	86	8.4	3.98107E-09
1	Cook	6-8	9/7/2005	84.7	7.7	1.99526E-08
1	Cook	6-8	9/7/2005	82.7	7.6	2.51189E-08
1	Cook	4-6	9/8/2005	85.2	8	0.00000001
1	Cook	4-6	9/8/2005	85.5	8.7	1.99526E-09
1	Cook	4-6	9/8/2005	83.3	8.2	6.30957E-09
1	Cook	2-4	9/8/2005	88.5	11.2	6.30957E-12

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	4-6	9/8/2005	86.1	8	0.00000001
1	Cook	4-6	9/8/2005	84.3	7.7	1.99526E-08
1	Cook	2-4	9/8/2005	96.3	8.5	3.16228E-09
1	Cook	8-10	9/9/2005	89.4	8	0.00000001
1	Cook	4-6	9/9/2005	85.7	8.2	6.30957E-09
1	Cook	2-4	9/9/2005	86.6	7.4	3.98107E-08
1	Cook	6-8	9/9/2005	78.6	7.5	3.16228E-08
1	Cook	16-18	3/6/2006	82.2	8.2	6.30957E-09
1	Cook	0-2	3/6/2006	89.6	8	0.00000001
1	Cook	6-9	3/6/2006	84.2	8.3	5.01187E-09
1	Cook	6-8	3/7/2006	87.3	7.9	1.25893E-08
1	Cook	8-10	3/7/2006	89.5	10.4	3.98107E-11
1	Cook	12-14	3/7/2006	84.8	9.4	3.98107E-10
1	Cook	6-8	3/7/2006	88.5	8.2	6.30957E-09
1	Cook	4-6	3/7/2006	83.8	11.3	5.01187E-12
1	Cook	8-10	3/8/2006	94.1	8.1	7.94328E-09
1	Cook	6-8	3/8/2006	89.6	9	0.00000001
1	Cook	8-10	3/8/2006	87.5	9.3	5.01187E-10
1	Cook	10-12	3/8/2006	93.2	10.2	6.30957E-11
1	Cook	12-14	3/8/2006	84.7	9.7	1.99526E-10
1	Cook	2-4	3/9/2006	90.3	10.1	7.94328E-11
1	Cook	8-10	3/9/2006	84.8	11.2	6.30957E-12
1	Cook	14-16	3/9/2006	82.4	11.2	6.30957E-12
1	Cook	14-16	3/9/2006	87.3	11.1	7.94328E-12
1	Cook	16-18	3/9/2006	91.6	10.9	1.25893E-11
1	Cook	8-10	3/10/2006	88.4	9	0.00000001
1	Cook	16-18	3/10/2006	89.8	10.2	6.30957E-11
1	Cook	18-20	3/10/2006	87.2	11.3	5.01187E-12
1	Cook	6-8	3/10/2006	88.9	10.8	1.58489E-11
1	Cook	6-8	3/10/2006	85.8	11	1E-11
1	Cook	2-4	3/13/2006	86.6	9.1	7.94328E-10
1	Cook	12-14	3/13/2006	85.3	10.5	3.16228E-11
1	Cook	4-6	3/13/2006	90	9.5	3.16228E-10
1	Cook	8-10	3/13/2006	84.9	8.6	2.51189E-09
1	Cook	10-12	3/13/2006	86.8	8.3	5.01187E-09
1	Cook	4-6	3/20/2006	84.7	10.5	3.16228E-11
1	Cook	10-12	3/20/2006	93.6	8.6	2.51189E-09
1	Cook	6-8	3/20/2006	92.6	8.4	3.98107E-09
1	Cook	2-4	3/20/2006	82.2	8	0.00000001
1	Cook	4-6	3/20/2006	85.1	8.4	3.98107E-09
1	Cook	4-8.5	3/21/2006	91.3	8.7	1.99526E-09
1	Cook	4-6	3/21/2006	91.6	11.2	6.30957E-12
1	Cook	2-4	3/21/2006	96.7	8.8	1.58489E-09
1	Cook	2-4	3/21/2006	95	8.9	1.25893E-09
1	Cook	4-6	3/21/2006	94.4	10.8	1.58489E-11
1	Cook	0-2	3/21/2006	85.2	8.5	3.16228E-09
1	Cook	0-2	3/21/2006	83.3	8.2	6.30957E-09
1	Cook	2-6	3/21/2006	88.4	9.1	7.94328E-10
1	Cook	2-4	3/21/2006	94.9	7.5	3.16228E-08
1	Cook	6-6.5	3/22/2006	94.1	8.5	3.16228E-09
1	Cook	2-4	3/22/2006	92.7	9.2	6.30957E-10
1	Cook	6-8	3/22/2006	87.2	7.5	3.16228E-08
1	Cook	2-4	3/22/2006	95.2	8.7	1.99526E-09
1	Cook	0-2	3/22/2006	90.1	8.6	2.51189E-09
1	Cook	6-7.5	3/22/2006	89.6	8.6	2.51189E-09
1	Cook	0-2	3/22/2006	94.2	7.8	1.58489E-08
1	Cook	4-6	3/28/2006	95.6	8.7	1.99526E-09
1	Cook	0-2	3/28/2006	83.6	9	0.00000001
1	Cook	4-6	3/28/2006	88.9	8.4	3.98107E-09
1	Cook	0-4	3/28/2006	86	9	0.00000001
1	Cook	0-2	3/28/2006	89.9	8.6	2.51189E-09
1	Cook	0-2	3/28/2006	96.2	10	1E-10
1	Cook	2-4	3/28/2006	90.4	8.4	3.98107E-09
1	Cook	2-4	3/28/2006	93.2	8.3	5.01187E-09
1	Cook	2-4	3/28/2006	96.2	8.6	2.51189E-09
1	Cook	4-6	3/29/2006	92	8.6	2.51189E-09
1	Cook	4-6	3/29/2006	87.9	9.7	1.99526E-10
1	Cook	2-4	3/29/2006	83	8.2	6.30957E-09
1	Cook	2-4	3/29/2006	93	12.4	3.98107E-13
1	Cook	0-2	3/29/2006	81.3	8.4	3.98107E-09
1	Cook	2-4	3/29/2006	87.2	8.4	3.98107E-09
1	Cook	0-2	3/29/2006	81.8	8.2	6.30957E-09
1	Cook	0-2	3/29/2006	83.1	8.4	3.98107E-09
1	Cook	2-4	3/29/2006	94.6	8.5	3.16228E-09
1	Cook	2-4	3/29/2006	88.6	9.2	6.30957E-10
1	Cook	4-6	3/29/2006	92.2	8.3	5.01187E-09
1	Cook	2-4	3/30/2006	94.9	8.4	3.98107E-09
1	Cook	4-6	3/30/2006	92.4	8.9	1.25893E-09
1	Cook	4-6	3/30/2006	91.3	8.7	1.99526E-09
1	Cook	4-6	3/30/2006	66.1	9	0.00000001
1	Cook	2-4	3/30/2006	88.1	11.1	7.94328E-12

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	4-6	3/30/2006	88.8	9.3	5.01187E-10
1	Cook	0-2	3/30/2006	87.7	11.6	2.51189E-12
1	Cook	2-4	4/6/2006	82.8	8	0.00000001
1	Cook	1-3	4/7/2006	84.3	7.8	1.58489E-08
1	Cook	0-1	4/7/2006	83.6	9.2	6.30957E-10
1	Cook	2-4	4/7/2006	88	8.5	3.16228E-09
1	Cook	2-4	4/7/2006	91.2	8	0.00000001
1	Cook	2-4	4/7/2006	85.7	8.5	3.16228E-09
1	Cook	0-2	8/30/2006	77.1	8	0.00000001
1	Cook	4-6	8/30/2006	81.8	8.2	6.30957E-09
1	Cook	2-4	8/31/2006	83.7	8	0.00000001
1	Cook	0-2	8/31/2006	80.3	8.6	2.51189E-09
1	Cook	4-6	8/31/2006	84.5	8.2	6.30957E-09
1	Cook	2-4	8/31/2006	82.3	7.6	2.51189E-08
1	Cook	2-4	8/31/2006	83.2	7.4	3.98107E-08
1	Cook	6-8	8/31/2006	87.5	8.1	7.94328E-09
1	Cook	0-2	8/31/2006	83	7.3	5.01187E-08
1	Cook	2-4	8/31/2006	82.1	7.7	1.99526E-08
1	Cook	6-8	9/1/2006	83.6	7.1	7.94328E-08
1	Cook	6-8	9/1/2006	80.1	7.2	6.30957E-08
1	Cook	6-8	9/1/2006	78.7	7.5	3.16228E-08
1	Cook	0-2	9/1/2006	84.3	7.8	1.58489E-08
1	Cook	0-2	9/1/2006	85.1	8	0.00000001
1	Cook	4-6	9/1/2006	87.5	8.4	3.98107E-09
1	Cook	0-2	9/1/2006	80.6	8.3	5.01187E-09
1	Cook	0-2	9/5/2006	83.8	8.2	6.30957E-09
1	Cook	2-4	9/5/2006	82.7	7.6	2.51189E-08
1	Cook	4-6	9/5/2006	75.4	7.8	1.58489E-08
1	Cook	0-2	9/5/2006	85.6	8.8	1.58489E-09
1	Cook	0-2	9/5/2006	79.5	8.4	3.98107E-09
1	Cook	0-2	9/5/2006	83.4	7.9	1.25893E-08
1	Cook	0-2	9/5/2006	83.1	8.2	6.30957E-09
1	Cook	0-2	9/5/2006	84.4	8.8	1.58489E-09
1	Cook	0-2	10/30/2006	90.3	9	0.00000001
1	Cook	2-7	10/30/2006	83.1	9	0.00000001
1	Cook	7-12	10/30/2006	83.2	8.6	2.51189E-09
1	Cook	0-2	10/30/2006	84.1	8.6	2.51189E-09
1	Cook	2-7	10/30/2006	78.4	8.2	6.30957E-09
1	Cook	2-7	10/30/2006	77.9	8.2	6.30957E-09
1	Cook	7-12	10/30/2006	82.9	8.3	5.01187E-09
1	Cook	0-2	10/30/2006	89.6	9	0.00000001
1	Cook	2-7	10/30/2006	83.6	8.4	3.98107E-09
1	Cook	7-12	10/30/2006	84.1	8.6	2.51189E-09
1	Cook	0-2	10/30/2006	85.2	8.2	6.30957E-09
1	Cook	2-7	10/30/2006	77.8	7.7	1.99526E-08
1	Cook	7-12	10/30/2006	82.9	8.8	1.58489E-09
1	Cook	0-2	10/31/2006	81.5	8.1	7.94328E-09
1	Cook	2-7	10/31/2006	74.9	7.8	1.58489E-08
1	Cook	7-12	10/31/2006	97.7	8.1	7.94328E-09
1	Cook	0-2	10/31/2006	85.8	8.2	6.30957E-09
1	Cook	2-7	10/31/2006	80.1	7	0.00000001
1	Cook	7-12	10/31/2006	82.9	8.1	7.94328E-09
1	Cook	0-2	10/31/2006	82.2	8.2	6.30957E-09
1	Cook	2-7	10/31/2006	82.2	7.7	1.99526E-08
1	Cook	7-12	10/31/2006	82.4	8.2	6.30957E-09
1	Cook	0-2	10/31/2006	87.4	8.4	3.98107E-09
1	Cook	2-7	10/31/2006	85.4	8.1	7.94328E-09
1	Cook	7-12	10/31/2006	84.9	7.9	1.25893E-08
1	Cook	0-2	10/31/2006	95	7.7	1.99526E-08
1	Cook	2-7	10/31/2006	79.6	7.9	1.25893E-08
1	Cook	0-0	10/31/2006	73.6	7.8	1.58489E-09
1	Cook	7-12	10/31/2006	84.6	8.2	6.30957E-09
1	Cook	0-2	10/31/2006	84.2	8.7	1.99526E-09
1	Cook	2-7	10/31/2006	80.1	8.3	5.01187E-09
1	Cook	2-7	10/31/2006	82.5	8.5	3.16228E-09
1	Cook	7-12	10/31/2006	80.4	8.4	3.98107E-09
1	Cook	0-2	10/31/2006	82.9	8.7	1.99526E-09
1	Cook	2-7	10/31/2006	81	7.7	1.99526E-08
1	Cook	7-12	10/31/2006	88.8	8	0.00000001
1	Cook	0-2	10/31/2006	82.1	9.6	2.51189E-10
1	Cook	2-7	10/31/2006	76.8	8.8	1.58489E-09
1	Cook	7-12	10/31/2006	83.2	8.6	2.51189E-09
1	Cook	0-2	11/1/2006	97.1	9.1	7.94328E-10
1	Cook	12-17	11/1/2006	85.6	8	0.00000001
1	Cook	17-20	11/1/2006	90.2	8.1	7.94328E-09
1	Cook	2-7	11/1/2006	81.8	8.4	3.98107E-09
1	Cook	7-12	11/1/2006	85.4	8.8	1.58489E-09
1	Cook	0-2	11/1/2006	84.8	8.9	1.25893E-09
1	Cook	2-7	11/1/2006	78.3	7.8	1.58489E-08
1	Cook	2-7	11/1/2006	77.6	7.6	2.51189E-08
1	Cook	7-12	11/1/2006	81.8	8	0.00000001

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-2	11/1/2006	82.7	11.1	7.94328E-12
1	Cook	2-7	11/1/2006	83.5	7.6	2.51189E-08
1	Cook	7-12	11/1/2006	88.7	7.8	1.58489E-08
1	Cook	0-2	11/1/2006	85.7	11.5	3.16228E-12
1	Cook	2-7	11/1/2006	79.6	8.6	2.51189E-09
1	Cook	7-12	11/1/2006	85.2	9.2	6.30957E-10
1	Cook	0-2	11/1/2006	79.1	8	0.00000001
1	Cook	2-7	11/1/2006	78.7	8.4	3.98107E-09
1	Cook	2-7	11/1/2006	96.9	12	1E-12
1	Cook	7-12	11/1/2006	80.8	8.8	1.58489E-09
1	Cook	0-2	11/1/2006	88.9	9.4	3.98107E-10
1	Cook	2-7	11/1/2006	81.8	8.5	3.16228E-09
1	Cook	7-12	11/1/2006	81	8.7	1.99526E-09
1	Cook	0-2	11/1/2006	84.5	7.6	2.51189E-08
1	Cook	2-7	11/1/2006	79.7	7.8	1.58489E-08
1	Cook	7-12	11/1/2006	84.6	8.5	3.16228E-09
1	Cook	0-2	11/1/2006	79.9	8.2	6.30957E-09
1	Cook	2-7	11/1/2006	80.5	8.1	7.94328E-09
1	Cook	7-12	11/1/2006	84.4	8.5	3.16228E-09
1	Cook	0-2	11/1/2006	79.7	8.2	6.30957E-09
1	Cook	2-7	11/1/2006	83.6	8.6	2.51189E-09
1	Cook	2-7	11/1/2006	80.6	8.2	6.30957E-09
1	Cook	7-12	11/1/2006	81.5	8.8	1.58489E-09
1	Cook	0-2	11/1/2006	89.5	8.1	7.94328E-09
1	Cook	2-7	11/1/2006	83.9	8.1	7.94328E-09
1	Cook	7-12	11/1/2006	78.5	8.6	2.51189E-09
1	Cook	0-2	11/1/2006	79.8	9.5	3.16228E-10
1	Cook	2-7	11/1/2006	84.3	8.1	7.94328E-09
1	Cook	7-12	11/1/2006	81.3	8.2	6.30957E-09
1	Cook	0-2	11/2/2006	79.7	9.1	7.94328E-10
1	Cook	12-17	11/2/2006	83.5	8	0.00000001
1	Cook	2-7	11/2/2006	80.4	8.7	1.99526E-09
1	Cook	7-12	11/2/2006	82.5	8.2	6.30957E-09
1	Cook	0-2	11/2/2006	84.5	9.1	7.94328E-10
1	Cook	2-7	11/2/2006	74.9	8.1	7.94328E-09
1	Cook	7-12	11/2/2006	86.6	8.4	3.98107E-09
1	Cook	0-2	11/2/2006	87.7	11.9	1.25893E-12
1	Cook	2-7	11/2/2006	79	8.8	1.58489E-09
1	Cook	7-12	11/2/2006	82.8	8.5	3.16228E-09
1	Cook	0-2	11/2/2006	83.3	8.5	3.16228E-09
1	Cook	2-7	11/2/2006	82.4	8.8	1.58489E-09
1	Cook	2-7	11/2/2006	83.9	8.9	1.25893E-09
1	Cook	7-12	11/2/2006	84.2	8.6	2.51189E-09
1	Cook	0-2	11/2/2006	80.5	9.4	3.98107E-10
1	Cook	2-7	11/2/2006	80.2	8.4	3.98107E-09
1	Cook	7-12	11/2/2006	86.9	8.8	1.58489E-09
1	Cook	0-2	11/2/2006	81.7	8.2	6.30957E-09
1	Cook	2-7	11/2/2006	77.7	7.7	1.99526E-08
1	Cook	7-12	11/2/2006	84	8	0.00000001
1	Cook	0-2	11/2/2006	86.7	8.7	1.99526E-09
1	Cook	2-7	11/2/2006	81.6	8.1	7.94328E-09
1	Cook	7-12	11/2/2006	84.1	8	0.00000001
1	Cook	0-2	11/2/2006	86.5	9	0.00000001
1	Cook	2-7	11/2/2006	79.5	8.2	6.30957E-09
1	Cook	7-12	11/2/2006	83.6	8.2	6.30957E-09
1	Cook	7-12	11/2/2006	78	8.5	3.16228E-09
1	Cook	0-2	11/8/2006	82.7	8.2	6.30957E-09
1	Cook	2-7	11/8/2006	78.9	8.2	6.30957E-09
1	Cook	7-12	11/8/2006	83.3	8.6	2.51189E-09
1	Cook	0-2	11/8/2006	90.4	8.3	5.01187E-09
1	Cook	2-7	11/8/2006	85.1	8.4	3.98107E-09
1	Cook	7-12	11/8/2006	84.6	8.4	3.98107E-09
1	Cook	7-12	11/8/2006	81.2	8	0.00000001
1	Cook	0-2	11/8/2006	85.8	7.7	1.99526E-08
1	Cook	2-7	11/8/2006	85.1	7.8	1.58489E-08
1	Cook	7-12	11/8/2006	89.2	8.1	7.94328E-09
1	Cook	7-12	11/8/2006	85.5	8.1	7.94328E-09
1	Cook	0-2	11/8/2006	83.2	8.4	3.98107E-09
1	Cook	2-7	11/8/2006	81.7	7.8	1.58489E-08
1	Cook	7-12	11/8/2006	84.6	8.2	6.30957E-09
1	Cook	0-2	11/8/2006	95.1	8.9	1.25893E-09
1	Cook	2-7	11/8/2006	94.1	8.1	7.94328E-09
1	Cook	7-12	11/8/2006	84.1	8.2	6.30957E-09
1	Cook	0-2	11/8/2006	85.3	8.3	5.01187E-09
1	Cook	2-7	11/8/2006	83.4	8.1	7.94328E-09
1	Cook	7-12	11/8/2006	83.6	8.1	7.94328E-09
1	Cook	0-2	11/8/2006	80.8	8	0.00000001
1	Cook	2-7	11/8/2006	77.7	8.1	7.94328E-09
1	Cook	7-12	11/8/2006	88.2	8	0.00000001
1	Cook	7-12	11/8/2006	87.8	8.1	7.94328E-09
1	Cook	0-2	11/8/2006	83.1	8.1	7.94328E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	2-7	11/8/2006	84.5	8.7	1.99526E-09
1	Cook	7-12	11/8/2006	85	7.9	1.25893E-08
1	Cook	0-2	11/8/2006	79.8	8	0.00000001
1	Cook	2-7	11/8/2006	84.2	8.3	5.01187E-09
1	Cook	7-12	11/8/2006	84.4	7.9	1.25893E-08
1	Cook	0-0	11/28/2006	80.9	8.2	6.30957E-09
1	Cook	0-0	11/28/2006	77	8.2	6.30957E-09
1	Cook	0-0	11/28/2006	83.9	7.8	1.58489E-08
1	Cook	0-0	11/28/2006	80	8	0.00000001
1	Cook	0-0	11/28/2006	83	7.6	2.51189E-08
1	Cook	4-6	1/9/2007	85.1	8.7	1.99526E-09
1	Cook	2-4	1/9/2007	82.3	8.1	7.94328E-09
1	Cook	2-4	1/9/2007	84.2	8.4	3.98107E-09
1	Cook	2-4	1/9/2007	84.9	8.7	1.99526E-09
1	Cook	2-4	1/9/2007	85	8.3	5.01187E-09
1	Cook	2-4	1/9/2007	84.6	9.3	5.01187E-10
1	Cook	0-2	1/10/2007	82.9	8.6	2.51189E-09
1	Cook	0-2	1/10/2007	79.6	8.1	7.94328E-09
1	Cook	2-4	1/10/2007	84	9	0.00000001
1	Cook	0-2	1/10/2007	86.8	8.5	3.16228E-09
1	Cook	2-4	1/10/2007	82.2	8.2	6.30957E-09
1	Cook	0-2	1/10/2007	84.5	7.4	3.98107E-08
1	Cook	4-6	1/10/2007	85.3	9.2	6.30957E-10
1	Cook	0-2	1/10/2007	80.8	8.9	1.25893E-09
1	Cook	2-4	1/10/2007	83.1	9.5	3.16228E-10
1	Cook	2-4	1/10/2007	84	9.4	3.98107E-10
1	Cook	0-2	1/10/2007	85	8.8	1.58489E-09
1	Cook	0-2	1/10/2007	83.8	8.2	6.30957E-09
1	Cook	2-4	1/11/2007	82.6	9	0.00000001
1	Cook	2-4	1/11/2007	83.5	8.7	1.99526E-09
1	Cook	0-2	1/11/2007	85.5	9.5	3.16228E-10
1	Cook	2-4	1/11/2007	84.3	8.9	1.25893E-09
1	Cook	2-4	1/11/2007	84.9	8.8	1.58489E-09
1	Cook	2-4	1/18/2007	84.3	8.1	7.94328E-09
1	Cook	2-4	1/18/2007	80.4	8.1	7.94328E-09
1	Cook	2-4	1/18/2007	81.2	8	0.00000001
1	Cook	2-4	1/18/2007	83.3	8.1	7.94328E-09
1	Cook	12-14	2/20/2007	88.2	8.7	1.99526E-09
1	Cook	3-5	2/20/2007	95.9	11.4	3.98107E-12
1	Cook	7-9	2/20/2007	83.6	9.3	5.01187E-10
1	Cook	12-14	2/20/2007	80.5	8.7	1.99526E-09
1	Cook	2-4	2/20/2007	77.4	8.1	7.94328E-09
1	Cook	6-8	2/20/2007	76.2	9.3	5.01187E-10
1	Cook	11-13	2/20/2007	84.6	8	0.00000001
1	Cook	2-4	2/20/2007	85.9	8.2	6.30957E-09
1	Cook	7-9	2/20/2007	83.5	8.4	3.98107E-09
1	Cook	12-14	2/20/2007	84.7	8.2	6.30957E-09
1	Cook	2-4	2/20/2007	83.8	8.9	1.25893E-09
1	Cook	7-9	2/20/2007	80.3	8.7	1.99526E-09
1	Cook	12-14	2/20/2007	82	8.5	3.16228E-09
1	Cook	2-4	2/20/2007	85.2	8.8	1.58489E-09
1	Cook	6-8	2/20/2007	82.9	8.7	1.99526E-09
1	Cook	12-14	2/21/2007	85.1	8.6	2.51189E-09
1	Cook	2-4	2/21/2007	85.8	9.1	7.94328E-10
1	Cook	6-8	2/21/2007	87.7	8.8	1.58489E-09
1	Cook	12-14	2/21/2007	84.2	8.2	6.30957E-09
1	Cook	16-18	2/21/2007	89	7.5	3.16228E-08
1	Cook	2-4	2/21/2007	81.5	8.9	1.25893E-09
1	Cook	7-9	2/21/2007	81.6	9	0.00000001
1	Cook	12-14	2/21/2007	80	8.4	3.98107E-09
1	Cook	2-4	2/21/2007	81	7.9	1.25893E-08
1	Cook	6-8	2/21/2007	83.5	8.5	3.16228E-09
1	Cook	12-14	2/21/2007	81.8	8	0.00000001
1	Cook	2-4	2/21/2007	78.1	6.1	7.94328E-07
1	Cook	6-8	2/21/2007	84.2	8.2	6.30957E-09
1	Cook	12-14	2/21/2007	83.2	8	0.00000001
1	Cook	2-4	2/21/2007	79.1	8.9	1.25893E-09
1	Cook	6-8	2/21/2007	80.1	8.8	1.58489E-09
1	Cook	12-14	2/21/2007	84.4	8.2	6.30957E-09
1	Cook	2-4	2/21/2007	81.9	8.6	2.51189E-09
1	Cook	6-8	2/21/2007	84.4	8.5	3.16228E-09
1	Cook	12-14	2/21/2007	88.6	8.4	3.98107E-09
1	Cook	2-4	2/21/2007	81.6	7.8	1.58489E-08
1	Cook	6-8	2/21/2007	76.7	8.7	1.99526E-09
1	Cook	12-14	2/21/2007	84	7.9	1.25893E-08
1	Cook	2-4	2/21/2007	84.9	8.7	1.99526E-09
1	Cook	6-8	2/21/2007	83.6	8.2	6.30957E-09
1	Cook	1-3	2/22/2007	81.2	8.6	2.51189E-09
1	Cook	1-3	2/22/2007	83.5	8.5	3.16228E-09
1	Cook	6-7	2/22/2007	77.1	8.6	2.51189E-09
1	Cook	1-3	2/22/2007	81.4	8.8	1.58489E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	6-8	2/22/2007	83.9	8.6	2.51189E-09
1	Cook	1-3	2/22/2007	86.1	8.7	1.99526E-09
1	Cook	6-8	2/22/2007	86.3	8.7	1.99526E-09
1	Cook	1.5-3	2/22/2007	80.1	7.3	5.01187E-08
1	Cook	8-10	2/22/2007	84.9	9.1	7.94328E-10
1	Cook	1-3	2/22/2007	80.5	8.9	1.25893E-09
1	Cook	8-10	2/22/2007	84.1	8.3	5.01187E-09
1	Cook	1.5-3	2/22/2007	83.4	8.2	6.30957E-09
1	Cook	4.5-6	2/22/2007	82.3	8.5	3.16228E-09
1	Cook	1-3	2/22/2007	83.4	8.1	7.94328E-09
1	Cook	18-19	2/22/2007	87.5	8	0.00000001
1	Cook	12.5-14	2/22/2007	85.8	8.1	7.94328E-09
1	Cook	12.5-14	2/22/2007	87	7.5	3.16228E-08
1	Cook	1-3	2/22/2007	85.3	8.1	7.94328E-09
1	Cook	0-2	3/6/2007	78.7	7.7	1.99526E-08
1	Cook	2-4	3/6/2007	82.1	7.8	1.58489E-08
1	Cook	4-6	3/6/2007	82	8.1	7.94328E-09
1	Cook	0-2	3/6/2007	80.3	7.6	2.51189E-08
1	Cook	2-4	3/6/2007	80.8	8.6	2.51189E-09
1	Cook	8-10	3/6/2007	80.4	8.3	5.01187E-09
1	Cook	2-4	3/6/2007	77.1	7.7	1.99526E-08
1	Cook	4-6	3/7/2007	81.3	7.8	1.58489E-08
1	Cook	0-2	3/7/2007	77	10	1E-10
1	Cook	2-4	3/7/2007	80.1	8.5	3.16228E-09
1	Cook	6-8	3/7/2007	79	8.4	3.98107E-09
1	Cook	2-4	3/7/2007	82	8.7	1.99526E-09
1	Cook	2-4	3/7/2007	80.6	7.9	1.25893E-08
1	Cook	0-2	3/7/2007	77.6	7.6	2.51189E-08
1	Cook	0-2	3/7/2007	75.3	7.5	3.16228E-08
1	Cook	4-6	3/7/2007	81.1	8.4	3.98107E-09
1	Cook	2-4	3/7/2007	82.5	8.4	3.98107E-09
1	Cook	0-2	3/8/2007	73.6	8	0.00000001
1	Cook	4-6	3/8/2007	82.5	8.4	3.98107E-09
1	Cook	2-4	3/8/2007	81	8.4	3.98107E-09
1	Cook	2-4	3/8/2007	82	8.5	3.16228E-09
1	Cook	2-4	3/8/2007	81.3	8.4	3.98107E-09
1	Cook	12-14	4/24/2007	85	7.94	1.14815E-08
1	Cook	4-6	4/24/2007	75	7.68	2.0893E-08
1	Cook	8-10	4/24/2007	85	8.1	7.94328E-09
1	Cook	2-4	4/24/2007	87	8.42	3.80189E-09
1	Cook	6-8	4/24/2007	88	8.55	2.81838E-09
1	Cook	8-10	4/25/2007	85	8.3	5.01187E-09
1	Cook	6-8	4/25/2007	83	8.28	5.24807E-09
1	Cook	4-6	4/25/2007	85	8.75	1.77828E-09
1	Cook	4-6	4/25/2007	85	8.78	1.65959E-09
1	Cook	8-10	4/25/2007	85	8.32	4.7863E-09
1	Cook	0-2	4/25/2007	86	8.82	1.51356E-09
1	Cook	8-10	4/26/2007	84	8.48	3.31131E-09
1	Cook	0-2	4/26/2007	74	6.71	1.94984E-07
1	Cook	6-8	4/26/2007	89	9.14	7.24436E-10
1	Cook	6-8	4/26/2007	73	8.09	8.12831E-09
1	Cook	4-6	4/26/2007	83	8.2	6.30957E-09
1	Cook	2-4	4/26/2007	85	8.02	9.54993E-09
1	Cook	6-8	4/26/2007	86	8.38	4.16869E-09
1	Cook	2-4	4/27/2007	82	8.6	2.51189E-09
1	Cook	2-4	4/27/2007	83	8.47	3.38844E-09
1	Cook	2-4	4/27/2007	80	7.99	1.02329E-08
1	Cook	8-10	4/27/2007	83	8.41	3.89045E-09
1	Cook	2-4	4/27/2007	81	8.4	3.98107E-09
1	Cook	2-4	4/27/2007	86	8.58	2.63027E-09
1	Cook	8-10	4/27/2007	83	8.8	1.58489E-09
1	Cook	8-10	4/30/2007	82	8.52	3.01995E-09
1	Cook	4-6	4/30/2007	85	8.65	2.23872E-09
1	Cook	0-2	4/30/2007	83	7.92	1.20226E-08
1	Cook	6-8	4/30/2007	87	8.56	2.75423E-09
1	Cook	8-10	4/30/2007	84	8.67	2.13796E-09
1	Cook	8-10	4/30/2007	83	8.74	1.8197E-09
1	Cook	2-4	5/1/2007	81	9.06	8.70964E-10
1	Cook	4-6	5/1/2007	82	8.97	1.07152E-09
1	Cook	6-8	5/1/2007	80	8.62	2.39883E-09
1	Cook	4-6	5/1/2007	79	8.48	3.31131E-09
1	Cook	8-10	5/1/2007	81	8.03	9.33254E-09
1	Cook	2-4	5/1/2007	77	7.13	7.4131E-08
1	Cook	8-10	5/1/2007	79	8.37	4.2658E-09
1	Cook	6-8	5/1/2007	84	8.69	2.04174E-09
1	Cook	6-8	5/2/2007	85	8.56	2.75423E-09
1	Cook	4-6	5/2/2007	83	8.45	3.54813E-09
1	Cook	8-10	5/2/2007	87	7.97	1.07152E-08
1	Cook	0-2	5/2/2007	84	8.47	3.38844E-09
1	Cook	0-2	5/2/2007	83	8.34	4.57088E-09
1	Cook	3-5	8/6/2007		8.19	6.45654E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	3-5	8/6/2007		8.42	3.80189E-09
1	Cook	3-5	8/6/2007		8.16	6.91831E-09
1	Cook	3-5	8/6/2007		8.18	6.60693E-09
1	Cook	3-5	8/6/2007		8.21	6.16595E-09
1	Cook	3-5	8/6/2007		7.82	1.51356E-08
1	Cook	3-5	8/6/2007		7.43	3.71535E-08
1	Cook	3-5	8/6/2007		9.11	7.76247E-10
1	Cook	3-5	8/6/2007		9.03	9.33254E-10
1	Cook	3-5	8/6/2007		9.12	7.58578E-10
1	Cook	3-5	8/6/2007		9.43	3.71535E-10
1	Cook	3-5	8/6/2007		8.83	1.47911E-09
1	Cook	3-5	8/8/2007		8.56	2.75423E-09
1	Cook	3-5	8/8/2007		8.88	1.31826E-09
1	Cook	3-5	8/8/2007		8.19	6.45654E-09
1	Cook	3-5	8/8/2007		4.71	1.94984E-05
1	Cook	3-5	8/8/2007		4.63	2.34423E-05
1	Cook	3-5	8/8/2007		7.81	1.54882E-08
1	Cook	3-5	8/8/2007		7.31	4.89779E-08
1	Cook	3-5	8/8/2007		7.46	3.46737E-08
1	Cook	2-4	12/4/2007	81	8.99	1.02329E-09
1	Cook	2-4	12/4/2007	92	7.93	1.1749E-08
1	Cook	0-2	12/4/2007	96	8.72	1.90546E-09
1	Cook	2-4	12/4/2007	75	7.06	8.70964E-08
1	Cook	2-4	12/4/2007	82	7.85	1.41254E-08
1	Cook	2-4	12/4/2007	85	7.91	1.23027E-08
1	Cook	2-4	12/4/2007	96	7.51	3.0903E-08
1	Cook	2-4	12/4/2007	92	7.39	4.0738E-08
1	Cook	2-4	12/4/2007	89	8.16	6.91831E-09
1	Cook	0-2	12/4/2007	91	7.31	4.89779E-08
1	Cook	0-2	12/5/2007	87	7.67	2.13796E-08
1	Cook	2-4	12/5/2007	90	7.59	2.5704E-08
1	Cook	2-4	12/5/2007	77	7.37	4.2658E-08
1	Cook	0-2	12/5/2007	87	7.41	3.89045E-08
1	Cook	0-2	12/5/2007	74	8.01	9.77237E-09
1	Cook	2-4	12/5/2007	88	7.59	2.5704E-08
1	Cook	0-2	12/5/2007	89	7.97	1.07152E-08
1	Cook	2-4	12/5/2007	91	8.55	2.81838E-09
1	Cook	2-4	12/5/2007	94	9.2	6.30957E-10
1	Cook	2-4	12/5/2007	96	8.93	1.1749E-09
1	Cook	2-4	12/5/2007	93	8.16	6.91831E-09
1	Cook	2-4	12/6/2007	93	9.77	1.69824E-10
1	Cook	0-2	12/6/2007	87	7.52	3.01995E-08
1	Cook	2-4	12/6/2007	87	7.67	2.13796E-08
1	Cook	0-2	12/6/2007	97	8.66	2.18776E-09
1	Cook	2-4	12/6/2007	88	8.95	1.12202E-09
1	Cook	0-2	1/10/2008	89	7.76	1.7378E-08
1	Cook	0-2	1/10/2008	92	7.59	2.5704E-08
1	Cook	0-2	1/10/2008	89	8.08	8.31764E-09
1	Cook	0-2	1/10/2008	87	5.58	2.63027E-06
1	Cook	2-3	1/10/2008	88	6.78	1.65959E-07
1	Cook	0-2	1/10/2008	90	7.73	1.86209E-08
1	Cook	2-3	1/10/2008	96	8.16	6.91831E-09
1	Cook	0-2	1/10/2008	93	6.79	1.62181E-07
1	Cook	2-3	1/10/2008	96	7.29	5.12861E-08
1	Cook	2-3	1/10/2008	96	7.57	2.69153E-08
1	Cook	0-2	1/10/2008	92	8.23	5.88844E-09
1	Cook	0-2	1/10/2008	91	7.46	3.46737E-08
1	Cook	0-2	1/10/2008	92	7.66	2.18776E-08
1	Cook	2-3	1/10/2008	96	7.57	2.69153E-08
1	Cook	0-2	1/10/2008	86	7.74	1.8197E-08
1	Cook	0-2	1/16/2008	82	7.86	1.38038E-08
1	Cook	0-2	1/16/2008	84	8.47	3.38844E-09
1	Cook	5-7	1/16/2008	79	9.1	7.94328E-10
1	Cook	0-2	1/16/2008	74	8.17	6.76083E-09
1	Cook	0-2	1/16/2008	80	7.98	1.04713E-08
1	Cook	0-2	1/16/2008	79	7.58	2.63027E-08
1	Cook	0-2	1/16/2008	83	7.74	1.8197E-08
1	Cook	0-2	1/16/2008	81	8.77	1.69824E-09
1	Cook	0-2	1/16/2008	85	8.48	3.31131E-09
1	Cook	5-7	1/17/2008	82	8.41	3.89045E-09
1	Cook	0-2	1/17/2008	76	8.34	4.57088E-09
1	Cook	0-2	1/17/2008	79	8.49	3.23594E-09
1	Cook	0-2	1/17/2008	82	8.5	3.16228E-09
1	Cook	5-7	1/17/2008	82	8	0.00000001
1	Cook	5-7	1/17/2008	82	8.44	3.63078E-09
1	Cook	0-1.5	1/17/2008	85	8.27	5.37032E-09
1	Cook	0-1.5	1/17/2008	81	8.35	4.46684E-09
1	Cook	5-7	1/17/2008	83	8.85	1.41254E-09
1	Cook	2-3	1/18/2008	84	8.59	2.5704E-09
1	Cook	3.5-5	1/18/2008	85	7.56	2.75423E-08
1	Cook	5-7	1/18/2008	89	9.27	5.37032E-10

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	5-7	1/18/2008	83	8.24	5.7544E-09
1	Cook	5-7	1/18/2008	83	9.1	7.94328E-10
1	Cook	5-7	1/18/2008	84	8.89	1.28825E-09
1	Cook	5-7	1/18/2008	84	8.11	7.76247E-09
1	Cook	5-7	1/18/2008	84	8.23	5.88844E-09
1	Cook	2-4	1/18/2008	76	10.2	6.30957E-11
1	Cook	5-7	1/18/2008	85	9.74	1.8197E-10
1	Cook	5-7	1/18/2008	80	8.32	4.7863E-09
1	Cook	5-7	1/18/2008	90	8.6	2.51189E-09
1	Cook	5-7	1/18/2008	86	9.02	9.54993E-10
1	Cook	5-7	1/18/2008	88	8.69	2.04174E-09
1	Cook	5-7	1/18/2008	78	8.98	1.04713E-09
1	Cook	2-4	1/18/2008	85	8.42	3.80189E-09
1	Cook	5-7	1/18/2008	87	10.4	3.98107E-11
1	Cook	5-7	1/18/2008	86	9.17	6.76083E-10
1	Cook	5-7	1/18/2008	92	8.33	4.67735E-09
1	Cook	5-7	1/18/2008	80	9.12	7.58578E-10
1	Cook	5-7	1/21/2008	85	8.39	4.0738E-09
1	Cook	5-7	1/21/2008	85	8.45	3.54813E-09
1	Cook	5-7	1/21/2008	82	8.09	8.12831E-09
1	Cook	5-7	1/21/2008	82	8.01	9.77237E-09
1	Cook	5-7	1/21/2008	83	8.6	2.51189E-09
1	Cook	0-1.5	1/21/2008	93	10.9	1.25893E-11
1	Cook	0-1.5	1/21/2008	86	8.31	4.89779E-09
1	Cook	5-7	1/21/2008	78	7.77	1.69824E-08
1	Cook	5-7	1/21/2008	88	7.72	1.90546E-08
1	Cook	5-7	1/22/2008	79	8.14	7.24436E-09
1	Cook	5-7	1/22/2008	84	8.86	1.38038E-09
1	Cook	5-7	1/22/2008	83	8.46	3.46737E-09
1	Cook	5-7	1/22/2008	79	8.65	2.23872E-09
1	Cook	5-7	1/22/2008	84	8.33	4.67735E-09
1	Cook	5-7	1/22/2008	86	8.11	7.76247E-09
1	Cook	5-7	1/22/2008	86	8.32	4.7863E-09
1	Cook	5-7	1/22/2008	95	7.99	1.02329E-08
1	Cook	5-7	1/22/2008	83	9.04	9.12011E-10
1	Cook	2-4	1/25/2008	84	8.83	1.47911E-09
1	Cook	2-4	1/25/2008	84	8.45	3.54813E-09
1	Cook	2-4	1/25/2008	85	8.88	1.31826E-09
1	Cook	2-4	1/25/2008	82	8.2	6.30957E-09
1	Cook	2-4	1/25/2008	80	8.29	5.12861E-09
1	Cook	2-4	1/25/2008	82	8.51	3.0903E-09
1	Cook	2-4	1/25/2008	84	8.55	2.81838E-09
1	Cook	3.5-5.5	1/25/2008	81	8.89	1.28825E-09
1	Cook	3.5-5.5	1/25/2008	90	8.93	1.1749E-09
1	Cook	3.5-5.5	1/25/2008	83	8.75	1.77828E-09
1	Cook	5-7	1/28/2008	78	8.85	1.41254E-09
1	Cook	5-7	1/28/2008	79	7.58	2.63027E-08
1	Cook	5-7	1/28/2008	83	8.09	8.12831E-09
1	Cook	0-2	1/28/2008	84	8.48	3.31131E-09
1	Cook	5-7	1/28/2008	85	7.64	2.29087E-08
1	Cook	5-7	1/28/2008	84	8.2	6.30957E-09
1	Cook	5-7	1/28/2008	85	8.81	1.54882E-09
1	Cook	5-7	1/28/2008	85	9.42	3.80189E-10
1	Cook	5-7	1/28/2008	87	8.8	1.58489E-09
1	Cook	4-6	5/5/2008	78	8.32	4.7863E-09
1	Cook	4-6	5/5/2008	80	8.39	4.0738E-09
1	Cook	4-6	5/5/2008	81	8.68	2.0893E-09
1	Cook	6-8	5/5/2008	81	8.68	2.0893E-09
1	Cook	6-8	5/5/2008	80	8.5	3.16228E-09
1	Cook	6-8	5/5/2008	80	8.66	2.18776E-09
1	Cook	6-8	5/5/2008	82	8.67	2.13796E-09
1	Cook	6-8	5/6/2008	80	8.22	6.0256E-09
1	Cook	6-8	5/6/2008	84	8.33	4.67735E-09
1	Cook	6-8	5/6/2008	84	8.36	4.36516E-09
1	Cook	6-8	5/6/2008	81	8.26	5.49541E-09
1	Cook	6-8	5/6/2008	80	8.52	3.01995E-09
1	Cook	6-8	5/6/2008	82	8.35	4.46684E-09
1	Cook	6-8	5/6/2008	81	8.12	7.58578E-09
1	Cook	6-8	5/6/2008	82	8.19	6.45654E-09
1	Cook	6-8	5/6/2008	82	7.96	1.09648E-08
1	Cook	4-6	5/6/2008	82	8.46	3.46737E-09
1	Cook	6-8	5/6/2008	82	8.67	2.13796E-09
1	Cook	6-8	5/6/2008	79	8.33	4.67735E-09
1	Cook	1-3	7/22/2008	74	7.49	3.23594E-08
1	Cook	1-3	7/22/2008	79	7.88	1.31826E-08
1	Cook	1-3	7/22/2008	80	7.63	2.34423E-08
1	Cook	1-3	7/22/2008	78	7.93	1.1749E-08
1	Cook	13-15	7/22/2008	90	7.77	1.69824E-08
1	Cook	1-3	7/22/2008	98	8.02	9.54993E-09
1	Cook	1-3	7/22/2008	83	8.19	6.45654E-09
1	Cook	1-3	7/22/2008	82	8.42	3.80189E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	13-15	7/22/2008	90	8.48	3.31131E-09
1	Cook	1-3	7/22/2008	81	8.18	6.60693E-09
1	Cook	1-3	7/22/2008	85	7.48	3.31131E-08
1	Cook	13-15	7/22/2008	86	7.89	1.28825E-08
1	Cook	13-15	7/22/2008	85	8.04	9.12011E-09
1	Cook	1-3	7/23/2008	78	8.69	2.04174E-09
1	Cook	1-3	7/23/2008	86	7.81	1.54882E-08
1	Cook	1-3	7/23/2008	81	8.22	6.0256E-09
1	Cook	1-3	7/23/2008	80	8.18	6.60693E-09
1	Cook	1-3	7/23/2008	80	8.31	4.89779E-09
1	Cook	1-3	7/23/2008	95	11	1E-11
1	Cook	1-3	7/23/2008	81	8.16	6.91831E-09
1	Cook	1-3	7/23/2008	90	8.47	3.38844E-09
1	Cook	13-15	7/23/2008	86	8.36	4.36516E-09
1	Cook	13-15	7/23/2008	86	8.13	7.4131E-09
1	Cook	1-3	7/23/2008	93	8.16	6.91831E-09
1	Cook	1-3	7/23/2008	68	7.4	3.98107E-08
1	Cook	1-3	7/23/2008	81	6.93	1.1749E-07
1	Cook	1-3	7/23/2008	84	7.33	4.67735E-08
1	Cook	1-3	7/23/2008	80	7.28	5.24807E-08
1	Cook	13-15	7/24/2008	85	7.67	2.13796E-08
1	Cook	13-15	7/24/2008	75	8.18	6.60693E-09
1	Cook	13-15	7/24/2008	86	7.96	1.09648E-08
1	Cook	5-7	8/14/2008	84	8.16	6.91831E-09
1	Cook	6-8	8/14/2008	95	8.23	5.88844E-09
1	Cook	6-8	8/14/2008	85	8.04	9.12011E-09
1	Cook	9-11	8/14/2008	87	8.41	3.89045E-09
1	Cook	8-10	8/14/2008	82	8.78	1.65959E-09
1	Cook	7-9	8/14/2008	80	8.18	6.60693E-09
1	Cook	4-6	8/14/2008	88	8.52	3.01995E-09
1	Cook	2-4	8/14/2008	86	8.52	3.01995E-09
1	Cook	0-2	8/25/2008	91	9.04	9.12011E-10
1	Cook	0-2	8/25/2008	90	8.46	3.46737E-09
1	Cook	0-2	8/25/2008	86	8.37	4.2658E-09
1	Cook	0-2	8/25/2008	96	9.06	8.70964E-10
1	Cook	0-2	8/25/2008	88	8.41	3.89045E-09
1	Cook	4-6	8/25/2008	78	8.89	1.28825E-09
1	Cook	13-15	8/25/2008	83	8.26	5.49541E-09
1	Cook	10-12	8/26/2008	83	8.54	2.88403E-09
1	Cook	10-12	8/26/2008	82	8.49	3.23594E-09
1	Cook	6-8	8/26/2008	78	8.14	7.24436E-09
1	Cook	6-8	8/26/2008	78	8.18	6.60693E-09
1	Cook	4-6	8/26/2008	76	8.59	2.5704E-09
1	Cook	5-7	8/26/2008	89	8.67	2.13796E-09
1	Cook	3-5	8/26/2008	88	8.58	2.63027E-09
1	Cook	5-7	8/26/2008	85	8.74	1.8197E-09
1	Cook	5-7	8/26/2008	86	8.82	1.51356E-09
1	Cook	2-4	8/26/2008	86	8.45	3.54813E-09
1	Cook	0-2	8/26/2008	98	8.71	1.94984E-09
1	Cook	4-6	8/26/2008	81	8.69	2.04174E-09
1	Cook	2-4	8/27/2008	81	7.92	1.20226E-08
1	Cook	2-4	8/27/2008	85	8.34	4.57088E-09
1	Cook	2-4	8/27/2008	92	8.82	1.51356E-09
1	Cook	8-10	8/27/2008	79	8.16	6.91831E-09
1	Cook	12-14	8/27/2008	80	8.82	1.51356E-09
1	Cook	12-14	8/27/2008	83	8.28	5.24807E-09
1	Cook	12-14	8/27/2008	83	8.22	6.0256E-09
1	Cook	10-12	8/27/2008	83	8.58	2.63027E-09
1	Cook	8-10	8/27/2008	77	8.28	5.24807E-09
1	Cook	2-4	8/27/2008	83	8.09	8.12831E-09
1	Cook	2-4	8/27/2008	80	8.23	5.88844E-09
1	Cook	0-2	8/27/2008	71	8.31	4.89779E-09
1	Cook	0-1	8/29/2008	84	8.77	1.69824E-09
1	Cook	1-3	8/29/2008	89	8.37	4.2658E-09
1	Cook	3-5	12/8/2008	86	8.81	1.54882E-09
1	Cook	3-5	12/8/2008	86	8.76	1.7378E-09
1	Cook	3-5	12/8/2008	82	8.32	4.7863E-09
1	Cook	3-5	12/8/2008	79	7.74	1.8197E-08
1	Cook	3-5	12/8/2008	86	8.66	2.18776E-09
1	Cook	2-4	12/8/2008	79	8.14	7.24436E-09
1	Cook	3.5-5.5	12/8/2008	86	8.58	2.63027E-09
1	Cook	2-4	12/9/2008	84	8.78	1.65959E-09
1	Cook	4-6	12/9/2008	86	8.44	3.63078E-09
1	Cook	0-1.5	12/9/2008	83	8.61	2.45471E-09
1	Cook	2.6-4.6	12/10/2008	82	8.48	3.31131E-09
1	Cook	0-1	12/10/2008	82	8.03	9.33254E-09
1	Cook	5.8-7.8	12/10/2008	85	8.51	3.0903E-09
1	Cook	5.8-7.8	12/10/2008	85	8.47	3.38844E-09
1	Cook	3-5	12/10/2008	76	8.07	8.51138E-09
1	Cook	6-8	12/10/2008	75	7.87	1.34896E-08
1	Cook	4.9-6.9	12/10/2008	82	8.54	2.88403E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	1-3	12/10/2008	85	8.21	6.16595E-09
1	Cook	2-4	12/11/2008	73	7.81	1.54882E-08
1	Cook	1.9-3.9	12/11/2008	85	8.36	4.36516E-09
1	Cook	0-1.6	12/11/2008	85	8.87	1.34896E-09
1	Cook	4-6	12/11/2008	78	7.91	1.23027E-08
1	Cook	2-4	12/11/2008	78	8.22	6.0256E-09
1	Cook	2-4	12/11/2008	77	8.44	3.63078E-09
1	Cook	4-6	12/11/2008	80	7.96	1.09648E-08
1	Cook	4-6	12/11/2008	81	8.27	5.37032E-09
1	Cook	2-4	12/15/2008	81	7.64	2.29087E-08
1	Cook	0.4-2.4	12/15/2008	79	7.91	1.23027E-08
1	Cook	0.9-2.9	12/15/2008	81	7.57	2.69153E-08
1	Cook	0-2	12/15/2008	87	8.95	1.12202E-09
1	Cook	0-2	12/15/2008	85	7.91	1.23027E-08
1	Cook	3-5	12/16/2008	86	8.36	4.36516E-09
1	Cook	2-4	12/16/2008	81	8.32	4.7863E-09
1	Cook	2.5-4.5	12/16/2008	84	8.32	4.7863E-09
1	Cook	1.5-3.5	12/16/2008	84	8.65	2.23872E-09
1	Cook	1.5-3.5	12/16/2008	86	8.85	1.41254E-09
1	Cook	1-3	12/16/2008	78	7.87	1.34896E-08
1	Cook	2-4	12/16/2008	76	8.22	6.0256E-09
1	Cook	3-5	12/16/2008	84	8.02	9.54993E-09
1	Cook	3-5	12/16/2008	85	8.36	4.36516E-09
1	Cook	0-2	12/16/2008	80	7.74	1.8197E-08
1	Cook	0-2	12/17/2008	83	8.07	8.51138E-09
1	Cook	2-4	12/17/2008	81	7.43	3.71535E-08
1	Cook	0-2	12/17/2008	87	8.83	1.47911E-09
1	Cook	0-2	12/17/2008	85	8.75	1.77828E-09
1	Cook	4-6	12/17/2008	84	7.97	1.07152E-08
1	Cook	2-4	12/17/2008	84	8.57	2.69153E-09
1	Cook	1-3	12/17/2008	82	8.3	5.01187E-09
1	Cook	1-3	12/17/2008	82	8.56	2.75423E-09
1	Cook	2-4	12/17/2008	74	7.28	5.24807E-08
1	Cook	1.5-3.5	12/18/2008	80	8.42	3.80189E-09
1	Cook	4-6	12/18/2008	79	7.32	4.7863E-08
1	Cook	6-8	12/18/2008	87	7.92	1.20226E-08
1	Cook	1-3	12/18/2008	82	7.3	5.01187E-08
1	Cook	3-5	12/18/2008	85	8.39	4.0738E-09
1	Cook	3-5	12/18/2008	84	8.08	8.31764E-09
1	Cook	4-6	12/18/2008	83	7.95	1.12202E-08
1	Cook	0-2	12/18/2008	94	8.33	4.67735E-09
1	Cook	2-4	12/18/2008	94	7.68	2.0893E-08
1	Cook	0-2	12/18/2008	94	8.71	1.94984E-09
1	Cook	4-6	12/18/2008	85	7.73	1.86209E-08
1	Cook	1-3	12/18/2008	94	9.3	5.01187E-10
1	Cook	0.5-2.5	12/18/2008	90	8.49	3.23594E-09
1	Cook	0.5-2.5	12/18/2008	90	8.72	1.90546E-09
1	Cook	1-3	12/18/2008	84	8.52	3.01995E-09
1	Cook	8-10	12/22/2008	84	8.34	4.57088E-09
1	Cook	1-3	12/22/2008	85	8.11	7.76247E-09
1	Cook	1-3	12/22/2008	85	7.71	1.94984E-08
1	Cook	3-5	12/22/2008	85	8.16	6.91831E-09
1	Cook	1-3	12/22/2008	85	7.96	1.09648E-08
1	Cook	3-5	12/22/2008	88	8	0.00000001
1	Cook	2-4	12/22/2008	84	8.49	3.23594E-09
1	Cook	4-6	12/22/2008	86	8.67	2.13796E-09
1	Cook	1-3	12/22/2008	85	8.39	4.0738E-09
1	Cook	1-3	12/22/2008	83	8.02	9.54993E-09
1	Cook	1-3	12/22/2008	87	8.63	2.34423E-09
1	Cook	2-4	12/22/2008	96	8.47	3.38844E-09
1	Cook	2-4	12/23/2008	94	8.92	1.20226E-09
1	Cook	2-4	12/23/2008	96	9.12	7.58578E-10
1	Cook	2-4	12/23/2008	81	8.7	1.99526E-09
1	Cook	2-4	12/23/2008	77	8.35	4.46684E-09
1	Cook	6-8	12/23/2008	79	7.79	1.62181E-08
1	Cook	0-2	12/23/2008	58	7.91	1.23027E-08
1	Cook	1-3	12/23/2008	82	8.1	7.94328E-09
1	Cook	1-3	12/23/2008	82	8.31	4.89779E-09
1	Cook	1-3	12/23/2008	83	8.13	7.4131E-09
1	Cook	0-2	2/6/2009	85	10.3	5.01187E-11
1	Cook	0-2	2/6/2009	85	8.47	3.38844E-09
1	Cook	0-2	2/6/2009	79	8.6	2.51189E-09
1	Cook	0-2	2/6/2009	82	8.64	2.29087E-09
1	Cook	2-4	2/9/2009	79	8.29	5.12861E-09
1	Cook	0.5-2.5	2/9/2009	82	8	0.00000001
1	Cook	0-2	2/9/2009	83	8.47	3.38844E-09
1	Cook	1-3	2/9/2009	80	8.64	2.29087E-09
1	Cook	1-3	2/9/2009	82	8.44	3.63078E-09
1	Cook	2-4	2/9/2009	81	8.39	4.0738E-09
1	Cook	0.4-2.4	2/9/2009	78	7.95	1.12202E-08
1	Cook	0-2	2/9/2009	82	8.22	6.0256E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0.5-2.5	2/9/2009	84	8.66	2.18776E-09
1	Cook	2-4	2/9/2009	79	8.36	4.36516E-09
1	Cook	0.4-2.4	2/9/2009	80	8.47	3.38844E-09
1	Cook	0.4-2.4	2/9/2009	78	8.32	4.7863E-09
1	Cook	1.3-3.3	2/10/2009	78	8.46	3.46737E-09
1	Cook	0.3-2.3	2/10/2009	88	8.44	3.63078E-09
1	Cook	0-2	2/10/2009	79	8.83	1.47911E-09
1	Cook	2-4	2/10/2009	83	8.37	4.2658E-09
1	Cook	2-4	2/10/2009	77	9.55	2.81838E-10
1	Cook	2-4	2/10/2009	79	8.68	2.0893E-09
1	Cook	2-4	2/10/2009	77	8.79	1.62181E-09
1	Cook	2-4	2/10/2009	80	8.57	2.69153E-09
1	Cook	0.3-2.3	2/10/2009	78	8.09	8.12831E-09
1	Cook	0.3-2.3	2/10/2009	82	8.13	7.4131E-09
1	Cook	0.3-2.3	2/10/2009	79	7.87	1.34896E-08
1	Cook	0.3-2.3	2/10/2009	73	7.78	1.65959E-08
1	Cook	0.3-2.3	2/10/2009	79	8.24	5.7544E-09
1	Cook	1-3	2/10/2009	81	7.88	1.31826E-08
1	Cook	0.5-2.5	2/11/2009	92	10.2	6.30957E-11
1	Cook	0.5-2.5	2/11/2009	79	11.5	3.16228E-12
1	Cook	2-4	2/11/2009	79	10.2	6.30957E-11
1	Cook	1-3	2/11/2009	88	10.5	3.16228E-11
1	Cook	2-4	2/11/2009	85	9.42	3.80189E-10
1	Cook	0-6	3/31/2009	81	9.41	3.89045E-10
1	Cook	0-6	3/31/2009	88	9.56	2.75423E-10
1	Cook	10-12	3/31/2009	85	8.47	3.38844E-09
1	Cook	12-16	3/31/2009	87	8.62	2.39883E-09
1	Cook	0-6	3/31/2009	75	7.81	1.54882E-08
1	Cook	12-18	3/31/2009	86	8.58	2.63027E-09
1	Cook	6-12	3/31/2009	82	7.77	1.69824E-08
1	Cook	0-6	3/31/2009	82	7.62	2.39883E-08
1	Cook	0-4	3/31/2009	83	8.34	4.57088E-09
1	Cook	0-4	3/31/2009	80	7.51	3.0903E-08
1	Cook	0-6	4/1/2009	82	8.3	5.01187E-09
1	Cook	12-18	4/1/2009	88	9.05	8.91251E-10
1	Cook	12-18	4/1/2009	88	8.55	2.81838E-09
1	Cook	6-12	4/1/2009	81	8.11	7.76247E-09
1	Cook	0-4	4/2/2009	75	8.5	3.16228E-09
1	Cook	0-4	4/2/2009	80	10.1	7.94328E-11
1	Cook	0-4	4/2/2009	85	8.52	3.01995E-09
1	Cook	0-6	4/2/2009	82	8.71	1.94984E-09
1	Cook	0-6	4/2/2009	83	8.75	1.77828E-09
1	Cook	12-18	4/2/2009	88	8.32	4.7863E-09
1	Cook	6-12	4/2/2009	81	9.02	9.54993E-10
1	Cook	0-6	4/2/2009	81	8.1	7.94328E-09
1	Cook	12-18	4/2/2009	84	8.05	8.91251E-09
1	Cook	6-12	4/2/2009	79	8.26	5.49541E-09
1	Cook	0-6	4/2/2009	81	9.04	9.12011E-10
1	Cook	6-12	4/2/2009	83	8.86	1.38038E-09
1	Cook	0-6	4/2/2009	84	8.83	1.47911E-09
1	Cook	0-4	4/2/2009	79	8.68	2.0893E-09
1	Cook	0-4	4/2/2009	78	8.47	3.38844E-09
1	Cook	0-6	4/3/2009	80	8.85	1.41254E-09
1	Cook	12-18	4/3/2009	79	8.06	8.70964E-09
1	Cook	6-12	4/3/2009	85	8.75	1.77828E-09
1	Cook	0-6	4/3/2009	82	8.45	3.54813E-09
1	Cook	6-12	4/3/2009	86	8.42	3.80189E-09
1	Cook	0-6	4/3/2009	81	8.25	5.62341E-09
1	Cook	12-18	4/3/2009	84	8.13	7.4131E-09
1	Cook	6-12	4/3/2009	80	8.35	4.46684E-09
1	Cook	6-12	4/3/2009	81	8.33	4.67735E-09
1	Cook	0-6	4/3/2009	83	9.02	9.54993E-10
1	Cook	0-6	4/3/2009	78	8.17	6.76083E-09
1	Cook	12-18	4/3/2009	85	8.38	4.16869E-09
1	Cook	6-12	4/3/2009	80	8.5	3.16228E-09
1	Cook	0-4	4/3/2009	81	8.57	2.69153E-09
1	Cook	0-4	4/3/2009	85	8.51	3.0903E-09
1	Cook	0-6	4/6/2009	80	8.37	4.2658E-09
1	Cook	6-12	4/6/2009	83	8.57	2.69153E-09
1	Cook	6-12	4/6/2009	82	8.67	2.13796E-09
1	Cook	0-6	4/6/2009	79	8.27	5.37032E-09
1	Cook	12-18	4/6/2009	84	8.47	3.38844E-09
1	Cook	6-12	4/6/2009	81	8.7	1.99526E-09
1	Cook	0-6	4/6/2009	69	8.45	3.54813E-09
1	Cook	6-12	4/6/2009	77	8.53	2.95121E-09
1	Cook	0-6	4/6/2009	81	8.78	1.65959E-09
1	Cook	12-18	4/6/2009	85	8.46	3.46737E-09
1	Cook	6-12	4/6/2009	84	8.61	2.45471E-09
1	Cook	0-4	4/6/2009	79	9.1	7.94328E-10
1	Cook	0-4	4/6/2009	80	8.94	1.14815E-09
1	Cook	0-6	4/6/2009	76	8.56	2.75423E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	12-18	4/6/2009	85	8.38	4.16869E-09
1	Cook	12-18	4/6/2009	85	8.4	3.98107E-09
1	Cook	6-12	4/6/2009	81	8.65	2.23872E-09
1	Cook	0-4	4/6/2009	80	8.67	2.13796E-09
1	Cook	0-6	4/7/2009	84	8.53	2.95121E-09
1	Cook	12-18	4/7/2009	84	8.02	9.54993E-09
1	Cook	6-12	4/7/2009	84	8.14	7.24436E-09
1	Cook	0-6	4/7/2009	79	7.71	1.94984E-08
1	Cook	12-18	4/7/2009	87	7.95	1.12202E-08
1	Cook	6-12	4/7/2009	84	8.26	5.49541E-09
1	Cook	0-6	4/7/2009	76	7.75	1.77828E-08
1	Cook	6-12	4/7/2009	79	8.32	4.7863E-09
1	Cook	0-6	4/7/2009	77	8.59	2.5704E-09
1	Cook	0-6	4/7/2009	77	8.59	2.5704E-09
1	Cook	6-12	4/7/2009	76	8.35	4.46684E-09
1	Cook	0-4	4/7/2009	81	8.21	6.16595E-09
1	Cook	0-4	4/7/2009	85	8.4	3.98107E-09
1	Cook	0-2	4/7/2009	84	8.28	5.24807E-09
1	Cook	0-2	4/7/2009	77	8.46	3.46737E-09
1	Cook	0-2	4/7/2009	82	8.64	2.29087E-09
1	Cook	0-2	4/7/2009	86	8.36	4.36516E-09
1	Cook	0-2	4/7/2009	79	8.26	5.49541E-09
1	Cook	0-6	4/8/2009	77	8.4	3.98107E-09
1	Cook	6-12	4/8/2009	85	8.72	1.90546E-09
1	Cook	0-6	4/8/2009	80	8.26	5.49541E-09
1	Cook	12-18	4/8/2009	86	8.6	2.51189E-09
1	Cook	6-12	4/8/2009	82	8.38	4.16869E-09
1	Cook	0-6	4/8/2009	88	8.8	1.58489E-09
1	Cook	12-18	4/8/2009	84	8.37	4.2658E-09
1	Cook	6-12	4/8/2009	83	8.6	2.51189E-09
1	Cook	0-6	4/8/2009	85	8.71	1.94984E-09
1	Cook	0-6	4/8/2009	83	8.62	2.39883E-09
1	Cook	12-18	4/8/2009	84	8.35	4.46684E-09
1	Cook	6-12	4/8/2009	82	8.97	1.07152E-09
1	Cook	0-4	4/8/2009	86	8.93	1.1749E-09
1	Cook	0-4	4/8/2009	82	8.84	1.44544E-09
1	Cook	0-4	4/8/2009	75	8.1	7.94328E-09
1	Cook	0-6	4/8/2009	79	8.31	4.89779E-09
1	Cook	12-18	4/8/2009	84	8.35	4.46684E-09
1	Cook	6-12	4/8/2009	83	8.78	1.65959E-09
1	Cook	0-6	4/8/2009	76	8.12	7.58578E-09
1	Cook	6-12	4/8/2009	84	8.71	1.94984E-09
1	Cook	0-4	4/8/2009	81	8.64	2.29087E-09
1	Cook	2-4	4/17/2009	83	8.34	4.57088E-09
1	Cook	3-5	4/17/2009	84	9.75	1.77828E-10
1	Cook	3-5	4/17/2009	84	8.91	1.23027E-09
1	Cook	6-8	4/17/2009	83	7.86	1.38038E-08
1	Cook	3-5	4/17/2009	81	7.86	1.38038E-08
1	Cook	6-8	4/17/2009	84	10.5	3.16228E-11
1	Cook	3-5	4/17/2009	83	7.85	1.41254E-08
1	Cook	3-5	4/17/2009	85	7.74	1.8197E-08
1	Cook	0-5	4/17/2009	84	8.26	5.49541E-09
1	Cook	0-5	4/17/2009	85	8.86	1.38038E-09
1	Cook	0-5	4/17/2009	86	8.92	1.20226E-09
1	Cook	0-5	4/17/2009	86	9.31	4.89779E-10
1	Cook	0-5	4/17/2009	85	7.4	3.98107E-08
1	Cook	3-5	4/17/2009	85	8.34	4.57088E-09
1	Cook	0-2	4/17/2009	86	7.05	8.91251E-08
1	Cook	8-10	4/17/2009	85	7.62	2.39883E-08
1	Cook	3-5	4/20/2009	82	7.8	1.58489E-08
1	Cook	6-8	4/20/2009	81	8.11	7.76247E-09
1	Cook	3-5	4/20/2009	79	8.05	8.91251E-09
1	Cook	6-8	4/20/2009	75	7.8	1.58489E-08
1	Cook	2-4	4/20/2009	82	7.51	3.0903E-08
1	Cook	2-4	4/20/2009	89	7.97	1.07152E-08
1	Cook	8-10	4/20/2009	80	7.7	1.99526E-08
1	Cook	3-5	4/20/2009	80	8.14	7.24436E-09
1	Cook	6-8	4/20/2009	79	8.1	7.94328E-09
1	Cook	3-5	4/20/2009	84	8.27	5.37032E-09
1	Cook	6-8	4/20/2009	83	8.05	8.91251E-09
1	Cook	3-5	4/20/2009	82	8.01	9.77237E-09
1	Cook	6-8	4/20/2009	84	7.8	1.58489E-08
1	Cook	3-5	4/20/2009	85	7.41	3.89045E-08
1	Cook	3-5	4/21/2009	82	8.39	4.0738E-09
1	Cook	1-3	4/21/2009	80	7.88	1.31826E-08
1	Cook	6-8	4/21/2009	82	8.04	9.12011E-09
1	Cook	6-8	4/21/2009	89	7.94	1.14815E-08
1	Cook	10-12	4/21/2009	90	8.02	9.54993E-09
1	Cook	3-5	4/21/2009	80	8.27	5.37032E-09
1	Cook	3-5	4/21/2009	78	8.11	7.76247E-09
1	Cook	5-7	4/21/2009	78	8.02	9.54993E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	3-5	4/21/2009	82	7.85	1.41254E-08
1	Cook	6-8	4/21/2009	80	8.04	9.12011E-09
1	Cook	3-5	4/21/2009	79	7.53	2.95121E-08
1	Cook	3-5	4/21/2009	83	8.2	6.30957E-09
1	Cook	6-8	4/21/2009	83	7.83	1.47911E-08
1	Cook	10-12	4/21/2009	81	7.57	2.69153E-08
1	Cook	3-5	4/21/2009	81	8.27	5.37032E-09
1	Cook	3-5	4/22/2009	81	8.77	1.69824E-09
1	Cook	6-8	4/22/2009	77	8.9	1.25893E-09
1	Cook	3-5	4/22/2009	81	8.56	2.75423E-09
1	Cook	6-8	4/22/2009	84	8.7	1.99526E-09
1	Cook	3-5	4/22/2009	82	8.56	2.75423E-09
1	Cook	3-5	4/22/2009	82	8.36	4.36516E-09
1	Cook	3-5	4/22/2009	82	8.84	1.44544E-09
1	Cook	6-8	4/22/2009	90	8.04	9.12011E-09
1	Cook	3-5	4/22/2009	81	8.36	4.36516E-09
1	Cook	5-6.5	4/22/2009	78	9.24	5.7544E-10
1	Cook	3-5	4/22/2009	82	8.51	3.0903E-09
1	Cook	3-5	4/22/2009	81	8.31	4.89779E-09
1	Cook	3-5	4/23/2009	81	8.55	2.81838E-09
1	Cook	3-5	4/23/2009	81	8.51	3.0903E-09
1	Cook	9-11	4/23/2009	86	8.26	5.49541E-09
1	Cook	10-12	4/23/2009	91	7.97	1.07152E-08
1	Cook	3-5	4/23/2009	82	8.41	3.89045E-09
1	Cook	3-5	4/23/2009	86	8.58	2.63027E-09
1	Cook	9-11	4/23/2009	89	8.3	5.01187E-09
1	Cook	0-0	4/23/2009	85	8.28	5.24807E-09
1	Cook	0-5	4/23/2009	84	8.07	8.51138E-09
1	Cook	3-5	4/23/2009	86	8.77	1.69824E-09
1	Cook	3-5	4/23/2009	86	8.77	1.69824E-09
1	Cook	2-4	4/23/2009	83	9.07	8.51138E-10
1	Cook	3-5	4/23/2009	85	8.74	1.8197E-09
1	Cook	0-0	4/23/2009	82	9.15	7.07946E-10
1	Cook	2-4	4/23/2009	80	9.13	7.4131E-10
1	Cook	2-4	4/23/2009	84	8.72	1.90546E-09
1	Cook	2-4	4/23/2009	83	8.8	1.58489E-09
1	Cook	3-5	4/23/2009	77	8.48	3.31131E-09
1	Cook	2-4	4/23/2009	83	8.22	6.0256E-09
1	Cook	6-8	4/23/2009	85	8.37	4.2658E-09
1	Cook	3-5	4/23/2009	84	8.42	3.80189E-09
1	Cook	2-4	4/23/2009	84	8.93	1.1749E-09
1	Cook	3-5	4/23/2009	92	8.72	1.90546E-09
1	Cook	2-4	4/23/2009	84	8.5	3.16228E-09
1	Cook	3-5	4/23/2009	87	8.75	1.77828E-09
1	Cook	8-10	4/23/2009	83	7.9	1.25893E-08
1	Cook	3-5	4/23/2009	83	8.31	4.89779E-09
1	Cook	5-6.5	4/23/2009	81	8.67	2.13796E-09
1	Cook	2-4	4/24/2009	78	8.21	6.16595E-09
1	Cook	3-5	4/24/2009	81	8.73	1.86209E-09
1	Cook	3-5	4/24/2009	81	8.6	2.51189E-09
1	Cook	0-2	4/24/2009	93	10.5	3.16228E-11
1	Cook	0-2	4/24/2009	88	11.4	3.98107E-12
1	Cook	10-12	4/24/2009	90	9.65	2.23872E-10
1	Cook	3-5	4/24/2009	83	8.62	2.39883E-09
1	Cook	3-5	4/24/2009	82	8.36	4.36516E-09
1	Cook	6-8	4/24/2009	89	8.43	3.71535E-09
1	Cook	2-4	6/1/2009	96	8.71	1.94984E-09
1	Cook	8-10	6/1/2009	75.6	8.21	6.16595E-09
1	Cook	0-2	6/1/2009	85.8	8.21	6.16595E-09
1	Cook	4-6	6/1/2009	86.4	7.89	1.28825E-08
1	Cook	2-4	6/1/2009	95.5	8.95	1.12202E-09
1	Cook	10-12	6/1/2009	81.6	8.23	5.88844E-09
1	Cook	2-4	6/2/2009	89	9.14	7.24436E-10
1	Cook	8-10	6/2/2009	76.4	8.23	5.88844E-09
1	Cook	0-2	6/2/2009	83.2	8.38	4.16869E-09
1	Cook	12-14	6/2/2009	85.2	7.99	1.02329E-08
1	Cook	12-14	6/2/2009	85.8	7.91	1.23027E-08
1	Cook	2-4	6/2/2009	84.6	9.75	1.77828E-10
1	Cook	6-8	6/2/2009	79.6	8.3	5.01187E-09
1	Cook	0-2	6/2/2009	86.6	9.06	8.70964E-10
1	Cook	0-2	6/2/2009	76.4	8.25	5.62341E-09
1	Cook	8-10	6/2/2009	85.4	8.2	6.30957E-09
1	Cook	2-4	6/2/2009	84.6	8.07	8.51138E-09
1	Cook	4-6	6/2/2009	86.1	8.55	2.81838E-09
1	Cook	0-2	6/2/2009	85.5	7.98	1.04713E-08
1	Cook	6-8	6/2/2009	85.7	8.15	7.07946E-09
1	Cook	0-2	8/17/2009	92	11.1	7.94328E-12
1	Cook	2-4	8/17/2009	93	9.62	2.39883E-10
1	Cook	4-6	8/17/2009	86	8.05	8.91251E-09
1	Cook	6-8	8/17/2009	78	7.71	1.94984E-08
1	Cook	0-2	8/17/2009	87	8.81	1.54882E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	2-4	8/17/2009	81	8.69	2.04174E-09
1	Cook	4-6	8/17/2009	87	8.57	2.69153E-09
1	Cook	6-8	8/17/2009	85	8.44	3.63078E-09
1	Cook	6-8	8/17/2009	85	8.4	3.98107E-09
1	Cook	0-2	8/17/2009	86	7.98	1.04713E-08
1	Cook	2-4	8/17/2009	82	8.15	7.07946E-09
1	Cook	4-6	8/17/2009	84	8.39	4.0738E-09
1	Cook	6-8	8/17/2009	84	8.1	7.94328E-09
1	Cook	0-2	8/17/2009	80	8.67	2.13796E-09
1	Cook	2-4	8/17/2009	81	7.91	1.23027E-08
1	Cook	4-6	8/17/2009	82	8.55	2.81838E-09
1	Cook	6-8	8/17/2009	82	8.57	2.69153E-09
1	Cook	6-8	8/17/2009	83	8.44	3.63078E-09
1	Cook	0-2	8/17/2009	83	8.54	2.88403E-09
1	Cook	2-4	8/17/2009	82	8.26	5.49541E-09
1	Cook	4-6	8/17/2009	82	7.98	1.04713E-08
1	Cook	6-8	8/17/2009	82	8.37	4.2658E-09
1	Cook	0-2	8/17/2009	85	7.97	1.07152E-08
1	Cook	2-4	8/17/2009	83	8.34	4.57088E-09
1	Cook	4-6	8/17/2009	87	8.15	7.07946E-09
1	Cook	4-6	8/17/2009	83	8.35	4.46684E-09
1	Cook	6-8	8/17/2009	84	8.08	8.31764E-09
1	Cook	0-2	8/18/2009	87	7.95	1.12202E-08
1	Cook	2-4	8/18/2009	85	7.44	3.63078E-08
1	Cook	4-6	8/18/2009	83	7.57	2.69153E-08
1	Cook	6-8	8/18/2009	87	7.73	1.86209E-08
1	Cook	0-2	8/18/2009	87	8.47	3.38844E-09
1	Cook	2-4	8/18/2009	88	8.18	6.60693E-09
1	Cook	4-6	8/18/2009	83	8.02	9.54993E-09
1	Cook	6-8	8/18/2009	82	8.94	1.14815E-09
1	Cook	6-8	8/18/2009	82	9.05	8.91251E-10
1	Cook	0-2	8/18/2009	85	8.32	4.7863E-09
1	Cook	2-4	8/18/2009	84	8.06	8.70964E-09
1	Cook	4-6	8/18/2009	83	8.09	8.12831E-09
1	Cook	6-8	8/18/2009	82	7.93	1.1749E-08
1	Cook	0-2	8/18/2009	95	8.57	2.69153E-09
1	Cook	2-4	8/18/2009	81	7.26	5.49541E-08
1	Cook	4-6	8/18/2009	80	7.38	4.16869E-08
1	Cook	4-6	8/18/2009	81	7.38	4.16869E-08
1	Cook	6-8	8/18/2009	75	7.5	3.16228E-08
1	Cook	0-2	8/18/2009	93	9.07	8.51138E-10
1	Cook	2-4	8/18/2009	85	8.26	5.49541E-09
1	Cook	4-6	8/18/2009	78	7.88	1.31826E-08
1	Cook	6-8	8/18/2009	78	8.37	4.2658E-09
1	Cook	0-2	8/18/2009	90	8.62	2.39883E-09
1	Cook	2-4	8/18/2009	97	9.24	5.7544E-10
1	Cook	4-6	8/18/2009	88	8.88	1.31826E-09
1	Cook	6-8	8/18/2009	84	8.4	3.98107E-09
1	Cook	0-2	8/18/2009	91	7.86	1.38038E-08
1	Cook	2-4	8/18/2009	80	7.59	2.5704E-08
1	Cook	4-6	8/18/2009	83	7.42	3.80189E-08
1	Cook	6-8	8/18/2009	80	7.47	3.38844E-08
1	Cook	6-8	8/18/2009	81	7.45	3.54813E-08
1	Cook	0-2	9/2/2009	88	7.54	2.88403E-08
1	Cook	10-12	9/2/2009	80	7.92	1.20226E-08
1	Cook	2-4	9/2/2009	91	8.53	2.95121E-09
1	Cook	10-12	9/2/2009	85	7.79	1.62181E-08
1	Cook	4-6	9/2/2009	91	8.24	5.7544E-09
1	Cook	0-2	9/2/2009	87	7.76	1.7378E-08
1	Cook	12-14	9/2/2009	80	7.88	1.31826E-08
1	Cook	4-6	9/2/2009	88	8.56	2.75423E-08
1	Cook	6-8	9/2/2009	84	8.29	5.12861E-09
1	Cook	0-2	9/2/2009	84	8.01	9.77237E-09
1	Cook	10-12	9/2/2009	82	7.73	1.86209E-08
1	Cook	0-2	9/2/2009	88	7.89	1.28825E-08
1	Cook	6-7.5	9/2/2009	89	8.03	9.33254E-09
1	Cook	0-2	9/3/2009	96	8.29	5.12861E-09
1	Cook	12-14	9/3/2009	80	7.6	2.51189E-08
1	Cook	8-10	9/3/2009	82	7.79	1.62181E-08
1	Cook	2-4	9/3/2009	80	6.89	1.28825E-07
1	Cook	8-10	9/3/2009	84	7.96	1.09648E-08
1	Cook	2-4	9/3/2009	92	7.55	2.81838E-08
1	Cook	6-8	9/3/2009	89	8.42	3.80189E-09
1	Cook	6-8	9/3/2009	91	8.37	4.2658E-09
1	Cook	0-2	9/3/2009	93	7.74	1.8197E-08
1	Cook	8-10	9/3/2009	86	7.94	1.14815E-08
1	Cook	2-4	9/3/2009	85	8.48	3.31131E-09
1	Cook	6-8	9/3/2009	89	8.51	3.0903E-09
1	Cook	6-8	9/3/2009	87	8.55	2.81838E-09
1	Cook	0-2	9/4/2009	86	8	0.00000001
1	Cook	14-15	9/4/2009	84	7.9	1.25893E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	6-8	9/4/2009	87	8.31	4.89779E-09
1	Cook	2-4	9/4/2009	89	8.76	1.7378E-09
1	Cook	12-14	9/4/2009	84	7.9	1.25893E-08
1	Cook	2-4	9/4/2009	85	8.61	2.45471E-09
1	Cook	10-12	9/4/2009	83	7.99	1.02329E-08
1	Cook	2-4	9/21/2009	80	9.33	4.67735E-10
1	Cook	6.5-8.5	9/21/2009	84	8.49	3.23594E-09
1	Cook	2-4	9/21/2009	81	8.48	3.31131E-09
1	Cook	2-4	9/21/2009	73	8.48	3.31131E-09
1	Cook	2-4	9/21/2009	73	8.59	2.5704E-09
1	Cook	2-4	9/21/2009	81	8.82	1.51356E-09
1	Cook	2-4	9/21/2009	84	8.53	2.95121E-09
1	Cook	2-4	9/21/2009	77	8.17	6.76083E-09
1	Cook	2-4	9/21/2009	80	7.94	1.14815E-08
1	Cook	2-4	9/21/2009	87	9.14	7.24436E-10
1	Cook	6.5-8.5	9/22/2009	82	8.22	6.0256E-09
1	Cook	6.5-8.5	9/22/2009	85	7.98	1.04713E-08
1	Cook	2-4	9/22/2009	96	9.11	7.76247E-10
1	Cook	2-4	9/22/2009	84	9.78	1.65959E-10
1	Cook	2-4	9/22/2009	82	8.99	1.02329E-09
1	Cook	2-4	9/22/2009	79	9.38	4.16869E-10
1	Cook	2-4	9/23/2009	77	7.87	1.34896E-08
1	Cook	2-4	9/23/2009	77	8.78	1.65959E-09
1	Cook	2-4	9/23/2009	80	9.54	2.88403E-10
1	Cook	1-3	9/23/2009	83	10.3	5.01187E-11
1	Cook	1-3	9/23/2009	81	9.37	4.2658E-10
1	Cook	2-4	9/23/2009	84	9.18	6.60693E-10
1	Cook	2-4	9/24/2009	84	9.43	3.71535E-10
1	Cook	2-4	9/24/2009	88	9.82	1.51356E-10
1	Cook	2-4	9/24/2009	88	10.2	6.30957E-11
1	Cook	2-4	9/24/2009	78	9.3	5.01187E-10
1	Cook	2-4	9/24/2009	77	8.47	3.38844E-09
1	Cook	2-4	9/24/2009	79	8.18	6.60693E-09
1	Cook	2-4	9/24/2009	80	8.7	1.99526E-09
1	Cook	2-4	9/25/2009	79	8.14	7.24436E-09
1	Cook	2-4	9/25/2009	81	9	0.00000001
1	Cook	0-2	9/25/2009	77	8.85	1.41254E-09
1	Cook	1-3	9/25/2009	80	8.25	5.62341E-09
1	Cook	1-3	9/25/2009	76	7.64	2.29087E-08
1	Cook	1-3	9/25/2009	80	8.79	1.62181E-09
1	Cook	0-2	9/25/2009	80	8	0.00000001
1	Cook	0-2	9/25/2009	82	8.11	7.76247E-09
1	Cook	0-2	9/25/2009	80	8.59	2.5704E-09
1	Cook	0-2	9/25/2009	76	7.91	1.23027E-08
1	Cook	2-4	9/28/2009	77	8.51	3.0903E-09
1	Cook	0-2	9/28/2009	80	9.01	9.77237E-10
1	Cook	2-4	9/28/2009	83	9.18	6.60693E-10
1	Cook	2-4	9/28/2009	86	9.73	1.86209E-10
1	Cook	2-4	9/28/2009	85	8.93	1.1749E-09
1	Cook	2-4	9/28/2009	86	8.96	1.09648E-09
1	Cook	2-4	9/28/2009	80	8.03	9.33254E-09
1	Cook	2-4	9/28/2009	88	10.2	6.30957E-11
1	Cook	2-4	9/28/2009	79	10.2	6.30957E-11
1	Cook	9-11	9/29/2009	84	7.97	1.07152E-08
1	Cook	2-4	9/29/2009	76	8.04	9.12011E-09
1	Cook	2-4	9/29/2009	96	8.64	2.29087E-09
1	Cook	9-11	9/29/2009	83	8.39	4.0738E-09
1	Cook	2-4	9/29/2009	80	8.31	4.89779E-09
1	Cook	2-4	9/29/2009	79	7.91	1.23027E-08
1	Cook	9-11	9/29/2009	85	8.02	9.54993E-09
1	Cook	9-11	9/29/2009	82	8.42	3.80189E-09
1	Cook	18-20	9/30/2009	81	7.79	1.62181E-08
1	Cook	7-9	9/30/2009	86	8.21	6.16595E-09
1	Cook	2-4	9/30/2009	86	9.19	6.45654E-10
1	Cook	9-11	9/30/2009	85	8.07	8.51138E-09
1	Cook	9-11	9/30/2009	83	8.05	8.91251E-09
1	Cook	2-4	9/30/2009	90	8.92	1.20226E-09
1	Cook	2-4	9/30/2009	78	8.55	2.81838E-09
1	Cook	2-4	10/1/2009	73	8.06	8.70964E-09
1	Cook	2-4	10/1/2009	76	7.61	2.45471E-08
1	Cook	2-4	10/1/2009	79	8.15	7.07946E-09
1	Cook	2-4	10/1/2009	73	8.17	6.76083E-09
1	Cook	13-15	10/1/2009	80	7.67	2.13796E-08
1	Cook	13-15	10/1/2009	80	7.54	2.88403E-08
1	Cook	2-4	10/23/2009	80	7.73	1.86209E-08
1	Cook	2.5-4	10/23/2009	83	8.52	3.01995E-09
1	Cook	2-4	11/30/2009	79	7.96	1.09648E-09
1	Cook	4-6	11/30/2009	83	8.32	4.7863E-08
1	Cook	2-4	11/30/2009	88	7.84	1.44544E-08
1	Cook	6-8	11/30/2009	81	8.23	5.88844E-09
1	Cook	0-2	11/30/2009	84	7.77	1.69824E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-2	11/30/2009	86	8.54	2.88403E-09
1	Cook	0-2	11/30/2009	89	7.46	3.46737E-08
1	Cook	0-2	11/30/2009	78	8.33	4.67735E-09
1	Cook	0-2	11/30/2009	81	8.18	6.60693E-09
1	Cook	0-2	11/30/2009	90	7.99	1.02329E-08
1	Cook	10-12	11/30/2009	77	8.17	6.76083E-09
1	Cook	0-2	11/30/2009	92	9.22	6.0256E-10
1	Cook	0-2	11/30/2009	92	7.99	1.02329E-08
1	Cook	0-2	12/1/2009	83	8.13	7.4131E-09
1	Cook	8-10	12/1/2009	79	8.24	5.7544E-09
1	Cook	0-2	12/1/2009	84	8.24	5.7544E-09
1	Cook	0-2	12/1/2009	80	8.13	7.4131E-09
1	Cook	0-2	12/1/2009	81	7.8	1.58489E-08
1	Cook	10-12	12/1/2009	73	7.83	1.47911E-08
1	Cook	0-2	12/1/2009	88	7.8	1.58489E-08
1	Cook	14-16	12/1/2009	76	7.79	1.62181E-08
1	Cook	4-6	12/1/2009	85	7.48	3.31131E-08
1	Cook	14-16	12/1/2009	35	7.49	3.23594E-08
1	Cook	14-16	12/1/2009	38	7.61	2.45471E-08
1	Cook	2-4	12/1/2009	84	8.53	2.95121E-09
1	Cook	12-14	12/1/2009	43	7.49	3.23594E-08
1	Cook	2-4	12/2/2009	84	8.15	7.07946E-09
1	Cook	22-24	12/2/2009	85	7.23	5.88844E-08
1	Cook	2-4	12/2/2009	85	7.32	4.7863E-08
1	Cook	14-16	12/2/2009	63	7.53	2.95121E-08
1	Cook	4-6	12/2/2009	87	7.83	1.47911E-08
1	Cook	16-18	12/2/2009	82	7.86	1.38038E-08
1	Cook	2-4	12/2/2009	79	7.77	1.69824E-08
1	Cook	6-8	12/2/2009	80	7.76	1.7378E-08
1	Cook	0-2	12/3/2009	80	8.74	1.8197E-09
1	Cook	6-8	12/3/2009	80	8.16	6.91831E-09
1	Cook	4-6	12/3/2009	81	7.76	1.7378E-08
1	Cook	10-12	12/3/2009	79	8.13	7.4131E-09
1	Cook	4-6	12/3/2009	80	7.87	1.34896E-08
1	Cook	12-14	12/3/2009	76	7.87	1.34896E-08
1	Cook	2-4	12/3/2009	83	8.94	1.14815E-09
1	Cook	8-10	12/3/2009	79	7.49	3.23594E-08
1	Cook	4-6	12/3/2009	85	7.92	1.20226E-08
1	Cook	14-16	12/3/2009	76	7.63	2.34423E-08
1	Cook	4-6	12/4/2009	86	7.61	2.45471E-08
1	Cook	22-24	12/4/2009	85	7.96	1.09648E-08
1	Cook	4-6	12/4/2009	83	7.64	2.29087E-08
1	Cook	4-6	12/4/2009	85	7.53	2.95121E-08
1	Cook	10-12	12/4/2009	74	7.65	2.23872E-08
1	Cook	2-4	12/9/2009	94	8.62	2.39883E-09
1	Cook	2-4	12/9/2009	84	8.52	3.01995E-09
1	Cook	2-4	12/9/2009	89	8.4	3.98107E-09
1	Cook	2-4	12/9/2009	86	8.01	9.77237E-09
1	Cook	2-4	12/9/2009	84	7.71	1.94984E-08
1	Cook	2-4	12/9/2009	80	7.92	1.20226E-08
1	Cook	2-4	12/9/2009	79	8.06	8.70964E-09
1	Cook	2-4	3/5/2010	85	8.06	8.70964E-09
1	Cook	14-16	3/5/2010	85	7.89	1.28825E-08
1	Cook	0-2	3/5/2010	84	8.2	6.30957E-09
1	Cook	12-14	3/5/2010	84	7.73	1.86209E-08
1	Cook	2-4	3/5/2010	89	7.76	1.7378E-08
1	Cook	4-6	3/5/2010	81	8.49	3.23594E-09
1	Cook	2-4	3/5/2010	89	7.98	1.04713E-08
1	Cook	6-8	3/5/2010	85	7.97	1.07152E-08
1	Cook	2-4	3/8/2010	84	8.07	8.51138E-09
1	Cook	0-2	3/8/2010	84	8.14	7.24436E-09
1	Cook	6-8	3/8/2010	94	7.66	2.18776E-08
1	Cook	2-4	3/8/2010	90	8.54	2.88403E-09
1	Cook	0-2	3/8/2010	88	8.02	9.54993E-09
1	Cook	8-10	3/8/2010	85	7.79	1.62181E-08
1	Cook	2-4	3/8/2010	88	7.94	1.14815E-08
1	Cook	0-2	3/8/2010	78	7.8	1.58489E-08
1	Cook	4-6	3/8/2010	79	8.45	3.54813E-09
1	Cook	0-2	3/8/2010	77	8.12	7.58578E-09
1	Cook	6-8	3/8/2010	82	7.97	1.07152E-08
1	Cook	2-4	3/8/2010	80	7.65	2.23872E-08
1	Cook	8-10	3/8/2010	82	7.57	2.69153E-08
1	Cook	0-2	3/9/2010	80	7.45	3.54813E-08
1	Cook	8-10	3/9/2010	84	7.69	2.04174E-08
1	Cook	4-6	3/9/2010	82	7.71	1.94984E-08
1	Cook	4-6	3/9/2010	82	7.6	2.51189E-08
1	Cook	6-8	3/9/2010	84	7.37	4.2658E-08
1	Cook	2-4	3/9/2010	81	7.72	1.90546E-08
1	Cook	10-12	3/9/2010	87	7.61	2.45471E-08
1	Cook	4-6	3/9/2010	81	7.82	1.51356E-08
1	Cook	6-8	3/9/2010	84	7.71	1.94984E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	6-8	3/9/2010	83	7.74	1.8197E-08
1	Cook	14-16	3/9/2010	84	7.35	4.46684E-08
1	Cook	2-4	3/9/2010	81	7.54	2.88403E-08
1	Cook	0-2	3/9/2010	78	8.35	4.46684E-09
1	Cook	2-4	3/9/2010	82	8.54	2.88403E-09
1	Cook	4-6	3/10/2010	83	7.82	1.51356E-08
1	Cook	2-4	3/10/2010	81	8.09	8.12831E-09
1	Cook	2-4	3/10/2010	75	8.19	6.45654E-09
1	Cook	0-2	3/10/2010	81	7.1	7.94328E-08
1	Cook	2-4	3/10/2010	82	7.74	1.8197E-08
1	Cook	2-4	3/10/2010	81	8.14	7.24436E-09
1	Cook	2-4	3/10/2010	81	7.79	1.62181E-08
1	Cook	0-2	3/10/2010	75	7.87	1.34896E-08
1	Cook	10-12	3/10/2010	87	7.83	1.47911E-08
1	Cook	2-4	3/10/2010	80	8.16	6.91831E-09
1	Cook	2-4	3/10/2010	81	8.35	4.46684E-09
1	Cook	0-2	3/10/2010	77	7.82	1.51356E-08
1	Cook	0-2	3/10/2010	78	7.98	1.04713E-08
1	Cook	6-8	3/10/2010	83	7.52	3.01995E-08
1	Cook	2-4	3/10/2010	81	7.79	1.62181E-08
1	Cook	4-6	3/10/2010	83	7.59	2.5704E-08
1	Cook	0-2	3/10/2010	77	7.68	2.0893E-08
1	Cook	6-8	3/10/2010	83	7.8	1.58489E-08
1	Cook	2-4	3/10/2010	82	8.06	8.70964E-09
1	Cook	6-8	3/10/2010	83	8.12	7.58578E-09
1	Cook	4-6	3/11/2010	92	7.61	2.45471E-08
1	Cook	2-4	3/11/2010	90	8.66	2.18776E-09
1	Cook	0-2	3/11/2010	87	7.7	1.99526E-08
1	Cook	2-4	3/11/2010	86	8.55	2.81838E-09
1	Cook	2-4	3/11/2010	88	8.55	2.81838E-09
1	Cook	0-2	3/11/2010	86	7.43	3.71535E-08
1	Cook	0-2	3/11/2010	81	7.54	2.88403E-08
1	Cook	2-4	3/11/2010	87	7.44	3.63078E-08
1	Cook	2-4	3/11/2010	85	8.05	8.91251E-09
1	Cook	0-2	3/11/2010	85	8.32	4.7863E-09
1	Cook	2-4	3/11/2010	86	8.02	9.54993E-09
1	Cook	0-2	3/11/2010	81	8.18	6.60693E-09
1	Cook	2-4	3/11/2010	83	7.33	4.67735E-08
1	Cook	4-6	3/11/2010	84	7.96	1.09648E-08
1	Cook	6-8	3/11/2010	85	7.85	1.41254E-08
1	Cook	2-4	3/11/2010	88	8.34	4.57088E-09
1	Cook	2-4	3/12/2010	90	8.67	2.13796E-09
1	Cook	2-4	3/12/2010	87	8.54	2.88403E-09
1	Cook	0-2	3/12/2010	81	7.87	1.34896E-08
1	Cook	0-2	3/12/2010	86	7.74	1.8197E-08
1	Cook	0-2	3/12/2010	85	7.86	1.38038E-08
1	Cook	2-4	3/12/2010	85	7.74	1.8197E-08
1	Cook	2-4	3/30/2010	82.4	7.89	1.28825E-08
1	Cook	2-4	3/30/2010	83.8	7.95	1.12202E-08
1	Cook	0-2	3/30/2010	77.4	7.93	1.1749E-08
1	Cook	10-12	3/30/2010	85.4	7.96	1.09648E-08
1	Cook	0-2	3/30/2010	82.3	8.29	5.12861E-09
1	Cook	0-2	3/30/2010	81.6	8.48	3.31131E-09
1	Cook	6-8	3/30/2010	81.8	8.01	9.77237E-09
1	Cook	2-4	3/30/2010	80.5	7.9	1.25893E-08
1	Cook	8-10	3/30/2010	85.7	8.61	2.45471E-09
1	Cook	0-2	3/30/2010	78.1	7.39	4.0738E-08
1	Cook	4-6	3/30/2010	83.5	7.96	1.09648E-08
1	Cook	2-4	3/30/2010	82.1	8.22	6.0256E-09
1	Cook	8-10	3/30/2010	85.4	8.41	3.89045E-09
1	Cook	10-12	3/30/2010	83.1	8.08	8.31764E-09
1	Cook	10-12	3/30/2010	83.1	7.89	1.28825E-08
1	Cook	2-4	3/31/2010	84.5	8.39	4.0738E-09
1	Cook	14-16	3/31/2010	86.2	7.91	1.23027E-08
1	Cook	0-2	3/31/2010	83	8.14	7.24436E-09
1	Cook	8-10	3/31/2010	77.5	8.19	6.45654E-09
1	Cook	2-4	3/31/2010	80.2	7.35	4.46684E-08
1	Cook	6-8	3/31/2010	79.8	7.22	6.0256E-08
1	Cook	6-8	3/31/2010	79.8	7.2	6.30957E-08
1	Cook	0-2	3/31/2010	84.6	7.77	1.69824E-08
1	Cook	4-6	3/31/2010	81.8	7.48	3.31131E-08
1	Cook	2-4	3/31/2010	83.7	7.81	1.54882E-08
1	Cook	0-2	3/31/2010	82.3	7.81	1.54882E-08
1	Cook	2-4	3/31/2010	84.8	7.72	1.90546E-08
1	Cook	0-2	3/31/2010	83.3	7.91	1.23027E-08
1	Cook	6-8	3/31/2010	80	7.97	1.07152E-08
1	Cook	0-2	5/11/2010	84	8.89	1.28825E-09
1	Cook	2-8	5/11/2010	81	7.67	2.13796E-08
1	Cook	2-8	5/11/2010	81	7.47	3.38844E-08
1	Cook	0-2	5/11/2010	81	8.29	5.12861E-09
1	Cook	2-8	5/11/2010	79	8.12	7.58578E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-2	5/11/2010	85	8.92	1.20226E-09
1	Cook	2-8	5/11/2010	84	8.53	2.95121E-09
1	Cook	4-6	5/11/2010	80.3	7.4	3.98107E-08
1	Cook	14-16	5/11/2010	85	7.72	1.90546E-08
1	Cook	2-4	5/11/2010	87.8	8.77	1.69824E-09
1	Cook	12-14	5/11/2010	84.5	7.72	1.90546E-08
1	Cook	0-2	12/6/2010	81	8.61	2.45471E-09
1	Cook	7-9	12/6/2010	79	6	0.000001
1	Cook	7-9	12/6/2010	79	6.15	7.07946E-07
1	Cook	0-2	12/6/2010	82	8.35	4.46684E-09
1	Cook	2-4	12/6/2010	81	8.3	5.01187E-09
1	Cook	0-2	12/6/2010	84	8.28	5.24807E-09
1	Cook	2-4	12/6/2010	88	8.08	8.31764E-09
1	Cook	2-4	12/6/2010	88	8.34	4.57088E-09
1	Cook	0-2	12/6/2010	82	8.2	6.30957E-09
1	Cook	4-6	12/6/2010	75	6.68	2.0893E-07
1	Cook	0-2	12/6/2010	84	8.38	4.16869E-09
1	Cook	4-6	12/6/2010	74	6.62	2.39883E-07
1	Cook	0-2	12/6/2010	83	8.29	5.12861E-09
1	Cook	0-2.5	12/7/2010	80	8.21	6.16595E-09
1	Cook	0-2.5	12/7/2010	83	8.15	7.07946E-09
1	Cook	0-2	12/7/2010	83	8.03	9.33254E-09
1	Cook	2-6	12/7/2010	86	7.57	2.69153E-08
1	Cook	0-2.5	12/7/2010	83	7.75	1.77828E-08
1	Cook	0-2	12/7/2010	80	7.72	1.90546E-08
1	Cook	4-6	12/7/2010	90	7.76	1.7378E-08
1	Cook	0-2	12/7/2010	84	8.04	9.12011E-09
1	Cook	2-6	12/7/2010	82	8.16	6.91831E-09
1	Cook	0-2	12/7/2010	75	8.29	5.12861E-09
1	Cook	2-6	12/7/2010	77	8.45	3.54813E-09
1	Cook	2-6	12/7/2010	79	8.19	6.45654E-09
1	Cook	0-2	12/7/2010	85	7.83	1.47911E-08
1	Cook	2-6	12/7/2010	80	7.85	1.41254E-08
1	Cook	0-2	12/8/2010	80	8.51	3.0903E-09
1	Cook	2-6	12/8/2010	81	8.59	2.5704E-09
1	Cook	0-2	12/8/2010	77	7.72	1.90546E-08
1	Cook	2-6	12/8/2010	77	8.09	8.12831E-09
1	Cook	0-2.5	12/8/2010	79	8.62	2.39883E-09
1	Cook	0-2	12/8/2010	83	7.98	1.04713E-08
1	Cook	2-6	12/8/2010	83	7.9	1.25893E-08
1	Cook	2-6	12/8/2010	83	7.64	2.29087E-08
1	Cook	0-2	12/8/2010	80	7.53	2.95121E-08
1	Cook	2-6	12/8/2010	83	7.77	1.69824E-08
1	Cook	0-1	12/9/2010	80	8.06	8.70964E-09
1	Cook	0-1	12/9/2010	80	7.6	2.51189E-08
1	Cook	0-1	12/9/2010	81	7.9	1.25893E-08
1	Cook	0-1	12/9/2010	83	7.81	1.54882E-08
1	Cook	0-1	12/9/2010	82	7.69	2.04174E-08
1	Cook	0-1	12/9/2010	78	7.39	4.0738E-08
1	Cook	0-1	12/9/2010	87	7.64	2.29087E-08
1	Cook	0-1	12/9/2010	83	7.21	6.16595E-08
1	Cook	0-2	1/4/2011	90	9.85	1.41254E-10
1	Cook	2-5	1/4/2011	73	7.51	3.0903E-08
1	Cook	0-2	1/4/2011	76	8.67	2.13796E-09
1	Cook	2-5	1/4/2011	80	8.81	1.54882E-09
1	Cook	0-2	1/4/2011	80	8.21	6.16595E-09
1	Cook	2-5	1/4/2011	82	8.4	3.98107E-09
1	Cook	0-2	1/4/2011	80	8.38	4.16869E-09
1	Cook	0-2	1/4/2011	77	8.65	2.23872E-09
1	Cook	0-2	1/4/2011	74	9.26	5.49541E-10
1	Cook	0-2	1/4/2011	82	8.55	2.81838E-09
1	Cook	2-6	1/4/2011	81	9.01	9.77237E-10
1	Cook	2-6	1/4/2011	83	9.01	9.77237E-10
1	Cook	0-2	1/4/2011	79	7.96	1.09648E-08
1	Cook	2-6	1/4/2011	82	8.53	2.95121E-09
1	Cook	0-2	1/4/2011	82	8.93	1.1749E-09
1	Cook	2-6	1/4/2011	77	7.83	1.47911E-08
1	Cook	0-2	1/4/2011	88	9.87	1.34896E-10
1	Cook	2-4	1/4/2011	81	8.3	5.01187E-09
1	Cook	0-2	1/5/2011	83	7.61	2.45471E-08
1	Cook	0-2	1/5/2011	84	7.87	1.34896E-08
1	Cook	0-2	1/5/2011	83	8.24	5.7544E-09
1	Cook	0-2	1/5/2011	88	10.4	3.98107E-11
1	Cook	0-2	1/5/2011	86	10.7	1.99526E-11
1	Cook	0-2	1/5/2011	80	7.89	1.28825E-08
1	Cook	2-8	1/5/2011	82	7.27	5.37032E-08
1	Cook	0-2	1/5/2011	80	10.5	3.16228E-11
1	Cook	2-8	1/5/2011	81	7.96	1.09648E-08
1	Cook	2-8	1/5/2011	81	7.41	3.89045E-08
1	Cook	0-2	1/5/2011	83	9.57	2.69153E-10
1	Cook	2-8	1/5/2011	81	7.73	1.86209E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-2	1/5/2011	78	11.4	3.98107E-12
1	Cook	2-8	1/5/2011	77	8.22	6.0256E-09
1	Cook	0-2	1/5/2011	90	11.3	5.01187E-12
1	Cook	0-2	1/5/2011	89	11.3	5.01187E-12
1	Cook	0-2	1/5/2011	87	9.59	2.5704E-10
1	Cook	0-2	1/5/2011	85	7.82	1.51356E-08
1	Cook	0-2	1/6/2011	84	8.12	7.58578E-09
1	Cook	2-4	1/6/2011	79	8.29	5.12861E-09
1	Cook	0-2	1/6/2011	81	8.06	8.70964E-09
1	Cook	0-2	1/6/2011	83	7.99	1.02329E-08
1	Cook	0-2	1/6/2011	81	9.84	1.44544E-10
1	Cook	3-9	1/6/2011	84	8.87	1.34896E-09
1	Cook	9-12	1/6/2011	85	9.79	1.62181E-10
1	Cook	0-2	1/6/2011	82	10.3	5.01187E-11
1	Cook	3-9	1/6/2011	82	8.74	1.8197E-09
1	Cook	9-13	1/6/2011	80	8.65	2.23872E-09
1	Cook	0-2	1/6/2011	91	8.27	5.37032E-09
1	Cook	2-4	1/11/2011	75	7.57	2.69153E-08
1	Cook	6-8	1/11/2011	78	7.09	8.12831E-08
1	Cook	2-4	1/11/2011	85	6.93	1.1749E-07
1	Cook	14-16	1/11/2011	85	8.58	2.63027E-09
1	Cook	2-4	1/11/2011	89	8.72	1.90546E-09
1	Cook	4-6	1/11/2011	86	7.54	2.88403E-08
1	Cook	2-4	1/13/2011	88	7.64	2.29087E-08
1	Cook	10-12	1/13/2011	86	8.33	4.67735E-09
1	Cook	0-2	1/13/2011	87	8.35	4.46684E-09
1	Cook	12-14	1/13/2011	85	7.96	1.09648E-08
1	Cook	12-14	1/13/2011	85	7.88	1.31826E-08
1	Cook	0-2	1/13/2011	85	8.1	7.94328E-09
1	Cook	12-14	1/13/2011	85	8.05	8.91251E-09
1	Cook	2-4	1/13/2011	89	7.61	2.45471E-08
1	Cook	10-12	1/13/2011	85	8.25	5.62341E-09
1	Cook	2-4	1/13/2011	88	7.32	4.7863E-08
1	Cook	12-14	1/13/2011	89	8.66	2.18776E-09
1	Cook	2-4	1/13/2011	87	7.99	1.02329E-08
1	Cook	10-12	1/13/2011	87	7.87	1.34896E-08
1	Cook	2-4	1/13/2011	89	6.77	1.69824E-07
1	Cook	10-12	1/13/2011	90	7.94	1.14815E-08
1	Cook	2-4	1/13/2011	85	7.26	5.49541E-08
1	Cook	8-10	1/13/2011	88	7.68	2.0893E-08
1	Cook	2-4	1/13/2011	88	6.29	5.12861E-07
1	Cook	8-10	1/13/2011	85	7.75	1.77828E-08
1	Cook	0-2	1/13/2011	86	8.26	5.49541E-09
1	Cook	8-10	1/13/2011	84	7.43	3.71535E-08
1	Cook	0-2	1/14/2011	91	8.27	5.37032E-09
1	Cook	0-2	1/14/2011	89	8.1	7.94328E-09
1	Cook	0-2	1/14/2011	89	8.64	2.29087E-09
1	Cook	0-2	1/14/2011	90	8.16	6.91831E-09
1	Cook	0-2	1/14/2011	90	8.33	4.67735E-09
1	Cook	0-2	1/14/2011	90	8.12	7.58578E-09
1	Cook	0-2	1/14/2011	88	7.37	4.2658E-08
1	Cook	0-2	1/14/2011	92	8.73	1.86209E-09
1	Cook	0-2	1/14/2011	88	8.11	7.76247E-09
1	Cook	0-2	1/14/2011	88	7.21	6.16595E-08
1	Cook	0-2	1/14/2011	82	7.65	2.23872E-08
1	Cook	0-2	1/14/2011	76	7.76	1.7378E-08
1	Cook	6-8	1/14/2011	79	7.66	2.18776E-08
1	Cook	0-2	1/14/2011	83	8.29	5.12861E-09
1	Cook	8-10	1/14/2011	80	7.75	1.77828E-08
1	Cook	0-2	1/14/2011	83	7.87	1.34896E-08
1	Cook	6-8	1/14/2011	83	7.92	1.20226E-08
1	Cook	2-4	2/1/2011	81	7.35	4.46684E-08
1	Cook	6-8	2/1/2011	85	8.34	4.57088E-09
1	Cook	4-6	2/1/2011	82	8.06	8.70964E-09
1	Cook	4-6	2/1/2011	81	7.57	2.69153E-08
1	Cook	8-10	2/1/2011	83	8.08	8.31764E-09
1	Cook	2-4	2/1/2011	80	7.24	5.7544E-08
1	Cook	6-8	2/1/2011	83	8.11	7.76247E-09
1	Cook	2-4	2/1/2011	83	7.47	3.38844E-08
1	Cook	6-8	2/1/2011	85	8.11	7.76247E-09
1	Cook	2-4	2/1/2011	82	7.35	4.46684E-08
1	Cook	8-10	2/1/2011	84	7.95	1.12202E-08
1	Cook	0-2	2/1/2011	77	7.49	3.23594E-08
1	Cook	6-8	2/1/2011	84	7.83	1.47911E-08
1	Cook	0-2	3/10/2011	89	8.78	1.65959E-09
1	Cook	0-2	3/10/2011	82	8.53	2.95121E-09
1	Cook	0-2	3/10/2011	79	8.43	3.71535E-09
1	Cook	0-2	3/10/2011	83	8.32	4.7863E-09
1	Cook	0-2	3/10/2011	83	8	0.00000001
1	Cook	0-2	3/10/2011	80	8.55	2.81838E-09
1	Cook	0-2	3/10/2011	89	8.48	3.31131E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook	0-2	3/10/2011	86	8.07	8.51138E-09
1	Cook	0-2	3/10/2011	84	8.19	6.45654E-09
1	Cook	0-2	3/10/2011	83	8.54	2.88403E-09
1	Cook	0-2	3/10/2011	84	8.36	4.36516E-09
1	Cook	0-2	3/10/2011	83	8.62	2.39883E-09
1	Cook	0-2	3/10/2011	85	8.43	3.71535E-09
1	Cook	0-2	3/10/2011	81	8.2	6.30957E-09
1	Cook	0-2	3/10/2011	83	9	0.000000001
1	Cook	0-2	3/10/2011	82	9.44	3.63078E-10
1	Cook	0-2	3/10/2011	86	8.57	2.69153E-09
1	Cook	0-2	3/10/2011	78	8.49	3.23594E-09
1	Cook	0-2	3/10/2011	80	8.54	2.88403E-09
1	Cook	0-2	3/10/2011	78	8.24	5.7544E-09
1	Cook	0-2	3/10/2011	84	8.53	2.95121E-09
1	Cook	0-2	3/10/2011	81	8.58	2.63027E-09
1	Cook	0-2	10/25/2011	84	8.73	1.86209E-09
1	Cook	2-8	10/25/2011	88	9.03	9.33254E-10
1	Cook	8-13	10/25/2011	89	8.84	1.44544E-09
1	Cook	0-2	10/25/2011	81	8.22	6.0256E-09
1	Cook	0-2	10/25/2011	86	8.87	1.34896E-09
1	Cook	2-8	10/25/2011	86	8.46	3.46737E-09
1	Cook	8-13	10/25/2011	89	8.68	2.0893E-09
1	Cook	8-13	10/25/2011	89	8.69	2.04174E-09
1	Cook	0-2	10/25/2011	89	9.14	7.24436E-10
1	Cook	0-2	10/25/2011	82	8.86	1.38038E-09
1	Cook	0-2	10/25/2011	84	9.01	9.77237E-10
1	Cook	0-2	10/25/2011	83	8.62	2.39883E-09
1	Cook	0-4	10/25/2011	91	8.72	1.90546E-09
1	Cook	4-10	10/25/2011	89	9.16	6.91831E-10
1	Cook	4-10	10/25/2011	88	9.11	7.76247E-10
1	Cook	0-2	10/25/2011	84	8.32	4.7863E-09
1	Cook	0-2	10/26/2011	82	8.39	4.0738E-09
1	Cook	2-8	10/26/2011	84	7.72	1.90546E-09
1	Cook	8-13	10/26/2011	97	8.65	2.23872E-08
1	Cook	0-2	10/26/2011	83	8.24	5.7544E-09
1	Cook	2-5	10/26/2011	81	8.79	1.62181E-09
1	Cook	2-5	10/26/2011	83	8.89	1.28825E-09
1	Cook	0-2	10/26/2011	86	8.04	9.12011E-09
1	Cook	2-8	10/26/2011	78	7.88	1.31826E-08
1	Cook	8-13	10/26/2011	78	7.83	1.47911E-08
1	Cook	0-2	11/21/2011	78	8.84	1.44544E-09
1	Cook	0-2	11/21/2011	84	8.69	2.04174E-09
1	Cook	0-2	11/21/2011	80	8.48	3.31131E-09
1	Cook	0-2	11/21/2011	83	8.47	3.38844E-09
1	Cook	0-2	11/21/2011	80	8.08	8.31764E-09
1	Cook	0-2	11/21/2011	82	7.87	1.34896E-08
1	Cook	0-2	11/21/2011	82	7.6	2.51189E-08
1	Cook	0-2	11/22/2011	91	7.53	2.95121E-08
1	Cook	2-8	11/22/2011	91	7.41	3.89045E-08
1	Cook	2-8	11/22/2011	91	7.1	7.94328E-08
1	Cook	0-2	11/22/2011	92	9.55	2.81838E-10
1	Cook	2-8	11/22/2011	90	8.5	3.16228E-09
1	Cook	0-2	11/22/2011	84	8.9	1.25893E-09
1	Cook	2-8	11/22/2011	92	8.66	2.18776E-09
1	Cook	0-2	11/22/2011	91	7.51	3.0903E-08
1	Cook	2-8	11/22/2011	94	8.18	6.60693E-09
1	Cook	0-1	11/22/2011	88	7.95	1.12202E-08
1	Cook	0-2	11/22/2011	91	7.67	2.13796E-08
1	Cook	0-2	12/1/2011	77	7.69	2.04174E-08
1	Cook	2-8	12/1/2011	83	8.35	4.46684E-09
1	Cook	0-2	12/1/2011	82	8.15	7.07946E-09
1	Cook	2-6	12/1/2011	82	7.93	1.1749E-08
1	Cook	0-2	12/1/2011	84	8.17	6.76083E-09
1	Cook	2-6	12/1/2011	83	8.5	3.16228E-09
1	Cook	2-6	12/1/2011	84	8.45	3.54813E-09
1	Cook	0-2	12/1/2011	84	8.08	8.31764E-09
1	Cook	2-6	12/1/2011	85	8.24	5.7544E-09
1	Cook	0-2	12/1/2011	84	7.9	1.25893E-08
1	Cook	2-6	12/1/2011	83	8.17	6.76083E-09
1	Cook	0-2	12/1/2011	83	8.22	6.0256E-09
1	Cook	2-8	12/1/2011	80	8.03	9.33254E-09
1	Cook	0-2	12/1/2011	74	8.15	7.07946E-09
1	Cook	2-8	12/1/2011	82	8.47	3.38844E-09
1	Cook	0-2	12/1/2011	79	8.57	2.69153E-09
1	Cook	2-8	12/1/2011	81	8.35	4.46684E-09
1	Cook	2-8	12/1/2011	81	8.23	5.88844E-09
1	Cook	0-2	12/1/2011	82	7.98	1.04713E-08
1	Cook	2-8	12/1/2011	82	7.86	1.38038E-08
1	Cook	0-2	12/1/2011	77	7.68	2.0893E-08
1	Cook	2-8	12/1/2011	86	8.32	4.7863E-09
1	Cook & Will Counties	0-5	12/3/2010	79	7.79	1.62181E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook & Will Counties	0-3	12/3/2010	85	7.97	1.07152E-08
1	Cook & Will Counties	0-3	12/3/2010	83	7.9	1.25893E-08
1	Cook & Will Counties	0-3	12/3/2010	81	7.6	2.51189E-08
1	Cook & Will Counties	0-3	12/3/2010	75	8.12	7.58578E-09
1	Cook & Will Counties	5-10	12/3/2010	78	7.84	1.44544E-08
1	Cook & Will Counties	10-15	12/3/2010	83	7.96	1.09648E-08
1	Cook & Will Counties	0-3	12/3/2010	83	7.65	2.23872E-08
1	Cook & Will Counties	10-15	12/3/2010	86	7.76	1.7378E-08
1	Cook & Will Counties	5-10	12/3/2010	85	7.83	1.47911E-08
1	Cook & Will Counties	0-5	12/3/2010	81	8.05	8.91251E-09
1	Cook & Will Counties	0-3	12/3/2010	83	7.91	1.23027E-08
1	Cook & Will Counties	0-5	12/3/2010	80	7.63	2.34423E-08
1	Cook & Will Counties	0-5	12/3/2010	80	7.25	5.62341E-08
1	Cook & Will Counties	5-10	12/3/2010	79	7.29	5.12861E-08
1	Cook & Will Counties	10-15	12/3/2010	86	7.84	1.44544E-08
1	Cook & Will Counties	0-3	12/3/2010	85	7.96	1.09648E-08
1	Cook County	5-9.5	1/11/2010	87	8.25	5.62341E-09
1	Cook County	5-9.5	1/11/2010	86	8.4	3.98107E-09
1	Cook County	0-5	1/11/2010	87	7.9	1.25893E-08
1	Cook County	5-9.5	1/11/2010	84	8.37	4.2658E-09
1	Cook County	0-5	1/11/2010	87	8.63	2.34423E-09
1	Cook County	5-9.5	1/11/2010	85	8.6	2.51189E-09
1	Cook County	5-9.5	1/11/2010	86	8.6	2.51189E-09
1	Cook County	0-5	1/11/2010	81	7.64	2.29087E-08
1	Cook County	5-9.5	1/11/2010	86	8.57	2.69153E-09
1	Cook County	0-5	1/11/2010	82	8.16	6.91831E-09
1	Cook County	0-5	1/11/2010	80	7.71	1.94984E-08
1	Cook County	5-9.5	1/12/2010	86	8.53	2.95121E-09
1	Cook County	0-5	1/12/2010	82	8.55	2.81838E-09
1	Cook County	0-5	1/12/2010	77	8.87	1.34896E-09
1	Cook County	5-9.5	1/12/2010	83	8.6	2.51189E-09
1	Cook County	4-8	1/12/2010	84	8.74	1.8197E-09
1	Cook County	8-11	1/12/2010	85	7.87	1.34896E-08
1	Cook County	0-4	1/12/2010	81	7.73	1.86209E-08
1	Cook County	8-11	1/12/2010	87	8.31	4.89779E-09
1	Cook County	8-11	1/12/2010	89	7.93	1.1749E-08
1	Cook County	4-8	1/12/2010	88	8.15	7.07946E-09
1	Cook County	0-4	1/12/2010	79	8.37	4.2658E-09
1	Cook County	8-11	1/12/2010	87	8.19	6.45654E-09
1	Cook County	8-12	1/12/2010	84	8.27	5.37032E-09
1	Cook County	0-4	1/12/2010	81	6.87	1.34896E-07
1	Cook County	8-11	1/12/2010	88	8.12	7.58578E-09
1	Cook County	4-8	1/12/2010	81	7.7	1.99526E-08
1	Cook County	0-4	1/12/2010	81	7.81	1.54882E-08
1	Cook County	12-15	1/12/2010	90	8.13	7.4131E-09
1	Cook County	4-8	1/12/2010	90	7.4	3.98107E-08
1	Cook County	0-4	1/12/2010	82	7.78	1.65959E-08
1	Cook County	4-8	1/12/2010	87	8.34	4.57088E-09
1	Cook County	0-5	1/12/2010	83	8.46	3.46737E-09
1	Cook County	10-15	1/12/2010	84	8.49	3.23594E-09
1	Cook County	5-10	1/12/2010	87	8.57	2.69153E-09
1	Cook County	5-10	1/12/2010	86	8.57	2.69153E-09
1	Cook County	0-3	1/13/2010	80	8.09	8.12831E-09
1	Cook County	0-3	1/13/2010	84	7.99	1.02329E-08
1	Cook County	3-6	1/13/2010	91	8.31	4.89779E-09
1	Cook County	0-5	1/13/2010	80	6.48	3.31131E-07
1	Cook County	5-10	1/13/2010	85	7.97	1.07152E-08
1	Cook County	5-10	1/13/2010	88	7.94	1.14815E-08
1	Cook County	10-15	1/13/2010	87	7.96	1.09648E-08
1	Cook County	3-6	1/13/2010	87	7.85	1.41254E-08
1	Cook County	0-3	1/13/2010	85	8.41	3.89045E-09
1	Cook County	0-3	1/13/2010	83	8.19	6.45654E-09
1	Cook County	0-4	1/13/2010	77	7.97	1.07152E-08
1	Cook County	4-7	1/13/2010	88	7.82	1.51356E-08
1	Cook County	0-4	1/13/2010	80	8.16	6.91831E-09
1	Cook County	0-4.5	1/14/2010	86	7.97	1.07152E-08
1	Cook County	0-4.5	1/14/2010	85	8	0.00000001
1	Cook County	4.5-9	1/14/2010	83	8.59	2.5704E-09
1	Cook County	0-4.5	1/14/2010	84	7.85	1.41254E-08
1	Cook County	4.5-9	1/14/2010	83	8.32	4.7863E-09
1	Cook County	0-4.5	1/14/2010	81	7.82	1.51356E-08
1	Cook County	4.5-9	1/14/2010	87	8.27	5.37032E-09
1	Cook County	0-4.5	1/14/2010	84	7.85	1.41254E-08
1	Cook County	4.5-9	1/14/2010	86	8.28	5.24807E-09
1	Cook County	4-7	1/14/2010	82	8.19	6.45654E-09
1	Cook County	0-4	1/14/2010	83	8.23	5.88844E-09
1	Cook County	4-7	1/14/2010	82	8.26	5.49541E-09
1	Cook County	5-10	1/18/2010	82	8.23	5.88844E-09
1	Cook County	5-10	1/18/2010	82	8.39	4.0738E-09
1	Cook County	0-5	1/18/2010	77	7.41	3.89045E-08
1	Cook County	5-10	1/18/2010	82	8.54	2.88403E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-5	1/18/2010	81	8.29	5.12861E-09
1	Cook County	5-10	1/18/2010	83	8.28	5.24807E-09
1	Cook County	5-10	1/18/2010	84	8.2	6.30957E-09
1	Cook County	0-5	1/18/2010	80	7.57	2.69153E-08
1	Cook County	5-10	1/18/2010	84	8.01	9.77237E-09
1	Cook County	0-5	1/18/2010	81	7.88	1.31826E-08
1	Cook County	5-10	1/18/2010	83	7.6	2.51189E-08
1	Cook County	0-5	1/18/2010	79	7.24	5.7544E-08
1	Cook County	0-5	1/18/2010	79	7.83	1.47911E-08
1	Cook County	0-5	1/18/2010	80	8.27	5.37032E-09
1	Cook County	5-10	1/18/2010	83	8.19	6.45654E-09
1	Cook County	0-5	1/19/2010	79	8.12	7.58578E-09
1	Cook County	5-10	1/19/2010	83	7.84	1.44544E-08
1	Cook County	0-5	1/19/2010	81	8.05	8.91251E-09
1	Cook County	7-9	1/19/2010	86	8.09	8.12831E-09
1	Cook County	7-9	1/19/2010	86	7.96	1.09648E-08
1	Cook County	0-5	1/19/2010	79	7.79	1.62181E-08
1	Cook County	6-9	1/19/2010	81	8.1	7.94328E-09
1	Cook County	5-10	1/19/2010	84	8.1	7.94328E-09
1	Cook County	0-5	1/19/2010	78	7.95	1.12202E-08
1	Cook County	10-15	1/19/2010	85	7.85	1.41254E-08
1	Cook County	10-15	1/19/2010	85	7.87	1.34896E-08
1	Cook County	0-4	1/19/2010	75	8.24	5.7544E-09
1	Cook County	4-8	1/19/2010	84	8.15	7.07946E-09
1	Cook County	8-11	1/19/2010	83	8.3	5.01187E-09
1	Cook County	8-11	1/19/2010	85	8.28	5.24807E-09
1	Cook County	10-13	1/19/2010	87	7.73	1.86209E-08
1	Cook County	7-9	1/19/2010	83	7.59	2.5704E-08
1	Cook County	0-5	1/19/2010	81	7.95	1.12202E-08
1	Cook County	10-15	1/20/2010	88	8.2	6.30957E-09
1	Cook County	10-15	1/20/2010	87	7.75	1.77828E-08
1	Cook County	7-9	1/20/2010	84	8.25	5.62341E-09
1	Cook County	0-5	1/20/2010	78	8.41	3.89045E-09
1	Cook County	10-15	1/20/2010	86	8.16	6.91831E-09
1	Cook County	6.5-9	1/20/2010	85	8.66	2.18776E-09
1	Cook County	0-5	1/20/2010	78	9.85	1.41254E-10
1	Cook County	0-5	1/20/2010	84	9.06	8.70964E-10
1	Cook County	0-5	1/20/2010	81	7.81	1.54882E-08
1	Cook County	10-15	1/20/2010	84	7.89	1.28825E-08
1	Cook County	5-10	1/20/2010	83	7.72	1.90546E-08
1	Cook County	0-5	1/20/2010	77	7.67	2.13796E-08
1	Cook County	10-15	1/20/2010	86	7.87	1.34896E-08
1	Cook County	5-10	1/20/2010	84	7.01	9.77237E-08
1	Cook County	0-5	1/20/2010	80	8.8	1.58489E-09
1	Cook County	10-15	1/20/2010	84	8.01	9.77237E-09
1	Cook County	5-10	1/20/2010	85	8.18	6.60693E-09
1	Cook County	0-5	1/20/2010	80	8.72	1.90546E-09
1	Cook County	10-15	1/20/2010	88	7.5	3.16228E-08
1	Cook County	5-10	1/20/2010	83	8.56	2.75423E-09
1	Cook County	0-4	1/20/2010	98	8.85	1.41254E-09
1	Cook County	10-15	1/20/2010	86	7.7	1.99526E-08
1	Cook County	5-10	1/20/2010	84	7.81	1.54882E-08
1	Cook County	10-15	1/20/2010	85	7.85	1.41254E-08
1	Cook County	10-15	1/20/2010	86	7.92	1.20226E-08
1	Cook County	5-10	1/20/2010	83	8.38	4.16869E-09
1	Cook County	3-5	1/20/2010	84	8.36	4.36516E-09
1	Cook County	10-15	1/20/2010	85	7.89	1.28825E-08
1	Cook County	5-10	1/20/2010	86	8.45	3.54813E-09
1	Cook County	5-10	1/21/2010	87	8.56	2.75423E-09
1	Cook County	5-10	1/21/2010	85	8.5	3.16228E-09
1	Cook County	0-5	1/21/2010	82	8.55	2.81838E-09
1	Cook County	5-10	1/21/2010	85	8.32	4.7863E-09
1	Cook County	0-5	1/21/2010	77	7.76	1.7378E-08
1	Cook County	3-5	1/21/2010	82	7.88	1.31826E-08
1	Cook County	10-13	1/21/2010	87	7.79	1.62181E-08
1	Cook County	3-5	1/21/2010	79	7.82	1.51356E-08
1	Cook County	5-8	1/21/2010	85	8	0.00000001
1	Cook County	1-5	1/21/2010	80	6.69	2.04174E-07
1	Cook County	10-13	1/21/2010	86	7.89	1.28825E-08
1	Cook County	5-8	1/21/2010	84	8.38	4.16869E-09
1	Cook County	10-15	1/21/2010	85	7.83	1.47911E-08
1	Cook County	6-10	1/21/2010	85	7.61	2.45471E-08
1	Cook County	4-6	1/22/2010	92	7.63	2.34423E-08
1	Cook County	4-6	1/22/2010	88	8.19	6.45654E-09
1	Cook County	0-4	1/22/2010	86	8.46	3.46737E-09
1	Cook County	10-15	1/22/2010	88	7.9	1.25893E-08
1	Cook County	10-15	1/22/2010	87	7.9	1.25893E-08
1	Cook County	6-9	1/22/2010	85	8.14	7.24436E-09
1	Cook County	0-5	1/22/2010	78	7.86	1.38038E-08
1	Cook County	0-5	1/22/2010	85	8.96	1.09648E-09
1	Cook County	5-10	1/22/2010	87	8.58	2.63027E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-5	1/22/2010	87	8.68	2.0893E-09
1	Cook County	0-2	2/22/2010	89	8.08	8.31764E-09
1	Cook County	2-4	2/22/2010	87	7.41	3.89045E-08
1	Cook County	6-8	2/22/2010	87	9.05	8.91251E-10
1	Cook County	0-2	2/22/2010	85	7.88	1.31826E-08
1	Cook County	4-6	2/22/2010	94	7.73	1.86209E-08
1	Cook County	6-8	2/22/2010	87	8.15	7.07946E-09
1	Cook County	0-2	2/23/2010	76	7.35	4.46684E-08
1	Cook County	2-4	2/23/2010	89	7.12	7.58578E-08
1	Cook County	6-8	2/23/2010	88	8.03	9.33254E-09
1	Cook County	0-2	2/23/2010	80	7.57	2.69153E-08
1	Cook County	4-6	2/23/2010	84	7.73	1.86209E-08
1	Cook County	6-8	2/23/2010	94	7.88	1.31826E-08
1	Cook County	2-4	6/17/2010	81	8.17	6.76083E-09
1	Cook County	4-8	6/17/2010	82	8.12	7.58578E-09
1	Cook County	0-5	6/17/2010	87	8.38	4.16869E-09
1	Cook County	5-9.5	6/17/2010	84	8.4	3.98107E-09
1	Cook County	0-4	6/17/2010	85	8.07	8.51138E-09
1	Cook County	4-8	6/17/2010	87	8.19	6.45654E-09
1	Cook County	0-4	6/17/2010	86	8.22	6.0256E-09
1	Cook County	4-8	6/17/2010	82	8.05	8.91251E-09
1	Cook County	4-8	6/17/2010	82	8.15	7.07946E-09
1	Cook County	0-4	6/17/2010	86	8.29	5.12861E-09
1	Cook County	4-8	6/17/2010	86	7.78	1.65959E-08
1	Cook County	0-4	6/17/2010	80	8	0.00000001
1	Cook County	4-8	6/17/2010	86	8.33	4.67735E-09
1	Cook County	4-8	6/17/2010	86	8.27	5.37032E-09
1	Cook County	0-4	6/17/2010	83	7.91	1.23027E-08
1	Cook County	4-8	6/17/2010	85	7.76	1.7378E-08
1	Cook County	0-4	6/17/2010	83	7.84	1.44544E-08
1	Cook County	4-8	6/17/2010	86	8.18	6.60693E-09
1	Cook County	0-4	6/17/2010	78	8.28	5.24807E-09
1	Cook County	4-8	6/17/2010	82	8.18	6.60693E-09
1	Cook County	4-8	6/17/2010	80	7.99	1.02329E-08
1	Cook County	0-4	6/17/2010	83	8.2	6.30957E-09
1	Cook County	4-8	6/17/2010	81	8	0.00000001
1	Cook County	4-8	6/18/2010	85	8.33	4.67735E-09
1	Cook County	4-8	6/18/2010	86	8.27	5.37032E-09
1	Cook County	0-4	6/18/2010	79	8.64	2.29087E-09
1	Cook County	0-4	6/18/2010	80	8.15	7.07946E-09
1	Cook County	4-8	6/18/2010	82	8.19	6.45654E-09
1	Cook County	5-9.5	6/18/2010	80	7.99	1.02329E-08
1	Cook County	0-5	6/18/2010	79	7.64	2.29087E-08
1	Cook County	5-9.5	6/18/2010	80	7.97	1.07152E-08
1	Cook County	0-4	6/18/2010	81	7.91	1.23027E-08
1	Cook County	4-8	6/18/2010	80	8.01	9.77237E-09
1	Cook County	0-4	6/18/2010	83	8.38	4.16869E-09
1	Cook County	4-7.5	6/18/2010	84	8.41	3.89045E-09
1	Cook County	0-4	6/18/2010	85	8.59	2.5704E-09
1	Cook County	4-8	6/18/2010	86	8.68	2.0893E-09
1	Cook County	0-4	6/18/2010	85	8.41	3.89045E-09
1	Cook County	4-7.5	6/18/2010	83	8.38	4.16869E-09
1	Cook County	0-4	6/18/2010	82	8.4	3.98107E-09
1	Cook County	4-8	6/18/2010	81	8.34	4.57088E-09
1	Cook County	0-4	6/18/2010	80	8.38	4.16869E-09
1	Cook County	4-8	6/18/2010	88	8.74	1.8197E-09
1	Cook County	0-4	6/18/2010	80	8.55	2.81838E-09
1	Cook County	4-8	6/18/2010	83	8.22	6.0256E-09
1	Cook County	0-4	6/18/2010	87	8.95	1.12202E-09
1	Cook County	4-8	6/18/2010	81	8.13	7.4131E-09
1	Cook County	4-8	6/18/2010	83	7.89	1.28825E-08
1	Cook County	4-8	6/18/2010	84	8.02	9.54993E-09
1	Cook County	0-4	6/18/2010	87	8.09	8.12831E-09
1	Cook County	0-5	6/18/2010	85	8.59	2.5704E-09
1	Cook County	5-9.5	6/18/2010	83	8.33	4.67735E-09
1	Cook County	4-8	6/21/2010	82	8.03	9.33254E-09
1	Cook County	0-4	6/21/2010	78	6.81	1.54882E-07
1	Cook County	4-8	6/21/2010	87	8.19	6.45654E-09
1	Cook County	0-4	6/21/2010	80	7.96	1.09648E-08
1	Cook County	4-8	6/21/2010	83	7.83	1.47911E-08
1	Cook County	0-4	6/21/2010	82	7.59	2.5704E-08
1	Cook County	0-4	6/21/2010	82	8.57	2.69153E-09
1	Cook County	4-8	6/21/2010	85	8.37	4.2658E-09
1	Cook County	0-4	6/21/2010	88	7.64	2.29087E-08
1	Cook County	4-8	6/21/2010	87	7.94	1.14815E-08
1	Cook County	0-4	6/21/2010	88	7.93	1.1749E-08
1	Cook County	4-7.5	6/21/2010	87	7.86	1.38038E-08
1	Cook County	0-4	6/21/2010	85	8.34	4.57088E-09
1	Cook County	4-7.5	6/21/2010	89	7.54	2.88403E-08
1	Cook County	0-4	6/21/2010	83	8.68	2.0893E-09
1	Cook County	4-7.5	6/21/2010	82	7.94	1.14815E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	4-8	6/21/2010	85	8.39	4.0738E-09
1	Cook County	4-8	6/21/2010	89	8.02	9.54993E-09
1	Cook County	0-4	6/21/2010	84	8.29	5.12861E-09
1	Cook County	0-4	6/21/2010	80	7.55	2.81838E-08
1	Cook County	4-8	6/21/2010	84	7.82	1.51356E-08
1	Cook County	4-8	6/21/2010	85	7.64	2.29087E-08
1	Cook County	0-4	6/21/2010	87	8.22	6.0256E-09
1	Cook County	4-8	6/21/2010	86	7.89	1.28825E-08
1	Cook County	0-4	6/21/2010	84	7.68	2.0893E-08
1	Cook County	4-8	6/21/2010	86	7.74	1.8197E-08
1	Cook County	4-8	6/21/2010	85	7.63	2.34423E-08
1	Cook County	0-4	6/21/2010	86	7.96	1.09648E-08
1	Cook County	4-8	6/21/2010	79	6.83	1.47911E-07
1	Cook County	0-4	6/21/2010	81	8.22	6.0256E-09
1	Cook County	4-8	6/21/2010	84	8.28	5.24807E-09
1	Cook County	4-8	6/21/2010	85	7.72	1.90546E-08
1	Cook County	0-4	6/21/2010	85	8.57	2.69153E-09
1	Cook County	4-8	6/21/2010	85	7.91	1.23027E-08
1	Cook County	0-4	6/22/2010	85	7.82	1.51356E-08
1	Cook County	4-8	6/22/2010	85	7.81	1.54882E-08
1	Cook County	0-4	6/22/2010	85	8.31	4.89779E-09
1	Cook County	4-8	6/22/2010	84	7.58	2.63027E-08
1	Cook County	0-4	6/22/2010	85	7.1	7.94328E-08
1	Cook County	4-8	6/22/2010	76	7.2	6.30957E-08
1	Cook County	4-8	6/22/2010	81	7.14	7.24436E-08
1	Cook County	0-4	6/22/2010	82	7.31	4.89779E-08
1	Cook County	4-8	6/22/2010	86	7.62	2.39883E-08
1	Cook County	0-5	6/22/2010	87	7.56	2.75423E-08
1	Cook County	5-9.5	6/22/2010	78	7.71	1.94984E-08
1	Cook County	4-7.5	6/22/2010	85	7.59	2.5704E-08
1	Cook County	4-7.5	6/22/2010	85	7.58	2.63027E-08
1	Cook County	0-4	6/22/2010	88	7.9	1.25893E-08
1	Cook County	4-8	6/22/2010	87	8.02	9.54993E-09
1	Cook County	4-8	6/22/2010	86	7.99	1.02329E-08
1	Cook County	0-4	6/22/2010	88	7.97	1.07152E-08
1	Cook County	0-4	6/22/2010	87	8.25	5.62341E-09
1	Cook County	4-8	6/22/2010	84	7.75	1.77828E-08
1	Cook County	0-4	6/22/2010	90	7.96	1.09648E-08
1	Cook County	4-8	6/22/2010	86	8.17	6.76083E-09
1	Cook County	0-4	6/22/2010	89	7.45	3.54813E-08
1	Cook County	4-7.5	6/22/2010	87	8.26	5.49541E-09
1	Cook County	4-7.5	6/22/2010	87	8.25	5.62341E-09
1	Cook County	0-4	6/23/2010	88	8.03	9.33254E-09
1	Cook County	4-7.5	6/23/2010	87	8.36	4.36516E-09
1	Cook County	0-5	6/23/2010	89	8.19	6.45654E-09
1	Cook County	5-9.5	6/23/2010	83	7.94	1.14815E-08
1	Cook County	0-4	6/23/2010	85	8.19	6.45654E-09
1	Cook County	4-8	6/23/2010	85	8.27	5.37032E-09
1	Cook County	0-4	6/24/2010	88	8.05	8.91251E-09
1	Cook County	4-8	6/24/2010	86	8.1	7.94328E-09
1	Cook County	0-4	6/24/2010	88	8	0.00000001
1	Cook County	4-8	6/24/2010	81	7.83	1.47911E-08
1	Cook County	4-8	6/24/2010	83	7.91	1.23027E-08
1	Cook County	4-8	6/24/2010	85	8.22	6.0256E-09
1	Cook County	0-4	6/24/2010	81	8.43	3.71535E-09
1	Cook County	0-4	6/24/2010	85	8.09	8.12831E-09
1	Cook County	4-8	6/24/2010	85	8.23	5.88844E-09
1	Cook County	0-4	6/24/2010	85	8.55	2.81838E-09
1	Cook County	4-7.5	6/24/2010	85	8.15	7.07946E-09
1	Cook County	0-4	6/24/2010	90	8.48	3.31131E-09
1	Cook County	4-8	6/24/2010	86	8.39	4.0738E-09
1	Cook County	0-4	6/24/2010	80	7.37	4.2658E-08
1	Cook County	4-8	6/24/2010	82	8.14	7.24436E-09
1	Cook County	0-4	6/24/2010	83	7.85	1.41254E-08
1	Cook County	4-8	6/24/2010	86	8.31	4.89779E-09
1	Cook County	4-7.5	6/24/2010	81	7.77	1.69824E-08
1	Cook County	0-4	6/24/2010	80	7.8	1.58489E-08
1	Cook County	4-7.5	6/24/2010	82	7.78	1.65959E-08
1	Cook County	0-5	6/24/2010	85	8.09	8.12831E-09
1	Cook County	5-9.5	6/24/2010	83	8.03	9.33254E-09
1	Cook County	0-4	10/7/2010	88	8.42	3.80189E-09
1	Cook County	0-4	10/7/2010	85	7.98	1.04713E-08
1	Cook County	0-4	10/7/2010	82	7.45	3.54813E-08
1	Cook County	0-4	10/7/2010	95	8.61	2.45471E-09
1	Cook County	0-4	10/7/2010	84	7.7	1.99526E-08
1	Cook County	0-4	10/7/2010	82	7.63	2.34423E-08
1	Cook County	0-4	10/7/2010	85	7.84	1.44544E-08
1	Cook County	0-4	10/7/2010	82	7.79	1.62181E-08
1	Cook County	0-4	10/7/2010	86	7.89	1.28825E-08
1	Cook County	0-4	10/7/2010	82	8.02	9.54993E-09
1	Cook County	4-8	10/7/2010	86	7.83	1.47911E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	4-8	10/7/2010	85	7.6	2.51189E-08
1	Cook County	0-4	10/7/2010	86	7.08	8.31764E-08
1	Cook County	4-8	10/7/2010	79	7.5	3.16228E-08
1	Cook County	0-4	10/7/2010	83	7	0.0000001
1	Cook County	0-4	10/7/2010	85	7.31	4.89779E-08
1	Cook County	4-8	10/7/2010	85	7.6	2.51189E-08
1	Cook County	0-4	10/7/2010	86	7.67	2.13796E-08
1	Cook County	4-8	10/7/2010	83	7.8	1.58489E-08
1	Cook County	0-4	10/7/2010	84	7.05	8.91251E-08
1	Cook County	4-8	10/7/2010	82	7.73	1.86209E-08
1	Cook County	0-4	10/7/2010	84	6.89	1.28825E-07
1	Cook County	0-4	10/8/2010	82	7.85	1.41254E-08
1	Cook County	0-4	10/8/2010	82	7.95	1.12202E-08
1	Cook County	4-8	10/8/2010	84	8.11	7.76247E-09
1	Cook County	0-4	10/8/2010	82	8.15	7.07946E-09
1	Cook County	4-8	10/8/2010	84	7.91	1.23027E-08
1	Cook County	0-4	10/8/2010	83	7.96	1.09648E-08
1	Cook County	0-4	10/8/2010	80	8.29	5.12861E-09
1	Cook County	0-4	10/8/2010	78	7.37	4.2658E-08
1	Cook County	0-8	10/8/2010	77	7.3	5.01187E-08
1	Cook County	4-8	10/8/2010	80	8.13	7.4131E-09
1	Cook County	0-4	10/8/2010	81	8.04	9.12011E-09
1	Cook County	4-8	10/8/2010	84	8	0.00000001
1	Cook County	0-4	10/8/2010	84	8.18	6.60693E-09
1	Cook County	0-4	10/8/2010	80	8.04	9.12011E-09
1	Cook County	0-4	10/8/2010	78	7.63	2.34423E-08
1	Cook County	0-4	10/8/2010	79	7.54	2.88403E-08
1	Cook County	0-4	10/8/2010	79	7.39	4.0738E-08
1	Cook County	0-4	10/8/2010	80	7.3	5.01187E-08
1	Cook County	0-4	10/8/2010	75	7.19	6.45654E-08
1	Cook County	0-4	10/11/2010	86	7.64	2.29087E-08
1	Cook County	0-4	10/11/2010	87	8.02	9.54993E-09
1	Cook County	4-8	10/11/2010	84	7.47	3.38844E-08
1	Cook County	0-4	10/11/2010	86	7.86	1.38038E-08
1	Cook County	4-8	10/11/2010	85	8.12	7.58578E-09
1	Cook County	4-8	10/11/2010	87	7.94	1.14815E-08
1	Cook County	0-4	10/11/2010	85	7.73	1.86209E-08
1	Cook County	0-4	10/11/2010	81	7.47	3.38844E-08
1	Cook County	0-4	10/11/2010	75	7.46	3.46737E-08
1	Cook County	0-4	10/11/2010	81	7.9	1.25893E-08
1	Cook County	0-4	10/11/2010	77	7.26	5.49541E-08
1	Cook County	0-4	10/11/2010	79	7.64	2.29087E-08
1	Cook County	0-4	10/11/2010	77	7.31	4.89779E-08
1	Cook County	0-4	10/11/2010	84	8.49	3.23594E-09
1	Cook County	4-8	10/11/2010	81	7.4	3.98107E-08
1	Cook County	0-4	10/11/2010	87	7.47	3.38844E-08
1	Cook County	4-8	10/11/2010	88	7.49	3.23594E-08
1	Cook County	0-4	10/11/2010	81	7.05	8.91251E-08
1	Cook County	4-8	10/11/2010	80	7.08	8.31764E-08
1	Cook County	0-4	10/11/2010	81	7.39	4.0738E-08
1	Cook County	4-8	10/11/2010	85	8.17	6.76083E-09
1	Cook County	0-4	10/11/2010	85	8.3	5.01187E-09
1	Cook County	0-4	10/11/2010	85	8.13	7.4131E-09
1	Cook County	0-4	10/11/2010	84	8.05	8.91251E-09
1	Cook County	0-4	10/11/2010	86	8.4	3.98107E-09
1	Cook County	4-8	10/11/2010	84	8.1	7.94328E-09
1	Cook County	8-12	10/11/2010	85	8	0.00000001
1	Cook County	0-4	10/11/2010	85	8.39	4.0738E-09
1	Cook County	0-4	10/11/2010	87	8.13	7.4131E-09
1	Cook County	8-12	10/11/2010	83	8.06	8.70964E-09
1	Cook County	0-4	10/11/2010	84	7.54	2.88403E-08
1	Cook County	4-8	10/11/2010	84	8.15	7.07946E-09
1	Cook County	0-4	10/11/2010	81	7.78	1.65959E-08
1	Cook County	4-8	10/11/2010	85	8.26	5.49541E-09
1	Cook County	0-4	10/11/2010	85	8.04	9.12011E-09
1	Cook County	0-4	10/11/2010	87	7.81	1.54882E-08
1	Cook County	0-4	10/11/2010	87	8.04	9.12011E-09
1	Cook County	0-4	10/11/2010	85	7.65	2.23872E-08
1	Cook County	0-5	12/21/2010	85	8.07	8.51138E-09
1	Cook County	5-10	12/21/2010	85	7.5	3.16228E-08
1	Cook County	0-5	12/21/2010	88	8.34	4.57088E-09
1	Cook County	0-5	12/21/2010	88	8.34	4.57088E-09
1	Cook County	5-10	12/21/2010	82	7.75	1.77828E-08
1	Cook County	0-5	12/21/2010	88	8.16	6.91831E-09
1	Cook County	5-10	12/21/2010	85	7.86	1.38038E-08
1	Cook County	0-5	12/21/2010	87	8.2	6.30957E-09
1	Cook County	5-10	12/21/2010	87	7.75	1.77828E-08
1	Cook County	0-4	12/22/2010	83	8	0.00000001
1	Cook County	0-4	12/22/2010	82	8.05	8.91251E-09
1	Cook County	0-4	12/22/2010	82	8.16	6.91831E-09
1	Cook County	0-4	12/22/2010	83	7.76	1.7378E-08

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4	12/22/2010	79	7.63	2.34423E-08
1	Cook County	0-4	12/22/2010	81	7.93	1.1749E-08
1	Cook County	0-4	12/22/2010	82	8.02	9.54993E-09
1	Cook County	0-4	12/22/2010	83	7.92	1.20226E-08
1	Cook County	0-4	12/22/2010	79	8.14	7.24436E-09
1	Cook County	0-4	12/22/2010	82	7.87	1.34896E-08
1	Cook County	0-4	12/22/2010	82	8.28	5.24807E-09
1	Cook County	0-5	12/22/2010	78	9.66	2.18776E-10
1	Cook County	5-10	12/22/2010	79	7.7	1.99526E-08
1	Cook County	10-15	12/22/2010	81	7.74	1.8197E-08
1	Cook County	10-15	12/22/2010	84	7.67	2.13796E-08
1	Cook County	5-10	12/22/2010	78	7.55	2.81838E-08
1	Cook County	0-5	12/22/2010	83	8.18	6.60693E-09
1	Cook County	5-10	12/22/2010	80	7.57	2.69153E-08
1	Cook County	10-15	12/22/2010	82	7.57	2.69153E-08
1	Cook County	10-15	12/22/2010	81	7.87	1.34896E-08
1	Cook County	5-10	12/22/2010	79	7.91	1.23027E-08
1	Cook County	0-5	12/22/2010	82	7.39	4.0738E-08
1	Cook County	0-5	12/22/2010	82	7.95	1.12202E-08
1	Cook County	0-5	12/22/2010	86	7.78	1.65959E-08
1	Cook County	0-5	12/22/2010	82	10.1	7.94328E-11
1	Cook County	0-4	12/23/2010	85	7.44	3.63078E-08
1	Cook County	0-4	12/23/2010	86	7.65	2.23872E-08
1	Cook County	0-4	12/23/2010	84	8.09	8.12831E-09
1	Cook County	0-4	12/23/2010	86	7.76	1.7378E-08
1	Cook County	0-5	12/23/2010	84	7.62	2.39883E-08
1	Cook County	0-5	12/23/2010	81	7.57	2.69153E-08
1	Cook County	5-10	12/23/2010	71	7.57	2.69153E-08
1	Cook County	0-5	12/23/2010	84	8.02	9.54993E-09
1	Cook County	5-10	12/23/2010	84	8.05	8.91251E-09
1	Cook County	0-5	12/23/2010	82	8.21	6.16595E-09
1	Cook County	5-10	12/23/2010	79	7.85	1.41254E-08
1	Cook County	10-15	12/23/2010	78	7.9	1.25893E-08
1	Cook County	0-5	12/23/2010	85	7.8	1.58489E-08
1	Cook County	10-15	12/23/2010	82	7.86	1.38038E-08
1	Cook County	5-10	12/23/2010	80	7.97	1.07152E-08
1	Cook County	0-5	12/23/2010	84	7.35	4.46684E-08
1	Cook County	0-5	12/23/2010	83	7.48	3.31131E-08
1	Cook County	5-10	12/23/2010	82	7.31	4.89779E-08
1	Cook County	0-5	12/23/2010	83	7.52	3.01995E-08
1	Cook County	5-10	12/23/2010	82	7.62	2.39883E-08
1	Cook County	0-5	12/23/2010	89	7.47	3.38844E-08
1	Cook County	5-10	12/23/2010	80	7.15	7.07946E-08
1	Cook County	0-5	12/28/2010	94	7.92	1.20226E-08
1	Cook County	5-10	12/28/2010	94	8.23	5.88844E-09
1	Cook County	10-15	12/28/2010	82	8.02	9.54993E-09
1	Cook County	0-5	12/28/2010	91	7.55	2.81838E-08
1	Cook County	5-10	12/28/2010	80	7.46	3.46737E-08
1	Cook County	15-20	12/29/2010	86	7.62	2.39883E-08
1	Cook County	0-5	12/29/2010	84	8.05	8.91251E-09
1	Cook County	10-15	12/29/2010	83	8.12	7.58578E-09
1	Cook County	20-25	12/29/2010	85	7.42	3.80189E-08
1	Cook County	0-5	12/29/2010	82	8.14	7.24436E-09
1	Cook County	0-5	12/29/2010	82	8.27	5.37032E-09
1	Cook County	5-10	12/29/2010	82	8.21	6.16595E-09
1	Cook County	5-10	12/29/2010	79	8.1	7.94328E-09
1	Cook County	10-15	12/29/2010	79	8.71	1.94984E-09
1	Cook County	15-20	12/29/2010	81	7.62	2.39883E-08
1	Cook County	15-20	12/29/2010	86	7.53	2.95121E-08
1	Cook County	20-25	12/29/2010	82	7.82	1.51356E-08
1	Cook County	10-15	12/29/2010	80	7.73	1.86209E-08
1	Cook County	5-10	12/29/2010	81	8.08	8.31764E-09
1	Cook County	0-5	12/29/2010	84	7.7	1.99526E-08
1	Cook County	20-25	12/29/2010	83	7.56	2.75423E-08
1	Cook County	5-10	12/29/2010	78	7.87	1.34896E-08
1	Cook County	0-5	12/29/2010	86	7.55	2.81838E-08
1	Cook County	5-10	12/29/2010	82	7.62	2.39883E-08
1	Cook County	0-5	12/29/2010	84	8.23	5.88844E-09
1	Cook County	6-12	5/2/2011	85	7.68	2.0893E-08
1	Cook County	0-6	5/2/2011	91	7.87	1.34896E-08
1	Cook County	0-6	5/2/2011	79	7.38	4.16869E-08
1	Cook County	6-12	5/2/2011	85	7.73	1.86209E-08
1	Cook County	6-12	5/2/2011	86	7.71	1.94984E-08
1	Cook County	0-6	5/2/2011	83	7.86	1.38038E-08
1	Cook County	6-12	5/2/2011	83	8.33	4.67735E-09
1	Cook County	0-6	5/2/2011	78	8.25	5.62341E-09
1	Cook County	0-6	5/2/2011	79	7.82	1.51356E-08
1	Cook County	6-12	5/2/2011	86	8	0.00000001
1	Cook County	6-12	5/2/2011	85	8.46	3.46737E-09
1	Cook County	0-6	5/2/2011	85	8.1	7.94328E-09
1	Cook County	0-6	5/2/2011	86	8.28	5.24807E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-6	5/2/2011	83	8.4	3.98107E-09
1	Cook County	6-12	5/2/2011	83	7.93	1.1749E-08
1	Cook County	0-6	5/2/2011	81	8.09	8.12831E-09
1	Cook County	6-12	5/2/2011	86	8.16	6.91831E-09
1	Cook County	0-6	5/2/2011	79	8.25	5.62341E-09
1	Cook County	6-12	5/2/2011	81	7.98	1.04713E-08
1	Cook County	0-6	5/2/2011	85	8.45	3.54813E-09
1	Cook County	0-6	5/2/2011	85	8.45	3.54813E-09
1	Cook County	6-12	5/2/2011	90	8.1	7.94328E-09
1	Cook County	0-6	5/3/2011	94	8.71	1.94984E-09
1	Cook County	6-12	5/3/2011	79	8.61	2.45471E-09
1	Cook County	6-12	5/3/2011	90	8.54	2.88403E-09
1	Cook County	0-6	5/3/2011	87	8.77	1.69824E-09
1	Cook County	0-6	5/3/2011	87	8.66	2.18776E-09
1	Cook County	6-12	5/3/2011	83	8.53	2.95121E-09
1	Cook County	0-6	5/3/2011	80	8.66	2.18776E-09
1	Cook County	6-12	5/3/2011	80	8.06	8.70964E-09
1	Cook County	6-12	5/3/2011	82	8.35	4.46684E-09
1	Cook County	0-6	5/3/2011	84	8.77	1.69824E-09
1	Cook County	0-6	5/3/2011	83	8.86	1.38038E-09
1	Cook County	0-6	5/3/2011	82	7.95	1.12202E-08
1	Cook County	6-12	5/3/2011	84	7.87	1.34896E-08
1	Cook County	0-6	5/3/2011	90	8.4	3.98107E-09
1	Cook County	6-12	5/3/2011	86	8.1	7.94328E-09
1	Cook County	0-6	5/3/2011	89	8.78	1.65959E-09
1	Cook County	6-12	5/3/2011	93	8.26	5.49541E-09
1	Cook County	0-6	5/3/2011	85	9.1	7.94328E-10
1	Cook County	6-12	5/3/2011	88	8.13	7.4131E-09
1	Cook County	0-6	5/3/2011	83	8.48	3.31131E-09
1	Cook County	6-12	5/3/2011	85	8.1	7.94328E-09
1	Cook County	0-6	5/3/2011	87	8.63	2.34423E-09
1	Cook County	6-12	5/3/2011	84	7.69	2.04174E-08
1	Cook County	0-6	5/3/2011	78	7.36	4.36516E-08
1	Cook County	6-12	5/3/2011	83	7.9	1.25893E-08
1	Cook County	0-2	8/26/2011	81	8.61	2.45471E-09
1	Cook County	0-5	8/26/2011	84	8.35	4.46684E-09
1	Cook County	0-2	8/26/2011	80	7.82	1.51356E-08
1	Cook County	0-5.5	8/26/2011	79	7.63	2.34423E-08
1	Cook County	0-4	8/26/2011	84	8.38	4.16869E-09
1	Cook County	0-4	8/26/2011	95	8.55	2.81838E-09
1	Cook County	0-4	8/26/2011	83	8.04	9.12011E-09
1	Cook County	0-4	8/26/2011	83	8.03	9.33254E-09
1	Cook County	0-4	8/26/2011	78	7.92	1.20226E-08
1	Cook County	0-4	8/26/2011	91	8.48	3.31131E-09
1	Cook County	0-4	8/26/2011	83	8.15	7.07946E-09
1	Cook County	0-2	8/26/2011	82	8.04	9.12011E-09
1	Cook County	0-2	8/26/2011	87	9.09	8.12831E-10
1	Cook County	0-2	8/26/2011	83	9.18	6.60693E-10
1	Cook County	0-2	8/26/2011	84	8.42	3.80189E-09
1	Cook County	0-2	8/26/2011	84	8.72	1.90546E-09
1	Cook County	0-2	8/26/2011	93	8.51	3.0903E-09
1	Cook County	0-2	8/26/2011	93	8.67	2.13796E-09
1	Cook County	0-2	8/26/2011	87	7.96	1.09648E-08
1	Cook County	0-2	8/26/2011	83	8.62	2.39883E-09
1	Cook County	11-16.5	10/21/2011	83	8.07	8.51138E-09
1	Cook County	11-16.5	10/21/2011	85	7.98	1.04713E-08
1	Cook County	5.5-11	10/21/2011	82	7.77	1.69824E-08
1	Cook County	16.5-23	10/21/2011	82	7.96	1.09648E-08
1	Cook County	16.5-23	10/21/2011	81	8.13	7.4131E-09
1	Cook County	5.5-11	10/21/2011	84	7.9	1.25893E-08
1	Cook County	0-5.5	10/21/2011	83	8.42	3.80189E-09
1	Cook County	0-5.5	10/21/2011	86	8.43	3.71535E-09
1	Cook County	16.5-23	10/21/2011	84	8.17	6.76083E-09
1	Cook County	11-16.5	10/21/2011	84	7.67	2.13796E-08
1	Cook County	5.5-11	10/21/2011	84	7.86	1.38038E-08
1	Cook County	0-5.5	10/21/2011	81	8.58	2.63027E-09
1	Cook County	16.5-23	10/21/2011	82	8.13	7.4131E-09
1	Cook County	11-16.5	10/21/2011	84	7.69	2.04174E-08
1	Cook County	5.5-11	10/21/2011	82	7.97	1.07152E-08
1	Cook County	0-5.5	10/21/2011	88	8.24	5.7544E-09
1	Cook County	0-5.5	10/21/2011	89	8.41	3.89045E-09
1	Cook County	16.5-23	10/21/2011	81	7.99	1.02329E-08
1	Cook County	11-16.5	10/21/2011	84	7.91	1.23027E-08
1	Cook County	0-5.5	10/21/2011	90	8.51	3.0903E-09
1	Cook County	16.5-23	10/21/2011	82	8.09	8.12831E-09
1	Cook County	5.5-11	10/21/2011	81	7.85	1.41254E-08
1	Cook County	16.5-23	10/21/2011	82	8.06	8.70964E-09
1	Cook County	11-16.5	10/21/2011	81	7.74	1.8197E-08
1	Cook County	5.5-11	10/21/2011	82	7.81	1.54882E-08
1	Cook County	0-5.5	10/21/2011	89	8.8	1.58489E-09
1	Cook County	0-5.5	10/21/2011	86	8.54	2.88403E-09

Soil pH
Statewide

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-5.5	10/21/2011	85	8.59	2.5704E-09
1	Cook County	11-16.5	10/21/2011	82	7.75	1.77828E-08
1	Cook County	5.5-11	10/21/2011	85	7.73	1.86209E-08
1	Cook County	0-5.5	10/21/2011	84	8.45	3.54813E-09
1	Cook County	0-5.5	10/21/2011	81	8.18	6.60693E-09
1	Cook County	16.5-23	10/21/2011	82	7.88	1.31826E-08
1	Cook County	11-16.5	10/21/2011	81	7.78	1.65959E-08
1	Cook County	5.5-11	10/21/2011	82	7.77	1.69824E-08
1	Cook County	0-5.5	10/21/2011	84	7.99	1.02329E-08
1	Cook County	5.5-11	10/24/2011	89	8.58	2.63027E-09
1	Cook County	11-16.5	10/24/2011	83	7.49	3.23594E-08
1	Cook County	16.5-23	10/24/2011	83	8.04	9.12011E-09
1	Cook County	11-16.5	10/24/2011	82	7.92	1.20226E-08
1	Cook County	5.5-11	10/24/2011	90	8.26	5.49541E-09
1	Cook County	0-5.5	10/24/2011	87	8.54	2.88403E-09
1	Cook County	0-5.5	10/24/2011	86	8.6	2.51189E-09
1	Cook County	16.5-23	10/24/2011	80	7.93	1.1749E-08
1	Cook County	0-5.5	10/24/2011	91	8.38	4.16869E-09
1	Cook County	0-5.5	10/24/2011	92	8.4	3.98107E-09
1	Cook County	0-5.5	10/24/2011	84	8.82	1.51356E-09
1	Cook County	16.5-23	10/24/2011	84	7.8	1.58489E-08
1	Cook County	11-16.5	10/24/2011	81	7.87	1.34896E-08
1	Cook County	16.5-23	10/24/2011	82	7.99	1.02329E-08
1	Cook County	11-16.5	10/24/2011	82	7.8	1.58489E-08
1	Cook County	5.5-11	10/24/2011	83	8.54	2.88403E-09
1	Cook County	16.5-23	10/24/2011	81	8.07	8.51138E-09
1	Cook County	5.5-11	10/24/2011	83	7.99	1.02329E-08
1	Cook County	0-5.5	10/24/2011	85	8.79	1.62181E-09
1	Cook County	11-16.5	10/24/2011	81	7.81	1.54882E-08
1	Cook County	0-5.5	10/24/2011	87	8.29	5.12861E-09
1	Cook County	5.5-11	10/24/2011	84	8.19	6.45654E-09
1	Cook County	16.5-23	10/24/2011	83	8.15	7.07946E-09
1	Cook County	5.5-11	10/24/2011	85	7.71	1.94984E-08
1	Cook County	0-5.5	10/24/2011	86	8.79	1.62181E-09
1	Cook County	0-5.5	10/24/2011	81	8.79	1.62181E-09
1	Cook County	5.5-11	10/24/2011	82	7.81	1.54882E-08
1	Cook County	5.5-11	10/24/2011	87	8.83	1.47911E-09
1	Cook County	0-5.5	10/24/2011	83	8.06	8.70964E-09
1	Cook County	0-5.5	10/24/2011	85	9.45	3.54813E-10
1	Cook County	11-16.5	10/24/2011	86	7.82	1.51356E-08
1	Cook County	0-5.5	10/24/2011	85	8.33	4.67735E-09
1	Cook County	5.5-11	10/24/2011	82	7.73	1.86209E-08
1	Cook County	5.5-11	10/24/2011	84	7.94	1.14815E-08
1	Cook County	0-5.5	10/24/2011	84	8.02	9.54993E-09
1	Cook County	5.5-11	10/24/2011	82	7.75	1.77828E-08
1	Cook County	5.5-11	10/24/2011	84	8.13	7.4131E-09
1	Cook County	5.5-11	10/24/2011	88	8.57	2.69153E-09
1	Cook County	0-5.5	10/24/2011	85	8.44	3.63078E-09
1	Cook County	5.5-11	10/24/2011	86	8.38	4.16869E-09
1	Cook County	5.5-11	10/24/2011	83	7.72	1.90546E-08
1	Cook County	0-5.5	10/24/2011	83	8.19	6.45654E-09
1	Cook County	0-5.5	10/24/2011	84	8.44	3.63078E-09
1	Cook County	5.5-11	10/24/2011	81	7.98	1.04713E-08
1	Cook County	0-5.5	10/24/2011	85	8.8	1.58489E-09
1	Cook County	5.5-11	10/24/2011	84	7.79	1.62181E-08
1	Cook County	0-5.5	10/24/2011	84	8.78	1.65959E-09
1	Cook County	5.5-11	10/24/2011	83	7.89	1.28825E-08
1	Cook County	0-5.5	10/24/2011	94	9.26	5.49541E-10

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
13	7.96	9.47	0.4726	8.4769	5.06601E-09	8.295

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
6	Adams County	5-7	11/19/2007	84	8.43	3.71535E-09
6	Adams County	5-7	11/19/2007	84	8.26	5.49541E-09
6	Adams County	4-6	11/20/2007	80	8.73	1.86209E-09
6	Adams County	13-15	11/20/2007	78	8.11	7.76247E-09
6	Adams County	13-15	11/20/2007	83	7.98	1.04713E-08
6	Adams County	12-14	11/20/2007	65	7.96	1.09648E-08
6	Adams County	10-12	11/19/2007	82	8.05	8.91251E-09
6	Adams County	5-7	11/19/2007	81	8.87	1.34896E-09
6	Adams County	5-7	11/19/2007	82	8.48	3.31131E-09
6	Adams County	2-4	11/19/2007	80	9.47	3.38844E-10
6	Adams County	3-5	11/19/2007	82	9.03	9.33254E-10
6	Adams County	3-5	11/19/2007	80	8.04	9.12011E-09
6	Adams County	3-5	11/19/2007	79	8.79	1.62181E-09

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
18	5.55	9.3	0.9524	8.1867	1.70787E-07	6.768

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^(-pH)
2	Boone County	0-6	7/28/2010	85	7.44	3.63078E-08
2	Boone County	0-6	7/28/2010	83	7.08	8.31764E-08
2	Boone County	0-6	7/28/2010	79	7.5	3.16228E-08
2	Boone County	9.5-10.5	7/28/2010	89	5.55	2.81838E-06
2	Boone County	0-2	7/28/2010	87	8.44	3.63078E-09
2	Boone County	0-2	7/28/2010	81	8.07	8.51138E-09
2	Boone County	0-2	7/28/2010	81	8.1	7.94328E-09
2	Boone County	0-2	7/28/2010	90	8.95	1.12202E-09
2	Boone County	0-2	7/28/2010	84	8.91	1.23027E-09
2	Boone County	0-5	7/28/2010	93	9.15	7.07946E-10
2	Boone County	0-4	7/28/2010	75	8.84	1.44544E-09
2	Boone County	0-2	7/28/2010	82	7.22	6.0256E-08
2	Boone County	0-2	7/28/2010	81	8.54	2.88403E-09
2	Boone County	0-2	7/28/2010	88	8.03	9.33254E-09
2	Boone County	0-2	7/28/2010	81	8.42	3.80189E-09
2	Boone County	0-2	7/28/2010	86	8.56	2.75423E-09
2	Boone County	0-2	7/28/2010	89	9.3	5.01187E-10
2	Boone County	0-2	7/28/2010	88	9.26	5.49541E-10

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
16	5.85	7.64	0.5138	6.9900	2.25429E-07	6.647

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
6	Brown County	0-2	9/1/2009	79	7.53	2.95121E-08
6	Brown County	0-2	8/31/2009	76	7.23	5.88844E-08
6	Brown County	0-2	9/1/2009	77	6.1	7.94328E-07
6	Brown County	2-4	8/31/2009	79	6.91	1.23027E-07
6	Brown County	2-4	8/31/2009	76	5.85	1.41254E-06
6	Brown County	2-4	8/31/2009	79	7.51	3.0903E-08
6	Brown County	2-4	9/1/2009	75	7.64	2.29087E-08
6	Brown County	6-8	9/1/2009	76	7.04	9.12011E-08
6	Brown County	6-8	9/1/2009	79	7.16	6.91831E-08
6	Brown County	6-8	8/31/2009	78	7.36	4.36516E-08
6	Brown County	6-8	9/1/2009	79	7.38	4.16869E-08
6	Brown County	8-10	9/1/2009	77	6.93	1.1749E-07
6	Brown County	8-10	9/1/2009	79	7.27	5.37032E-08
6	Brown County	10-12	8/31/2009	79	6.68	2.0893E-07
6	Brown County	12-14	9/1/2009	80	6.46	3.46737E-07
6	Brown County	14-16	8/31/2009	80	6.79	1.62181E-07

Electronic Filing - Received, Clerk's Office, 04/18/2012

* * * * * PC# 32 * * * * *

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
35	7.27	9	0.4087	8.1697	9.56011E-09	8.020

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
3	Bureau County	0-2	9/28/2011	82.4	8.77	1.69824E-09
3	Bureau County	0-2	9/27/2011	80.3	8.27	5.37032E-09
3	Bureau County	0-2	9/27/2011	81.9	7.73	1.86209E-08
3	Bureau County	0-2	9/27/2011	80.3	7.66	2.18776E-08
3	Bureau County	0-2	9/27/2011	80.3	7.8	1.58489E-08
3	Bureau County	0-2	9/28/2011	82.6	8.54	2.88403E-09
3	Bureau County	0-2	9/28/2011	83.7	8.08	8.31764E-09
3	Bureau County	0-2	9/28/2011	84.5	8.73	1.86209E-09
3	Bureau County	0-2	9/28/2011	85	7.27	5.37032E-08
3	Bureau County	0-2	9/27/2011	82.5	8.5	3.16228E-09
3	Bureau County	0-2	9/28/2011	76	8.04	9.12011E-09
3	Bureau County	0-2	9/28/2011	85.1	8.15	7.07946E-09
3	Bureau County	0-2	3/15/2007	82.1	8.6	2.51189E-09
3	Bureau County	0-2	9/28/2011	88.5	8.34	4.57088E-09
3	Bureau County	0-2	3/15/2007	90.8	8.8	1.58489E-09
3	Bureau County	0-2	3/15/2007	79.2	8	0.00000001
3	Bureau County	0-2	3/15/2007	80.4	8	0.00000001
3	Bureau County	0-2	3/15/2007	82.4	7.7	1.99526E-08
3	Bureau County	0-2	3/15/2007	85.5	9	0.000000001
3	Bureau County	0-2	3/15/2007	82.2	8.8	1.58489E-09
3	Bureau County	0-2	3/15/2007	78.1	8.3	5.01187E-09
3	Bureau County	0-2	3/15/2007	82.2	8.5	3.16228E-09
3	Bureau County	0-2	9/27/2011	79.9	7.95	1.12202E-08
3	Bureau County	2-4	9/28/2011	86.3	8.28	5.24807E-09
3	Bureau County	2-4	9/28/2011	87.9	8.06	8.70964E-09
3	Bureau County	2-4	9/27/2011	91.6	7.95	1.12202E-08
3	Bureau County	2-4	9/28/2011	82.6	7.67	2.13796E-08
3	Bureau County	2-4	9/27/2011	81.2	7.94	1.14815E-08
3	Bureau County	2-4	9/27/2011	78.8	8.52	3.01995E-09
3	Bureau County	2-4	9/27/2011	77	8.53	2.95121E-09
3	Bureau County	2-4	9/27/2011	86.5	7.83	1.47911E-08
3	Bureau County	4-6	9/27/2011	76.9	7.63	2.34423E-08
3	Bureau County	4-6	9/28/2011	85.6	8.18	6.60693E-09
3	Bureau County	4-6	9/28/2011	79.1	7.95	1.12202E-08
3	Bureau County	12-14	9/28/2011	85	7.87	1.34896E-08
3	Bureau County	13-15	3/11/2008	89	8.5	3.16228E-09
3	Bureau County	13-15	3/11/2008	86	8.2	6.30957E-09
3	Bureau County	4-6	3/11/2008	79	9	0.000000001
3	Bureau County	4-6	3/11/2008	80	8.9	1.25893E-09
3	Bureau County	1-3	3/11/2008	82	7.8	1.58489E-08
3	Bureau County	2-4	3/11/2008	80	8.7	1.99526E-09
3	Bureau County	1-3	3/11/2008	82	8.3	5.01187E-09
3	Bureau County	1.1-3.1	3/11/2008	77	7.5	3.16228E-08
3	Bureau County	1.1-3.1	3/11/2008	79	8.4	3.98107E-09
3	Bureau County	6-8	3/11/2008	80	8.2	6.30957E-09

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
3	8.42	9.32	0.4618	8.9300	1.72392E-09	8.763

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration $10^{(-pH)}$
2	Carroll County	2.3-4.3	5/15/2008	92	8.42	3.80189E-09
2	Carroll County	1-2	5/15/2008	87	9.05	8.91251E-10
2	Carroll County	1-2	5/15/2008	95	9.32	4.7863E-10

Soil pH
Champaign County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
35	5.93	8.14	0.6965	7.3291	1.69116E-07	6.772

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^(-pH)
5	Champaign County	0-2	4/29/2010	85.7	7.78	1.65959E-08
5	Champaign County	1-3	4/29/2010	86	7.7	1.99526E-08
5	Champaign County	1-3	4/29/2010	84.5	7.73	1.86209E-08
5	Champaign County	1-3	4/29/2010	84.9	8.14	7.24436E-09
5	Champaign County	1-3	4/29/2010	85.5	8.14	7.24436E-09
5	Champaign County	0-2	4/29/2010	80.8	7.77	1.69824E-08
5	Champaign County	0-2	4/29/2010	81.2	7.7	1.99526E-08
5	Champaign County	0-2	4/29/2010	87.8	8.09	8.12831E-09
5	Champaign County	0-2	4/29/2010	83.4	7.7	1.99526E-08
5	Champaign County	0-2	4/29/2010	81.1	7.71	1.94984E-08
5	Champaign County	0-2	4/29/2010	81.8	7.94	1.14815E-08
5	Champaign County	0-2	4/28/2010	75.1	7.09	8.12831E-08
5	Champaign County	0-2	4/28/2010	76.2	6.31	4.89779E-07
5	Champaign County	0-2	4/28/2010	73.9	6.6	2.51189E-07
5	Champaign County	0-2	4/28/2010	75.6	6.23	5.88844E-07
5	Champaign County	0-2	4/28/2010	80.7	5.94	1.14815E-06
5	Champaign County	0-2	4/29/2010	82.5	7.73	1.86209E-08
5	Champaign County	0-2	4/29/2010	87	8.04	9.12011E-09
5	Champaign County	0-2	4/29/2010	85.8	8.02	9.54993E-09
5	Champaign County	0-2	4/29/2010	84.5	7.77	1.69824E-08
5	Champaign County	0-2	4/28/2010	81.9	5.93	1.1749E-06
5	Champaign County	0-2	4/28/2010	86	6.65	2.23872E-07
5	Champaign County	0-2	4/28/2010	84.8	7.77	1.69824E-08
5	Champaign County	0-2	4/28/2010	83.4	7.85	1.41254E-08
5	Champaign County	0-2	4/28/2010	79.3	6.3	5.01187E-07
5	Champaign County	0-2	4/28/2010	88.5	8	0.00000001
5	Champaign County	0-2	4/28/2010	77.9	6.91	1.23027E-07
5	Champaign County	0-2	4/28/2010	83.4	7.67	2.13796E-08
5	Champaign County	0-2	4/28/2010	85.3	7.74	1.8197E-08
5	Champaign County	0-2	4/28/2010	83.4	7.76	1.7378E-08
5	Champaign County	0-2	4/28/2010	81.4	7.22	6.0256E-08
5	Champaign County	0-2	4/28/2010	77.8	6.47	3.38844E-07
5	Champaign County	0-2	4/28/2010	73	6.83	1.47911E-07
5	Champaign County	0-2	4/28/2010	85.4	6.52	3.01995E-07
5	Champaign County	0-2	4/28/2010	84.6	6.77	1.69824E-07

Soil pH
Christian County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
50	5.92	8.12	0.5847	7.4256	1.21972E-07	6.914

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
6	Christian County	0-4.5	10/11/2011	80.2	7.99	1.02329E-08
6	Christian County	0-4.5	10/11/2011	82.2	7.99	1.02329E-08
6	Christian County	0-4.5	10/11/2011	84	7.85	1.41254E-08
6	Christian County	0-4.5	10/11/2011	79.9	7.97	1.07152E-08
6	Christian County	0-4.5	10/11/2011	80.6	8.02	9.54993E-09
6	Christian County	0-4.5	10/11/2011	80.9	7.92	1.20226E-08
6	Christian County	0-4.5	10/11/2011	80.8	7.99	1.02329E-08
6	Christian County	0-4.5	10/11/2011	80.6	8.01	9.77237E-09
6	Christian County	0-4.5	10/11/2011	79.1	7.75	1.77828E-08
6	Christian County	0-4.5	10/11/2011	81.2	8.12	7.58578E-09
6	Christian County	0-4.5	10/11/2011	84.6	7.85	1.41254E-08
6	Christian County	0-4.5	10/11/2011	79.8	7.81	1.54882E-08
6	Christian County	0-4.5	10/11/2011	80	7.97	1.07152E-08
6	Christian County	0-4.5	10/11/2011	79.5	7.84	1.44544E-08
6	Christian County	0-4	10/11/2011	84.2	7.58	2.63027E-08
6	Christian County	4-7	10/11/2011	81.5	7.75	1.77828E-08
6	Christian County	4-7	10/11/2011	82.4	7.52	3.01995E-08
6	Christian County	0-4	10/11/2011	90	8.02	9.54993E-09
6	Christian County	4-7	10/11/2011	82.4	8.02	9.54993E-09
6	Christian County	0-4	10/11/2011	84.4	7.98	1.04713E-08
6	Christian County	4-7	10/11/2011	78.8	7.81	1.54882E-08
6	Christian County	0-4	10/11/2011	85.2	6.26	5.49541E-07
6	Christian County	0-4	10/11/2011	82.2	7.23	5.88844E-08
6	Christian County	0-3	10/11/2011	81.8	6.22	6.0256E-07
6	Christian County	0-3	10/11/2011	85.1	6.11	7.76247E-07
6	Christian County	0-3	10/11/2011	84.3	6.2	6.30957E-07
6	Christian County	0-3	10/11/2011	84.5	7.08	8.31764E-08
6	Christian County	0-3	10/11/2011	82.3	6.41	3.89045E-07
6	Christian County	0-3	10/11/2011	76.9	7.5	3.16228E-08
6	Christian County	0-3	10/11/2011	77.2	7.61	2.45471E-08
6	Christian County	0-3	10/11/2011	80.6	7.1	7.94328E-08
6	Christian County	0-3	10/11/2011	83.7	5.92	1.20226E-06
6	Christian County	0-3	10/11/2011	85.3	6.2	6.30957E-07
6	Christian County	0-4	10/12/2011	83.2	7.16	6.91831E-08
6	Christian County	0-4	10/12/2011	85.1	7.42	3.80189E-08
6	Christian County	0-4	10/12/2011	82.4	7.53	2.95121E-08
6	Christian County	0-4	10/12/2011	81.4	7.54	2.88403E-08
6	Christian County	0-4	10/12/2011	82.8	7.45	3.54813E-08
6	Christian County	0-4	10/12/2011	84.6	7.15	7.07946E-08
6	Christian County	0-4	10/12/2011	80.7	7.43	3.71535E-08
6	Christian County	0-4	10/12/2011	78.9	6.98	1.04713E-07
6	Christian County	0-4	10/12/2011	84	7.48	3.31131E-08
6	Christian County	0-4	10/12/2011	84	7.33	4.67735E-08
6	Christian County	0-4	10/12/2011	83.8	7.45	3.54813E-08
6	Christian County	0-4	10/12/2011	85.1	7.71	1.94984E-08
6	Christian County	0-4	10/12/2011	84	7.41	3.89045E-08
6	Christian County	0-4	10/12/2011	82.6	7.41	3.89045E-08
6	Christian County	0-4	10/12/2011	86.8	7.53	2.95121E-08
6	Christian County	0-4	10/12/2011	83.9	7.53	2.95121E-08
6	Christian County	0-4	10/12/2011	82.8	7.17	6.76083E-08

Soil pH
Clinton County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
10	6.18	8.34	0.7603	7.5430	1.24513E-07	6.905

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	Clinton County	0-3	1/6/2010	81.1	8.25	5.62341E-09
8	Clinton County	0-3	1/6/2010	80.7	8.34	4.57088E-09
8	Clinton County	0-3	1/6/2010	82	8.13	7.4131E-09
8	Clinton County	0-3	1/6/2010	81.1	8.19	6.45654E-09
8	Clinton County	0-3	1/6/2010	78.9	7.55	2.81838E-08
8	Clinton County	0-3	1/6/2010	81.6	7.34	4.57088E-08
8	Clinton County	0-3	10/13/2010	80	7.42	3.80189E-08
8	Clinton County	0-3	10/13/2010	80	7.66	2.18776E-08
8	Clinton County	0-3	10/13/2010	85	6.37	4.2658E-07
8	Clinton County	0-3	10/13/2010	82	6.18	6.60693E-07

Soil pH
County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
3853	4.63	12.4	0.6586	8.3233	2.35861E-08	7.627

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^(-pH)
1	Cook County	6-12	5/2/2011	85	7.68	2.0893E-08
1	Cook County	0-5	1/27/2012	79	8.43	3.71535E-09
1	Cook County	5-10	1/27/2012	85	8.33	4.67735E-09
1	Cook County	10-15	1/27/2012	87	8.26	5.49541E-09
1	Cook County	0-5	1/27/2012	77	8.55	2.81838E-09
1	Cook County	5-10	1/27/2012	81	8.04	9.12011E-09
1	Cook County	10-15	1/27/2012	86	8.03	9.33254E-09
1	Cook County	0-5	1/27/2012	74	8.72	1.90546E-09
1	Cook County	10-15	1/27/2012	81	8.02	9.54993E-09
1	Cook County	5-10	1/27/2012	82	7.92	1.20226E-08
1	Cook County	10-15	1/27/2012	88	7.94	1.14815E-08
1	Cook County	5-10	1/27/2012	82	8.11	7.76247E-09
1	Cook County	0-0.75	1/31/2012	83.8	9.39	4.0738E-10
1	Cook County	0 - 6	2/7/2012	90	8.08	8.31764E-09
1	Cook County	6 - 12	2/7/2012	94	8.65	2.23872E-09
1	Cook County	0-6	5/2/2011	91	7.87	1.34896E-08
1	Cook County	2-4	2/22/2010	87	7.41	3.89045E-08
1	Cook County	0-2	2/22/2010	89	8.08	8.31764E-09
1	Cook County	0-5	12/21/2010	85	8.07	8.51138E-09
1	Cook County	4-8	10/25/2011	85	7.82	1.51356E-08
1	Cook County	0-4	10/25/2011	82	8.74	1.8197E-09
1	Cook County	4-8	10/25/2011	83	8.23	5.88844E-09
1	Cook County	0-5	1/27/2012	91	8.82	1.51356E-09
1	Cook County	2-4	2/23/2010	89	7.12	7.58578E-08
1	Cook County	6-8	2/22/2010	87	9.05	8.91251E-10
1	Cook County	0-2	2/22/2010	85	7.88	1.31826E-08
1	Cook County	5-10	12/21/2010	85	7.5	3.16228E-08
1	Cook County	0-5	12/21/2010	88	8.34	4.57088E-09
1	Cook County	0-5	12/21/2010	88	8.34	4.57088E-09
1	Cook County	5-10	12/21/2010	82	7.75	1.77828E-08
1	Cook County	4-6	2/22/2010	94	7.73	1.86209E-08
1	Cook County	0-5	12/21/2010	88	8.16	6.91831E-09
1	Cook County	0-2	2/23/2010	76	7.35	4.46684E-08
1	Cook County	5-10	12/21/2010	85	7.86	1.38038E-08
1	Cook County	6-8	2/23/2010	88	8.03	9.33254E-09
1	Cook County	0-2	2/23/2010	80	7.57	2.69153E-08
1	Cook County	4-6	2/23/2010	84	7.73	1.86209E-08
1	Cook County	6-8	2/23/2010	94	7.88	1.31826E-08
1	Cook County	0-5	12/21/2010	87	8.2	6.30957E-09
1	Cook County	5-10	12/21/2010	87	7.75	1.77828E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	6-8	2/22/2010	87	8.15	7.07946E-09
1	Cook County	0-6	5/2/2011	79	7.38	4.16869E-08
1	Cook County	6-12	5/2/2011	85	7.73	1.86209E-08
1	Cook County	0-0.75	1/30/2012	83.1	8.46	3.46737E-09
1	Cook County	0-0.75	1/30/2012	81.8	8.08	8.31764E-09
1	Cook County	0-0.75	1/30/2012	78.7	8.8	1.58489E-09
1	Cook County	0-0.75	1/30/2012	82.9	7.95	1.12202E-08
1	Cook County	0-0.75	1/30/2012	82.3	8.66	2.18776E-09
1	Cook County	0-0.75	1/30/2012	84.4	8.69	2.04174E-09
1	Cook County	0-0.75	1/30/2012	82.8	7.97	1.07152E-08
1	Cook County	6-12	5/2/2011	86	7.71	1.94984E-08
1	Cook County	0-6	5/2/2011	83	7.86	1.38038E-08
1	Cook County	0-4	10/25/2011	85	8.38	4.16869E-09
1	Cook County	6-12	5/2/2011	83	8.33	4.67735E-09
1	Cook County	0-6	5/2/2011	78	8.25	5.62341E-09
1	Cook County	4-8	10/25/2011	83	7.82	1.51356E-08
1	Cook County	0-4	10/25/2011	87	8.37	4.2658E-09
1	Cook County	5-10	1/18/2010	82	8.23	5.88844E-09
1	Cook County	5-10	1/18/2010	82	8.39	4.0738E-09
1	Cook County	0-5	1/18/2010	77	7.41	3.89045E-08
1	Cook County	5-10	1/18/2010	82	8.54	2.88403E-09
1	Cook County	0-5	1/18/2010	81	8.29	5.12861E-09
1	Cook County	5-10	1/18/2010	83	8.28	5.24807E-09
1	Cook County	5-10	1/18/2010	84	8.2	6.30957E-09
1	Cook County	0-5	1/18/2010	80	7.57	2.69153E-08
1	Cook County	5-10	1/18/2010	84	8.01	9.77237E-09
1	Cook County	0-5	1/18/2010	81	7.88	1.31826E-08
1	Cook County	5-10	1/18/2010	83	7.6	2.51189E-08
1	Cook County	0-5	1/18/2010	79	7.24	5.7544E-08
1	Cook County	0-5	1/18/2010	79	7.83	1.47911E-08
1	Cook County	6 - 12	2/7/2012	88	7.86	1.38038E-08
1	Cook County	0 - 6	2/7/2012	92	8.82	1.51356E-09
1	Cook County	0 - 6	2/8/2012	84	6.89	1.28825E-07
1	Cook County	0 - 6	2/8/2012	84	7.48	3.31131E-08
1	Cook County	0-4	10/25/2011	91	8.18	6.60693E-09
1	Cook County	0-4	10/25/2011	84	8.47	3.38844E-09
1	Cook County	0-4	10/25/2011	82	8.14	7.24436E-09
1	Cook County	0-8	10/25/2011	83	8.17	6.76083E-09
1	Cook County	4-8	10/25/2011	83	7.99	1.02329E-08
1	Cook County	0-4	10/25/2011	87	8.77	1.69824E-09
1	Cook County	4-8	10/25/2011	82	7.6	2.51189E-08
1	Cook County	4-8	10/25/2011	85	7.42	3.80189E-08
1	Cook County	0-4	10/25/2011	89	7.5	3.16228E-08
1	Cook County	4-8	10/25/2011	83	7.91	1.23027E-08
1	Cook County	0-0.75	1/30/2012	83.3	8.83	1.47911E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
1	Cook County	0 - 6	2/7/2012	91	8.13	7.4131E-09
1	Cook County	6 - 12	2/7/2012	90	7.94	1.14815E-08
1	Cook County	0-4	1/23/2012	82	8.68	2.0893E-09
1	Cook County	0-4	1/23/2012	80	7.58	2.63027E-08
1	Cook County	4-7	1/23/2012	81	7.61	2.45471E-08
1	Cook County	4-7	1/23/2012	76	7.44	3.63078E-08
1	Cook County	0-4	1/23/2012	79	8.5	3.16228E-09
1	Cook County	4-7	1/23/2012	80	8.11	7.76247E-09
1	Cook County	0-4	1/23/2012	81	7.82	1.51356E-08
1	Cook County	4-7	1/23/2012	81	7.69	2.04174E-08
1	Cook County	0-4	1/23/2012	82	8.44	3.63078E-09
1	Cook County	4-7	1/23/2012	85	7.51	3.0903E-08
1	Cook County	0-4	1/23/2012	80	8.1	7.94328E-09
1	Cook County	0-5	1/27/2012	89	8.26	5.49541E-09
1	Cook County	0-5	1/27/2012	76	8.37	4.2658E-09
1	Cook County	10-15	1/27/2012	79	8.11	7.76247E-09
1	Cook County	5-10	1/27/2012	82	8.08	8.31764E-09
1	Cook County	15-20	12/29/2010	86	7.62	2.39883E-08
1	Cook County	0-5	12/29/2010	84	8.05	8.91251E-09
1	Cook County	10-15	12/29/2010	83	8.12	7.58578E-09
1	Cook County	20-25	12/29/2010	85	7.42	3.80189E-08
1	Cook County	0-5	12/29/2010	82	8.14	7.24436E-09
1	Cook County	0-5	12/29/2010	82	8.27	5.37032E-09
1	Cook County	5-10	12/29/2010	82	8.21	6.16595E-09
1	Cook County	5-10	12/29/2010	79	8.1	7.94328E-09
1	Cook County	0 - 2	12/12/2011	93	9.22	6.0256E-10
1	Cook County	0-4	10/25/2011	82	8.52	3.01995E-09
1	Cook County	0-6	5/2/2011	79	7.82	1.51356E-08
1	Cook County	4-8	10/25/2011	82	7.73	1.86209E-08
1	Cook County	6-12	5/2/2011	86	8	0.00000001
1	Cook County	0-4	10/25/2011	83	8.78	1.65959E-09
1	Cook County	10-15	12/29/2010	79	8.71	1.94984E-09
1	Cook County	0-4	10/25/2011	84	8.85	1.41254E-09
1	Cook County	4-8	10/25/2011	84	7.71	1.94984E-08
1	Cook County	0 - 2	12/12/2011	85	8.13	7.4131E-09
1	Cook County	0 - 2	12/12/2011	89	8.37	4.2658E-09
1	Cook County	0 - 2	12/12/2011	82	8.44	3.63078E-09
1	Cook County	0 - 2	12/12/2011	82	8.38	4.16869E-09
1	Cook County	6-12	5/2/2011	85	8.46	3.46737E-09
1	Cook County	0-6	5/2/2011	85	8.1	7.94328E-09
1	Cook County	0-6	5/2/2011	86	8.28	5.24807E-09
1	Cook County	0-6	11/9/2011	82	7.94	1.14815E-08
1	Cook County	0-4	12/22/2010	83	8	0.00000001
1	Cook County	0-4	12/22/2010	82	8.05	8.91251E-09
1	Cook County	0-4	12/22/2010	82	8.16	6.91831E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-0.75	1/31/2012	88.5	8.96	1.09648E-09
1	Cook County	0-0.75	1/31/2012	88.3	8.98	1.04713E-09
1	Cook County	0-0.75	1/31/2012	86.4	8.87	1.34896E-09
1	Cook County	4-8	11/9/2011	82	7.41	3.89045E-08
1	Cook County	15-20	12/29/2010	81	7.62	2.39883E-08
1	Cook County	0-5	1/26/2012	90	9.19	6.45654E-10
1	Cook County	8-10	11/9/2011	92	7.88	1.31826E-08
1	Cook County	10-15	1/26/2012	81	7.82	1.51356E-08
1	Cook County	5-10	1/26/2012	89	8.8	1.58489E-09
1	Cook County	0-4	11/9/2011	82	8.14	7.24436E-09
1	Cook County	0-4	12/22/2010	83	7.76	1.7378E-08
1	Cook County	0-4	12/22/2010	79	7.63	2.34423E-08
1	Cook County	0-4	12/22/2010	81	7.93	1.1749E-08
1	Cook County	0-4	12/22/2010	82	8.02	9.54993E-09
1	Cook County	0-4	12/22/2010	83	7.92	1.20226E-08
1	Cook County	4-7	1/23/2012	85	8.48	3.31131E-09
1	Cook County	0-4	1/23/2012	81	8.09	8.12831E-09
1	Cook County	15-20	12/29/2010	86	7.53	2.95121E-08
1	Cook County	20-25	12/29/2010	82	7.82	1.51356E-08
1	Cook County	0-4	12/23/2010	85	7.44	3.63078E-08
1	Cook County	0-4	12/23/2010	86	7.65	2.23872E-08
1	Cook County	0-4	12/23/2010	84	8.09	8.12831E-09
1	Cook County	0-4	12/22/2010	79	8.14	7.24436E-09
1	Cook County	0-4	12/22/2010	82	7.87	1.34896E-08
1	Cook County	0-4	12/22/2010	82	8.28	5.24807E-09
1	Cook County	10-15	12/29/2010	80	7.73	1.86209E-08
1	Cook County	5-10	12/29/2010	81	8.08	8.31764E-09
1	Cook County	0-5	12/29/2010	84	7.7	1.99526E-08
1	Cook County	20-25	12/29/2010	83	7.56	2.75423E-08
1	Cook County	0-4	12/23/2010	86	7.76	1.7378E-08
1	Cook County	0-4	10/11/2010	86	7.64	2.29087E-08
1	Cook County	5-10	1/26/2012	88	8.52	3.01995E-09
1	Cook County	0-4	10/11/2010	87	8.02	9.54993E-09
1	Cook County	4-8	10/11/2010	84	7.47	3.38844E-08
1	Cook County	0-4	10/11/2010	86	7.86	1.38038E-08
1	Cook County	4-8	10/11/2010	85	8.12	7.58578E-09
1	Cook County	0-5	1/26/2012	85	8.26	5.49541E-09
1	Cook County	0-5	12/28/2010	94	7.92	1.20226E-08
1	Cook County	5-10	12/28/2010	94	8.23	5.88844E-09
1	Cook County	6 - 12	2/7/2012	90	8.85	1.41254E-09
1	Cook County	0 - 6	2/7/2012	89	9.5	3.16228E-10
1	Cook County	0-0.75	1/31/2012	89.6	8.47	3.38844E-09
1	Cook County	4-8	10/11/2010	87	7.94	1.14815E-08
1	Cook County	0-4	10/11/2010	85	7.73	1.86209E-08
1	Cook County	0-4	10/11/2010	81	7.47	3.38844E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4	10/11/2010	75	7.46	3.46737E-08
1	Cook County	0-4	10/11/2010	81	7.9	1.25893E-08
1	Cook County	0-4	10/11/2010	77	7.26	5.49541E-08
1	Cook County	0-4	10/11/2010	79	7.64	2.29087E-08
1	Cook County	0-4	10/11/2010	77	7.31	4.89779E-08
1	Cook County	0-4	10/11/2010	84	8.49	3.23594E-09
1	Cook County	0-5	1/27/2012	85	8.43	3.71535E-09
1	Cook County	5-10	1/27/2012	85	8.03	9.33254E-09
1	Cook County	10-15	1/27/2012	81	7.99	1.02329E-08
1	Cook County	0-5	1/26/2012	87	8.37	4.2658E-09
1	Cook County	10-15	1/26/2012	81	8.05	8.91251E-09
1	Cook County	10-15	12/28/2010	82	8.02	9.54993E-09
1	Cook County	4-7	11/9/2011	92	7.69	2.04174E-08
1	Cook County	0-8	10/25/2011	83	7.88	1.31826E-08
1	Cook County	0-5.5	11/9/2011	82	7.87	1.34896E-08
1	Cook County	5.5-11	11/9/2011	85	7.69	2.04174E-08
1	Cook County	11-16.5	11/9/2011	84	7.89	1.28825E-08
1	Cook County	0-7	11/9/2011	84	7.86	1.38038E-08
1	Cook County	0-4	11/9/2011	82	7.82	1.51356E-08
1	Cook County	4-8	10/11/2010	81	7.4	3.98107E-08
1	Cook County	0-4	11/9/2011	83	7.77	1.69824E-08
1	Cook County	0-4	11/9/2011	88	7.73	1.86209E-08
1	Cook County	0-4	10/11/2010	87	7.47	3.38844E-08
1	Cook County	0-5	11/9/2011	84	8.11	7.76247E-09
1	Cook County	5-10	11/9/2011	81	7.62	2.39883E-08
1	Cook County	0-5	11/9/2011	84	7.99	1.02329E-08
1	Cook County	5-10	11/9/2011	82	7.85	1.41254E-08
1	Cook County	0-5.5	11/9/2011	86	7.86	1.38038E-08
1	Cook County	4-8	10/11/2010	88	7.49	3.23594E-08
1	Cook County	0-4	10/11/2010	81	7.05	8.91251E-08
1	Cook County	4-8	10/11/2010	80	7.08	8.31764E-08
1	Cook County	0-4	10/11/2010	81	7.39	4.0738E-08
1	Cook County	4-7	11/9/2011	86	7.68	2.0893E-08
1	Cook County	4-8	10/25/2011	83	7.79	1.62181E-08
1	Cook County	0-4	10/25/2011	84	8.35	4.46684E-09
1	Cook County	0-4	10/25/2011	81	8.27	5.37032E-09
1	Cook County	4-8	10/11/2010	85	8.17	6.76083E-09
1	Cook County	0-4	10/11/2010	85	8.3	5.01187E-09
1	Cook County	0-4	10/11/2010	85	8.13	7.4131E-09
1	Cook County	0-4	10/11/2010	84	8.05	8.91251E-09
1	Cook County	4-7	11/9/2011	82	7.66	2.18776E-08
1	Cook County	0-4	10/11/2010	86	8.4	3.98107E-09
1	Cook County	4-8	10/11/2010	84	8.1	7.94328E-09
1	Cook County	8-12	10/11/2010	85	8	0.0000001
1	Cook County	0-4	10/11/2010	85	8.39	4.0738E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4	10/11/2010	87	8.13	7.4131E-09
1	Cook County	8-12	10/11/2010	83	8.06	8.70964E-09
1	Cook County	0-4	10/11/2010	84	7.54	2.88403E-08
1	Cook County	4-8	10/11/2010	84	8.15	7.07946E-09
1	Cook County	4-8	10/25/2011	81	8.02	9.54993E-09
1	Cook County	0-4	10/25/2011	79	8.55	2.81838E-09
1	Cook County	0-4	10/11/2010	81	7.78	1.65959E-08
1	Cook County	4-8	10/11/2010	85	8.26	5.49541E-09
1	Cook County	0-4	10/11/2010	85	8.04	9.12011E-09
1	Cook County	0-4	10/11/2010	87	7.81	1.54882E-08
1	Cook County	0-4	10/11/2010	87	8.04	9.12011E-09
1	Cook County	0-4	10/11/2010	85	7.65	2.23872E-08
1	Cook County	0-5	1/19/2010	79	8.12	7.58578E-09
1	Cook County	6 - 12	2/8/2012	89	9.17	6.76083E-10
1	Cook County	6 - 12	2/7/2012	91	9.64	2.29087E-10
1	Cook County	0 - 6	2/7/2012	93	9.61	2.45471E-10
1	Cook County	0-5.5	10/25/2011	83	7.91	1.23027E-08
1	Cook County	5.5-11	10/25/2011	85	7.68	2.0893E-08
1	Cook County	11-16.5	10/25/2011	84	7.88	1.31826E-08
1	Cook County	0 - 6	2/8/2012	87	8.9	1.25893E-09
1	Cook County	0-5	1/18/2010	80	8.27	5.37032E-09
1	Cook County	5-10	1/19/2010	83	7.84	1.44544E-08
1	Cook County	16.5-23	10/25/2011	83	7.88	1.31826E-08
1	Cook County	0-8	10/25/2011	82	8.16	6.91831E-09
1	Cook County	0-4	10/25/2011	82	8.5	3.16228E-09
1	Cook County	0-4	10/25/2011	82	8.58	2.63027E-09
1	Cook County	4-8	10/25/2011	82	7.87	1.34896E-08
1	Cook County	0-5	1/19/2010	81	8.05	8.91251E-09
1	Cook County	7-9	1/19/2010	86	8.09	8.12831E-09
1	Cook County	7-9	1/19/2010	86	7.96	1.09648E-08
1	Cook County	0-5	1/19/2010	79	7.79	1.62181E-08
1	Cook County	5-10	1/18/2010	83	8.19	6.45654E-09
1	Cook County	6-9	1/19/2010	81	8.1	7.94328E-09
1	Cook County	4-8.5	11/9/2011	86	8.27	5.37032E-09
1	Cook County	0-4	11/9/2011	82	8.76	1.7378E-09
1	Cook County	0-0.75	1/30/2012	82	9.14	7.24436E-10
1	Cook County	0-4	11/9/2011	86	7.75	1.77828E-08
1	Cook County	0-8.5	11/9/2011	83	7.8	1.58489E-08
1	Cook County	4-8.5	11/9/2011	90	7.83	1.47911E-08
1	Cook County	0-4	11/9/2011	88	8.93	1.1749E-09
1	Cook County	0-4	11/9/2011	89	8.7	1.99526E-09
1	Cook County	4-8.5	11/9/2011	85	8.38	4.16869E-09
1	Cook County	4-8.5	11/9/2011	88	7.92	1.20226E-08
1	Cook County	0-4	6/17/2010	83	7.91	1.23027E-08
1	Cook County	4-8	6/17/2010	85	7.76	1.7378E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4	6/17/2010	83	7.84	1.44544E-08
1	Cook County	4-8	6/17/2010	86	8.18	6.60693E-09
1	Cook County	0-4	6/17/2010	78	8.28	5.24807E-09
1	Cook County	4-8	6/17/2010	82	8.18	6.60693E-09
1	Cook County	4-8	6/17/2010	80	7.99	1.02329E-08
1	Cook County	0-4	11/9/2011	83	8.58	2.63027E-09
1	Cook County	10-15	1/26/2012	85	7.84	1.44544E-08
1	Cook County	5-10	1/26/2012	85	6.97	1.07152E-07
1	Cook County	0-5	1/26/2012	84	8.12	7.58578E-09
1	Cook County	0-5	12/23/2010	84	7.62	2.39883E-08
1	Cook County	0-5	12/23/2010	81	7.57	2.69153E-08
1	Cook County	5-10	12/29/2010	78	7.87	1.34896E-08
1	Cook County	5-10	12/23/2010	71	7.57	2.69153E-08
1	Cook County	16.5-23	10/25/2011	86	7.89	1.28825E-08
1	Cook County	0-5	12/29/2010	86	7.55	2.81838E-08
1	Cook County	0-5	12/28/2010	91	7.55	2.81838E-08
1	Cook County	5-10	12/28/2010	80	7.46	3.46737E-08
1	Cook County	5-10	12/29/2010	82	7.62	2.39883E-08
1	Cook County	0-5	12/23/2010	84	8.02	9.54993E-09
1	Cook County	5-10	12/23/2010	84	8.05	8.91251E-09
1	Cook County	0-5	12/29/2010	84	8.23	5.88844E-09
1	Cook County	0-4	1/23/2012	82	8.12	7.58578E-09
1	Cook County	6 - 12	2/7/2012	92	9.02	9.54993E-10
1	Cook County	0 - 6	2/7/2012	86	8.87	1.34896E-09
1	Cook County	0-4	1/23/2012	83	8.11	7.76247E-09
1	Cook County	4-7	1/23/2012	84	8.34	4.57088E-09
1	Cook County	4-7	1/23/2012	82	8.19	6.45654E-09
1	Cook County	0-4	1/23/2012	83	8.24	5.7544E-09
1	Cook County	0-4	1/23/2012	85	8.15	7.07946E-09
1	Cook County	4-7	1/23/2012	82	8.35	4.46684E-09
1	Cook County	0-4	1/23/2012	81	8.2	6.30957E-09
1	Cook County	0 - 6	2/7/2012	90	8.79	1.62181E-09
1	Cook County	11-16.5	10/25/2011	83	7.57	2.69153E-08
1	Cook County	0-5.5	10/25/2011	84	9.26	5.49541E-10
1	Cook County	0-0.75	1/30/2012	89.3	9.43	3.71535E-10
1	Cook County	0-2	11/9/2011	83	8.02	9.54993E-09
1	Cook County	0-2	11/11/2011	84	8.16	6.91831E-09
1	Cook County	0-2	11/11/2011	84	8.5	3.16228E-09
1	Cook County	0-2	11/11/2011	82	8.09	8.12831E-09
1	Cook County	0-2	11/11/2011	81	8.82	1.51356E-09
1	Cook County	0-2	11/11/2011	83	8.2	6.30957E-09
1	Cook County	4-7	1/23/2012	81	8.2	6.30957E-09
1	Cook County	0-2	11/9/2011	70	7.74	1.8197E-08
1	Cook County	0-2	11/11/2011	84	8.45	3.54813E-09
1	Cook County	0 - 5.5	11/11/2011	82	8.68	2.0893E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0 - 5.5	11/11/2011	85	8.59	2.5704E-09
1	Cook County	0-5.5	11/11/2011	85	7.83	1.47911E-08
1	Cook County	0 - 5.5	11/11/2011	81	7.69	2.04174E-08
1	Cook County	5.5-11	10/25/2011	83	7.83	1.47911E-08
1	Cook County	0-2	11/9/2011	75	8.44	3.63078E-09
1	Cook County	0-2	11/11/2011	82	8.4	3.98107E-09
1	Cook County	0-2	11/11/2011	84	8.49	3.23594E-09
1	Cook County	10-15	1/26/2012	84	8	0.00000001
1	Cook County	5-10	1/26/2012	88	7.69	2.04174E-08
1	Cook County	0-5	1/26/2012	89	7.82	1.51356E-08
1	Cook County	4-8	10/25/2011	86	7.94	1.14815E-08
1	Cook County	4-8	6/17/2010	86	7.78	1.65959E-08
1	Cook County	0-4	6/17/2010	86	8.29	5.12861E-09
1	Cook County	4-8	6/17/2010	86	8.33	4.67735E-09
1	Cook County	0-4	6/17/2010	80	8	0.00000001
1	Cook County	4-8	6/17/2010	86	8.27	5.37032E-09
1	Cook County	0-4	10/7/2010	88	8.42	3.80189E-09
1	Cook County	0-2	11/9/2011	82	7.75	1.77828E-08
1	Cook County	0-2	11/9/2011	82	7.83	1.47911E-08
1	Cook County	0-4	10/7/2010	85	7.98	1.04713E-08
1	Cook County	0-5	12/22/2010	78	9.66	2.18776E-10
1	Cook County	5-10	12/22/2010	79	7.7	1.99526E-08
1	Cook County	10-15	12/22/2010	81	7.74	1.8197E-08
1	Cook County	0-5	12/23/2010	82	8.21	6.16595E-09
1	Cook County	5-10	12/23/2010	79	7.85	1.41254E-08
1	Cook County	0-0.75	1/30/2012	83.2	8.28	5.24807E-09
1	Cook County	10-15	12/22/2010	84	7.67	2.13796E-08
1	Cook County	5-10	12/22/2010	78	7.55	2.81838E-08
1	Cook County	0-5	12/22/2010	83	8.18	6.60693E-09
1	Cook County	5-10	12/22/2010	80	7.57	2.69153E-08
1	Cook County	10-15	12/23/2010	78	7.9	1.25893E-08
1	Cook County	10-15	12/22/2010	82	7.57	2.69153E-08
1	Cook County	0-4	1/23/2012	86	8.22	6.0256E-09
1	Cook County	4-6	1/23/2012	85	8.12	7.58578E-09
1	Cook County	0-5	12/23/2010	85	7.8	1.58489E-08
1	Cook County	10-15	12/22/2010	81	7.87	1.34896E-08
1	Cook County	5-10	12/22/2010	79	7.91	1.23027E-08
1	Cook County	0-5	12/22/2010	82	7.39	4.0738E-08
1	Cook County	10-15	12/23/2010	82	7.86	1.38038E-08
1	Cook County	5-10	12/23/2010	80	7.97	1.07152E-08
1	Cook County	0-5	12/22/2010	82	7.95	1.12202E-08
1	Cook County	8-13	2/6/2012	84	7.34	4.57088E-08
1	Cook County	0-5	1/26/2012	90	8.28	5.24807E-09
1	Cook County	0-5	1/26/2012	92	8.08	8.31764E-09
1	Cook County	5-10	1/26/2012	91	7.43	3.71535E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	10-15	1/26/2012	85	7.74	1.8197E-08
1	Cook County	0-5	12/22/2010	86	7.78	1.65959E-08
1	Cook County	0-4	10/7/2010	82	7.45	3.54813E-08
1	Cook County	0-5	12/22/2010	82	10.1	7.94328E-11
1	Cook County	0-4	10/7/2010	95	8.61	2.45471E-09
1	Cook County	0-5	6/17/2010	87	8.38	4.16869E-09
1	Cook County	4-8	6/17/2010	82	8.05	8.91251E-09
1	Cook County	0-4	10/25/2011	86	7.63	2.34423E-08
1	Cook County	4-8	6/17/2010	87	8.19	6.45654E-09
1	Cook County	0-4	10/8/2010	82	7.85	1.41254E-08
1	Cook County	5-9.5	6/17/2010	84	8.4	3.98107E-09
1	Cook County	4-8	6/17/2010	82	8.15	7.07946E-09
1	Cook County	4-8	10/25/2011	82	7.66	2.18776E-08
1	Cook County	0-4	10/25/2011	84	8.85	1.41254E-09
1	Cook County	0-4	10/25/2011	86	8.64	2.29087E-09
1	Cook County	0-4	6/17/2010	85	8.07	8.51138E-09
1	Cook County	0-4	6/17/2010	86	8.22	6.0256E-09
1	Cook County	0-4	10/7/2010	84	7.7	1.99526E-08
1	Cook County	0-4	10/7/2010	82	7.63	2.34423E-08
1	Cook County	0-4	10/7/2010	85	7.84	1.44544E-08
1	Cook County	0-4	10/7/2010	82	7.79	1.62181E-08
1	Cook County	0-4	10/7/2010	86	7.89	1.28825E-08
1	Cook County	0-4	10/7/2010	82	8.02	9.54993E-09
1	Cook County	4-8	10/7/2010	86	7.83	1.47911E-08
1	Cook County	0-5	12/23/2010	84	7.35	4.46684E-08
1	Cook County	0-4	10/8/2010	82	7.95	1.12202E-08
1	Cook County	4-8	10/8/2010	84	8.11	7.76247E-09
1	Cook County	0-4	10/8/2010	82	8.15	7.07946E-09
1	Cook County	4-8	10/8/2010	84	7.91	1.23027E-08
1	Cook County	5.5-11	10/24/2011	89	8.58	2.63027E-09
1	Cook County	11-16.5	10/24/2011	83	7.49	3.23594E-08
1	Cook County	16.5-23	10/24/2011	83	8.04	9.12011E-09
1	Cook County	11-16.5	10/24/2011	82	7.92	1.20226E-08
1	Cook County	5.5-11	10/24/2011	90	8.26	5.49541E-09
1	Cook County	0-5.5	10/24/2011	87	8.54	2.88403E-09
1	Cook County	0-4	10/8/2010	83	7.96	1.09648E-08
1	Cook County	0-4	10/8/2010	80	8.29	5.12861E-09
1	Cook County	0-4	10/8/2010	78	7.37	4.2658E-08
1	Cook County	0-8	10/8/2010	77	7.3	5.01187E-08
1	Cook County	0-5.5	10/24/2011	86	8.6	2.51189E-09
1	Cook County	16.5-23	10/24/2011	80	7.93	1.1749E-08
1	Cook County	0-5.5	10/24/2011	91	8.38	4.16869E-09
1	Cook County	4-8	10/8/2010	80	8.13	7.4131E-09
1	Cook County	0-4	10/8/2010	81	8.04	9.12011E-09
1	Cook County	4-8	10/8/2010	84	8	0.00000001

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4	10/8/2010	84	8.18	6.60693E-09
1	Cook County	0-4	10/8/2010	80	8.04	9.12011E-09
1	Cook County	4-8	10/7/2010	85	7.6	2.51189E-08
1	Cook County	0-4	10/7/2010	86	7.08	8.31764E-08
1	Cook County	4-8	10/7/2010	79	7.5	3.16228E-08
1	Cook County	0-4	10/7/2010	83	7	0.0000001
1	Cook County	0-5	12/23/2010	83	7.48	3.31131E-08
1	Cook County	0-5.5	10/24/2011	92	8.4	3.98107E-09
1	Cook County	0-5.5	10/24/2011	84	8.82	1.51356E-09
1	Cook County	11-16.5	10/21/2011	83	8.07	8.51138E-09
1	Cook County	11-16.5	10/21/2011	85	7.98	1.04713E-08
1	Cook County	5.5-11	10/21/2011	82	7.77	1.69824E-08
1	Cook County	16.5-23	10/21/2011	82	7.96	1.09648E-08
1	Cook County	16.5-23	10/21/2011	81	8.13	7.4131E-09
1	Cook County	5-10	12/23/2010	82	7.31	4.89779E-08
1	Cook County	5.5-11	10/21/2011	84	7.9	1.25893E-08
1	Cook County	0-5.5	10/21/2011	83	8.42	3.80189E-09
1	Cook County	0-5.5	10/21/2011	86	8.43	3.71535E-09
1	Cook County	16.5-23	10/21/2011	84	8.17	6.76083E-09
1	Cook County	11-16.5	10/21/2011	84	7.67	2.13796E-08
1	Cook County	5.5-11	10/21/2011	84	7.86	1.38038E-08
1	Cook County	0-5.5	10/21/2011	81	8.58	2.63027E-09
1	Cook County	16.5-23	10/21/2011	82	8.13	7.4131E-09
1	Cook County	11-16.5	10/21/2011	84	7.69	2.04174E-08
1	Cook County	5.5-11	10/21/2011	82	7.97	1.07152E-08
1	Cook County	16.5-23	10/24/2011	84	7.8	1.58489E-08
1	Cook County	0-5.5	10/21/2011	88	8.24	5.7544E-09
1	Cook County	0-5.5	10/21/2011	89	8.41	3.89045E-09
1	Cook County	0-4	10/7/2010	85	7.31	4.89779E-08
1	Cook County	4-8	10/7/2010	85	7.6	2.51189E-08
1	Cook County	0-4	10/7/2010	86	7.67	2.13796E-08
1	Cook County	16.5-23	10/21/2011	81	7.99	1.02329E-08
1	Cook County	11-16.5	10/21/2011	84	7.91	1.23027E-08
1	Cook County	0-5.5	10/21/2011	90	8.51	3.0903E-09
1	Cook County	4-8	10/7/2010	83	7.8	1.58489E-08
1	Cook County	16.5-23	10/21/2011	82	8.09	8.12831E-09
1	Cook County	0-4	10/7/2010	84	7.05	8.91251E-08
1	Cook County	4-8	10/7/2010	82	7.73	1.86209E-08
1	Cook County	0-4	10/7/2010	84	6.89	1.28825E-07
1	Cook County	0-2	11/9/2011	78	7.85	1.41254E-08
1	Cook County	5.5-11	10/21/2011	81	7.85	1.41254E-08
1	Cook County	11-16.5	10/24/2011	81	7.87	1.34896E-08
1	Cook County	0-4	10/8/2010	78	7.63	2.34423E-08
1	Cook County	0-4	10/8/2010	79	7.54	2.88403E-08
1	Cook County	16.5-23	10/21/2011	82	8.06	8.70964E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	11-16.5	10/21/2011	81	7.74	1.8197E-08
1	Cook County	5.5-11	10/21/2011	82	7.81	1.54882E-08
1	Cook County	0-5.5	10/21/2011	89	8.8	1.58489E-09
1	Cook County	0-5.5	10/21/2011	86	8.54	2.88403E-09
1	Cook County	16.5-23	10/24/2011	82	7.99	1.02329E-08
1	Cook County	11-16.5	10/24/2011	82	7.8	1.58489E-08
1	Cook County	5.5-11	10/24/2011	83	8.54	2.88403E-09
1	Cook County	0-5.5	10/21/2011	85	8.59	2.5704E-09
1	Cook County	16.5-23	10/24/2011	81	8.07	8.51138E-09
1	Cook County	0-5	10/26/2011	82	8.17	6.76083E-09
1	Cook County	5.5-11	10/24/2011	83	7.99	1.02329E-08
1	Cook County	0-5	12/23/2010	83	7.52	3.01995E-08
1	Cook County	5-10	12/23/2010	82	7.62	2.39883E-08
1	Cook County	0-5	12/23/2010	89	7.47	3.38844E-08
1	Cook County	0-0.75	1/30/2012	83.7	9.11	7.76247E-10
1	Cook County	0-4	10/8/2010	79	7.39	4.0738E-08
1	Cook County	5-10	12/23/2010	80	7.15	7.07946E-08
1	Cook County	0-5.5	10/24/2011	85	8.79	1.62181E-09
1	Cook County	11-16.5	10/24/2011	81	7.81	1.54882E-08
1	Cook County	0-5.5	10/24/2011	87	8.29	5.12861E-09
1	Cook County	0-2	11/10/2011	85	8.73	1.86209E-09
1	Cook County	0-2	11/10/2011	79	8.47	3.38844E-09
1	Cook County	0-2	11/10/2011	81	8.51	3.0903E-09
1	Cook County	11-16.5	10/21/2011	82	7.75	1.77828E-08
1	Cook County	5.5-11	10/21/2011	85	7.73	1.86209E-08
1	Cook County	0-5.5	10/21/2011	84	8.45	3.54813E-09
1	Cook County	0-4	10/8/2010	80	7.3	5.01187E-08
1	Cook County	0-4	10/8/2010	75	7.19	6.45654E-08
1	Cook County	0-5.5	10/21/2011	81	8.18	6.60693E-09
1	Cook County	16.5-23	10/21/2011	82	7.88	1.31826E-08
1	Cook County	11-16.5	10/21/2011	81	7.78	1.65959E-08
1	Cook County	5.5-11	10/21/2011	82	7.77	1.69824E-08
1	Cook County	0-5.5	10/21/2011	84	7.99	1.02329E-08
1	Cook County	0-5	1/26/2012	92	7.98	1.04713E-08
1	Cook County	5-10	1/26/2012	90	7.9	1.25893E-08
1	Cook County	10-15	1/26/2012	84	7.96	1.09648E-08
1	Cook County	5.5-11	10/24/2011	84	8.19	6.45654E-09
1	Cook County	16.5-23	10/24/2011	83	8.15	7.07946E-09
1	Cook County	5.5-11	10/24/2011	85	7.71	1.94984E-08
1	Cook County	0-5.5	10/24/2011	86	8.79	1.62181E-09
1	Cook County	0-5.5	10/24/2011	81	8.79	1.62181E-09
1	Cook County	5.5-11	10/24/2011	82	7.81	1.54882E-08
1	Cook County	5.5-11	10/24/2011	87	8.83	1.47911E-09
1	Cook County	0-5.5	10/24/2011	83	8.06	8.70964E-09
1	Cook County	0-5.5	10/24/2011	85	9.45	3.54813E-10

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-5	2/6/2012	92	7.31	4.89779E-08
1	Cook County	11-16.5	10/24/2011	86	7.82	1.51356E-08
1	Cook County	0-5.5	10/24/2011	85	8.33	4.67735E-09
1	Cook County	5.5-11	10/24/2011	82	7.73	1.86209E-08
1	Cook County	5.5-11	10/24/2011	84	7.94	1.14815E-08
1	Cook County	0-5.5	10/24/2011	84	8.02	9.54993E-09
1	Cook County	5.5-11	10/24/2011	82	7.75	1.77828E-08
1	Cook County	5.5-11	10/24/2011	84	8.13	7.4131E-09
1	Cook County	0 - 3	12/12/2011	85	7.79	1.62181E-08
1	Cook County	5.5-11	10/24/2011	88	8.57	2.69153E-09
1	Cook County	0-5.5	10/24/2011	85	8.44	3.63078E-09
1	Cook County	5.5-11	10/24/2011	86	8.38	4.16869E-09
1	Cook County	5.5-11	10/24/2011	83	7.72	1.90546E-08
1	Cook County	0-5.5	10/24/2011	83	8.19	6.45654E-09
1	Cook County	0-5.5	10/24/2011	84	8.44	3.63078E-09
1	Cook County	5.5-11	10/24/2011	81	7.98	1.04713E-08
1	Cook County	0-5.5	10/24/2011	85	8.8	1.58489E-09
1	Cook County	5.5-11	10/24/2011	84	7.79	1.62181E-08
1	Cook County	0-5.5	10/24/2011	84	8.78	1.65959E-09
1	Cook County	5.5-11	10/24/2011	83	7.89	1.28825E-08
1	Cook County	5-10	2/6/2012	86	7.86	1.38038E-08
1	Cook County	0-5.5	10/24/2011	94	9.26	5.49541E-10
1	Cook County	10-15	2/6/2012	85	7.94	1.14815E-08
1	Cook County	0-0.75	1/30/2012	88	8.93	1.1749E-09
1	Cook County	0-4	1/23/2012	83	8.24	5.7544E-09
1	Cook County	4-7	1/23/2012	81	8.28	5.24807E-09
1	Cook County	0-4	1/23/2012	82	8.09	8.12831E-09
1	Cook County	0-4	1/23/2012	83	8.2	6.30957E-09
1	Cook County	0-5.5	10/24/2011	88	11	1E-11
1	Cook County	4-7	1/23/2012	78	8.05	8.91251E-09
1	Cook County	0-5.5	10/24/2011	81	8.25	5.62341E-09
1	Cook County	0 - 3	12/12/2011	86	8.26	5.49541E-09
1	Cook County	0 - 3	12/12/2011	86	8.01	9.77237E-09
1	Cook County	0 - 3	12/12/2011	86	8.12	7.58578E-09
1	Cook County	0 - 3	12/12/2011	84	8.12	7.58578E-09
1	Cook County	0 - 3	12/12/2011	87	7.84	1.44544E-08
1	Cook County	0 - 3	12/12/2011	86	7.67	2.13796E-08
1	Cook County	4-8	6/17/2010	82	8.12	7.58578E-09
1	Cook County	2-4	6/17/2010	81	8.17	6.76083E-09
1	Cook County	0-2	11/10/2011	77	8.61	2.45471E-09
1	Cook County	0-2	11/10/2011	72	8.05	8.91251E-09
1	Cook County	0-2	11/10/2011	80	8.33	4.67735E-09
1	Cook County	0-2	11/10/2011	82	7.9	1.25893E-08
1	Cook County	0-2	11/10/2011	84	8.66	2.18776E-09
1	Cook County	0-2	11/10/2011	73	7.96	1.09648E-08

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-0.75	1/30/2012	86.1	8.57	2.69153E-09
1	Cook County	10-15	2/6/2012	84	8.46	3.46737E-09
1	Cook County	5-10	2/6/2012	86	7.65	2.23872E-08
1	Cook County	0-5	2/6/2012	92	7.68	2.0893E-08
1	Cook County	10-15	2/6/2012	84	8.13	7.4131E-09
1	Cook County	5-10	2/6/2012	88	7.77	1.69824E-08
1	Cook County	0-5	2/6/2012	91	7.88	1.31826E-08
1	Cook County	0-5	2/6/2012	92	8.04	9.12011E-09
1	Cook County	0-2	11/10/2011	91	9.39	4.0738E-10
1	Cook County	0-2	11/10/2011	91	9.64	2.29087E-10
1	Cook County	0 - 2	12/12/2011	87	8.29	5.12861E-09
1	Cook County	0-0.75	1/31/2012	83.7	8.63	2.34423E-09
1	Cook County	0-5	2/6/2012	91	7.94	1.14815E-08
1	Cook County	5-10	2/6/2012	85	8.14	7.24436E-09
1	Cook County	10-15	2/6/2012	81	8.32	4.7863E-09
1	Cook County	0-2	11/10/2011	82	8.16	6.91831E-09
1	Cook County	0-2	11/10/2011	83	8.02	9.54993E-09
1	Cook County	0 - 2	12/12/2011	84	8.12	7.58578E-09
1	Cook County	0-4	6/21/2010	81	8.22	6.0256E-09
1	Cook County	4-8	6/21/2010	84	8.28	5.24807E-09
1	Cook County	0-4	6/21/2010	86	7.96	1.09648E-08
1	Cook County	0-4	6/21/2010	84	7.68	2.0893E-08
1	Cook County	0 - 2	12/12/2011	87	8.4	3.98107E-09
1	Cook County	4-8	6/21/2010	86	7.74	1.8197E-08
1	Cook County	4-8	6/21/2010	79	6.83	1.47911E-07
1	Cook County	4-8	6/21/2010	85	7.63	2.34423E-08
1	Cook County	0-5	2/1/2012	89	8.13	7.4131E-09
1	Cook County	0-5	2/1/2012	87	7.79	1.62181E-08
1	Cook County	5-10	2/1/2012	89	7.54	2.88403E-08
1	Cook County	10-15	2/1/2012	85	7.86	1.38038E-08
1	Cook County	0 - 1	12/12/2011	83	8.24	5.7544E-09
1	Cook County	0 - 1	12/12/2011	78	8.7	1.99526E-09
1	Cook County	0 - 1	12/12/2011	71	8.3	5.01187E-09
1	Cook County	0 - 1	12/12/2011	76	8.72	1.90546E-09
1	Cook County	0-2	11/10/2011	81	7.89	1.28825E-08
1	Cook County	0-2	11/10/2011	81	8.05	8.91251E-09
1	Cook County	0 - 1	12/12/2011	85	8.97	1.07152E-09
1	Cook County	0 - 1	12/12/2011	85	8.15	7.07946E-09
1	Cook County	4-8	6/22/2010	85	7.81	1.54882E-08
1	Cook County	4-8	6/21/2010	85	7.72	1.90546E-08
1	Cook County	0-4	6/22/2010	85	8.31	4.89779E-09
1	Cook County	4-8	6/22/2010	84	7.58	2.63027E-08
1	Cook County	0-4	6/22/2010	85	7.82	1.51356E-08
1	Cook County	0-4	6/21/2010	85	8.57	2.69153E-09
1	Cook County	4-8	6/21/2010	85	7.91	1.23027E-08

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4	11/10/2011	81	8.61	2.45471E-09
1	Cook County	0-8.5	11/10/2011	83	8.77	1.69824E-09
1	Cook County	4-8.5	11/10/2011	82	8.06	8.70964E-09
1	Cook County	0-4	11/10/2011	84	7.95	1.12202E-08
1	Cook County	4-8.5	11/10/2011	77	8.13	7.4131E-09
1	Cook County	0-4	11/10/2011	78	7.83	1.47911E-08
1	Cook County	4-8.5	11/10/2011	85	7.87	1.34896E-08
1	Cook County	10-15	2/1/2012	84	7.85	1.41254E-08
1	Cook County	5-10	2/1/2012	93	8.02	9.54993E-09
1	Cook County	0-5	2/1/2012	90	7.67	2.13796E-08
1	Cook County	0-4	11/10/2011	90	9.37	4.2658E-10
1	Cook County	0-2	8/26/2011	81	8.61	2.45471E-09
1	Cook County	4-8.5	11/10/2011	82	7.86	1.38038E-08
1	Cook County	0-5	8/26/2011	84	8.35	4.46684E-09
1	Cook County	5-10	1/21/2010	87	8.56	2.75423E-09
1	Cook County	5-10	1/21/2010	85	8.5	3.16228E-09
1	Cook County	0-5	1/21/2010	82	8.55	2.81838E-09
1	Cook County	5-10	1/21/2010	85	8.32	4.7863E-09
1	Cook County	0-5	1/21/2010	77	7.76	1.7378E-08
1	Cook County	4-8	11/10/2011	84	7.78	1.65959E-08
1	Cook County	4-8	11/11/2011	83	8.12	7.58578E-09
1	Cook County	0-4	11/11/2011	84	8.2	6.30957E-09
1	Cook County	4-8	11/11/2011	89	8.04	9.12011E-09
1	Cook County	0-4	11/11/2011	82	8.28	5.24807E-09
1	Cook County	4-8	11/11/2011	85	7.97	1.07152E-08
1	Cook County	0-4	11/11/2011	83	8.18	6.60693E-09
1	Cook County	4-8	11/10/2011	84	7.9	1.25893E-08
1	Cook County	0-4	11/10/2011	84	8.16	6.91831E-09
1	Cook County	4-8	11/10/2011	85	7.95	1.12202E-08
1	Cook County	0-4	11/10/2011	81	8.01	9.77237E-09
1	Cook County	0-4	11/10/2011	81	7.97	1.07152E-08
1	Cook County	0-4	11/10/2011	84	7.77	1.69824E-08
1	Cook County	0-4	11/10/2011	79	8.01	9.77237E-09
1	Cook County	10-15	2/1/2012	85	8.22	6.0256E-09
1	Cook County	5-10	2/1/2012	90	7.97	1.07152E-08
1	Cook County	0-5	2/1/2012	89	8.9	1.25893E-09
1	Cook County	10 - 15	11/11/2011	86	8.24	5.7544E-09
1	Cook County	5 - 10	11/11/2011	85	8.39	4.0738E-09
1	Cook County	0 - 5	11/11/2011	77	8.24	5.7544E-09
1	Cook County	0-5	11/11/2011	84	8.29	5.12861E-09
1	Cook County	0-0.75	1/31/2012	86.6	8.52	3.01995E-09
1	Cook County	0-5	2/1/2012	94	8.7	1.99526E-09
1	Cook County	10-15	2/1/2012	87	8.03	9.33254E-09
1	Cook County	5-10	2/1/2012	93	8.31	4.89779E-09
1	Cook County	0-5	2/1/2012	93	8.62	2.39883E-09

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0 - 5	11/11/2011	82	7.96	1.09648E-08
1	Cook County	0-5	11/11/2011	83	8.28	5.24807E-09
1	Cook County	0 - 5	11/11/2011	83	8.05	8.91251E-09
1	Cook County	0-0.75	1/30/2012	80.8	8.24	5.7544E-09
1	Cook County	0-0.75	1/30/2012	83.3	8.38	4.16869E-09
1	Cook County	0-0.75	1/31/2012	84.7	8.84	1.44544E-09
1	Cook County	0-6	5/2/2011	83	8.4	3.98107E-09
1	Cook County	6-12	5/2/2011	83	7.93	1.1749E-08
1	Cook County	4-6	1/22/2010	92	7.63	2.34423E-08
1	Cook County	4-6	1/22/2010	88	8.19	6.45654E-09
1	Cook County	0-4	1/22/2010	86	8.46	3.46737E-09
1	Cook County	0-2	8/26/2011	80	7.82	1.51356E-08
1	Cook County	0-5.5	8/26/2011	79	7.63	2.34423E-08
1	Cook County	0-6	5/2/2011	81	8.09	8.12831E-09
1	Cook County	0-0.75	1/31/2012	80	8.37	4.2658E-09
1	Cook County	6-12	5/2/2011	86	8.16	6.91831E-09
1	Cook County	0-6	5/2/2011	79	8.25	5.62341E-09
1	Cook County	6-12	5/2/2011	81	7.98	1.04713E-08
1	Cook County	0-0.75	1/31/2012	81.4	8.39	4.0738E-09
1	Cook County	0-0.75	1/30/2012	76.4	8.08	8.31764E-09
1	Cook County	5-10	1/19/2010	84	8.1	7.94328E-09
1	Cook County	0-5	1/19/2010	78	7.95	1.12202E-08
1	Cook County	10-15	1/19/2010	85	7.85	1.41254E-08
1	Cook County	10-15	1/19/2010	85	7.87	1.34896E-08
1	Cook County	0-0.75	1/30/2012	76.3	8.41	3.89045E-09
1	Cook County	0-6	5/2/2011	85	8.45	3.54813E-09
1	Cook County	0-6	5/2/2011	85	8.45	3.54813E-09
1	Cook County	6-12	5/2/2011	90	8.1	7.94328E-09
1	Cook County	0-6	5/3/2011	94	8.71	1.94984E-09
1	Cook County	6-12	5/3/2011	79	8.61	2.45471E-09
1	Cook County	6-12	5/3/2011	90	8.54	2.88403E-09
1	Cook County	0-6	5/3/2011	87	8.77	1.69824E-09
1	Cook County	0-4	8/26/2011	84	8.38	4.16869E-09
1	Cook County	0-4	8/26/2011	95	8.55	2.81838E-09
1	Cook County	0-4	8/26/2011	83	8.04	9.12011E-09
1	Cook County	0-4	8/26/2011	83	8.03	9.33254E-09
1	Cook County	0-4	8/26/2011	78	7.92	1.20226E-08
1	Cook County	0-4	8/26/2011	91	8.48	3.31131E-09
1	Cook County	0-4	8/26/2011	83	8.15	7.07946E-09
1	Cook County	0-2	8/26/2011	82	8.04	9.12011E-09
1	Cook County	0-0.75	1/31/2012	85.7	8.75	1.77828E-09
1	Cook County	0-2	8/26/2011	87	9.09	8.12831E-10
1	Cook County	0-0.75	1/31/2012	86.6	8.74	1.8197E-09
1	Cook County	0-2	8/26/2011	83	9.18	6.60693E-10
1	Cook County	0-2	8/26/2011	84	8.42	3.80189E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-2	8/26/2011	84	8.72	1.90546E-09
1	Cook County	0-6	5/3/2011	87	8.66	2.18776E-09
1	Cook County	6-12	5/3/2011	83	8.53	2.95121E-09
1	Cook County	0-2	8/26/2011	93	8.51	3.0903E-09
1	Cook County	0-2	8/26/2011	93	8.67	2.13796E-09
1	Cook County	0-2	8/26/2011	87	7.96	1.09648E-08
1	Cook County	0-6	5/3/2011	80	8.66	2.18776E-09
1	Cook County	6-12	5/3/2011	80	8.06	8.70964E-09
1	Cook County	0-2	8/26/2011	83	8.62	2.39883E-09
1	Cook County	0-0.75	1/30/2012	86.3	8.84	1.44544E-09
1	Cook County	0-0.75	1/31/2012	81.5	8.56	2.75423E-09
1	Cook County	6-12	5/3/2011	82	8.35	4.46684E-09
1	Cook County	0-6	5/3/2011	84	8.77	1.69824E-09
1	Cook County	0-6	5/3/2011	83	8.86	1.38038E-09
1	Cook County	0-4	1/19/2010	75	8.24	5.7544E-09
1	Cook County	0-0.75	1/31/2012	86.6	8.72	1.90546E-09
1	Cook County	4-8	1/19/2010	84	8.15	7.07946E-09
1	Cook County	8-11	1/19/2010	83	8.3	5.01187E-09
1	Cook County	8-11	1/19/2010	85	8.28	5.24807E-09
1	Cook County	0-0.75	1/31/2012	79.9	8.56	2.75423E-09
1	Cook County	4-7.5	6/22/2010	85	7.59	2.5704E-08
1	Cook County	0-5	6/22/2010	87	7.56	2.75423E-08
1	Cook County	5-9.5	6/22/2010	78	7.71	1.94984E-08
1	Cook County	4-7.5	6/22/2010	85	7.58	2.63027E-08
1	Cook County	0-4	6/22/2010	88	7.9	1.25893E-08
1	Cook County	10-15	1/20/2010	88	8.2	6.30957E-09
1	Cook County	10-15	1/20/2010	87	7.75	1.77828E-08
1	Cook County	7-9	1/20/2010	84	8.25	5.62341E-09
1	Cook County	0-5	1/20/2010	78	8.41	3.89045E-09
1	Cook County	10-15	1/20/2010	86	8.16	6.91831E-09
1	Cook County	6.5-9	1/20/2010	85	8.66	2.18776E-09
1	Cook County	0-5	1/20/2010	78	9.85	1.41254E-10
1	Cook County	10-13	1/19/2010	87	7.73	1.86209E-08
1	Cook County	7-9	1/19/2010	83	7.59	2.5704E-08
1	Cook County	0-5	1/19/2010	81	7.95	1.12202E-08
1	Cook County	4-8	6/22/2010	86	7.62	2.39883E-08
1	Cook County	0-4	6/22/2010	82	7.31	4.89779E-08
1	Cook County	0-4	6/22/2010	85	7.1	7.94328E-08
1	Cook County	4-8	6/22/2010	76	7.2	6.30957E-08
1	Cook County	4-8	6/22/2010	81	7.14	7.24436E-08
1	Cook County	0-5	1/20/2010	84	9.06	8.70964E-10
1	Cook County	0-5	1/20/2010	81	7.81	1.54882E-08
1	Cook County	10-15	1/20/2010	84	7.89	1.28825E-08
1	Cook County	5-10	1/20/2010	83	7.72	1.90546E-08
1	Cook County	0-5	1/20/2010	77	7.67	2.13796E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	10-15	1/20/2010	86	7.87	1.34896E-08
1	Cook County	5-10	1/20/2010	84	7.01	9.77237E-08
1	Cook County	0-5	1/20/2010	80	8.8	1.58489E-09
1	Cook County	10-15	1/20/2010	84	8.01	9.77237E-09
1	Cook County	5-10	1/20/2010	85	8.18	6.60693E-09
1	Cook County	0-5	1/20/2010	80	8.72	1.90546E-09
1	Cook County	10-15	1/20/2010	88	7.5	3.16228E-08
1	Cook County	5-10	1/20/2010	83	8.56	2.75423E-09
1	Cook County	0-4	1/20/2010	98	8.85	1.41254E-09
1	Cook County	10-15	1/20/2010	86	7.7	1.99526E-08
1	Cook County	5-10	1/20/2010	84	7.81	1.54882E-08
1	Cook County	10-15	1/20/2010	85	7.85	1.41254E-08
1	Cook County	10-15	1/20/2010	86	7.92	1.20226E-08
1	Cook County	5-10	1/20/2010	83	8.38	4.16869E-09
1	Cook County	3-5	1/20/2010	84	8.36	4.36516E-09
1	Cook County	10-15	1/20/2010	85	7.89	1.28825E-08
1	Cook County	5-10	1/20/2010	86	8.45	3.54813E-09
1	Cook County	4-8	6/22/2010	86	7.99	1.02329E-08
1	Cook County	0-4	6/22/2010	88	7.97	1.07152E-08
1	Cook County	4-8	6/22/2010	87	8.02	9.54993E-09
1	Cook County	4-8	6/22/2010	84	7.75	1.77828E-08
1	Cook County	0-4	6/22/2010	87	8.25	5.62341E-09
1	Cook County	0-6	5/3/2011	82	7.95	1.12202E-08
1	Cook County	6-12	5/3/2011	84	7.87	1.34896E-08
1	Cook County	0-6	5/3/2011	90	8.4	3.98107E-09
1	Cook County	6-12	5/3/2011	86	8.1	7.94328E-09
1	Cook County	0-6	5/3/2011	89	8.78	1.65959E-09
1	Cook County	6-12	5/3/2011	93	8.26	5.49541E-09
1	Cook County	0-6	5/3/2011	85	9.1	7.94328E-10
1	Cook County	6-12	5/3/2011	88	8.13	7.4131E-09
1	Cook County	0-6	5/3/2011	83	8.48	3.31131E-09
1	Cook County	6-12	5/3/2011	85	8.1	7.94328E-09
1	Cook County	0-6	5/3/2011	87	8.63	2.34423E-09
1	Cook County	0-3	1/13/2010	80	8.09	8.12831E-09
1	Cook County	6-12	5/3/2011	84	7.69	2.04174E-08
1	Cook County	0-6	5/3/2011	78	7.36	4.36516E-08
1	Cook County	6-12	5/3/2011	83	7.9	1.25893E-08
1	Cook County	0-3	1/13/2010	84	7.99	1.02329E-08
1	Cook County	3-6	1/13/2010	91	8.31	4.89779E-09
1	Cook County	0-5	1/13/2010	80	6.48	3.31131E-07
1	Cook County	5-10	1/13/2010	85	7.97	1.07152E-08
1	Cook County	5-10	1/13/2010	88	7.94	1.14815E-08
1	Cook County	10-15	1/13/2010	87	7.96	1.09648E-08
1	Cook County	4-8	6/22/2010	86	8.17	6.76083E-09
1	Cook County	0-4	6/22/2010	90	7.96	1.09648E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	10-15	1/22/2010	88	7.9	1.25893E-08
1	Cook County	10-15	1/22/2010	87	7.9	1.25893E-08
1	Cook County	6-9	1/22/2010	85	8.14	7.24436E-09
1	Cook County	3-5	1/21/2010	82	7.88	1.31826E-08
1	Cook County	10-13	1/21/2010	87	7.79	1.62181E-08
1	Cook County	3-5	1/21/2010	79	7.82	1.51356E-08
1	Cook County	5-8	1/21/2010	85	8	0.00000001
1	Cook County	1-5	1/21/2010	80	6.69	2.04174E-07
1	Cook County	10-13	1/21/2010	86	7.89	1.28825E-08
1	Cook County	5-8	1/21/2010	84	8.38	4.16869E-09
1	Cook County	10-15	1/21/2010	85	7.83	1.47911E-08
1	Cook County	0-5	1/22/2010	78	7.86	1.38038E-08
1	Cook County	3-6	1/13/2010	87	7.85	1.41254E-08
1	Cook County	0-3	1/13/2010	85	8.41	3.89045E-09
1	Cook County	0-3	1/13/2010	83	8.19	6.45654E-09
1	Cook County	6-10	1/21/2010	85	7.61	2.45471E-08
1	Cook County	0-5	6/23/2010	89	8.19	6.45654E-09
1	Cook County	4-7.5	6/22/2010	87	8.26	5.49541E-09
1	Cook County	0-4	6/24/2010	88	8.05	8.91251E-09
1	Cook County	4-8	6/24/2010	86	8.1	7.94328E-09
1	Cook County	5-9.5	6/23/2010	83	7.94	1.14815E-08
1	Cook County	0-4	6/23/2010	88	8.03	9.33254E-09
1	Cook County	4-7.5	6/23/2010	87	8.36	4.36516E-09
1	Cook County	0-4	6/23/2010	85	8.19	6.45654E-09
1	Cook County	4-7.5	6/22/2010	87	8.25	5.62341E-09
1	Cook County	0-4	6/22/2010	89	7.45	3.54813E-08
1	Cook County	4-8	6/23/2010	85	8.27	5.37032E-09
1	Cook County	0-4	6/24/2010	88	8	0.00000001
1	Cook County	0-5	1/22/2010	85	8.96	1.09648E-09
1	Cook County	4-8	6/24/2010	81	7.83	1.47911E-08
1	Cook County	0-4	1/13/2010	77	7.97	1.07152E-08
1	Cook County	5-10	1/22/2010	87	8.58	2.63027E-09
1	Cook County	4-7	1/13/2010	88	7.82	1.51356E-08
1	Cook County	0-4	1/13/2010	80	8.16	6.91831E-09
1	Cook County	0-5	1/22/2010	87	8.68	2.0893E-09
1	Cook County	4-8	6/24/2010	85	8.22	6.0256E-09
1	Cook County	0-4	6/24/2010	81	8.43	3.71535E-09
1	Cook County	4-8	6/24/2010	83	7.91	1.23027E-08
1	Cook County	4-8	6/24/2010	85	8.23	5.88844E-09
1	Cook County	0-4	6/24/2010	85	8.09	8.12831E-09
1	Cook County	0-4.5	1/14/2010	86	7.97	1.07152E-08
1	Cook County	0-4.5	1/14/2010	85	8	0.00000001
1	Cook County	4.5-9	1/14/2010	83	8.59	2.5704E-09
1	Cook County	0-4.5	1/14/2010	84	7.85	1.41254E-08
1	Cook County	4.5-9	1/14/2010	83	8.32	4.7863E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4.5	1/14/2010	81	7.82	1.51356E-08
1	Cook County	4.5-9	1/14/2010	87	8.27	5.37032E-09
1	Cook County	0-4.5	1/14/2010	84	7.85	1.41254E-08
1	Cook County	4.5-9	1/14/2010	86	8.28	5.24807E-09
1	Cook County	4-7	1/14/2010	82	8.19	6.45654E-09
1	Cook County	0-4	1/14/2010	83	8.23	5.88844E-09
1	Cook County	4-7	1/14/2010	82	8.26	5.49541E-09
1	Cook County	5-9.5	1/12/2010	86	8.53	2.95121E-09
1	Cook County	5-9.5	1/11/2010	87	8.25	5.62341E-09
1	Cook County	0-5	1/12/2010	82	8.55	2.81838E-09
1	Cook County	5-9.5	1/11/2010	86	8.4	3.98107E-09
1	Cook County	0-5	1/12/2010	77	8.87	1.34896E-09
1	Cook County	0-5	1/11/2010	87	7.9	1.25893E-08
1	Cook County	5-9.5	1/12/2010	83	8.6	2.51189E-09
1	Cook County	5-9.5	1/11/2010	84	8.37	4.2658E-09
1	Cook County	0-5	1/11/2010	87	8.63	2.34423E-09
1	Cook County	5-9.5	1/11/2010	85	8.6	2.51189E-09
1	Cook County	5-9.5	1/11/2010	86	8.6	2.51189E-09
1	Cook County	0-5	1/11/2010	81	7.64	2.29087E-08
1	Cook County	5-9.5	1/11/2010	86	8.57	2.69153E-09
1	Cook County	0-5	1/11/2010	82	8.16	6.91831E-09
1	Cook County	0-5	1/11/2010	80	7.71	1.94984E-08
1	Cook County	4-8	1/12/2010	84	8.74	1.8197E-09
1	Cook County	8-11	1/12/2010	85	7.87	1.34896E-08
1	Cook County	0-4	1/12/2010	81	7.73	1.86209E-08
1	Cook County	8-11	1/12/2010	87	8.31	4.89779E-09
1	Cook County	8-11	1/12/2010	89	7.93	1.1749E-08
1	Cook County	4-8	1/12/2010	88	8.15	7.07946E-09
1	Cook County	0-4	1/12/2010	79	8.37	4.2658E-09
1	Cook County	8-11	1/12/2010	87	8.19	6.45654E-09
1	Cook County	8-12	1/12/2010	84	8.27	5.37032E-09
1	Cook County	0-4	1/12/2010	81	6.87	1.34896E-07
1	Cook County	8-11	1/12/2010	88	8.12	7.58578E-09
1	Cook County	4-8	1/12/2010	81	7.7	1.99526E-08
1	Cook County	0-4	1/12/2010	81	7.81	1.54882E-08
1	Cook County	12-15	1/12/2010	90	8.13	7.4131E-09
1	Cook County	4-8	1/12/2010	90	7.4	3.98107E-08
1	Cook County	0-4	1/12/2010	82	7.78	1.65959E-08
1	Cook County	4-8	1/12/2010	87	8.34	4.57088E-09
1	Cook County	0-5	1/12/2010	83	8.46	3.46737E-09
1	Cook County	10-15	1/12/2010	84	8.49	3.23594E-09
1	Cook County	5-10	1/12/2010	87	8.57	2.69153E-09
1	Cook County	0-4	6/24/2010	85	8.55	2.81838E-09
1	Cook County	4-7.5	6/24/2010	85	8.15	7.07946E-09
1	Cook County	5-10	1/12/2010	86	8.57	2.69153E-09

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	0-4	6/24/2010	90	8.48	3.31131E-09
1	Cook County	4-8	6/24/2010	86	8.39	4.0738E-09
1	Cook County	0-4	6/24/2010	80	7.37	4.2658E-08
1	Cook County	4-8	6/24/2010	82	8.14	7.24436E-09
1	Cook County	0-4	6/24/2010	83	7.85	1.41254E-08
1	Cook County	4-8	6/24/2010	86	8.31	4.89779E-09
1	Cook County	4-7.5	6/24/2010	81	7.77	1.69824E-08
1	Cook County	0-4	6/24/2010	80	7.8	1.58489E-08
1	Cook County	5-9.5	6/24/2010	83	8.03	9.33254E-09
1	Cook County	0-5	6/24/2010	85	8.09	8.12831E-09
1	Cook County	4-7.5	6/24/2010	82	7.78	1.65959E-08
1	Cook County	4-8	6/21/2010	84	7.82	1.51356E-08
1	Cook County	0-4	6/21/2010	87	8.22	6.0256E-09
1	Cook County	4-8	6/21/2010	85	7.64	2.29087E-08
1	Cook County	0-4	6/21/2010	80	7.55	2.81838E-08
1	Cook County	4-8	6/21/2010	86	7.89	1.28825E-08
1	Cook County	4-8	6/17/2010	81	8	0.00000001
1	Cook County	0-4	6/17/2010	83	8.2	6.30957E-09
1	Cook County	4-8	6/18/2010	85	8.33	4.67735E-09
1	Cook County	4-8	6/18/2010	86	8.27	5.37032E-09
1	Cook County	0-4	6/18/2010	79	8.64	2.29087E-09
1	Cook County	0-4	6/21/2010	88	7.64	2.29087E-08
1	Cook County	4-8	6/21/2010	89	8.02	9.54993E-09
1	Cook County	4-8	6/21/2010	85	8.39	4.0738E-09
1	Cook County	0-4	6/21/2010	84	8.29	5.12861E-09
1	Cook County	4-7.5	6/21/2010	82	7.94	1.14815E-08
1	Cook County	0-4	6/21/2010	83	8.68	2.0893E-09
1	Cook County	4-7.5	6/21/2010	89	7.54	2.88403E-08
1	Cook County	0-4	6/21/2010	85	8.34	4.57088E-09
1	Cook County	4-7.5	6/21/2010	87	7.86	1.38038E-08
1	Cook County	4-8	6/21/2010	87	7.94	1.14815E-08
1	Cook County	0-4	6/21/2010	88	7.93	1.1749E-08
1	Cook County	0-4	6/18/2010	80	8.55	2.81838E-09
1	Cook County	4-8	6/18/2010	81	8.13	7.4131E-09
1	Cook County	0-4	6/18/2010	87	8.95	1.12202E-09
1	Cook County	0-4	6/18/2010	81	7.91	1.23027E-08
1	Cook County	0-4	6/21/2010	78	6.81	1.54882E-07
1	Cook County	0-4	6/18/2010	82	8.4	3.98107E-09
1	Cook County	0-5	6/18/2010	79	7.64	2.29087E-08
1	Cook County	4-8	6/18/2010	88	8.74	1.8197E-09
1	Cook County	0-4	6/18/2010	80	8.38	4.16869E-09
1	Cook County	4-8	6/18/2010	83	8.22	6.0256E-09
1	Cook County	0-4	6/18/2010	80	8.15	7.07946E-09
1	Cook County	4-8	6/21/2010	82	8.03	9.33254E-09
1	Cook County	0-4	6/18/2010	85	8.41	3.89045E-09

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Cook County	4-7.5	6/18/2010	83	8.38	4.16869E-09
1	Cook County	0-4	6/18/2010	85	8.59	2.5704E-09
1	Cook County	0-4	6/18/2010	83	8.38	4.16869E-09
1	Cook County	4-7.5	6/18/2010	84	8.41	3.89045E-09
1	Cook County	4-8	6/18/2010	80	8.01	9.77237E-09
1	Cook County	4-8	6/18/2010	82	8.19	6.45654E-09
1	Cook County	5-9.5	6/18/2010	80	7.99	1.02329E-08
1	Cook County	4-8	6/18/2010	86	8.68	2.0893E-09
1	Cook County	5-9.5	6/18/2010	80	7.97	1.07152E-08
1	Cook County	4-8	6/18/2010	81	8.34	4.57088E-09
1	Cook County	5-9.5	6/18/2010	83	8.33	4.67735E-09
1	Cook County	4-8	6/21/2010	83	7.83	1.47911E-08
1	Cook County	4-8	6/18/2010	84	8.02	9.54993E-09
1	Cook County	0-4	6/18/2010	87	8.09	8.12831E-09
1	Cook County	0-5	6/18/2010	85	8.59	2.5704E-09
1	Cook County	0-4	6/21/2010	80	7.96	1.09648E-08
1	Cook County	4-8	6/21/2010	87	8.19	6.45654E-09
1	Cook County	0-4	6/21/2010	82	7.59	2.5704E-08
1	Cook County	4-8	6/18/2010	83	7.89	1.28825E-08
1	Cook County	0-4	6/21/2010	82	8.57	2.69153E-09
1	Cook County	4-8	6/21/2010	85	8.37	4.2658E-09

Soil pH
DeKalb County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
184	5.6	10.8	0.7617	8.0841	4.26811E-08	7.370

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(-pH)}
3	DeKalb County	0-2.5	12/22/2009	76	7.15	7.07946E-08
3	DeKalb County	0-2.5	12/22/2009	68	7.4	3.98107E-08
3	DeKalb County	0-2.5	12/22/2009	80	7.64	2.29087E-08
3	DeKalb County	0-2.5	12/22/2009	77	7.66	2.18776E-08
3	DeKalb County	0-2.5	12/22/2009	70	7.12	7.58578E-08
3	DeKalb County	0-2.5	12/22/2009	74	7.21	6.16595E-08
3	DeKalb County	0-2.5	12/22/2009	73	7.29	5.12861E-08
3	DeKalb County	0-2.5	12/22/2009	73	6.8	1.58489E-07
3	DeKalb County	0-2.5	12/22/2009	78	7.06	8.70964E-08
3	DeKalb County	0-2.5	12/22/2009	73	7.42	3.80189E-08

Soil pH
County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
888	5.99	11.6	0.5235	8.0389	1.88936E-08	7.724

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^(-pH)
1	DuPage County	0-5	10/12/2011	85	8.17	6.76083E-09
1	DuPage County	15-20	10/12/2011	86	8.26	5.49541E-09
1	DuPage County	0-5	10/12/2011	86	8.14	7.24436E-09
1	DuPage County	10-15	10/12/2011	87	8.15	7.07946E-09
1	DuPage County	5-10	10/12/2011	76	8.4	3.98107E-09
1	DuPage County	0-5	10/12/2011	82	7.7	1.99526E-08
1	DuPage County	15-20	10/13/2011	85	7.98	1.04713E-08
1	DuPage County	10-15	10/12/2011	88	8.35	4.46684E-09
1	DuPage County	5-10	10/12/2011	84	8.21	6.16595E-09
1	DuPage County	0-5	10/12/2011	87	8.33	4.67735E-09
1	DuPage County	15-20	10/12/2011	86	8.18	6.60693E-09
1	DuPage County	10-15	10/12/2011	86	8.45	3.54813E-09
1	DuPage County	5-10	10/12/2011	81	8.25	5.62341E-09
1	DuPage County	0-5	10/12/2011	71	7.87	1.34896E-08
1	DuPage County	10-15	10/12/2011	86	8.16	6.91831E-09
1	DuPage County	15-20	10/12/2011	83	8.14	7.24436E-09
1	DuPage County	15-20	10/12/2011	87	7.93	1.1749E-08
1	DuPage County	5-10	10/12/2011	76	7.52	3.01995E-08
1	DuPage County	15-20	10/12/2011	86	8.22	6.0256E-09
1	DuPage County	10-15	10/12/2011	85	8.1	7.94328E-09
1	DuPage County	5-10	10/12/2011	82	8.03	9.33254E-09
1	DuPage County	0-5	10/12/2011	77	7.71	1.94984E-08
1	DuPage County	5-10	10/12/2011	84	8.33	4.67735E-09
1	DuPage County	10-15	10/12/2011	76	8.25	5.62341E-09
1	DuPage County	0-5	10/12/2011	85	8.23	5.88844E-09
1	DuPage County	15-20	10/12/2011	75	8.15	7.07946E-09
1	DuPage County	10-15	10/12/2011	70	7.63	2.34423E-08
1	DuPage County	5-10	10/12/2011	79	7.84	1.44544E-08
1	DuPage County	0-5	10/12/2011	85	7.45	3.54813E-08
1	DuPage County	0-5	10/12/2011	83	7.48	3.31131E-08
1	DuPage County	15-20	10/12/2011	72	9.1	7.94328E-10
1	DuPage County	10-15	10/12/2011	85	8.09	8.12831E-09
1	DuPage County	0-5	10/12/2011	82	7.72	1.90546E-08
1	DuPage County	5-10	10/12/2011	79	7.37	4.2658E-08
1	DuPage County	0-5	10/12/2011	81	7.74	1.8197E-08
1	DuPage County	5-10	10/14/2011	87	8.06	8.70964E-09
1	DuPage County	10-15	10/13/2011	85	8.06	8.70964E-09

Multiple county projects are not included in the County evaluations.

Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	DuPage County	5-10	10/13/2011	86	7.91	1.23027E-08
1	DuPage County	10-15	10/13/2011	76	6.57	2.69153E-07
1	DuPage County	15-20	10/13/2011	79	7.73	1.86209E-08
1	DuPage County	0-5	10/13/2011	87	8.62	2.39883E-09
1	DuPage County	5-10	10/13/2011	87	11.3	5.01187E-12
1	DuPage County	10-15	10/13/2011	88	11.6	2.51189E-12
1	DuPage County	15-20	10/13/2011	80	9.67	2.13796E-10
1	DuPage County	0-5	10/13/2011	82	7.42	3.80189E-08
1	DuPage County	0-5	10/13/2011	80	7.45	3.54813E-08
1	DuPage County	5-10	10/13/2011	84	8.24	5.7544E-09
1	DuPage County	10-15	10/13/2011	74	7.71	1.94984E-08
1	DuPage County	15-20	10/13/2011	85	8.15	7.07946E-09
1	DuPage County	0-5	10/14/2011	84	6.42	3.80189E-07
1	DuPage County	10-15	10/14/2011	85	8.11	7.76247E-09
1	DuPage County	0-5	10/13/2011	75	7.68	2.0893E-08
1	DuPage County	5-10	10/13/2011	65	7.42	3.80189E-08
1	DuPage County	10-15	10/13/2011	79	7.72	1.90546E-08
1	DuPage County	15-20	10/14/2011	85	7.93	1.1749E-08
1	DuPage County	0-5	10/14/2011	80	7.39	4.0738E-08
1	DuPage County	0-5	10/13/2011	84	8.47	3.38844E-09
1	DuPage County	15-20	10/13/2011	82	6.88	1.31826E-07
1	DuPage County	0-5	10/13/2011	82	7.4	3.98107E-08
1	DuPage County	5-10	10/13/2011	78	7.9	1.25893E-08
1	DuPage County	10-15	10/13/2011	82	7.95	1.12202E-08
1	DuPage County	15-20	10/13/2011	83	8.06	8.70964E-09
1	DuPage County	0-5	10/13/2011	80	7.53	2.95121E-08
1	DuPage County	0-5	10/13/2011	80	7.35	4.46684E-08
1	DuPage County	5-10	10/13/2011	77	7.87	1.34896E-08
1	DuPage County	0-5	10/13/2011	82	7.44	3.63078E-08
1	DuPage County	15-20	10/13/2011	86	7.85	1.41254E-08
1	DuPage County	15-20	10/14/2011	83	8.19	6.45654E-09
1	DuPage County	15-20	10/13/2011	79	8.61	2.45471E-09
1	DuPage County	5-10	10/13/2011	78	7.63	2.34423E-08
1	DuPage County	10-15	10/13/2011	76	7.66	2.18776E-08
1	DuPage County	15-20	10/13/2011	74	7.91	1.23027E-08
1	DuPage County	0-5	10/13/2011	83	7.6	2.51189E-08
1	DuPage County	5-10	10/13/2011	79	7.79	1.62181E-08
1	DuPage County	10-15	10/13/2011	82	8.17	6.76083E-09
1	DuPage County	15-20	10/13/2011	77	8.06	8.70964E-09
1	DuPage County	0-5	10/13/2011	91	9.41	3.89045E-10
1	DuPage County	10-15	10/13/2011	84	11.2	6.30957E-12
1	DuPage County	0-5	10/14/2011	80	7.49	3.23594E-08
1	DuPage County	0-5	10/13/2011	78	7.55	2.81838E-08

Multiple county projects are not included in the County evaluations.

Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	DuPage County	5-10	10/13/2011	82	6.63	2.34423E-07
1	DuPage County	10-15	10/13/2011	84	8.18	6.60693E-09
1	DuPage County	15-20	10/13/2011	84	8.12	7.58578E-09
1	DuPage County	0-5	10/14/2011	93	7.59	2.5704E-08
1	DuPage County	5-10	10/14/2011	86	8.11	7.76247E-09
1	DuPage County	10-15	10/14/2011	84	8.22	6.0256E-09
1	DuPage County	5-10	10/13/2011	91	11.2	6.30957E-12
1	DuPage County	0-2	10/27/2009	76	8.07	8.51138E-09
1	DuPage County	0-2	10/26/2009	80	7.05	8.91251E-08
1	DuPage County	0-2	10/26/2009	78	7.35	4.46684E-08
1	DuPage County	0-2	10/26/2009	78	7.61	2.45471E-08
1	DuPage County	0-2	10/26/2009	76	7.73	1.86209E-08
1	DuPage County	0-2	10/26/2009	81	7.22	6.0256E-08
1	DuPage County	0-2	10/26/2009	76	7.73	1.86209E-08
1	DuPage County	0-2	10/26/2009	88	8.05	8.91251E-09
1	DuPage County	0-2	10/26/2009	76	7.77	1.69824E-08
1	DuPage County	0-2	10/26/2009	79	7.36	4.36516E-08
1	DuPage County	0-2	10/26/2009	81	7.25	5.62341E-08
1	DuPage County	0-2	10/26/2009	80	6.52	3.01995E-07
1	DuPage County	0-2	10/26/2009	79	6.74	1.8197E-07

Soil pH
Edwards County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
10	4.28	7.91	1.3563	5.3710	2.06955E-05	4.684

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(-pH)}
7	Edwards County	0-5	10/18/2011	85.4	4.55	2.81838E-05
7	Edwards County	0-5	10/18/2011	87.4	4.28	5.24807E-05
7	Edwards County	0-5	10/18/2011	81.8	4.92	1.20226E-05
7	Edwards County	0-5	10/18/2011	84.3	4.44	3.63078E-05
7	Edwards County	0-5	10/18/2011	84.2	4.36	4.36516E-05
7	Edwards County	0-5	10/18/2011	87.6	7.61	2.45471E-08
7	Edwards County	0-5	10/18/2011	80.9	7.91	1.23027E-08
7	Edwards County	0-5	10/18/2011	82.9	6.04	9.12011E-07
7	Edwards County	0-5	10/18/2011	82.2	4.66	2.18776E-05
7	Edwards County	0-5	10/18/2011	83	4.94	1.14815E-05

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
20	7.32	8.92	0.5757	8.1310	1.47848E-08	7.830

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^(-pH)
3	Ford County	0-2	5/26/2009	87	7.52	3.01995E-08
3	Ford County	2-4	5/26/2009	83	7.72	1.90546E-08
3	Ford County	4-6.7	5/26/2009	85	7.75	1.77828E-08
3	Ford County	0-0.5	5/27/2009	89	8.41	3.89045E-09
3	Ford County	0-2	5/26/2009	83	8.92	1.20226E-09
3	Ford County	0-2	5/26/2009	85	8.91	1.23027E-09
3	Ford County	2-4	5/26/2009	85	7.83	1.47911E-08
3	Ford County	4-6.7	5/26/2009	80	7.32	4.7863E-08
3	Ford County	0-2	5/26/2009	86	7.45	3.54813E-08
3	Ford County	0-2	5/26/2009	86	7.4	3.98107E-08
3	Ford County	2-4	5/26/2009	87	7.64	2.29087E-08
3	Ford County	4-6.7	5/26/2009	88	7.72	1.90546E-08
3	Ford County	0-2	5/26/2009	81	8.63	2.34423E-09
3	Ford County	2-4	5/26/2009	84	8.57	2.69153E-09
3	Ford County	4-6.7	5/26/2009	80	7.59	2.5704E-08
3	Ford County	0-0.5	5/27/2009	80	8.56	2.75423E-09
3	Ford County	0-0.5	5/27/2009	85	8.62	2.39883E-09
3	Ford County	0-0.5	5/27/2009	82	8.83	1.47911E-09
3	Ford County	0-0.5	5/27/2009	86	8.74	1.8197E-09
3	Ford County	0-0.5	5/27/2009	84	8.49	3.23594E-09

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*****PC# 32*****

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
12	4.65	8.27	1.2418	6.6283	4.10027E-06	5.387

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^(-pH)
9	Franklin County	4-6	1/9/2008	92	8.27	5.37032E-09
9	Franklin County	3-5	1/9/2008	92	6.73	1.86209E-07
9	Franklin County	3-5	1/9/2008	92	7.68	2.0893E-08
9	Franklin County	3-5	1/9/2008	88	7.63	2.34423E-08
9	Franklin County	3-5	1/9/2008	87	7.08	8.31764E-08
9	Franklin County	3-5	1/9/2008	95	8	0.00000001
9	Franklin County	1-3	1/10/2008	89	6.06	8.70964E-07
9	Franklin County	4-6	1/10/2008	92	7.11	7.76247E-08
9	Franklin County	4-6	1/10/2008	93	6.34	4.57088E-07
9	Franklin County	4-6	1/10/2008	93	5.29	5.12861E-06
9	Franklin County	2-4	1/10/2008	90	4.7	1.99526E-05
9	Franklin County	2-4	1/10/2008	90	4.65	2.23872E-05

Soil pH
Fulton County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
71	6.27	8.89	0.5192	7.8455	3.69536E-08	7.432

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^(-pH)
4	Fulton County	0 - 4	4/6/2011	73.8	7.19	6.45654E-08
4	Fulton County	0 - 4	4/6/2011	74.1	8.31	4.89779E-09
4	Fulton County	0 - 4	4/6/2011	75.1	8.13	7.4131E-09
4	Fulton County	0 - 4	4/6/2011	76.7	7.39	4.0738E-08
4	Fulton County	0 - 4	4/6/2011	75.7	8.46	3.46737E-09
4	Fulton County	0 - 4	4/6/2011	76.3	7.24	5.7544E-08
4	Fulton County	0 - 4	4/6/2011	70	8.03	9.33254E-09
4	Fulton County	0 - 4	4/6/2011	75.4	8.12	7.58578E-09
4	Fulton County	4 - 10	4/6/2011	74.4	7.91	1.23027E-08
4	Fulton County	10 - 16	4/6/2011	79.7	7.83	1.47911E-08
4	Fulton County	0 - 4	4/6/2011	67.1	8.38	4.16869E-09
4	Fulton County	0 - 4	4/6/2011	75.3	8.48	3.31131E-09
4	Fulton County	10 - 16	4/4/2011	81.2	7.64	2.29087E-08
4	Fulton County	0 - 4	4/4/2011	76.9	7.97	1.07152E-08
4	Fulton County	0 - 4	4/4/2011	78.8	8.47	3.38844E-09
4	Fulton County	4 - 10	4/4/2011	73.6	7.95	1.12202E-08
4	Fulton County	0 - 4	4/4/2011	76.5	7.56	2.75423E-08
4	Fulton County	0 - 4	4/4/2011	75.3	7.93	1.1749E-08
4	Fulton County	4 - 10	4/7/2011	75.1	8.13	7.4131E-09
4	Fulton County	10 - 16	4/7/2011	80	7.98	1.04713E-08
4	Fulton County	0 - 4	4/4/2011	78.6	8.03	9.33254E-09
4	Fulton County	0 - 4	4/4/2011	79.7	8.71	1.94984E-09
4	Fulton County	0 - 4	4/4/2011	72.6	8.38	4.16869E-09
4	Fulton County	0 - 4	4/7/2011	77.9	8.23	5.88844E-09
4	Fulton County	0 - 4	4/7/2011	78.4	8.89	1.28825E-09
4	Fulton County	0 - 4	4/4/2011	78	8.38	4.16869E-09
4	Fulton County	0 - 4	4/4/2011	76.9	8.22	6.0256E-09
4	Fulton County	0 - 4	4/4/2011	74.4	8.12	7.58578E-09
4	Fulton County	0 - 4	4/4/2011	77.9	7.82	1.51356E-08
4	Fulton County	10 - 16	4/4/2011	81.4	8	0.00000001
4	Fulton County	0 - 4	4/4/2011	76.3	7.89	1.28825E-08
4	Fulton County	4 - 10	4/4/2011	78.3	8.02	9.54993E-09
4	Fulton County	0 - 4	4/5/2011	76	7.42	3.80189E-08
4	Fulton County	0 - 2	4/5/2011	79.4	7.91	1.23027E-08
4	Fulton County	0 - 4	4/5/2011	77.6	6.84	1.44544E-07
4	Fulton County	0 - 4	4/5/2011	72.2	7.84	1.44544E-08
4	Fulton County	0 - 4	4/5/2011	77.8	7.48	3.31131E-08
4	Fulton County	4 - 10	4/5/2011	76.2	7.26	5.49541E-08
4	Fulton County	10 - 16	4/5/2011	47.1	7.17	6.76083E-08
4	Fulton County	0 - 4	4/5/2011	79.2	7.82	1.51356E-08

Multiple county projects are not included in the County evaluations.

Andrews Engineering, Inc.

Soil pH
Fulton County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
4	Fulton County	4 - 7	4/5/2011	78.8	7.72	1.90546E-08
4	Fulton County	0 - 4	4/5/2011	82.4	8.21	6.16595E-09
4	Fulton County	4 - 7	4/5/2011	77.6	7.55	2.81838E-08
4	Fulton County	4 - 7	4/5/2011	76.8	7.7	1.99526E-08
4	Fulton County	0 - 4	4/5/2011	76.2	7.36	4.36516E-08
4	Fulton County	0 - 4	4/5/2011	74.2	6.27	5.37032E-07
4	Fulton County	0 - 4	4/5/2011	76.5	6.53	2.95121E-07
4	Fulton County	0 - 4	4/5/2011	75.7	7.74	1.8197E-08
4	Fulton County	0 - 4	4/5/2011	76.6	6.97	1.07152E-07
4	Fulton County	10 - 16	4/6/2011	59.7	7.62	2.39883E-08
4	Fulton County	0 - 4	4/6/2011	76.4	6.39	4.0738E-07
4	Fulton County	4 - 10	4/6/2011	78.4	7.55	2.81838E-08
4	Fulton County	10 - 16	4/6/2011	74	8.36	4.36516E-09
4	Fulton County	4 - 10	4/6/2011	81.7	8.09	8.12831E-09
4	Fulton County	0 - 4	4/6/2011	76.2	7.51	3.0903E-08
4	Fulton County	0 - 4	4/6/2011	75.5	7.68	2.0893E-08
4	Fulton County	10 - 16	4/5/2011	56.8	7.54	2.88403E-08
4	Fulton County	4 - 10	4/5/2011	76	7.81	1.54882E-08
4	Fulton County	0 - 4	4/5/2011	75.4	7.9	1.25893E-08
4	Fulton County	10 - 16	4/5/2011	79.8	7.78	1.65959E-08
4	Fulton County	4 - 10	4/5/2011	78.2	8.16	6.91831E-09
4	Fulton County	0 - 4	4/5/2011	86.4	8.12	7.58578E-09
4	Fulton County	0 - 4	4/5/2011	75.6	8.17	6.76083E-09
4	Fulton County	0 - 4	4/5/2011	73.5	7.12	7.58578E-08
4	Fulton County	0 - 4	4/6/2011	77.6	8.06	8.70964E-09
4	Fulton County	4 - 10	4/6/2011	77.8	8.26	5.49541E-09
4	Fulton County	0 - 4	4/6/2011	72.1	8.3	5.01187E-09
4	Fulton County	10 - 16	4/6/2011	74.1	8.41	3.89045E-09
4	Fulton County	4 - 10	4/6/2011	80	8.22	6.0256E-09
4	Fulton County	0 - 4	4/6/2011	77.1	7.7	1.99526E-08
4	Fulton County	10 - 16	4/6/2011	77.7	8.7	1.99526E-09

Soil pH
Grundy County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
114	5.6	9.14	0.6003	7.9032	5.37929E-08	7.269

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Grundy County	0-5	10/21/2010	88	7.65	2.23872E-08
3	Grundy County	0-5	10/21/2010	83	7.92	1.20226E-08
3	Grundy County	0-5	10/21/2010	81	8.12	7.58578E-09
3	Grundy County	0-5	10/21/2010	84	7.78	1.65959E-08
3	Grundy County	0-5	10/21/2010	85	8.55	2.81838E-09
3	Grundy County	0-5	10/21/2010	91	7.81	1.54882E-08
3	Grundy County	5-9	10/22/2010	83	8.19	6.45654E-09
3	Grundy County	0-5	10/22/2010	86	8.1	7.94328E-09
3	Grundy County	5-9	10/22/2010	86	8.24	5.7544E-09
3	Grundy County	0-5	10/22/2010	89	8.12	7.58578E-09
3	Grundy County	5-9	10/22/2010	89	7.68	2.0893E-08
3	Grundy County	0-5	10/22/2010	90	8.01	9.77237E-09
3	Grundy County	0-5	10/22/2010	91	7.95	1.12202E-08
3	Grundy County	0-5	10/22/2010	91	7.88	1.31826E-08
3	Grundy County	5-9	10/22/2010	87	8.09	8.12831E-09
3	Grundy County	0-5	10/22/2010	86	8.12	7.58578E-09
3	Grundy County	0-5	10/22/2010	84	7.81	1.54882E-08
3	Grundy County	0-5	10/22/2010	89	8.49	3.23594E-09
3	Grundy County	0-5	10/22/2010	82	7.49	3.23594E-08
3	Grundy County	0-5	10/22/2010	78	8	0.00000001
3	Grundy County	0-5	10/21/2010	90	8.11	7.76247E-09
3	Grundy County	0-5	10/21/2010	91	7.94	1.14815E-08
3	Grundy County	0-5	10/21/2010	94	8.21	6.16595E-09
3	Grundy County	0-5	10/21/2010	91	7.99	1.02329E-08
3	Grundy County	0-4	10/21/2010	93	7.57	2.69153E-08
3	Grundy County	0-4	10/21/2010	94	7.4	3.98107E-08
3	Grundy County	0-4	10/21/2010	97	8.13	7.4131E-09
3	Grundy County	0-4	10/21/2010	85	8.94	1.14815E-09
3	Grundy County	0-4	10/25/2010	82	7.75	1.77828E-08
3	Grundy County	0-4	10/22/2010	85	8.02	9.54993E-09
3	Grundy County	0-4	10/25/2010	79	7.76	1.7378E-08
3	Grundy County	0-4	10/25/2010	75	7.82	1.51356E-08
3	Grundy County	0-4	10/25/2010	84	7.32	4.7863E-08
3	Grundy County	0-4	10/22/2010	84	7.63	2.34423E-08
3	Grundy County	0-4	10/22/2010	83	7.8	1.58489E-08

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
13	7.45	8.63	0.2878	8.0408	1.11372E-08	7.953

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
6	Hancock County	1-3	5/22/2008	86	7.89	1.28825E-08
6	Hancock County	1-3	5/22/2008	86	8.36	4.36516E-09
6	Hancock County	1-3	5/22/2008	81	8.27	5.37032E-09
6	Hancock County	0-2	5/22/2008	88	8.13	7.4131E-09
6	Hancock County	0-2	5/22/2008	84	7.94	1.14815E-08
6	Hancock County	1-3	5/22/2008	81	8.08	8.31764E-09
6	Hancock County	1-3	5/22/2008	76	8.16	6.91831E-09
6	Hancock County	1-3	5/22/2008	87	7.45	3.54813E-08
6	Hancock County	1-3	5/22/2008	81	7.89	1.28825E-08
6	Hancock County	0-2	5/22/2008	75	7.83	1.47911E-08
6	Hancock County	1-3	5/22/2008	82	7.91	1.23027E-08
6	Hancock County	1-3	5/22/2008	84	7.99	1.02329E-08
6	Hancock County	1-3	5/22/2008	73	8.63	2.34423E-09

Electronic Filing - Received, Clerk's Office, 04/18/2012

* * * * * PC# 32 * * * * *

# Samples	Minimum	Maximum	Standard Deviation	ic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
10	5.3	8.4	0.9183	7.5100	2.53407E-07	6.596

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
2	Henry County	0-2	1/5/2005	85.2	8.4	3.98107E-09
2	Henry County	2-4	1/5/2005	84.9	6.8	1.58489E-07
2	Henry County	2-4	1/4/2005	81.5	8	0.00000001
2	Henry County	2-4	1/5/2005	87.7	8	0.00000001
2	Henry County	2-4	1/4/2005	74.8	8.2	6.30957E-09
2	Henry County	2-4	1/4/2005	78	7.1	7.94328E-08
2	Henry County	2-4	1/4/2005	74.4	7.6	2.51189E-08
2	Henry County	4-6	1/4/2005	78.3	7.7	1.99526E-08
2	Henry County	4-6	1/4/2005	79.3	5.3	5.01187E-06
2	Henry County	8-10	1/4/2005	78.5	8	0.00000001
2	Henry County	2-4	11-Feb-04	79.3	8.3	5.01187E-09
2	Henry County	2-4	11-Feb-04	85.2	8.4	3.98107E-09
2	Henry County	4-5	11-Feb-04	79.9	8.1	7.94328E-09
2	Henry County	4-5	11-Feb-04	85	8.8	1.58489E-09
2	Henry County	4-5	11-Feb-04	78	8	0.00000001
2	Henry County	4-5	11-Feb-04	78.1	7.5	3.16228E-08
2	Henry County	0-2	12-Feb-04	82	9.2	6.30957E-10
2	Henry County	4-5	12-Feb-04	87.7	8.3	5.01187E-09
2	Henry County	0-0	25-Feb-04	79.8	8.1	7.94328E-09
2	Henry County	0-0	25-Feb-04	80.8	8.1	7.94328E-09
2	Henry County	0-0	25-Feb-04	79.2	7.8	1.58489E-08
2	Henry County	0-0	26-Feb-04	75.6	7.5	3.16228E-08
2	Henry County	0-0	26-Feb-04	73.8	8.6	2.51189E-09
2	Henry County	0-0	26-Feb-04	76	7.7	1.99526E-08
2	Henry County	0-0	26-Feb-04	78.1	7.9	1.25893E-08
2	Henry County	0-0	24-Feb-04	75.7	8.1	7.94328E-09
2	Henry County	0-0	26-Feb-04	79.4	7.5	3.16228E-08
2	Henry County	0-0	23-Feb-04	74.6	7.9	1.25893E-08
2	Henry County	0-0	23-Feb-04	73.5	7.6	2.51189E-08
2	Henry County	0-0	23-Feb-04	79.2	8.7	1.99526E-09
2	Henry County	0-0	23-Feb-04	80.4	7.2	6.30957E-08
2	Henry County	0-0	24-Feb-04	77.8	7.9	1.25893E-08
2	Henry County	0-0	24-Feb-04	79.3	7.9	1.25893E-08
2	Henry County	0-0	24-Feb-04	76.2	7.3	5.01187E-08
2	Henry County	0-0	24-Feb-04	76	7.2	6.30957E-08
2	Henry County	0-0	24-Feb-04	75.5	5.3	5.01187E-06
2	Henry County	0-0	25-Feb-04	76.8	8.1	7.94328E-09
2	Henry County	0-0	25-Feb-04	72.9	7.7	1.99526E-08
2	Henry County	0-0	25-Feb-04	76.9	8.4	3.98107E-09
2	Henry County	0-0	25-Feb-04	91.9	8.7	1.99526E-09
2	Henry County	0-0	25-Feb-04	80.9	7.3	5.01187E-08
2	Henry County	0-0	23-Feb-04	76.9	7.9	1.25893E-08
2	Henry County	0-0	23-Feb-04	79.3	8.1	7.94328E-09

Soil pH
County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
741	5.04	10.7	0.5711	8.0785	3.89114E-08	7.410

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	0-4	1/13/2012	84	8.33	4.67735E-09
1	Kane County	4-8	1/13/2012	89	7.92	1.20226E-08
1	Kane County	0-4	1/16/2012	80	6.98	1.04713E-07
1	Kane County	4-7.5	1/16/2012	92	7.11	7.76247E-08
1	Kane County	0-1.6	1/16/2012	75	7.63	2.34423E-08
1	Kane County	4-8	1/13/2012	87	8.18	6.60693E-09
1	Kane County	4-8	1/13/2012	78	7.43	3.71535E-08
1	Kane County	8-11	1/13/2012	90	7.93	1.1749E-08
1	Kane County	0-4	1/13/2012	85	7.88	1.31826E-08
1	Kane County	4-8	1/13/2012	86	8.01	9.77237E-09
1	Kane County	8-11	1/13/2012	90	7.92	1.20226E-08
1	Kane County	0-4	1/13/2012	81	7.44	3.63078E-08
1	Kane County	0-4	1/13/2012	77	7.41	3.89045E-08
1	Kane County	4-8	1/13/2012	82	7.42	3.80189E-08
1	Kane County	0-4	1/16/2012	76	7.07	8.51138E-08
1	Kane County	0-4	1/13/2012	71	8.03	9.33254E-09
1	Kane County	8-11	1/13/2012	89	7.91	1.23027E-08
1	Kane County	8-11	1/13/2012	78	7.56	2.75423E-08
1	Kane County	0-4	1/13/2012	79	7.03	9.33254E-08
1	Kane County	4-8	1/13/2012	80	7.09	8.12831E-08
1	Kane County	8-11	1/13/2012	90	8.18	6.60693E-09
1	Kane County	0-4	1/13/2012	78	7.57	2.69153E-08
1	Kane County	0-4	1/13/2012	80	7.62	2.39883E-08
1	Kane County	8-11	1/13/2012	89	8.46	3.46737E-09
1	Kane County	0-1	11/4/2011	63	7.96	1.09648E-08
1	Kane County	0-5	11/4/2011	81.6	8.23	5.88844E-09
1	Kane County	0-5	11/4/2011	88.4	8.99	1.02329E-09
1	Kane County	0-5	11/4/2011	86	8.59	2.5704E-09
1	Kane County	0-5	11/4/2011	87.9	8.39	4.0738E-09
1	Kane County	5-15	11/4/2011	87.9	8.48	3.31131E-09
1	Kane County	5-10	11/4/2011	87.2	8.36	4.36516E-09
1	Kane County	0 - 5	11/4/2011	88.1	8.44	3.63078E-09
1	Kane County	0-1	11/4/2011	74.6	7.83	1.47911E-08
1	Kane County	0-1	11/4/2011	80.5	7.98	1.04713E-08
1	Kane County	0-2	11/4/2011	74.4	8.01	9.77237E-09
1	Kane County	0-2	11/4/2011	89.4	8.67	2.13796E-09
1	Kane County	10-15	11/4/2011	90.2	8.35	4.46684E-09
1	Kane County	5-10	11/4/2011	80	8.57	2.69153E-09
1	Kane County	0 - 5	11/4/2011	78.7	8.59	2.5704E-09
1	Kane County	0-1	11/4/2011	85.5	7.71	1.94984E-08
1	Kane County	0-4	1/16/2012	88	8.3	5.01187E-09
1	Kane County	8-11	1/16/2012	76	7.94	1.14815E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	0-4	1/16/2012	91	7.18	6.60693E-08
1	Kane County	0-4	1/16/2012	80	7.55	2.81838E-08
1	Kane County	4-8	1/16/2012	85	7.89	1.28825E-08
1	Kane County	0-4	1/27/2011	88	8.68	2.0893E-09
1	Kane County	0-5	1/13/2012	77	7.53	2.95121E-08
1	Kane County	0-5	1/13/2012	77	7.88	1.31826E-08
1	Kane County	0-5	1/13/2012	81	8.14	7.24436E-09
1	Kane County	0-4	1/27/2011	87	8.51	3.0903E-09
1	Kane County	0-4	1/27/2011	84	8.56	2.75423E-09
1	Kane County	0-4	1/27/2011	91	8.86	1.38038E-09
1	Kane County	0-4	1/27/2011	82	8.41	3.89045E-09
1	Kane County	0-5	1/13/2012	78	7.59	2.5704E-08
1	Kane County	0-4	1/27/2011	83	7.64	2.29087E-08
1	Kane County	0-4	1/27/2011	76	6.42	3.80189E-07
1	Kane County	0-4	1/27/2011	83	6.83	1.47911E-07
1	Kane County	0-4	1/27/2011	80	7.32	4.7863E-08
1	Kane County	0-4	1/27/2011	79	7.59	2.5704E-08
1	Kane County	0-4	1/27/2011	78	7.57	2.69153E-08
1	Kane County	0-4	1/28/2011	86	8.53	2.95121E-09
1	Kane County	0-4	1/28/2011	90	8.6	2.51189E-09
1	Kane County	0-4	1/28/2011	89	8.46	3.46737E-09
1	Kane County	0-4	1/28/2011	90	8.93	1.1749E-09
1	Kane County	0-4	1/28/2011	92	9.12	7.58578E-10
1	Kane County	0-3.5	9/16/2010	84	7.86	1.38038E-08
1	Kane County	0-4	1/28/2011	90	8.87	1.34896E-09
1	Kane County	0-4	1/28/2011	88	7.88	1.31826E-08
1	Kane County	10-15	10/20/2011	82	8.14	7.24436E-09
1	Kane County	4-8	1/16/2012	86	8.46	3.46737E-09
1	Kane County	0-4	1/16/2012	88	8.35	4.46684E-09
1	Kane County	8-11	1/16/2012	92	7.42	3.80189E-08
1	Kane County	4-8	1/16/2012	86	8.07	8.51138E-09
1	Kane County	0-4	1/16/2012	79	7.84	1.44544E-08
1	Kane County	8-11	1/16/2012	87	7.7	1.99526E-08
1	Kane County	4-8	1/16/2012	89	8.29	5.12861E-09
1	Kane County	0-4	1/16/2012	76	8	0.00000001
1	Kane County	0-4	1/16/2012	76	7.84	1.44544E-08
1	Kane County	0-4	1/16/2012	80	7.81	1.54882E-08
1	Kane County	8-11	1/16/2012	93	8.37	4.2658E-09
1	Kane County	4-8	1/16/2012	92	8.24	5.7544E-09
1	Kane County	0-4	1/16/2012	79	8	0.00000001
1	Kane County	0-4	9/16/2010	87	7.65	2.23872E-08
1	Kane County	10-15	9/16/2010	87	8.26	5.49541E-09
1	Kane County	0-4	1/16/2012	87	8.03	9.33254E-09
1	Kane County	8-11	1/13/2012	80	6.84	1.44544E-07
1	Kane County	8-11	1/13/2012	81	7.78	1.65959E-08
1	Kane County	4-8	1/13/2012	79	7.77	1.69824E-08
1	Kane County	8-11	1/16/2012	89	7.57	2.69153E-08
1	Kane County	0-4	1/13/2012	79	8.01	9.77237E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	4-8	1/13/2012	78	7.7	1.99526E-08
1	Kane County	0-4	1/13/2012	79	8.43	3.71535E-09
1	Kane County	8-11	1/13/2012	87	8.61	2.45471E-09
1	Kane County	4-8	1/13/2012	77	8.65	2.23872E-09
1	Kane County	0-4	1/13/2012	75	8.13	7.4131E-09
1	Kane County	4-8	1/16/2012	93	9.11	7.76247E-10
1	Kane County	0-4	1/13/2012	77	7.79	1.62181E-08
1	Kane County	0-5	10/20/2011	88	7.8	1.58489E-08
1	Kane County	5-10	9/16/2010	81	7.5	3.16228E-08
1	Kane County	0-4	1/16/2012	81	7.33	4.67735E-08
1	Kane County	0-5	9/16/2010	80	7.37	4.2658E-08
1	Kane County	0-5	9/16/2010	81	7.6	2.51189E-08
1	Kane County	0-5	10/20/2011	93	7.9	1.25893E-08
1	Kane County	10-15	10/20/2011	86	8.26	5.49541E-09
1	Kane County	0-5	10/20/2011	89	8.25	5.62341E-09
1	Kane County	5-10	10/20/2011	93	8.61	2.45471E-09
1	Kane County	10-15	10/20/2011	85	8.26	5.49541E-09
1	Kane County	0-5	10/20/2011	92	7.74	1.8197E-08
1	Kane County	5-10	10/20/2011	92	8.6	2.51189E-09
1	Kane County	0-5	10/20/2011	94	8.13	7.4131E-09
1	Kane County	5-10	10/20/2011	85	8.66	2.18776E-09
1	Kane County	0-5	10/20/2011	88	7.66	2.18776E-08
1	Kane County	0-4	1/16/2012	79	7.25	5.62341E-08
1	Kane County	5-10	10/20/2011	89	8.58	2.63027E-09
1	Kane County	0-5	10/20/2011	94	8.33	4.67735E-09
1	Kane County	0-5	10/20/2011	95	8.21	6.16595E-09
1	Kane County	0-5	10/20/2011	95	8.29	5.12861E-09
1	Kane County	5-10	10/20/2011	96	8.42	3.80189E-09
1	Kane County	10-15	10/20/2011	84	8.14	7.24436E-09
1	Kane County	5-10	10/20/2011	93	8.51	3.0903E-09
1	Kane County	10-15	10/19/2011	87	8.52	3.01995E-09
1	Kane County	10-15	10/20/2011	83	8.53	2.95121E-09
1	Kane County	5-10	10/19/2011	95	8.72	1.90546E-09
1	Kane County	10-15	10/20/2011	88	8.36	4.36516E-09
1	Kane County	0-5	10/19/2011	96	9.12	7.58578E-10
1	Kane County	0-3	10/19/2011	84	8.04	9.12011E-09
1	Kane County	0-3	10/19/2011	80	7.35	4.46684E-08
1	Kane County	0-3	10/19/2011	85	7.92	1.20226E-08
1	Kane County	0-3	10/19/2011	80	8.03	9.33254E-09
1	Kane County	0-3	10/19/2011	84	7.45	3.54813E-08
1	Kane County	0-3	10/19/2011	82	7.64	2.29087E-08
1	Kane County	0-3	10/19/2011	82	7.42	3.80189E-08
1	Kane County	0-3	10/19/2011	96	8.26	5.49541E-09
1	Kane County	0-4	1/26/2011	79	7.68	2.0893E-08
1	Kane County	0-4	1/26/2011	79	7.66	2.18776E-08
1	Kane County	0 - 5	11/4/2011	78.1	7.85	1.41254E-08
1	Kane County	0-5	11/4/2011	80.9	8.41	3.89045E-09
1	Kane County	0 - 2	11/4/2011	87.1	8.75	1.77828E-09

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Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	0 - 2	11/4/2011	86	7.79	1.62181E-08
1	Kane County	0 - 5	11/4/2011	73.8	8.14	7.24436E-09
1	Kane County	0 - 5	11/4/2011	83.6	8.23	5.88844E-09
1	Kane County	5 - 10	11/4/2011	76.2	7.8	1.58489E-08
1	Kane County	10 - 15	11/4/2011	87.2	8.28	5.24807E-09
1	Kane County	0 - 5	11/4/2011	78.7	8.11	7.76247E-09
1	Kane County	0 - 5	11/4/2011	88.4	8.16	6.91831E-09
1	Kane County	0 - 2	11/4/2011	84.6	8.14	7.24436E-09
1	Kane County	0-4	1/26/2011	80	7.97	1.07152E-08
1	Kane County	0-3	10/17/2011	84	8.77	1.69824E-09
1	Kane County	0-3	10/17/2011	89	8.85	1.41254E-09
1	Kane County	0-3	10/17/2011	90	8.59	2.5704E-09
1	Kane County	0-3	10/17/2011	91	8.86	1.38038E-09
1	Kane County	0-3	10/17/2011	86	7.92	1.20226E-08
1	Kane County	0-3	10/17/2011	93	8.03	9.33254E-09
1	Kane County	0-3	10/17/2011	91	7.98	1.04713E-08
1	Kane County	0-3	10/17/2011	91	8.21	6.16595E-09
1	Kane County	0-3	10/17/2011	88	8.23	5.88844E-09
1	Kane County	0-3	10/17/2011	96	8.34	4.57088E-09
1	Kane County	0-3	10/17/2011	96	8.46	3.46737E-09
1	Kane County	0-3	10/17/2011	83	8.3	5.01187E-09
1	Kane County	0-3	10/17/2011	84	8.45	3.54813E-09
1	Kane County	0-3	10/17/2011	87	8.59	2.5704E-09
1	Kane County	0-3	10/17/2011	83	8.21	6.16595E-09
1	Kane County	0-3	10/17/2011	85	8.77	1.69824E-09
1	Kane County	0-3	10/17/2011	90	8.82	1.51356E-09
1	Kane County	0-3	10/17/2011	87	8.59	2.5704E-09
1	Kane County	0-3	10/17/2011	87	8.58	2.63027E-09
1	Kane County	0-3	10/17/2011	83	8.49	3.23594E-09
1	Kane County	0-3	10/17/2011	84	8.21	6.16595E-09
1	Kane County	0-3	10/17/2011	90	8.17	6.76083E-09
1	Kane County	0-3	1/26/2011	81	8.16	6.91831E-09
1	Kane County	0-3	1/26/2011	86	8.14	7.24436E-09
1	Kane County	0-3	1/26/2011	82	8.21	6.16595E-09
1	Kane County	0-3	1/26/2011	83	7.99	1.02329E-08
1	Kane County	0-6	10/17/2011	82	7.35	4.46684E-08
1	Kane County	0-6	10/17/2011	88	8	0.00000001
1	Kane County	0-6	10/17/2011	84	8.45	3.54813E-09
1	Kane County	0-6	10/17/2011	88	7.21	6.16595E-08
1	Kane County	0-6	10/17/2011	84	8.12	7.58578E-09
1	Kane County	0-2	11/4/2011	79	7.91	1.23027E-08
1	Kane County	0-6	10/17/2011	82	7.55	2.81838E-08
1	Kane County	0 - 2	11/4/2011	72.7	8.76	1.7378E-09
1	Kane County	0 - 2	11/4/2011	67.4	7.82	1.51356E-08
1	Kane County	0 - 2	11/4/2011	78	8.13	7.4131E-09
1	Kane County	0 - 2	11/4/2011	88.2	8.16	6.91831E-09
1	Kane County	0 - 2	11/4/2011	79.4	8.44	3.63078E-09
1	Kane County	5-10	1/19/2011	86	8.12	7.58578E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	0-5	1/19/2011	80	7.97	1.07152E-08
1	Kane County	0-5	1/19/2011	81	8.3	5.01187E-09
1	Kane County	10-15	1/19/2011	95	8.69	2.04174E-09
1	Kane County	10-15	1/19/2011	94	8.4	3.98107E-09
1	Kane County	0-5	1/19/2011	77	7.34	4.57088E-08
1	Kane County	5-10	1/19/2011	94	8.48	3.31131E-09
1	Kane County	0-5	1/19/2011	80	8.01	9.77237E-09
1	Kane County	10-15	1/19/2011	93	7.98	1.04713E-08
1	Kane County	10-15	1/19/2011	87	7.98	1.04713E-08
1	Kane County	0-5	1/19/2011	79	8.36	4.36516E-09
1	Kane County	10-15	1/19/2011	93	8.6	2.51189E-09
1	Kane County	5-10	1/19/2011	82	8.06	8.70964E-09
1	Kane County	0-5	1/19/2011	79	8.27	5.37032E-09
1	Kane County	5-10	1/19/2011	81	6.72	1.90546E-07
1	Kane County	10-15	1/19/2011	87	7.27	5.37032E-08
1	Kane County	0-5	1/19/2011	82	8.48	3.31131E-09
1	Kane County	5-10	1/19/2011	79	7.2	6.30957E-08
1	Kane County	5-10	1/19/2011	78	7.3	5.01187E-08
1	Kane County	0 - 5	11/4/2011	84.6	8.19	6.45654E-09
1	Kane County	0 - 2	11/4/2011	78.6	7.87	1.34896E-08
1	Kane County	0 - 2	11/4/2011	87	8.41	3.89045E-09
1	Kane County	0 - 2	11/4/2011	91.6	9.12	7.58578E-10
1	Kane County	0-2	11/4/2011	87.4	8.49	3.23594E-09
1	Kane County	0 - 2	11/4/2011	72.5	8.11	7.76247E-09
1	Kane County	0 - 2	11/4/2011	78	7.37	4.2658E-08
1	Kane County	0 - 2	11/4/2011	77.3	8.15	7.07946E-09
1	Kane County	0 - 5	11/4/2011	77.2	8.17	6.76083E-09
1	Kane County	0-5	1/18/2011	79	7.7	1.99526E-08
1	Kane County	10-15	1/18/2011	95	8.29	5.12861E-09
1	Kane County	5-10	1/18/2011	95	8.34	4.57088E-09
1	Kane County	0-5	1/18/2011	80	8.36	4.36516E-09
1	Kane County	10-15	1/18/2011	94	8.28	5.24807E-09
1	Kane County	0-5	1/19/2011	79	7.89	1.28825E-08
1	Kane County	0-3	10/19/2011	92	9.04	9.12011E-10
1	Kane County	0-3	10/19/2011	83	8.94	1.14815E-09
1	Kane County	0-3	10/19/2011	93	9.05	8.91251E-10
1	Kane County	0-3	10/19/2011	87	8.92	1.20226E-09
1	Kane County	0-3	10/19/2011	91	8.84	1.44544E-09
1	Kane County	0-3	10/19/2011	76	6.99	1.02329E-07
1	Kane County	0-3	10/19/2011	83	7.96	1.09648E-08
1	Kane County	0-3	10/19/2011	82	8.03	9.33254E-09
1	Kane County	0-3	10/19/2011	92	8.97	1.07152E-09
1	Kane County	0-3	10/19/2011	94	8.46	3.46737E-09
1	Kane County	0-3	10/17/2011	85	8.24	5.7544E-09
1	Kane County	5-10	1/19/2011	84	7.79	1.62181E-08
1	Kane County	10-15	1/19/2011	94	8.52	3.01995E-09
1	Kane County	5-10	1/19/2011	95	8.2	6.30957E-09
1	Kane County	0-5	1/19/2011	85	7.96	1.09648E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	0-5	1/19/2011	85	8.34	4.57088E-09
1	Kane County	10-15	1/19/2011	95	8.63	2.34423E-09
1	Kane County	5-10	1/19/2011	94	8.06	8.70964E-09
1	Kane County	0-5	1/19/2011	82	7.67	2.13796E-08
1	Kane County	10-15	1/19/2011	94	8.1	7.94328E-09
1	Kane County	5-10	1/19/2011	82	7.62	2.39883E-08
1	Kane County	5-10	1/18/2011	84	7.74	1.8197E-08
1	Kane County	10-15	1/19/2011	95	8.19	6.45654E-09
1	Kane County	0-5	1/19/2011	80	8.01	9.77237E-09
1	Kane County	0-3	10/19/2011	85	8.37	4.2658E-09
1	Kane County	0-3	10/19/2011	80	9.04	9.12011E-10
1	Kane County	0-3	10/19/2011	86	8.81	1.54882E-09
1	Kane County	0-3	10/19/2011	83	8.58	2.63027E-09
1	Kane County	0-5	11/4/2011	77.9	8.45	3.54813E-09
1	Kane County	0 - 5	11/4/2011	72	9.66	2.18776E-10
1	Kane County	0 - 5	11/4/2011	84.7	9.65	2.23872E-10
1	Kane County	0 - 5	11/4/2011	81.9	7.86	1.38038E-08
1	Kane County	4-8	1/18/2011	82	6.77	1.69824E-07
1	Kane County	0-4	1/18/2011	79	7.97	1.07152E-08
1	Kane County	4-8	1/18/2011	83	8.03	9.33254E-09
1	Kane County	0-4	1/18/2011	79	7.8	1.58489E-08
1	Kane County	4-8	1/18/2011	80	5.9	1.25893E-06
1	Kane County	0-4	1/18/2011	78	7.46	3.46737E-08
1	Kane County	0-4	1/18/2011	81	7.62	2.39883E-08
1	Kane County	4-8	1/18/2011	86	7.76	1.7378E-08
1	Kane County	0-4	1/18/2011	78	7.28	5.24807E-08
1	Kane County	0-5	1/27/2011	87	8.32	4.7863E-09
1	Kane County	0-5	1/27/2011	82	7.8	1.58489E-08
1	Kane County	0-5	1/27/2011	85	8.5	3.16228E-09
1	Kane County	0-5	1/27/2011	85	8.46	3.46737E-09
1	Kane County	0-5	1/18/2011	82	8.18	6.60693E-09
1	Kane County	0-5	1/18/2011	79	8.28	5.24807E-09
1	Kane County	0-5	1/18/2011	79	8.34	4.57088E-09
1	Kane County	0-5	1/17/2011	79	8.24	5.7544E-09
1	Kane County	0-5	1/18/2011	81	8.12	7.58578E-09
1	Kane County	0-5	1/18/2011	78	7.93	1.1749E-08
1	Kane County	0-5	1/17/2011	82	7.92	1.20226E-08
1	Kane County	0-5	1/18/2011	77	7.53	2.95121E-08
1	Kane County	0-5	1/17/2011	81	7.65	2.23872E-08
1	Kane County	0-5	1/17/2011	80	7.55	2.81838E-08
1	Kane County	0-5	1/17/2011	82	7.86	1.38038E-08
1	Kane County	0-5	1/17/2011	83	7.25	5.62341E-08
1	Kane County	0-5	1/17/2011	83	7.37	4.2658E-08
1	Kane County	0-5	1/17/2011	80	8.01	9.77237E-09
1	Kane County	0-5	1/17/2011	80	7.22	6.0256E-08
1	Kane County	0-5	1/17/2011	80	6.95	1.12202E-07
1	Kane County	0-5	1/17/2011	83	7.8	1.58489E-08
1	Kane County	5-10	1/17/2011	88	7.6	2.51189E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	10-15	1/17/2011	93	8.1	7.94328E-09
1	Kane County	0-5	1/17/2011	81	8.01	9.77237E-09
1	Kane County	0-5	1/17/2011	81	7.77	1.69824E-08
1	Kane County	5-10	1/17/2011	88	7.97	1.07152E-08
1	Kane County	10-15	1/17/2011	95	8.07	8.51138E-09
1	Kane County	0-5	1/20/2011	79	7.41	3.89045E-08
1	Kane County	10-15	1/20/2011	94	8.03	9.33254E-09
1	Kane County	5-10	1/20/2011	84	7.92	1.20226E-08
1	Kane County	0-5	1/20/2011	88	7.66	2.18776E-08
1	Kane County	0-5	1/20/2011	89	7.69	2.04174E-08
1	Kane County	5-10	1/20/2011	79	7.37	4.2658E-08
1	Kane County	10-15	1/20/2011	95	8.37	4.2658E-09
1	Kane County	10-15	1/20/2011	93	8	0.00000001
1	Kane County	0-5	1/24/2011	81	7.03	9.33254E-08
1	Kane County	0-5	1/20/2011	79	7.66	2.18776E-08
1	Kane County	5-10	1/20/2011	87	5.46	3.46737E-06
1	Kane County	10-15	1/20/2011	92	8.06	8.70964E-09
1	Kane County	5-10	1/20/2011	90	7.47	3.38844E-08
1	Kane County	0-5	1/20/2011	79	7.58	2.63027E-08
1	Kane County	10-15	1/24/2011	92	8.26	5.49541E-09
1	Kane County	5-10	1/24/2011	90	7.75	1.77828E-08
1	Kane County	0-5	1/24/2011	80	6.47	3.38844E-07
1	Kane County	5-10	1/24/2011	90	8.45	3.54813E-09
1	Kane County	10-15	1/24/2011	94	8.26	5.49541E-09
1	Kane County	5-10	1/20/2011	84	7.42	3.80189E-08
1	Kane County	10-15	1/20/2011	94	8	0.00000001
1	Kane County	0-5	1/20/2011	80	7.03	9.33254E-08
1	Kane County	10-15	1/20/2011	95	8.2	6.30957E-09
1	Kane County	5-10	1/20/2011	81	7.62	2.39883E-08
1	Kane County	0-5	1/20/2011	78	7.37	4.2658E-08
1	Kane County	5-10	1/25/2011	94	8.08	8.31764E-09
1	Kane County	0-5	1/25/2011	80	7.95	1.12202E-08
1	Kane County	0-5	1/25/2011	83	7.78	1.65959E-08
1	Kane County	0-5	1/25/2011	80	7.49	3.23594E-08
1	Kane County	0-5	1/25/2011	83	8.66	2.18776E-09
1	Kane County	5-10	1/25/2011	88	8.26	5.49541E-09
1	Kane County	0-5	1/25/2011	79	8.3	5.01187E-09
1	Kane County	0-5	1/24/2011	91	7.87	1.34896E-08
1	Kane County	5-10	1/24/2011	93	8.01	9.77237E-09
1	Kane County	0-5	1/24/2011	87	7.75	1.77828E-08
1	Kane County	5-10	1/25/2011	92	7.8	1.58489E-08
1	Kane County	5-10	1/25/2011	81	8.09	8.12831E-09
1	Kane County	5-10	1/25/2011	83	7.79	1.62181E-08
1	Kane County	0-5	1/25/2011	79	7.48	3.31131E-08
1	Kane County	5-10	1/25/2011	87	7.69	2.04174E-08
1	Kane County	0-5	1/25/2011	79	6.99	1.02329E-07
1	Kane County	5-10	1/25/2011	81	7.9	1.25893E-08
1	Kane County	0-5	1/25/2011	83	7.92	1.20226E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	4-6	1/26/2011	84	8.01	9.77237E-09
1	Kane County	4-6	1/26/2011	79	6.01	9.77237E-07
1	Kane County	0-4	1/26/2011	77	6.39	4.0738E-07
1	Kane County	0-4	1/26/2011	79	7.74	1.8197E-08
1	Kane County	4-6	1/26/2011	76	6.74	1.8197E-07
1	Kane County	0-4	1/26/2011	80	7.53	2.95121E-08
1	Kane County	0-4	1/26/2011	77	6.49	3.23594E-07
1	Kane County	0-5	1/26/2011	79	7.72	1.90546E-08
1	Kane County	0-5	1/26/2011	79	7.19	6.45654E-08
1	Kane County	0-5	1/26/2011	80	7.82	1.51356E-08
1	Kane County	0-5	1/26/2011	80	7.53	2.95121E-08
1	Kane County	0-4	1/26/2011	79	7.78	1.65959E-08
1	Kane County	0-4	1/26/2011	80	7.79	1.62181E-08
1	Kane County	4-6	1/26/2011	87	8.9	1.25893E-09
1	Kane County	0-4	1/26/2011	86	8.67	2.13796E-09
1	Kane County	4-6	1/26/2011	89	7.83	1.47911E-08
1	Kane County	0-4	1/26/2011	81	7.55	2.81838E-08
1	Kane County	4-6	1/26/2011	83	7.47	3.38844E-08
1	Kane County	0-4	1/25/2011	79	8.31	4.89779E-09
1	Kane County	4-8	1/25/2011	78	6.84	1.44544E-07
1	Kane County	4-8	1/25/2011	83	7.37	4.2658E-08
1	Kane County	0-4	1/25/2011	79	7.28	5.24807E-08
1	Kane County	4-8	1/25/2011	90	7.75	1.77828E-08
1	Kane County	0-4	1/25/2011	83	7.21	6.16595E-08
1	Kane County	0-4	1/25/2011	80	7.21	6.16595E-08
1	Kane County	0-5	1/25/2011	82	7.2	6.30957E-08
1	Kane County	5-10	1/25/2011	85	7.56	2.75423E-08
1	Kane County	5-10	1/25/2011	91	8.08	8.31764E-09
1	Kane County	0-5	1/25/2011	87	7.85	1.41254E-08
1	Kane County	0-5	1/25/2011	89	8.43	3.71535E-09
1	Kane County	5-10	1/25/2011	94	8.04	9.12011E-09
1	Kane County	0-5	1/25/2011	90	8.26	5.49541E-09
1	Kane County	0-5	1/24/2011	80	7.44	3.63078E-08
1	Kane County	0-5	1/24/2011	82	8.35	4.46684E-09
1	Kane County	5-10	1/24/2011	85	7.82	1.51356E-08
1	Kane County	0-5	1/24/2011	78	7.54	2.88403E-08
1	Kane County	5-10	1/24/2011	91	7.71	1.94984E-08
1	Kane County	0-5	1/24/2011	80	7.09	8.12831E-08
1	Kane County	5-10	1/24/2011	83	7.19	6.45654E-08
1	Kane County	0-5	1/24/2011	78	7.36	4.36516E-08
1	Kane County	5-10	1/24/2011	83	7.62	2.39883E-08
1	Kane County	0-5	1/24/2011	81	8.09	8.12831E-09
1	Kane County	5-10	1/24/2011	79	8.23	5.88844E-09
1	Kane County	5-10	1/27/2011	86	8.81	1.54882E-09
1	Kane County	8-12	1/27/2011	85	7.59	2.5704E-08
1	Kane County	0-5	1/27/2011	90	9.14	7.24436E-10
1	Kane County	0-4	1/27/2011	85	9.27	5.37032E-10
1	Kane County	4-8	1/27/2011	85	8.04	9.12011E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	Kane County	10-14	1/27/2011	85	8.29	5.12861E-09
1	Kane County	0-5	1/27/2011	85	8.8	1.58489E-09
1	Kane County	10-15	1/27/2011	84	7.62	2.39883E-08
1	Kane County	0-4	1/27/2011	84	9.06	8.70964E-10
1	Kane County	5-10	1/27/2011	88	8.48	3.31131E-09
1	Kane County	0-4	1/28/2011	74	7.49	3.23594E-08
1	Kane County	0-4	1/28/2011	77	8.03	9.33254E-09
1	Kane County	0-4	1/28/2011	70	7.36	4.36516E-08
1	Kane County	4-8	1/28/2011	87	8.3	5.01187E-09
1	Kane County	0-4	1/28/2011	78	7.89	1.28825E-08
1	Kane County	4-8	1/28/2011	81	8.12	7.58578E-09
1	Kane County	0-4	1/28/2011	77	7.69	2.04174E-08
1	Kane County	4-8	1/28/2011	81	8.26	5.49541E-09
1	Kane County	0-4	1/28/2011	77	7.69	2.04174E-08
1	Kane County	4-8	1/28/2011	75	7.25	5.62341E-08
1	Kane County	0-4	1/28/2011	78	7.63	2.34423E-08
1	Kane County	4-8	1/28/2011	78	8.19	6.45654E-09
1	Kane County	0-4	1/28/2011	86	8.22	6.0256E-09
1	Kane County	0-4	1/28/2011	86	8.07	8.51138E-09
1	Kane County	0-4	1/28/2011	80	7.62	2.39883E-08
1	Kane County	0-4	1/28/2011	84	8.41	3.89045E-09
1	Kane County	0-4	1/28/2011	87	8.19	6.45654E-09
1	Kane County	0-4	1/28/2011	86	8.51	3.0903E-09
1	Kane County	0-4	1/28/2011	86	8.32	4.7863E-09

Electronic Filing - Received, Clerk's Office, 04/18/2012

* * * * * PC# 32 * * * * *

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
137	6.4	9.7	0.5238	8.0591	2.00869E-08	7.697

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
1	Kane & DuPage Counties	0-2	8/10/2011	87	8.8	1.58489E-09
1	Kane & DuPage Counties	0-2	8/15/2011	72.7	7.5	3.16228E-08
1	Kane & DuPage Counties	0-2	8/10/2011	77.6	8.9	1.25893E-09
1	Kane & DuPage Counties	0-2	8/9/2011	87.4	8.4	3.98107E-09
1	Kane & DuPage Counties	0-2	8/10/2011	78.6	8.7	1.99526E-09
1	Kane & DuPage Counties	0-2	8/16/2011	89.9	8.4	3.98107E-09
1	Kane & DuPage Counties	0-2	8/10/2011	73.8	8.4	3.98107E-09
1	Kane & DuPage Counties	0-2	8/16/2011	78.8	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/10/2011	78.2	8.3	5.01187E-09
1	Kane & DuPage Counties	0-2	8/10/2011	73.5	7.5	3.16228E-08
1	Kane & DuPage Counties	0-2	8/9/2011	78.8	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/16/2011	81.6	8	0.00000001
1	Kane & DuPage Counties	0-2	8/12/2011	75	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/9/2011	76.8	8.1	7.94328E-09
1	Kane & DuPage Counties	0-2	8/9/2011	77.6	7.7	1.99526E-08
1	Kane & DuPage Counties	0-2	8/9/2011	79.5	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/9/2011	77	8.2	6.30957E-09
1	Kane & DuPage Counties	0-2	8/9/2011	81.1	7.7	1.99526E-08
1	Kane & DuPage Counties	0-2	8/16/2011	81.2	7.6	2.51189E-08
1	Kane & DuPage Counties	0-2	8/9/2011	86.9	8	0.00000001
1	Kane & DuPage Counties	0-2	8/11/2011	82.2	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/5/2011	85.8	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/9/2011	74.5	8.2	6.30957E-09
1	Kane & DuPage Counties	0-2	8/15/2011	80.1	7.9	1.25893E-08
1	Kane & DuPage Counties	0-2	8/15/2011	84.1	7.9	1.25893E-08
1	Kane & DuPage Counties	0-2	8/15/2011	84.7	7.9	1.25893E-08
1	Kane & DuPage Counties	0-2	8/12/2011	75.7	7.5	3.16228E-08
1	Kane & DuPage Counties	0-2	8/11/2011	89.2	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/11/2011	86.1	8.2	6.30957E-09
1	Kane & DuPage Counties	0-2	8/12/2011	72.3	7.2	6.30957E-08
1	Kane & DuPage Counties	0-2	8/15/2011	82.5	7.9	1.25893E-08
1	Kane & DuPage Counties	0-2	8/10/2011	85.4	8.9	1.25893E-09
1	Kane & DuPage Counties	0-2	8/11/2011	77.2	7	0.00000001
1	Kane & DuPage Counties	0-2	8/11/2011	79.7	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/11/2011	82.3	7	0.00000001
1	Kane & DuPage Counties	0-2	8/11/2011	85	8.2	6.30957E-09

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

1	Kane & DuPage Counties	0-2	8/11/2011	87.5	8.1	7.94328E-09
1	Kane & DuPage Counties	0-2	8/11/2011	79.5	7.5	3.16228E-08
1	Kane & DuPage Counties	0-2	8/11/2011	87.4	8.1	7.94328E-09
1	Kane & DuPage Counties	0-2	8/11/2011	83.9	8.9	1.25893E-09
1	Kane & DuPage Counties	0-2	8/11/2011	75.6	7.1	7.94328E-08
1	Kane & DuPage Counties	0-2	8/16/2011	79.4	7.6	2.51189E-08
1	Kane & DuPage Counties	0-2	8/5/2011	78.4	8.2	6.30957E-09
1	Kane & DuPage Counties	0-2	8/5/2011	75.3	8	0.00000001
1	Kane & DuPage Counties	0-2	8/16/2011	77.4	7.5	3.16228E-08
1	Kane & DuPage Counties	0-2	8/4/2011	78.2	8.4	3.98107E-09
1	Kane & DuPage Counties	0-2	8/8/2011	78.1	8.1	7.94328E-09
1	Kane & DuPage Counties	0-2	8/5/2011	82.4	7.8	1.58489E-08
1	Kane & DuPage Counties	0-2	8/5/2011	87.1	8	0.00000001
1	Kane & DuPage Counties	0-2	8/16/2011	83.7	8.7	1.99526E-09
1	Kane & DuPage Counties	0-2	8/4/2011	77.9	8	0.00000001
1	Kane & DuPage Counties	0-2	8/8/2011	88.2	9.1	7.94328E-10
1	Kane & DuPage Counties	0-2	8/5/2011	80.9	8.4	3.98107E-09
1	Kane & DuPage Counties	0-2	8/4/2011	89.4	8.6	2.51189E-09
1	Kane & DuPage Counties	0-2	8/8/2011	77.9	7.9	1.25893E-08
1	Kane & DuPage Counties	0-2	8/5/2011	88.7	9.5	3.16228E-10
1	Kane & DuPage Counties	0-2	8/8/2011	88.1	8.1	7.94328E-09
1	Kane & DuPage Counties	0-2	8/4/2011	86.1	8.9	1.25893E-09
1	Kane & DuPage Counties	0-2	8/16/2011	82	8	0.00000001
1	Kane & DuPage Counties	0-2	8/8/2011	75.6	8.4	3.98107E-09
1	Kane & DuPage Counties	0-2	8/12/2011	80.2	7.9	1.25893E-08
1	Kane & DuPage Counties	2-4	8/4/2011	83.2	8.4	3.98107E-09
1	Kane & DuPage Counties	2-4	8/5/2011	82.8	8.6	2.51189E-09
1	Kane & DuPage Counties	2-4	8/11/2011	78.4	7.6	2.51189E-08
1	Kane & DuPage Counties	2-4	8/5/2011	74.9	8.3	5.01187E-09
1	Kane & DuPage Counties	2-4	8/5/2011	83.7	8.5	3.16228E-09
1	Kane & DuPage Counties	2-4	8/11/2011	79.3	8	0.00000001
1	Kane & DuPage Counties	2-4	8/11/2011	76.8	8	0.00000001
1	Kane & DuPage Counties	2-4	8/5/2011	82.3	8	0.00000001
1	Kane & DuPage Counties	2-4	8/11/2011	88.6	7.4	3.98107E-08
1	Kane & DuPage Counties	2-4	8/12/2011	75.9	7.3	5.01187E-08
1	Kane & DuPage Counties	2-4	8/15/2011	86.3	8.6	2.51189E-09
1	Kane & DuPage Counties	2-4	8/4/2011	90.1	8.9	1.25893E-09
1	Kane & DuPage Counties	2-4	8/4/2011	87.5	8.6	2.51189E-09
1	Kane & DuPage Counties	2-4	8/12/2011	76.7	7	0.00000001
1	Kane & DuPage Counties	2-4	8/15/2011	82	7.8	1.58489E-08
1	Kane & DuPage Counties	2-4	8/11/2011	76.8	7.2	6.30957E-08
1	Kane & DuPage Counties	2-4	8/10/2011	81	7.6	2.51189E-08
1	Kane & DuPage Counties	2-4	8/9/2011	86.4	8.7	1.99526E-09

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

1	Kane & DuPage Counties	2-4	8/9/2011	77.1	7.8	1.58489E-08
1	Kane & DuPage Counties	2-4	8/9/2011	79.8	8	0.00000001
1	Kane & DuPage Counties	2-4	8/9/2011	87.6	8.5	3.16228E-09
1	Kane & DuPage Counties	2-4	8/9/2011	89.1	8.5	3.16228E-09
1	Kane & DuPage Counties	2-4	8/8/2011	77	7.7	1.99526E-08
1	Kane & DuPage Counties	2-4	8/9/2011	85.4	8	0.00000001
1	Kane & DuPage Counties	2-4	8/9/2011	85.4	8	0.00000001
1	Kane & DuPage Counties	2-4	8/15/2011	73.5	7.2	6.30957E-08
1	Kane & DuPage Counties	2-4	8/10/2011	89	8.6	2.51189E-09
1	Kane & DuPage Counties	2-4	8/5/2011	81.6	7.5	3.16228E-08
1	Kane & DuPage Counties	2-4	8/16/2011	78.3	6.4	3.98107E-07
1	Kane & DuPage Counties	2-4	8/16/2011	88.3	8.7	1.99526E-09
1	Kane & DuPage Counties	2-4	8/5/2011	76.4	7.9	1.25893E-08
1	Kane & DuPage Counties	2-4	8/10/2011	79	8.4	3.98107E-09
1	Kane & DuPage Counties	2-4	8/16/2011	80.4	7.1	7.94328E-08
1	Kane & DuPage Counties	2-4	8/8/2011	73.4	8.8	1.58489E-09
1	Kane & DuPage Counties	2-4	8/16/2011	80.3	7.4	3.98107E-08
1	Kane & DuPage Counties	2-4	8/15/2011	80.6	8.2	6.30957E-09
1	Kane & DuPage Counties	2-4	8/8/2011	77.8	8.2	6.30957E-09
1	Kane & DuPage Counties	2-4	8/9/2011	84.4	8.1	7.94328E-09
1	Kane & DuPage Counties	2-4	8/10/2011	89.9	9.7	1.99526E-10
1	Kane & DuPage Counties	2-4	8/16/2011	79.1	8.1	7.94328E-09
1	Kane & DuPage Counties	2-4	8/10/2011	87.4	8	0.00000001
1	Kane & DuPage Counties	4-6	8/16/2011	88.6	8.3	5.01187E-09
1	Kane & DuPage Counties	4-6	8/15/2011	84	8.2	6.30957E-09
1	Kane & DuPage Counties	4-6	8/16/2011	93	8.6	2.51189E-09
1	Kane & DuPage Counties	4-6	8/15/2011	88.2	8.2	6.30957E-09
1	Kane & DuPage Counties	4-6	8/15/2011	79.2	7.8	1.58489E-08
1	Kane & DuPage Counties	4-6	8/16/2011	86.8	8.7	1.99526E-09
1	Kane & DuPage Counties	4-6	8/15/2011	87.7	7.8	1.58489E-08
1	Kane & DuPage Counties	4-6	8/8/2011	83.8	8.4	3.98107E-09
1	Kane & DuPage Counties	4-6	8/9/2011	86.7	8.4	3.98107E-09
1	Kane & DuPage Counties	4-6	8/8/2011	86.1	7.4	3.98107E-08
1	Kane & DuPage Counties	4-6	8/8/2011	87.1	8	0.00000001
1	Kane & DuPage Counties	4-6	8/9/2011	87.8	8.4	3.98107E-09
1	Kane & DuPage Counties	4-6	8/8/2011	78.3	7.3	5.01187E-08
1	Kane & DuPage Counties	4-6	8/10/2011	87	8.1	7.94328E-09
1	Kane & DuPage Counties	4-6	8/11/2011	83.8	7.6	2.51189E-08
1	Kane & DuPage Counties	4-6	8/11/2011	85.6	6.5	3.16228E-07
1	Kane & DuPage Counties	4-6	8/12/2011	86.2	7.9	1.25893E-08
1	Kane & DuPage Counties	4-6	8/12/2011	86.3	7.9	1.25893E-08
1	Kane & DuPage Counties	4-6	8/15/2011	85.7	7.7	1.99526E-08
1	Kane & DuPage Counties	6-8	8/8/2011	86.8	8.3	5.01187E-09

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

1	Kane & DuPage Counties	6-8	8/8/2011	77.4	8.4	3.98107E-09
1	Kane & DuPage Counties	6-8	8/15/2011	85.5	8	0.00000001
1	Kane & DuPage Counties	6-8	8/10/2011	85.7	8.4	3.98107E-09
1	Kane & DuPage Counties	10-12	8/8/2011	85.4	8.2	6.30957E-09
1	Kane & DuPage Counties	10-12	8/10/2011	88.4	8	0.00000001
1	Kane & DuPage Counties	10-12	8/10/2011	84	8.3	5.01187E-09
1	Kane & DuPage Counties	10-12	8/10/2011	83.8	8.3	5.01187E-09
1	Kane & DuPage Counties	12-14	8/16/2011	89.5	8.5	3.16228E-09
1	Kane & DuPage Counties	12-14	8/16/2011	90.3	8.4	3.98107E-09
1	Kane & DuPage Counties	12-14	8/11/2011	84.2	8.1	7.94328E-09
1	Kane & DuPage Counties	14-16	8/5/2011	87	8.5	3.16228E-09
1	Kane & DuPage Counties	14-16	8/5/2011	88	8.4	3.98107E-09
1	Kane & DuPage Counties	14-16	8/9/2011	85.6	8.2	6.30957E-09
1	Kane & DuPage Counties	14-16	8/8/2011	87.7	8.1	7.94328E-09
1	Kane & DuPage Counties	14-16	8/8/2011	88.2	8.3	5.01187E-09

Soil pH
Kankakee County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
259	5.68	8.97	0.5341	7.6175	6.48531E-08	7.188

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Kankakee County	0-4	10/5/2011	86	7.13	7.4131E-08
3	Kankakee County	0-4	10/5/2011	92	8.15	7.07946E-09
3	Kankakee County	0-5	10/14/2010	83	7.91	1.23027E-08
3	Kankakee County	0-5	10/14/2010	83	7.63	2.34423E-08
3	Kankakee County	0-4	10/5/2011	90	6.94	1.14815E-07
3	Kankakee County	0-4	10/5/2011	93	6.92	1.20226E-07
3	Kankakee County	0-4	10/5/2011	91	6.83	1.47911E-07
3	Kankakee County	0-4	10/5/2011	93	6.64	2.29087E-07
3	Kankakee County	0-4	10/5/2011	88	6.77	1.69824E-07
3	Kankakee County	0-4	10/5/2011	87	5.73	1.86209E-06
3	Kankakee County	0-5	10/14/2010	82	7.84	1.44544E-08
3	Kankakee County	0-5	10/14/2010	82	7.18	6.60693E-08
3	Kankakee County	0-5	10/14/2010	83	7.65	2.23872E-08
3	Kankakee County	0-5	10/14/2010	82	8.13	7.4131E-09
3	Kankakee County	0-5	10/14/2010	82	7.7	1.99526E-08
3	Kankakee County	0-5	10/14/2010	87	7.75	1.77828E-08
3	Kankakee County	0-5	10/14/2010	82	7.7	1.99526E-08
3	Kankakee County	0-5	10/15/2010	85	7.79	1.62181E-08
3	Kankakee County	0-5	10/14/2010	83	7.87	1.34896E-08
3	Kankakee County	0-5	10/14/2010	82	7.82	1.51356E-08
3	Kankakee County	0-5	10/14/2010	83	7.58	2.63027E-08
3	Kankakee County	0-5	10/14/2010	82	7.71	1.94984E-08
3	Kankakee County	0-5	10/14/2010	83	7.37	4.2658E-08
3	Kankakee County	0-5	10/15/2010	87	7.92	1.20226E-08
3	Kankakee County	0-5	10/15/2010	88	7.71	1.94984E-08
3	Kankakee County	0-5	10/15/2010	86	7.81	1.54882E-08
3	Kankakee County	0-5	10/15/2010	85	7.24	5.7544E-08
3	Kankakee County	0-5.5	10/5/2011	89	7.72	1.90546E-08
3	Kankakee County	0-5.5	10/5/2011	87	7.52	3.01995E-08
3	Kankakee County	0-5.5	10/5/2011	89	7.92	1.20226E-08
3	Kankakee County	0-5.5	10/5/2011	89	7.11	7.76247E-08
3	Kankakee County	0-5.5	10/5/2011	89	7.15	7.07946E-08
3	Kankakee County	0-5.5	10/5/2011	90	7.27	5.37032E-08
3	Kankakee County	0-5	10/15/2010	86	7.84	1.44544E-08
3	Kankakee County	0-5	10/15/2010	86	7.58	2.63027E-08

Multiple county projects are not included in the County evaluations.

Andrews Engineering, Inc.

Soil pH

Kankakee County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
3	Kankakee County	0-5	10/15/2010	87	7.81	1.54882E-08
3	Kankakee County	0-5	10/15/2010	86	7.77	1.69824E-08
3	Kankakee County	0-5	10/15/2010	84	7.67	2.13796E-08
3	Kankakee County	0-5	10/15/2010	86	7.9	1.25893E-08
3	Kankakee County	0-5	10/15/2010	86	7.81	1.54882E-08
3	Kankakee County	0-5	10/15/2010	85	7.36	4.36516E-08
3	Kankakee County	0-6	10/15/2010	84	7.5	3.16228E-08
3	Kankakee County	0-6	10/15/2010	86	7.84	1.44544E-08
3	Kankakee County	0-6	10/15/2010	83	7.88	1.31826E-08
3	Kankakee County	0-6	10/15/2010	83	7.92	1.20226E-08
3	Kankakee County	0-6	10/15/2010	85	7.78	1.65959E-08
3	Kankakee County	0-6	10/18/2010	86	7.78	1.65959E-08
3	Kankakee County	0-6	10/15/2010	84	7.64	2.29087E-08
3	Kankakee County	0-4	10/6/2011	93	8.97	1.07152E-09
3	Kankakee County	0-4	10/6/2011	94	7.95	1.12202E-08
3	Kankakee County	0-2	10/18/2010	93	7.8	1.58489E-08
3	Kankakee County	0-2	10/18/2010	89	8.39	4.0738E-09
3	Kankakee County	0-2	10/18/2010	83	7.86	1.38038E-08
3	Kankakee County	0-2	10/18/2010	86	8.05	8.91251E-09
3	Kankakee County	0-2	10/18/2010	95	7.59	2.5704E-08
3	Kankakee County	0-2	10/18/2010	81	7.99	1.02329E-08
3	Kankakee County	0-2	10/18/2010	85	8.17	6.76083E-09
3	Kankakee County	0-2	10/18/2010	85	8.15	7.07946E-09
3	Kankakee County	0-2	10/18/2010	92	7.66	2.18776E-08
3	Kankakee County	0-2	10/18/2010	90	7.79	1.62181E-08
3	Kankakee County	0-4	10/6/2011	82	7.27	5.37032E-08
3	Kankakee County	4-6.7	10/6/2011	84	7.04	9.12011E-08
3	Kankakee County	0-4	10/6/2011	86	7.97	1.07152E-08
3	Kankakee County	0-3	10/6/2011	84	8.04	9.12011E-09
3	Kankakee County	0-4	10/6/2011	85	7.37	4.2658E-08
3	Kankakee County	0-3	10/6/2011	84	7.43	3.71535E-08
3	Kankakee County	0-4	10/6/2011	82	7.53	2.95121E-08
3	Kankakee County	0-3.5	10/6/2011	85	7.79	1.62181E-08
3	Kankakee County	0-3.5	10/6/2011	80	7.84	1.44544E-08
3	Kankakee County	0-4	10/6/2011	89	7.38	4.16869E-08
3	Kankakee County	0-4	10/6/2011	80	6.94	1.14815E-07
3	Kankakee County	0-2	10/6/2011	95	7.04	9.12011E-08
3	Kankakee County	0-2	10/6/2011	91	6.69	2.04174E-07
3	Kankakee County	0-2	10/6/2011	94	7.44	3.63078E-08
3	Kankakee County	0-4	10/7/2011	83	7.47	3.38844E-08
3	Kankakee County	0-6	10/7/2011	83	7.79	1.62181E-08

Multiple county projects are not included in the County evaluations.

Soil pH

Kankakee County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
3	Kankakee County	0-6	10/7/2011	82	7.77	1.69824E-08
3	Kankakee County	0-6	10/7/2011	83	7.18	6.60693E-08
3	Kankakee County	0-6	10/7/2011	76	7.19	6.45654E-08
3	Kankakee County	0-6	10/7/2011	77	6.98	1.04713E-07
3	Kankakee County	0-4	10/7/2011	83	7.3	5.01187E-08
3	Kankakee County	0-4.6	10/7/2011	82	7.54	2.88403E-08
3	Kankakee County	0-2.8	10/7/2011	72	7.08	8.31764E-08
3	Kankakee County	0-4.8	10/7/2011	80	7.36	4.36516E-08
3	Kankakee County	0-2.8	10/7/2011	75	7.05	8.91251E-08
3	Kankakee County	0-6	10/7/2011	87	7.59	2.5704E-08
3	Kankakee County	0-4	10/7/2011	85	7.22	6.0256E-08
3	Kankakee County	0-4	10/6/2011	89	7.41	3.89045E-08
3	Kankakee County	0-6	10/7/2011	85	6.78	1.65959E-07
3	Kankakee County	0-6	10/7/2011	81	6.95	1.12202E-07
3	Kankakee County	0-6	10/7/2011	89	6.32	4.7863E-07
3	Kankakee County	0-2.7	10/7/2011	77	7.53	2.95121E-08
3	Kankakee County	0-6	10/7/2011	86	6.9	1.25893E-07
3	Kankakee County	0-6	10/7/2011	80	7.38	4.16869E-08
3	Kankakee County	0-6	10/7/2011	81	7.67	2.13796E-08
3	Kankakee County	0-4	10/10/2011	70	7.37	4.2658E-08
3	Kankakee County	0-3	10/10/2011	87	7.2	6.30957E-08
3	Kankakee County	0-1.5	10/10/2011	88	7.66	2.18776E-08
3	Kankakee County	0-3	10/10/2011	90	7.39	4.0738E-08
3	Kankakee County	0-3	10/10/2011	84	7.23	5.88844E-08
3	Kankakee County	0-4	10/10/2011	88	7.42	3.80189E-08
3	Kankakee County	0-3	10/10/2011	86	7.04	9.12011E-08
3	Kankakee County	0-4	10/10/2011	84	6.98	1.04713E-07
3	Kankakee County	0-4	10/10/2011	83	7.08	8.31764E-08
3	Kankakee County	0-3	10/10/2011	84	7.46	3.46737E-08
3	Kankakee County	0-3	10/10/2011	90	7.45	3.54813E-08
3	Kankakee County	0-2	10/10/2011	86	7.36	4.36516E-08
3	Kankakee County	0-2	10/10/2011	88	7.78	1.65959E-08
3	Kankakee County	0-3.5	10/10/2011	86	7.32	4.7863E-08
3	Kankakee County	0-3.5	10/10/2011	87	7.33	4.67735E-08
3	Kankakee County	0-3.5	10/10/2011	85	7.7	1.99526E-08
3	Kankakee County	0-3.5	10/10/2011	87	7.78	1.65959E-08
3	Kankakee County	0-3.5	10/10/2011	85	7.47	3.38844E-08
3	Kankakee County	0-3.5	10/7/2011	84	7.35	4.46684E-08
3	Kankakee County	0-3.5	10/10/2011	86	7.34	4.57088E-08
3	Kankakee County	0-3.5	10/7/2011	88	8.18	6.60693E-09
3	Kankakee County	0-3.5	10/10/2011	86	6.85	1.41254E-07

Multiple county projects are not included in the County evaluations.

Soil pH

Kankakee County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
3	Kankakee County	0-3.5	10/10/2011	86	7.34	4.57088E-08
3	Kankakee County	0-3.5	10/10/2011	85	7.66	2.18776E-08
3	Kankakee County	0-3.5	10/10/2011	87	7.74	1.8197E-08
3	Kankakee County	0-3.5	10/10/2011	83	7.04	9.12011E-08
3	Kankakee County	0-3.5	10/10/2011	88	6.92	1.20226E-07
3	Kankakee County	0-2.5	10/10/2011	84	7.14	7.24436E-08
3	Kankakee County	0-2.5	10/10/2011	87	7.29	5.12861E-08
3	Kankakee County	0-2.5	10/10/2011	87	7.71	1.94984E-08
3	Kankakee County	0-2.5	10/10/2011	84	7.26	5.49541E-08
3	Kankakee County	0-2.5	10/10/2011	82	7.48	3.31131E-08
3	Kankakee County	0-3.5	10/11/2011	84	7.51	3.0903E-08
3	Kankakee County	0-3.5	10/11/2011	81	6.91	1.23027E-07
3	Kankakee County	0-3.5	10/11/2011	83	7.01	9.77237E-08
3	Kankakee County	0-3.5	10/11/2011	83	7.01	9.77237E-08
3	Kankakee County	0-3.5	10/11/2011	82	7.57	2.69153E-08
3	Kankakee County	0-2.5	10/11/2011	86	7.38	4.16869E-08
3	Kankakee County	0-3.5	10/11/2011	88	7.33	4.67735E-08
3	Kankakee County	0-3.5	10/11/2011	83	6.94	1.14815E-07
3	Kankakee County	0-3.5	10/11/2011	87	6.15	7.07946E-07
3	Kankakee County	0-3.5	10/11/2011	88	7.49	3.23594E-08
3	Kankakee County	0-3.5	10/11/2011	85	7.01	9.77237E-08
3	Kankakee County	0-3	10/11/2011	82	7.82	1.51356E-08
3	Kankakee County	0-3	10/11/2011	89	7.51	3.0903E-08
3	Kankakee County	0-3	10/11/2011	87	7.61	2.45471E-08
3	Kankakee County	0-3	10/11/2011	84	8.17	6.76083E-09
3	Kankakee County	0-3	10/11/2011	84	7.85	1.41254E-08
3	Kankakee County	0-3	10/11/2011	84	7.61	2.45471E-08
3	Kankakee County	0-3	10/11/2011	89	8.01	9.77237E-09
3	Kankakee County	0-3	10/11/2011	81	7.52	3.01995E-08
3	Kankakee County	0-3	10/11/2011	87	7	0.0000001
3	Kankakee County	0-3	10/11/2011	87	7.05	8.91251E-08
3	Kankakee County	0-3	10/11/2011	87	7.58	2.63027E-08
3	Kankakee County	0-3	10/11/2011	87	7.15	7.07946E-08
3	Kankakee County	0-3	10/11/2011	88	6.92	1.20226E-07
3	Kankakee County	0-3	10/11/2011	86	7.01	9.77237E-08
3	Kankakee County	0-3	10/11/2011	86	7.4	3.98107E-08
3	Kankakee County	0-3	10/11/2011	83	7.41	3.89045E-08
3	Kankakee County	0-3	10/11/2011	88	8	0.00000001
3	Kankakee County	0-3	10/11/2011	83	7.47	3.38844E-08
3	Kankakee County	0-3	10/11/2011	91	8.18	6.60693E-09
3	Kankakee County	0-3	10/11/2011	80	7.37	4.2658E-08

Multiple county projects are not included in the County evaluations.

Soil pH

Kankakee County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Kankakee County	0-3	10/11/2011	76	7.63	2.34423E-08
3	Kankakee County	0-3	10/11/2011	81	7.2	6.30957E-08
3	Kankakee County	0-3	10/11/2011	84	6.66	2.18776E-07
3	Kankakee County	0-3	10/11/2011	84	7.34	4.57088E-08
3	Kankakee County	0-3	10/11/2011	91	7.76	1.7378E-08
3	Kankakee County	0-3	10/11/2011	82	7.63	2.34423E-08
3	Kankakee County	0-3	10/11/2011	83	7.58	2.63027E-08
3	Kankakee County	0-3	10/11/2011	88	6.61	2.45471E-07
3	Kankakee County	0-3	10/11/2011	83	8.19	6.45654E-09

Soil pH
Kendall County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
324	4.93	10.4	0.7057	7.9331	1.33711E-07	6.874

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Kendall County	0-6	11/29/2011	81	7.96	1.09648E-08
3	Kendall County	0-4	11/29/2011	85	7.57	2.69153E-08
3	Kendall County	4-8	11/29/2011	90	8.09	8.12831E-09
3	Kendall County	8-12	11/29/2011	93	8.55	2.81838E-09
3	Kendall County	12-17	11/29/2011	93	8.53	2.95121E-09
3	Kendall County	0-5	11/29/2011	88	7.61	2.45471E-08
3	Kendall County	0-5	11/29/2011	89	7.51	3.0903E-08
3	Kendall County	0-6	11/29/2011	82	7.71	1.94984E-08
3	Kendall County	2-5	11/29/2011	85	7.69	2.04174E-08
3	Kendall County	0-5	11/29/2011	87	8.08	8.31764E-09
3	Kendall County	0-5	11/29/2011	77	7.99	1.02329E-08
3	Kendall County	0-5	11/29/2011	82	7.33	4.67735E-08
3	Kendall County	0-5	11/29/2011	80	7.75	1.77828E-08
3	Kendall County	0-5	11/29/2011	78	6.45	3.54813E-07
3	Kendall County	0-5	11/29/2011	80	7.38	4.16869E-08
3	Kendall County	5-9.5	11/29/2011	82	7.68	2.0893E-08
3	Kendall County	0-5	11/29/2011	78	6.98	1.04713E-07
3	Kendall County	5-9.5	11/29/2011	94	8.22	6.0256E-09
3	Kendall County	5-9.5	11/29/2011	91	8.3	5.01187E-09
3	Kendall County	5-9.5	11/29/2011	93	8.32	4.7863E-09
3	Kendall County	5-9.5	11/29/2011	93	7.97	1.07152E-08
3	Kendall County	0-5	11/29/2011	76	7.03	9.33254E-08
3	Kendall County	0-5	11/29/2011	76	6.99	1.02329E-07
3	Kendall County	5-9.5	11/29/2011	83	7.92	1.20226E-08
3	Kendall County	0-5	11/29/2011	78	7.12	7.58578E-08
3	Kendall County	5-9.5	11/29/2011	94	8.41	3.89045E-09
3	Kendall County	0-5	11/29/2011	80	7.55	2.81838E-08
3	Kendall County	0-5	11/29/2011	71	7.83	1.47911E-08
3	Kendall County	0-4	11/30/2011	81	7.09	8.12831E-08
3	Kendall County	0-5	11/30/2011	80	7.27	5.37032E-08
3	Kendall County	5-9.5	11/30/2011	92	8.59	2.5704E-09
3	Kendall County	0-4	11/30/2011	80	7.15	7.07946E-08
3	Kendall County	4-7	11/30/2011	90	8.46	3.46737E-09
3	Kendall County	0-4	11/30/2011	80	8.02	9.54993E-09
3	Kendall County	4-7	11/30/2011	80	7.87	1.34896E-08
3	Kendall County	0-4	11/30/2011	77	7.38	4.16869E-08
3	Kendall County	4-7	11/30/2011	93	7.7	1.99526E-08
3	Kendall County	0-5	11/30/2011	79	7.95	1.12202E-08
3	Kendall County	5-9.5	11/30/2011	82	7.96	1.09648E-08
3	Kendall County	0-5	11/30/2011	83	7.71	1.94984E-08
3	Kendall County	5-9.5	11/30/2011	91	8.27	5.37032E-09
3	Kendall County	0-4	11/30/2011	83	7.92	1.20226E-08
3	Kendall County	0-3	11/30/2011	79	7.56	2.75423E-08
3	Kendall County	0-3	11/30/2011	75	7.35	4.46684E-08
3	Kendall County	0-3	11/30/2011	81	7.46	3.46737E-08

Soil pH
Kendall County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Kendall County	0-3	11/30/2011	75	7.3	5.01187E-08
3	Kendall County	0-4	11/30/2011	83	7.44	3.63078E-08
3	Kendall County	0-3	11/30/2011	80	7.55	2.81838E-08
3	Kendall County	0-4	11/30/2011	92	8.66	2.18776E-09
3	Kendall County	4-8	11/30/2011	82	8.42	3.80189E-09
3	Kendall County	8-12	11/30/2011	88	8.41	3.89045E-09
3	Kendall County	12-17	11/30/2011	84	8.43	3.71535E-09
3	Kendall County	0-4	11/30/2011	87	7.69	2.04174E-08
3	Kendall County	0-4	11/30/2011	82	7.51	3.0903E-08
3	Kendall County	0-3	11/30/2011	80	7.54	2.88403E-08
3	Kendall County	0-3	11/30/2011	79	7.67	2.13796E-08
3	Kendall County	0-3	11/30/2011	85	8.9	1.25893E-09
3	Kendall County	0-3	11/30/2011	77	7.48	3.31131E-08
3	Kendall County	0-3	11/30/2011	78	7.61	2.45471E-08
3	Kendall County	0-3	11/30/2011	78	7.44	3.63078E-08
3	Kendall County	0-4	11/30/2011	81	7.6	2.51189E-08
3	Kendall County	0-3	11/30/2011	78	7.25	5.62341E-08
3	Kendall County	0-4	12/1/2011	84	8.28	5.24807E-09
3	Kendall County	0-4	12/1/2011	77	8.23	5.88844E-09
3	Kendall County	0-4	12/1/2011	85	8.49	3.23594E-09
3	Kendall County	0-2	12/1/2011	78	7.58	2.63027E-08
3	Kendall County	0-2	12/1/2011	78	7.72	1.90546E-08
3	Kendall County	0-2	12/1/2011	79	6.49	3.23594E-07
3	Kendall County	0-2	12/1/2011	78	7.1	7.94328E-08
3	Kendall County	12-17	12/1/2011	87	8.35	4.46684E-09
3	Kendall County	8-12	12/1/2011	88	8.52	3.01995E-09
3	Kendall County	0-4	12/1/2011	87	8.87	1.34896E-09
3	Kendall County	0-4	12/1/2011	78	7.54	2.88403E-08
3	Kendall County	4-8	12/1/2011	86	8.45	3.54813E-09
3	Kendall County	0-4.5	12/1/2011	78	8.42	3.80189E-09
3	Kendall County	0-4.5	12/1/2011	88	7.71	1.94984E-08
3	Kendall County	0-4.5	12/1/2011	85	7.99	1.02329E-08
3	Kendall County	0-4.5	12/1/2011	77	7.75	1.77828E-08
3	Kendall County	0-4.5	12/1/2011	78	6.45	3.54813E-07
3	Kendall County	0-4.5	12/1/2011	79	7.52	3.01995E-08
3	Kendall County	0-4.5	12/1/2011	78	7.07	8.51138E-08
3	Kendall County	0-4.5	12/1/2011	86	8.36	4.36516E-09
3	Kendall County	0-4.5	12/1/2011	78	7.17	6.76083E-08
3	Kendall County	0-4.5	12/1/2011	79	6.64	2.29087E-07
3	Kendall County	0-4.5	12/1/2011	79	5.59	2.5704E-06
3	Kendall County	0-4.5	12/1/2011	78	7.47	3.38844E-08
3	Kendall County	0-4.5	12/1/2011	78	6.95	1.12202E-07
3	Kendall County	0-4.5	12/1/2011	79	7.44	3.63078E-08
3	Kendall County	0-4.5	12/1/2011	77	6.8	1.58489E-07
3	Kendall County	0-4.5	12/1/2011	79	7.46	3.46737E-08
3	Kendall County	0-4.5	12/1/2011	78	7.52	3.01995E-08
3	Kendall County	0-4.5	12/1/2011	81	7.14	7.24436E-08
3	Kendall County	0-5	12/2/2011	87	8.1	7.94328E-09
3	Kendall County	0-5	12/2/2011	79	7.42	3.80189E-08
3	Kendall County	0-5	12/2/2011	86	8.2	6.30957E-09
3	Kendall County	0-5	12/2/2011	81	7.55	2.81838E-08

Soil pH
Kendall County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Kendall County	0-5	12/2/2011	83	7.21	6.16595E-08
3	Kendall County	0-5	12/2/2011	81	7.45	3.54813E-08
3	Kendall County	0-5	12/2/2011	80	5.61	2.45471E-06
3	Kendall County	0-5	12/2/2011	88	6.17	6.76083E-07
3	Kendall County	0-5	12/2/2011	86	5.63	2.34423E-06
3	Kendall County	0-5	12/2/2011	79	7.01	9.77237E-08
3	Kendall County	0-5	12/2/2011	82	6.83	1.47911E-07
3	Kendall County	0-5	12/2/2011	80	5.88	1.31826E-06
3	Kendall County	0-5	12/2/2011	75	7.2	6.30957E-08

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
32	5.59	8.83	0.6941	7.2766	1.74186E-07	6.759

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^(-pH)
4	Knox County	12-14	7/22/2010	84	7.4	3.98107E-08
4	Knox County	3-5	7/22/2010	81	7.41	3.89045E-08
4	Knox County	3-5	7/22/2010	81	7.2	6.30957E-08
4	Knox County	3-5	7/22/2010	82	6.98	1.04713E-07
4	Knox County	3-5	7/22/2010	83	7.16	6.91831E-08
4	Knox County	4-6	7/22/2010	81	6.69	2.04174E-07
4	Knox County	4-6	7/22/2010	82	7.46	3.46737E-08
4	Knox County	4-6	7/22/2010	80	6.85	1.41254E-07
4	Knox County	0-2	7/22/2010	80	8.83	1.47911E-09
4	Knox County	6-8	7/22/2010	79	6.85	1.41254E-07
4	Knox County	2-4	7/23/2010	78	6.41	3.89045E-07
4	Knox County	6-8	7/23/2010	80	5.59	2.5704E-06
4	Knox County	4-6	7/23/2010	83	7	0.0000001
4	Knox County	6-8	7/23/2010	85	6.63	2.34423E-07
4	Knox County	0-2	7/23/2010	82	7.04	9.12011E-08
4	Knox County	8-10	7/23/2010	86	7.16	6.91831E-08
4	Knox County	8-10	7/23/2010	84	6.8	1.58489E-07
4	Knox County	0-2	7/23/2010	86	8.27	5.37032E-09
4	Knox County	10-12	7/23/2010	81	6.48	3.31131E-07
4	Knox County	0-2	7/23/2010	81	7.28	5.24807E-08
4	Knox County	6-8	7/23/2010	81	6.66	2.18776E-07
4	Knox County	0-2	7/21/2010	82	8.39	4.0738E-09
4	Knox County	10-12	7/21/2010	76	7.66	2.18776E-08
4	Knox County	0-2	7/21/2010	81	7.98	1.04713E-08
4	Knox County	8-10	7/21/2010	70	7.69	2.04174E-08
4	Knox County	8-10	7/21/2010	71	7.53	2.95121E-08
4	Knox County	0-2	7/21/2010	81	8.54	2.88403E-09
4	Knox County	6-8	7/21/2010	76	7.28	5.24807E-08
4	Knox County	0-2	7/22/2010	84	8.09	8.12831E-09
4	Knox County	12-14	7/22/2010	87	6.56	2.75423E-07
4	Knox County	8-10	7/22/2010	82	7.12	7.58578E-08
4	Knox County	0-2	7/22/2010	86	7.86	1.38038E-08

Soil pH
Lake County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Log Mean	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
952	5.91	11	0.5291	8.1390	8.1215	1.87214E-08	7.728

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Log pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
1	Lake County	0-4	10/27/2011	81	8.46	2.13535	3.46737E-09
1	Lake County	0-4	10/27/2011	89	9.24	2.22354	5.7544E-10
1	Lake County	0-6	11/22/2010	85	8.31	2.11746	4.89779E-09
1	Lake County	0-4	10/27/2011	88	9.01	2.19834	9.77237E-10
1	Lake County	0-4	10/27/2011	92	9	2.19722	0.00000001
1	Lake County	0-6	11/22/2010	84	8.26	2.11142	5.49541E-09
1	Lake County	0-6	11/22/2010	81	8.08	2.08939	8.31764E-09
1	Lake County	0-4	10/27/2011	89	8.8	2.17475	1.58489E-09
1	Lake County	0-3	11/22/2010	88	9.47	2.24813	3.38844E-10
1	Lake County	0-6	11/22/2010	84	8.05	2.08567	8.91251E-09
1	Lake County	0-6	11/22/2010	82	8.3	2.11626	5.01187E-09
1	Lake County	0-5	10/28/2011	81	7.89	2.06560	1.28825E-08
1	Lake County	0-5	10/28/2011	78	7.84	2.05924	1.44544E-08
1	Lake County	0-5	10/27/2011	87	8.57	2.14827	2.69153E-09
1	Lake County	0-5	10/27/2011	76	9.17	2.21594	6.76083E-10
1	Lake County	0-5	10/27/2011	78	8.79	2.17361	1.62181E-09
1	Lake County	0-5	10/27/2011	83	8.87	2.18267	1.34896E-09
1	Lake County	0-5	10/28/2011	85	7.82	2.05668	1.51356E-08
1	Lake County	0-3	11/22/2010	85	9.02	2.19944	9.54993E-10
1	Lake County	4-8	11/22/2010	83	8.88	2.18380	1.31826E-09
1	Lake County	0-4	11/22/2010	83	8.91	2.18717	1.23027E-09
1	Lake County	4-8	11/22/2010	87	8.43	2.13180	3.71535E-09
1	Lake County	0-4	11/22/2010	85	8.36	2.12346	4.36516E-09
1	Lake County	4-9	11/22/2010	79	7.65	2.03471	2.23872E-08
1	Lake County	0-3	11/22/2010	87	8.19	2.10291	6.45654E-09
1	Lake County	0-3	11/22/2010	84	7.95	2.07317	1.12202E-08
1	Lake County	0-3	11/22/2010	85	8.17	2.10047	6.76083E-09
1	Lake County	0-3	11/22/2010	85	7.62	2.03078	2.39883E-08
1	Lake County	0-3	11/22/2010	84	7.28	1.98513	5.24807E-08
1	Lake County	0-3	11/22/2010	89	7.85	2.06051	1.41254E-08
1	Lake County	0-4	11/22/2010	81	7.57	2.02419	2.69153E-08
1	Lake County	4-6	11/22/2010	79	8.06	2.08691	8.70964E-09
1	Lake County	0-4	11/22/2010	86	9.1	2.20827	7.94328E-10
1	Lake County	0-3	11/22/2010	85	7.54	2.02022	2.88403E-08
1	Lake County	0-5	10/27/2011	85	8.1	2.09186	7.94328E-09
1	Lake County	0-5	10/27/2011	85	7.73	2.04511	1.86209E-08
1	Lake County	0-5	10/27/2011	88	8.65	2.15756	2.23872E-09
1	Lake County	0-5	10/27/2011	86	8.08	2.08939	8.31764E-09
1	Lake County	0-5	10/27/2011	85	8.18	2.10169	6.60693E-09
1	Lake County	0-5	10/27/2011	86	7.92	2.06939	1.20226E-08
1	Lake County	0-5	10/27/2011	85	8.1	2.09186	7.94328E-09
1	Lake County	0-5	10/27/2011	84	7.85	2.06051	1.41254E-08
1	Lake County	0-5	10/27/2011	78	7.65	2.03471	2.23872E-08
1	Lake County	0-5	10/27/2011	79	8.1	2.09186	7.94328E-09
1	Lake County	0-5	10/27/2011	85	8.03	2.08318	9.33254E-09
1	Lake County	4-7	10/27/2011	84	7.71	2.04252	1.94984E-08
1	Lake County	0-4	10/27/2011	82	7.7	2.04122	1.99526E-08
1	Lake County	4-7	10/27/2011	77	7.79	2.05284	1.62181E-08
1	Lake County	0-4	10/27/2011	86	8	2.07944	0.00000001
1	Lake County	0-5	10/27/2011	74	7.7	2.04122	1.99526E-08

Soil pH
Lake County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Log pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Lake County	0-5	10/27/2011	85	7.91	2.06813	1.23027E-08
1	Lake County	0-5	10/27/2011	84	8.26	2.11142	5.49541E-09
1	Lake County	0-5	10/27/2011	81	8.03	2.08318	9.33254E-09
1	Lake County	0-4	10/28/2011	84	8.09	2.09063	8.12831E-09
1	Lake County	4-8	10/28/2011	84	8.17	2.10047	6.76083E-09
1	Lake County	0-4	10/28/2011	87	7.88	2.06433	1.31826E-08
1	Lake County	0-4	10/28/2011	87	8.07	2.08815	8.51138E-09
1	Lake County	0-3	10/27/2011	83	8.17	2.10047	6.76083E-09
1	Lake County	0-4	10/28/2011	87	8.16	2.09924	6.91831E-09
1	Lake County	0-2	10/28/2011	80	7.65	2.03471	2.23872E-08
1	Lake County	0-4	10/27/2011	84	8.17	2.10047	6.76083E-09
1	Lake County	0-5	10/28/2011	86	7.97	2.07568	1.07152E-08
1	Lake County	0-4	10/27/2011	83	8.18	2.10169	6.60693E-09
1	Lake County	0-3	10/27/2011	79	7.55	2.02155	2.81838E-08
1	Lake County	8-12	10/27/2011	85	8.12	2.09433	7.58578E-09
1	Lake County	4-8	10/27/2011	80	8.35	2.12226	4.46684E-09
1	Lake County	0-4	10/27/2011	84	7.84	2.05924	1.44544E-08
1	Lake County	0-4	10/28/2011	84	8.27	2.11263	5.37032E-09
1	Lake County	0-5	10/28/2011	76	7.66	2.03601	2.18776E-08
1	Lake County	0-5	10/28/2011	80	7.93	2.07065	1.1749E-08
1	Lake County	0-5	10/28/2011	87	8.01	2.08069	9.77237E-09
1	Lake County	0-5	10/28/2011	83	7.69	2.03992	2.04174E-08
1	Lake County	0-5	10/28/2011	86	8.05	2.08567	8.91251E-09
1	Lake County	0-5	10/28/2011	80	6.76	1.91102	1.7378E-07
1	Lake County	0-5	10/28/2011	80	6.42	1.85942	3.80189E-07
1	Lake County	0-4	10/28/2011	85	7.95	2.07317	1.12202E-08
1	Lake County	0-4	10/28/2011	77	7.73	2.04511	1.86209E-08
1	Lake County	0-4	10/28/2011	82	8.17	2.10047	6.76083E-09
1	Lake County	0-6	12/19/2011	86	8.39	2.12704	4.0738E-09
1	Lake County	0-6	12/19/2011	87	8	2.07944	0.00000001
1	Lake County	0-5	12/19/2011	87	8.1	2.09186	7.94328E-09

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
21	6.4	9	0.7337	7.7333	1.99724E-08	7.700

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^(-pH)
3	La Salle County	0-2	12/1/2005	91.8	9	0.000000001
3	La Salle County	0-2	11/30/2005	93.9	7.8	1.58489E-08
3	La Salle County	0-2	11/30/2005	92.9	7.3	5.01187E-08
3	La Salle County	0-2	12/1/2005	82.4	8.3	5.01187E-09
3	La Salle County	0-2	11/30/2005	91	7.4	3.98107E-08
3	La Salle County	0-2	12/1/2005	96.6	8	0.000000001
3	La Salle County	0-2	11/30/2005	90.7	7.5	3.16228E-08
3	La Salle County	0-2	12/1/2005	96.9	8.2	6.30957E-09
3	La Salle County	0-2	11/30/2005	86.9	7.2	6.30957E-08
3	La Salle County	0-2	12/1/2005	95.6	9	0.000000001
3	La Salle County	2-4	12/1/2005	82.1	8.7	1.99526E-09
3	La Salle County	2-4	12/1/2005	87	8.6	2.51189E-09
3	La Salle County	2-4	12/1/2005	82.2	6.4	3.98107E-07
3	La Salle County	2-4	11/30/2005	89.2	7.6	2.51189E-08
3	La Salle County	2-4	11/30/2005	85	7.8	1.58489E-08
3	La Salle County	2-4	11/30/2005	97.1	8	0.000000001
3	La Salle County	2-4	11/30/2005	94.1	7.5	3.16228E-08
3	La Salle County	2-4	11/30/2005	83.6	6.8	1.58489E-07
3	La Salle County	4-6	11/30/2005	82	7.6	2.51189E-08
3	La Salle County	4-6	11/30/2005	82.7	6.5	3.16228E-07
3	La Salle County	4-6	11/30/2005	89.2	7.2	6.30957E-08
3	La Salle County	0-2	15-Apr-03	82.7	7.8	1.58489E-08
3	La Salle County	0-4	15-Apr-03	87.7	7.9	1.25893E-08
3	La Salle County	2-4	15-Apr-03	79.1	7.7	1.99526E-08
3	La Salle County	0-4	15-Apr-03	79.5	7.6	2.51189E-08
3	La Salle County	2-5	15-Apr-03	72.6	7.6	2.51189E-08
3	La Salle County	2-5	15-Apr-03	80.5	7.9	1.25893E-08
3	La Salle County	0-5	15-Apr-03	81.2	8	0.000000001
3	La Salle County	2-5	15-Apr-03	72.8	7.6	2.51189E-08
3	La Salle County	2-5	15-Apr-03	77.1	7.9	1.25893E-08
3	La Salle County	0-5	16-Apr-03	78.4	7.7	1.99526E-08
3	La Salle County	0-5	16-Apr-03	77.7	8.3	5.01187E-09
3	La Salle County	2-5	16-Apr-03	81.8	8	0.000000001

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*****PC# 32*****

3	La Salle County	0-5	16-Apr-03	83.8	7.7	1.99526E-08
3	La Salle County	0-2	14-Apr-03	84	8	0.00000001
3	La Salle County	0-3	14-Apr-03	83.3	8.1	7.94328E-09
3	La Salle County	0-3	14-Apr-03	83.7	7.7	1.99526E-08
3	La Salle County	0-3	14-Apr-03	89.5	7.8	1.58489E-08
3	La Salle County	0-3	14-Apr-03	89.4	7.8	1.58489E-08
3	La Salle County	0-2	14-Apr-03	80.8	7.8	1.58489E-08
3	La Salle County	0-3	14-Apr-03	87.6	7.9	1.25893E-08
3	La Salle County	0-3	14-Apr-03	83.1	8.3	5.01187E-09
3	La Salle County	0-3	14-Apr-03	75.7	7.8	1.58489E-08
3	La Salle County	0-3	14-Apr-03	77.2	7.8	1.58489E-08
3	La Salle County	0-3	14-Apr-03	76.8	7.9	1.25893E-08
3	La Salle County	0-5	17-Apr-03	79.1	8	0.00000001
3	La Salle County	2-5	17-Apr-03	77.3	7.4	3.98107E-08
3	La Salle County	0-5	17-Apr-03	74.2	8.1	7.94328E-09
3	La Salle County	0-4	17-Apr-03	77.8	7.3	5.01187E-08
3	La Salle County	0-2	17-Apr-03	77.5	7.6	2.51189E-08
3	La Salle County	2-4	17-Apr-03	77	7.2	6.30957E-08
3	La Salle County	2-5	16-Apr-03	80.2	7.6	2.51189E-08
3	La Salle County	0-5	16-Apr-03	79.5	7.6	2.51189E-08
3	La Salle County	0-4	16-Apr-03	81.7	7.6	2.51189E-08
3	La Salle County	0-5	17-Apr-03	79.5	7.8	1.58489E-08
3	La Salle County	0-2	17-Apr-03	82.4	7.6	2.51189E-08
3	La Salle County	2-5	17-Apr-03	76	7.3	5.01187E-08
3	La Salle County	1-2	01-Nov-04	85.6	8.3	5.01187E-09
3	La Salle County	1-2	02-Nov-04	84.8	8.4	3.98107E-09
3	La Salle County	1-2	02-Nov-04	81.1	8.4	3.98107E-09
3	La Salle County	1-2	02-Nov-04	81.1	7.7	1.99526E-08
3	La Salle County	1-2	02-Nov-04	80.6	7.3	5.01187E-08
3	La Salle County	1-2	02-Nov-04	84.8	8.2	6.30957E-09
3	La Salle County	0.5-1.5	01-Nov-04	90.5	9.1	7.94328E-10
3	La Salle County	0.5-1.5	01-Nov-04	82.6	9.8	1.58489E-10
3	La Salle County	0.5-1.5	01-Nov-04	79.6	8.2	6.30957E-09
3	La Salle County	0.5-1.5	01-Nov-04	81.3	8.3	5.01187E-09
3	La Salle County	0.5-1.5	01-Nov-04	78.7	7.6	2.51189E-08
3	La Salle County	0.5-1.5	01-Nov-04	76.2	7.7	1.99526E-08
3	La Salle County	5.9-7.9	07-Nov-05	82.9	7.7	1.99526E-08
3	La Salle County	5.9-7.9	07-Nov-05	84.6	8.6	2.51189E-09
3	La Salle County	5.9-7.9	07-Nov-05	87.6	7.8	1.58489E-08
3	La Salle County	5.9-7.9	08-Nov-05	89	7.6	2.51189E-08
3	La Salle County	3-5	08-Nov-05	96.5	8.5	3.16228E-09

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* * * * * PC# 32 * * * * *

3	La Salle County	3-5	08-Nov-05	93.6	9.2	6.30957E-10
3	La Salle County	7-9	08-Nov-05	85.2	8.2	6.30957E-09
3	La Salle County	2.1-4.1	08-Nov-05	80.6	7.9	1.25893E-08
3	La Salle County	2.1-4.1	08-Nov-05	87.8	8	0.00000001
3	La Salle County	0.2-2.2	08-Nov-05	87.7	9.4	3.98107E-10
3	La Salle County	7-9	08-Nov-05	87	8	0.00000001
3	La Salle County	0.2-2.2	08-Nov-05	93.1	8.5	3.16228E-09
3	La Salle County	0.2-2.2	08-Nov-05	92.9	8.4	3.98107E-09
3	La Salle County	4-6	08-Nov-05	84.4	8.9	1.25893E-09
3	La Salle County	5.1-7.1	07-Nov-05	80.8	8.7	1.99526E-09
3	La Salle County	5-7	08-Nov-05	77.9	8.1	7.94328E-09
3	La Salle County	0-1.5	08-Nov-05	83.9	7.5	3.16228E-08
3	La Salle County	2-4	08-Nov-05	88.5	7.8	1.58489E-08
3	La Salle County	1.7-3.7	07-Nov-05	82.5	8.2	6.30957E-09
3	La Salle County	1.9-3.9	07-Nov-05	90.9	8.1	7.94328E-09
3	La Salle County	5.9-7.9	07-Nov-05	86.8	8.2	6.30957E-09
3	La Salle County	5.9-7.9	07-Nov-05	84.7	8.1	7.94328E-09
3	La Salle County	1-0	25-Sep-07	91	8.49	3.23594E-09
3	La Salle County	4-3	25-Sep-07	88	8.68	2.0893E-09
3	La Salle County	1-0	25-Sep-07	85	8.31	4.89779E-09
3	La Salle County	1-0	25-Sep-07	84	8.48	3.31131E-09
3	La Salle County	1-0	25-Sep-07	80	8.23	5.88844E-09
3	La Salle County	1-0	25-Sep-07	83	8.22	6.0256E-09
3	La Salle County	1-0	25-Sep-07	79	8.31	4.89779E-09
3	La Salle County	1-0	25-Sep-07	78	8.21	6.16595E-09
3	La Salle County	1-0	25-Sep-07	89	9.2	6.30957E-10
3	La Salle County	1-4	12-Jan-09	78	7.66	2.18776E-08
3	La Salle County	1-4	09-Jan-09	83	6.9	1.25893E-07
3	La Salle County	1-6	12-Jan-09	82	8.25	5.62341E-09
3	La Salle County	1-4	09-Jan-09	86	8.13	7.4131E-09
3	La Salle County	1-4	09-Jan-09	84	7.94	1.14815E-08
3	La Salle County	1-4	09-Jan-09	83	8.57	2.69153E-09
3	La Salle County	1-6	09-Jan-09	96	8.04	9.12011E-09
3	La Salle County	1-6	09-Jan-09	85	8.56	2.75423E-09
3	La Salle County	1-4	09-Jan-09	81	7.61	2.45471E-08
3	La Salle County	1-4	12-Jan-09	87	8.26	5.49541E-09
3	La Salle County	1-5	12-Jan-09	81	7.96	1.09648E-08
3	La Salle County	1-4	12-Jan-09	84	7.87	1.34896E-08
3	La Salle County	1-4	12-Jan-09	82	7.73	1.86209E-08
3	La Salle County	0-4	16-Jan-09	91	9.1	7.94328E-10
3	La Salle County	0-4	16-Jan-09	85	9.19	6.45654E-10

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* * * * * PC# 32 * * * * *

3	La Salle County	1-6	08-Jan-09	89	8.86	1.38038E-09
3	La Salle County	6-11	08-Jan-09	88	8.58	2.63027E-09
3	La Salle County	1-6	08-Jan-09	97	8.25	5.62341E-09
3	La Salle County	6-11	08-Jan-09	91	8.29	5.12861E-09
3	La Salle County	1-4	08-Jan-09	84	8.33	4.67735E-09
3	La Salle County	1-4	08-Jan-09	85	8.62	2.39883E-09
3	La Salle County	0-6	16-Jan-09	92	7.99	1.02329E-08
3	La Salle County	6-7	16-Jan-09	91	8.04	9.12011E-09
3	La Salle County	1-6	08-Jan-09	89	8.78	1.65959E-09
3	La Salle County	6-9	08-Jan-09	91	8.91	1.23027E-09
3	La Salle County	1-4	08-Jan-09	91	9.14	7.24436E-10
3	La Salle County	1-4	08-Jan-09	82	7.7	1.99526E-08
3	La Salle County	1-4	16-Jan-09	79	8.68	2.0893E-09
3	La Salle County	1-6	16-Jan-09	80	8.43	3.71535E-09
3	La Salle County	1-6	16-Jan-09	80	8.31	4.89779E-09
3	La Salle County	1-4	16-Jan-09	81	7.59	2.5704E-08
3	La Salle County	4-8	16-Jan-09	82	7.46	3.46737E-08
3	La Salle County	1-4	16-Jan-09	83	8.1	7.94328E-09
3	La Salle County	1-4	12-Jan-09	81	7.84	1.44544E-08
3	La Salle County	1-4	12-Jan-09	84	8.14	7.24436E-09
3	La Salle County	1-4.5	12-Jan-09	83	8.21	6.16595E-09
3	La Salle County	1-4.5	12-Jan-09	82	8	0.00000001
3	La Salle County	1-4	12-Jan-09	83	7.58	2.63027E-08
3	La Salle County	1-4	06-Jan-09	87	8.34	4.57088E-09
3	La Salle County	1-4	06-Jan-09	89	7.69	2.04174E-08
3	La Salle County	1-6	06-Jan-09	78	7.82	1.51356E-08
3	La Salle County	1-4	07-Jan-09	88	6.93	1.1749E-07
3	La Salle County	1-4	07-Jan-09	82	8.51	3.0903E-09
3	La Salle County	1-4	07-Jan-09	78	8.57	2.69153E-09
3	La Salle County	1-7	07-Jan-09	83	8.4	3.98107E-09
3	La Salle County	1-7	07-Jan-09	80	7.85	1.41254E-08
3	La Salle County	1-7	07-Jan-09	81	8.32	4.7863E-09
3	La Salle County	0-5.4	06-Jan-09	80	8.08	8.31764E-09
3	La Salle County	1-6	06-Jan-09	83	8.11	7.76247E-09
3	La Salle County	1-4	06-Jan-09	79	8.17	6.76083E-09
3	La Salle County	4-8	06-Jan-09	80	7.72	1.90546E-08
3	La Salle County	4-8	06-Jan-09	80	7.6	2.51189E-08
3	La Salle County	1-4	06-Jan-09	81	7.87	1.34896E-08
3	La Salle County	1-4	07-Jan-09	84	7.75	1.77828E-08
3	La Salle County	1-4	08-Jan-09	96	9.1	7.94328E-10
3	La Salle County	0-6	16-Jan-09	85	9.14	7.24436E-10

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* * * * * PC# 32 * * * * *

3	La Salle County	12-14	16-Jan-09	77	8	0.00000001
3	La Salle County	6-12	16-Jan-09	83	8.03	9.33254E-09
3	La Salle County	1-6	07-Jan-09	82	7.71	1.94984E-08
3	La Salle County	6-11.5	07-Jan-09	81	6.73	1.86209E-07
3	La Salle County	0-6	16-Jan-09	87	8.51	3.0903E-09
3	La Salle County	12-18	16-Jan-09	97	8.64	2.29087E-09
3	La Salle County	6-12	16-Jan-09	89	8.46	3.46737E-09
3	La Salle County	1-4	08-Jan-09	86	7.54	2.88403E-08
3	La Salle County	0-4	16-Jan-09	96	8.94	1.14815E-09
3	La Salle County	1-6	08-Jan-09	83	8.36	4.36516E-09
3	La Salle County	6-10.5	08-Jan-09	92	8.42	3.80189E-09
3	La Salle County	0-2	05-Jan-09	85	7.76	1.7378E-08
3	La Salle County	2-6	05-Jan-09	88	8.06	8.70964E-09
3	La Salle County	2-6	05-Jan-09	90	8.25	5.62341E-09
3	La Salle County	0-6	05-Jan-09	83	7.96	1.09648E-08
3	La Salle County	1.5-3.5	05-Jan-09	79	7.34	4.57088E-08
3	La Salle County	1-4	05-Jan-09	81	7.51	3.0903E-08
3	La Salle County	1-6	06-Jan-09	85	8.55	2.81838E-09
3	La Salle County	1-6	06-Jan-09	86	8.72	1.90546E-09
3	La Salle County	1-4	05-Jan-09	77	7.62	2.39883E-08
3	La Salle County	0-2	20-Jul-10	89	8.2	6.30957E-09
3	La Salle County	2-3.5	20-Jul-10	83	8.3	5.01187E-09
3	La Salle County	0-2	20-Jul-10	79	8.24	5.7544E-09
3	La Salle County	2-3.5	20-Jul-10	77	6.92	1.20226E-07
3	La Salle County	0-2	20-Jul-10	89	8.11	7.76247E-09
3	La Salle County	2-3.5	20-Jul-10	85	8.28	5.24807E-09
3	La Salle County	2-3.5	20-Jul-10	85	7.93	1.1749E-08
3	La Salle County	0-2	20-Jul-10	89	8.09	8.12831E-09
3	La Salle County	2-3.5	20-Jul-10	80	7.74	1.8197E-08
3	La Salle County	0-2	19-Jul-10	90	7.23	5.88844E-08
3	La Salle County	2-5.5	19-Jul-10	83	7.4	3.98107E-08
3	La Salle County	2-5.5	19-Jul-10	84	7.42	3.80189E-08
3	La Salle County	0-2	19-Jul-10	94	7.7	1.99526E-08
3	La Salle County	0-2	19-Jul-10	91	8.12	7.58578E-09
3	La Salle County	2-5.5	19-Jul-10	87	7.75	1.77828E-08
3	La Salle County	0-2	19-Jul-10	93	8.53	2.95121E-09
3	La Salle County	2-5.5	19-Jul-10	84	8.75	1.77828E-09
3	La Salle County	0-2.5	19-Jul-10	98	7.85	1.41254E-08
3	La Salle County	0-2.5	19-Jul-10	89	8.05	8.91251E-09
3	La Salle County	0-2.5	19-Jul-10	82	8.05	8.91251E-09
3	La Salle County	0-2.5	19-Jul-10	77	7.07	8.51138E-08

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3	La Salle County	0-2.5	20-Jul-10	86	9.13	7.4131E-10
3	La Salle County	0-2.5	20-Jul-10	85	9.09	8.12831E-10
3	La Salle County	0-2.5	20-Jul-10	85	8.09	8.12831E-09
3	La Salle County	0-2.5	20-Jul-10	86	8.43	3.71535E-09
3	La Salle County	0-2	20-Jul-10	92	8.17	6.76083E-09
3	La Salle County	2-4	20-Jul-10	86	8.6	2.51189E-09
3	La Salle County	2-4	20-Jul-10	87	8.47	3.38844E-09
3	La Salle County	0-2	20-Jul-10	82	7.75	1.77828E-08
3	La Salle County	6-8	20-Jul-10	83	7.56	2.75423E-08
3	La Salle County	0-2	20-Jul-10	89	7.32	4.7863E-08
3	La Salle County	2-4	20-Jul-10	80	7.5	3.16228E-08
3	La Salle County	2-4	20-Jul-10	79	7.53	2.95121E-08
3	La Salle County	0-2	20-Jul-10	77	7.29	5.12861E-08
3	La Salle County	6-8	20-Jul-10	90	8.1	7.94328E-09
3	La Salle County	0-2	20-Jul-10	85	6.84	1.44544E-07
3	La Salle County	6-8	20-Jul-10	89	8.29	5.12861E-09
3	La Salle County	0-2	29-Sep-11	82	7.82	1.51356E-08
3	La Salle County	0-2	29-Sep-11	93	9.25	5.62341E-10
3	La Salle County	2-5	29-Sep-11	84	8.33	4.67735E-09
3	La Salle County	2-5	29-Sep-11	79	8.12	7.58578E-09
3	La Salle County	0-2	29-Sep-11	78	7.98	1.04713E-08
3	La Salle County	0-2	29-Sep-11	79	8.23	5.88844E-09
3	La Salle County	0-2	29-Sep-11	90	8.74	1.8197E-09
3	La Salle County	0-2	29-Sep-11	79	7.84	1.44544E-08
3	La Salle County	0-2	29-Sep-11	77	8.26	5.49541E-09
3	La Salle County	0-2	29-Sep-11	82	7.49	3.23594E-08
3	La Salle County	0-2	29-Sep-11	82	8.3	5.01187E-09
3	La Salle County	2-7	29-Sep-11	79	8.71	1.94984E-09
3	La Salle County	2-7	29-Sep-11	77	8.53	2.95121E-09
3	La Salle County	0-2	29-Sep-11	82	8.49	3.23594E-09
3	La Salle County	2-7	29-Sep-11	79	8.11	7.76247E-09
3	La Salle County	0-2	29-Sep-11	80	7.77	1.69824E-08

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
11	7.24	9.03	0.4382	8.1409	1.18111E-08	7.928

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
2	Lee County	0-5	6/14/2010	86	8.16	6.91831E-09
2	Lee County	5-10	6/14/2010	83	8.46	3.46737E-09
2	Lee County	0-5	6/14/2010	86	7.8	1.58489E-08
2	Lee County	5-10	6/14/2010	84	8.08	8.31764E-09
2	Lee County	0-5	6/14/2010	90	9.03	9.33254E-10
2	Lee County	5-10	6/14/2010	79	8.26	5.49541E-09
2	Lee County	0-5	6/14/2010	71	8.29	5.12861E-09
2	Lee County	5-10	6/14/2010	77	8.16	6.91831E-09
2	Lee County	5-10	6/14/2010	78	8.17	6.76083E-09
2	Lee County	0-5	6/14/2010	86	7.24	5.7544E-08
2	Lee County	5-10	6/14/2010	81	7.9	1.25893E-08

Soil pH
Livingston County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
112	7.1	9.22	0.4723	7.9438	1.84628E-08	7.734

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(-pH)}
3	Livingston County	0-4	10/16/2009	79	8.3	5.01187E-09
3	Livingston County	0-4	10/16/2009	84	8.24	5.7544E-09
3	Livingston County	0-4	10/16/2009	80	8.42	3.80189E-09
3	Livingston County	0-4	10/16/2009	84	8.45	3.54813E-09
3	Livingston County	0-4	10/16/2009	84	8.55	2.81838E-09
3	Livingston County	0-4	10/16/2009	80	8.23	5.88844E-09
3	Livingston County	4-8	10/14/2009	80	7.85	1.41254E-08
3	Livingston County	0-4	10/14/2009	84	8.45	3.54813E-09
3	Livingston County	0-4	10/14/2009	92	8.66	2.18776E-09
3	Livingston County	4-8	10/14/2009	87	7.28	5.24807E-08
3	Livingston County	8-12	10/14/2009	83	7.37	4.2658E-08
3	Livingston County	8-12	10/14/2009	85	8.22	6.0256E-09
3	Livingston County	8-12	10/14/2009	86	7.85	1.41254E-08
3	Livingston County	4-8	10/14/2009	79	7.48	3.31131E-08
3	Livingston County	0-4	10/14/2009	95	9	0.000000001
3	Livingston County	8-12	10/14/2009	85	7.88	1.31826E-08
3	Livingston County	4-8	10/14/2009	79	7.74	1.8197E-08
3	Livingston County	8-12	10/14/2009	85	8.03	9.33254E-09
3	Livingston County	8-12	10/14/2009	86	7.74	1.8197E-08
3	Livingston County	4-8	10/14/2009	85	8.31	4.89779E-09
3	Livingston County	0-4	10/14/2009	81	8.44	3.63078E-09
3	Livingston County	8-12	10/14/2009	85	7.65	2.23872E-08
3	Livingston County	8-11	10/14/2009	86	7.97	1.07152E-08
3	Livingston County	8-11	10/14/2009	86	8.5	3.16228E-09
3	Livingston County	4-8	10/14/2009	84	8.57	2.69153E-09
3	Livingston County	0-4	10/14/2009	96	9.22	6.0256E-10
3	Livingston County	8-11	10/14/2009	86	8.3	5.01187E-09
3	Livingston County	4-8	10/14/2009	83	8.26	5.49541E-09
3	Livingston County	0-4	10/14/2009	88	9.01	9.77237E-10
3	Livingston County	8-11	10/14/2009	86	8.34	4.57088E-09
3	Livingston County	8-11	10/14/2009	86	8.46	3.46737E-09
3	Livingston County	0-5	10/15/2009	93	7.83	1.47911E-08
3	Livingston County	5-10	10/15/2009	79	7.78	1.65959E-08
3	Livingston County	0-5	10/15/2009	84	7.59	2.5704E-08
3	Livingston County	5-10	10/15/2009	81	8.31	4.89779E-09
3	Livingston County	0-5	10/15/2009	82	7.81	1.54882E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Livingston County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Livingston County	5-10	10/15/2009	75	7.31	4.89779E-08
3	Livingston County	5-10	10/15/2009	79	7.28	5.24807E-08
3	Livingston County	0-5	10/14/2009	81	7.59	2.5704E-08
3	Livingston County	5-10	10/14/2009	84	7.49	3.23594E-08
3	Livingston County	0-5	10/16/2009	83	7.71	1.94984E-08
3	Livingston County	5-10	10/16/2009	80	7.52	3.01995E-08
3	Livingston County	0-5	10/15/2009	80	7.33	4.67735E-08
3	Livingston County	4-8	10/12/2009	82	8.32	4.7863E-09
3	Livingston County	0-4	10/12/2009	82	8.75	1.77828E-09
3	Livingston County	0-4	10/13/2009	84	8.86	1.38038E-09
3	Livingston County	0-4	10/13/2009	85	8.23	5.88844E-09
3	Livingston County	4-7	10/12/2009	82	8.5	3.16228E-09
3	Livingston County	0-4	10/12/2009	83	8.86	1.38038E-09
3	Livingston County	4-7	10/12/2009	81	8.06	8.70964E-09
3	Livingston County	0-4	10/12/2009	83	8.75	1.77828E-09
3	Livingston County	4-8	10/12/2009	80	8.04	9.12011E-09
3	Livingston County	0-4	10/12/2009	78	8.34	4.57088E-09
3	Livingston County	4-7	10/13/2009	84	7.9	1.25893E-08
3	Livingston County	4-7	10/13/2009	85	8.34	4.57088E-09
3	Livingston County	0-4	10/13/2009	81	8.38	4.16869E-09
3	Livingston County	4-7	10/13/2009	84	8.1	7.94328E-09
3	Livingston County	0-4	10/13/2009	85	8.77	1.69824E-09
3	Livingston County	4-7	10/13/2009	85	8.37	4.2658E-09
3	Livingston County	0-4	10/16/2009	85	7.61	2.45471E-08
3	Livingston County	4-7.5	10/16/2009	81	7.86	1.38038E-08
3	Livingston County	4-7.5	10/16/2009	80	8.09	8.12831E-09
3	Livingston County	4-7.5	10/16/2009	85	7.45	3.54813E-08
3	Livingston County	4-7.5	10/16/2009	84	7.83	1.47911E-08
3	Livingston County	0-4	10/16/2009	80	8.31	4.89779E-09
3	Livingston County	0-4	10/16/2009	79	8.2	6.30957E-09
3	Livingston County	0-4	10/16/2009	78	7.54	2.88403E-08
3	Livingston County	0-4	10/16/2009	78	7.31	4.89779E-08
3	Livingston County	4-7.5	10/16/2009	76	7.41	3.89045E-08
3	Livingston County	0-4	10/16/2009	85	7.97	1.07152E-08
3	Livingston County	4-7.5	10/16/2009	81	7.54	2.88403E-08
3	Livingston County	4-8	10/13/2009	86	7.1	7.94328E-08
3	Livingston County	4-8	10/13/2009	75	7.46	3.46737E-08
3	Livingston County	0-4	10/13/2009	82	7.87	1.34896E-08
3	Livingston County	0-4	10/13/2009	83	7.98	1.04713E-08
3	Livingston County	4-8	10/13/2009	80	7.5	3.16228E-08
3	Livingston County	0-4	10/13/2009	81	7.71	1.94984E-08
3	Livingston County	0-4	10/13/2009	81	7.43	3.71535E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH

Livingston County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
3	Livingston County	4-8	10/13/2009	84	7.88	1.31826E-08
3	Livingston County	0-4	10/13/2009	78	7.94	1.14815E-08
3	Livingston County	4-8	10/13/2009	76	7.59	2.5704E-08
3	Livingston County	0-4	10/13/2009	78	8.35	4.46684E-09
3	Livingston County	4-8	10/13/2009	86	7.57	2.69153E-08
3	Livingston County	0-4	10/13/2009	81	8.37	4.2658E-09
3	Livingston County	4-8	10/13/2009	77	7.6	2.51189E-08
3	Livingston County	4-7	10/13/2009	80	7.31	4.89779E-08
3	Livingston County	0-4	10/13/2009	79	7.62	2.39883E-08
3	Livingston County	4-7	10/13/2009	88	8.06	8.70964E-09
3	Livingston County	0-4	10/13/2009	77	7.62	2.39883E-08
3	Livingston County	4-7	10/13/2009	82	7.44	3.63078E-08
3	Livingston County	0-4	10/13/2009	75	7.45	3.54813E-08
3	Livingston County	4-7	10/13/2009	85	7.37	4.2658E-08
3	Livingston County	0-4	10/13/2009	80	7.6	2.51189E-08
3	Livingston County	4-7	10/13/2009	84	7.97	1.07152E-08
3	Livingston County	0-4	10/13/2009	81	8.27	5.37032E-09
3	Livingston County	0-5	10/13/2009	81	7.53	2.95121E-08
3	Livingston County	0-5	10/13/2009	82	8.02	9.54993E-09
3	Livingston County	0-5	10/13/2009	82	8.17	6.76083E-09
3	Livingston County	0-5	10/13/2009	80	7.21	6.16595E-08

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***** PC# 32 *****

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
9	7.8	8.6	0.2693	8.1667	7.97149E-09	8.098

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
6	Logan County	0-2	9/13/2006	87.4	8	0.00000001
6	Logan County	0-2	9/14/2006	90.2	8.6	2.51189E-09
6	Logan County	0-2	9/13/2006	81.8	8.2	6.30957E-09
6	Logan County	0-2	9/13/2006	76.3	8.3	5.01187E-09
6	Logan County	0-2	9/13/2006	87.9	8.5	3.16228E-09
6	Logan County	0-2	9/13/2006	86	8.2	6.30957E-09
6	Logan County	0-2	9/13/2006	81	7.8	1.58489E-08
6	Logan County	0-2	9/13/2006	79	7.9	1.25893E-08
6	Logan County	0-2	9/13/2006	77.7	8	0.00000001

Soil pH
Madison County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
123	5.54	8.61	0.6266	7.5781	1.43325E-07	6.844

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
8	Madison County	0-4	11/7/2011	91.8	8.18	6.60693E-09
8	Madison County	0-4	11/7/2011	85.5	7.64	2.29087E-08
8	Madison County	0-4	11/7/2011	92.3	7.54	2.88403E-08
8	Madison County	5-10	11/7/2011	78.2	7.77	1.69824E-08
8	Madison County	0-5	11/7/2011	89.9	7.4	3.98107E-08
8	Madison County	0-5	11/7/2011	89.1	7.41	3.89045E-08
8	Madison County	15-20	11/7/2011	77.5	7.2	6.30957E-08
8	Madison County	5-10	11/7/2011	85.6	8.03	9.33254E-09
8	Madison County	0-5	11/7/2011	93.3	7.56	2.75423E-08
8	Madison County	10-15	11/7/2011	79.4	7.64	2.29087E-08
8	Madison County	15-20	11/7/2011	79.2	7.6	2.51189E-08
8	Madison County	0-5	11/7/2011	90.4	7.45	3.54813E-08
8	Madison County	10-15	11/7/2011	81.2	7.65	2.23872E-08
8	Madison County	6-8	11/7/2011	81.2	7.84	1.44544E-08
8	Madison County	0-5	11/7/2011	85.6	8.12	7.58578E-09
8	Madison County	10-15	11/7/2011	71.2	7.3	5.01187E-08
8	Madison County	10-15	11/7/2011	82.1	5.61	2.45471E-06
8	Madison County	15-20	11/7/2011	81.2	6.96	1.09648E-07
8	Madison County	5-10	11/7/2011	85.1	7.28	5.24807E-08
8	Madison County	0-5	11/7/2011	90.7	7.47	3.38844E-08
8	Madison County	5-10	11/7/2011	90.5	7.41	3.89045E-08
8	Madison County	15-20	11/7/2011	80.5	7.78	1.65959E-08
8	Madison County	5-10	11/7/2011	85.7	7.61	2.45471E-08
8	Madison County	10-15	11/7/2011	71.5	7.33	4.67735E-08
8	Madison County	15-20	11/7/2011	82.2	7.66	2.18776E-08
8	Madison County	0-4	11/7/2011	87.8	7.4	3.98107E-08
8	Madison County	0-4	11/7/2011	82.6	7.25	5.62341E-08
8	Madison County	0-4	11/7/2011	83.3	7.59	2.5704E-08
8	Madison County	0-4	11/7/2011	82	7.47	3.38844E-08

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*****PC# 32*****

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
34	4.5	9	1.1456	6.8824	2.36264E-06	5.627

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
8	Marion County	3-4	12/1/2004	78.1	8.5	3.16228E-09
8	Marion County	3-4	12/1/2004	79.7	6.5	3.16228E-07
8	Marion County	2.5-3.5	12/3/2004	81.6	8	0.00000001
8	Marion County	2-3	12/2/2004	79.1	7.5	3.16228E-08
8	Marion County	4-5	12/2/2004	98.1	6.7	1.99526E-07
8	Marion County	5-6	12/2/2004	28.8	5.3	5.01187E-06
8	Marion County	5-6	12/2/2004	82.7	4.5	3.16228E-05
8	Marion County	2-3	11/30/2004	78.9	7.9	1.25893E-08
8	Marion County	2-3	11/30/2004	78.1	8.5	3.16228E-09
8	Marion County	2-3	11/30/2004	74.2	5	0.00001
8	Marion County	2-3	12/2/2004	77.8	7.2	6.30957E-08
8	Marion County	3-4	12/2/2004	68.4	7.4	3.98107E-08
8	Marion County	3-4	12/2/2004	82.2	7.3	5.01187E-08
8	Marion County	3-4	12/2/2004	79.8	7.4	3.98107E-08
8	Marion County	3-4	12/2/2004	79.1	7.3	5.01187E-08
8	Marion County	2-3	12/2/2004	78.8	5.6	2.51189E-06
8	Marion County	3-4	12/1/2004	80.5	8.2	6.30957E-09
8	Marion County	2-3	12/1/2004	81.7	6.6	2.51189E-07
8	Marion County	2-3	12/2/2004	86.1	6.8	1.58489E-07
8	Marion County	2-3	12/2/2004	79.6	9	0.000000001
8	Marion County	3-4	11/30/2004	80.6	7.3	5.01187E-08
8	Marion County	3-4	11/30/2004	81.5	7.5	3.16228E-08
8	Marion County	3-4	11/30/2004	76.9	5.5	3.16228E-06
8	Marion County	1.5-2.5	12/2/2004	76.2	4.7	1.99526E-05
8	Marion County	2-3	12/2/2004	84.4	6.8	1.58489E-07
8	Marion County	2-3	12/1/2004	78.8	5.7	1.99526E-06
8	Marion County	3-4	12/1/2004	81	5.8	1.58489E-06
8	Marion County	3-4	12/1/2004	77.9	7.5	3.16228E-08
8	Marion County	1-2	12/1/2004	81.8	5.8	1.58489E-06
8	Marion County	1-2	12/1/2004	80.4	5.9	1.25893E-06
8	Marion County	1-2	12/1/2004	82.1	7.1	7.94328E-08
8	Marion County	2.5-3.5	11/30/2004	80.6	7.8	1.58489E-08
8	Marion County	2-3	11/30/2004	80	7.6	2.51189E-08
8	Marion County	2-3	11/30/2004	79.2	7.8	1.58489E-08

Soil pH
Massac County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
23	4.17	7.84	1.1026	6.0000	9.32406E-06	5.030

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(-pH)}
9	Masaac County	0-5	1/31/2012	83.2	6.51	3.0903E-07
9	Masaac County	0-5	1/31/2012	81.7	5.9	1.25893E-06
9	Masaac County	5-10	1/31/2012	86.9	5.76	1.7378E-06
9	Masaac County	10-15	1/31/2012	87.2	6.32	4.7863E-07
9	Masaac County	0-5	1/31/2012	80.6	7.46	3.46737E-08
9	Masaac County	0-5	1/31/2012	83	7.84	1.44544E-08
9	Masaac County	5-10	1/31/2012	83.7	4.98	1.04713E-05
9	Masaac County	0-5	1/31/2012	83.7	6.63	2.34423E-07
9	Masaac County	5-10	1/31/2012	83.7	4.94	1.14815E-05
9	Masaac County	10-15	1/31/2012	85.7	5.92	1.20226E-06
9	Masaac County	0-5	1/31/2012	81.5	5.37	4.2658E-06
9	Masaac County	10-15	1/31/2012	91.7	6.95	1.12202E-07
9	Masaac County	5-10	1/31/2012	88.4	7.65	2.23872E-08
9	Masaac County	10-15	1/31/2012	84.3	5.57	2.69153E-06
9	Masaac County	0-5	1/31/2012	82.2	4.17	6.76083E-05
9	Masaac County	5-10	1/31/2012	85.3	4.65	2.23872E-05
9	Masaac County	0-5	1/31/2012	83.1	4.31	4.89779E-05
9	Masaac County	0-5	1/31/2012	80.5	7.2	6.30957E-08
9	Masaac County	10-15	1/31/2012	81.5	6.05	8.91251E-07
9	Masaac County	0-5	1/31/2012	83	7.42	3.80189E-08
9	Masaac County	10-15	1/31/2012	85.6	6.13	7.4131E-07
9	Masaac County	5-10	1/31/2012	84.4	5.85	1.41254E-06
9	Masaac County	5-10	1/31/2012	87.6	4.42	3.80189E-05

Soil pH
McHenry County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
542	5.58	10.6	0.6226	8.1072	2.61745E-08	7.582

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^(-pH)
1	McHenry County	0-4	11/28/2011	97	8.51	3.0903E-09
1	McHenry County	0-5	11/28/2011	81	7.45	3.54813E-08
1	McHenry County	0-5.5	11/28/2011	80	7.51	3.0903E-08
1	McHenry County	0-5.5	11/28/2011	80	7.92	1.20226E-08
1	McHenry County	0-5.5	11/28/2011	81	7.7	1.99526E-08
1	McHenry County	0-5	11/28/2011	87	7.98	1.04713E-08
1	McHenry County	0-5	11/28/2011	86	8.41	3.89045E-09
1	McHenry County	5.5-11	11/28/2011	84	7.74	1.8197E-08
1	McHenry County	0-4	11/28/2011	93	7.36	4.36516E-08
1	McHenry County	0-4	11/28/2011	87	7.76	1.7378E-08
1	McHenry County	5.5-11	11/28/2011	84	7.75	1.77828E-08
1	McHenry County	5.5-11	11/28/2011	81	6.69	2.04174E-07
1	McHenry County	0-5.5	11/28/2011	79	7.79	1.62181E-08
1	McHenry County	5.5-11	11/28/2011	84	7.71	1.94984E-08
1	McHenry County	0-5.5	11/28/2011	82	7.75	1.77828E-08
1	McHenry County	0-5	11/28/2011	82	7.99	1.02329E-08
1	McHenry County	0-4	11/28/2011	85	8.52	3.01995E-09
1	McHenry County	5-10	11/28/2011	84	7.21	6.16595E-08
1	McHenry County	5-10	11/28/2011	96	8.4	3.98107E-09
1	McHenry County	0-5	11/28/2011	85	9.09	8.12831E-10
1	McHenry County	5-10	11/28/2011	97	8.32	4.7863E-09
1	McHenry County	0-5	11/28/2011	85	8.48	3.31131E-09
1	McHenry County	0-5	11/28/2011	86	7.5	3.16228E-08
1	McHenry County	5-10	11/28/2011	83	7.35	4.46684E-08
1	McHenry County	0-5	11/28/2011	83	7.29	5.12861E-08
1	McHenry County	0-5	11/28/2011	85	7.26	5.49541E-08
1	McHenry County	0-5	11/28/2011	88	7.98	1.04713E-08
1	McHenry County	0-5	11/28/2011	95	8.36	4.36516E-09
1	McHenry County	0-4	11/28/2011	95	8.28	5.24807E-09
1	McHenry County	0-1	10/3/2011	82.3	7.99	1.02329E-08
1	McHenry County	15-20	10/3/2011	95.6	9.2	6.30957E-10
1	McHenry County	10-15	10/3/2011	96.8	8.98	1.04713E-09
1	McHenry County	5-10	10/3/2011	95.4	9.49	3.23594E-10
1	McHenry County	0-5	10/3/2011	94	8.49	3.23594E-09
1	McHenry County	15-20	10/3/2011	89.4	8.91	1.23027E-09
1	McHenry County	0-1	10/3/2011	90.9	8.36	4.36516E-09
1	McHenry County	20-25	10/3/2011	89.6	8.64	2.29087E-09
1	McHenry County	10-15	10/3/2011	91.5	9.45	3.54813E-10
1	McHenry County	5-10	10/3/2011	89.6	9.45	3.54813E-10
1	McHenry County	0-5	10/3/2011	91.4	8.45	3.54813E-09
1	McHenry County	0-5	10/3/2011	93.5	8.47	3.38844E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
McHenry County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
1	McHenry County	0-1	10/3/2011	86	8.55	2.81838E-09
1	McHenry County	0-1	10/3/2011	83.3	8.76	1.7378E-09
1	McHenry County	0-1	10/3/2011	86.9	8.68	2.0893E-09
1	McHenry County	0-1	10/3/2011	82.3	8.74	1.8197E-09
1	McHenry County	0 - 1	11/28/2011	83	7.67	2.13796E-08
1	McHenry County	0 - 1	11/28/2011	81	7.93	1.1749E-08
1	McHenry County	0 - 1	11/28/2011	80	8.15	7.07946E-09
1	McHenry County	0 - 1	11/28/2011	80	7.57	2.69153E-08
1	McHenry County	0-5	11/28/2011	93	7.52	3.01995E-08
1	McHenry County	5-10	11/28/2011	77	8	0.00000001
1	McHenry County	0-10	11/28/2011	83	7.93	1.1749E-08
1	McHenry County	0-5	11/28/2011	79	7.57	2.69153E-08
1	McHenry County	0 - 1	11/28/2011	88	8.07	8.51138E-09
1	McHenry County	0-5	11/28/2011	81	7.86	1.38038E-08
1	McHenry County	5-10	11/28/2011	97	8.5	3.16228E-09
1	McHenry County	0-1	10/3/2011	85	8.39	4.0738E-09
1	McHenry County	0-1	10/3/2011	87	8.32	4.7863E-09
1	McHenry County	0-1	10/3/2011	85	7.37	4.2658E-08
1	McHenry County	0-1	10/3/2011	84	7.5	3.16228E-08
1	McHenry County	10-13	10/3/2011	89.9	8.43	3.71535E-09
1	McHenry County	5-10	10/3/2011	89.9	8.59	2.5704E-09
1	McHenry County	0-5	10/3/2011	82.1	8.39	4.0738E-09
1	McHenry County	0-4	10/4/2011	89.6	8.12	7.58578E-09
1	McHenry County	4-8	10/4/2011	86.1	7.67	2.13796E-08
1	McHenry County	0-4	10/4/2011	87.2	7.86	1.38038E-08
1	McHenry County	4-8	10/4/2011	86.5	8.59	2.5704E-09
1	McHenry County	0-4	10/4/2011	88.9	8.1	7.94328E-09

Soil pH
McLean County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
109	6.36	9.2	0.5219	7.9825	2.38397E-08	7.623

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
5	McLean County	0-5	7/21/2010	84	7.57	2.69153E-08
5	McLean County	0-5	7/21/2010	85	7.02	9.54993E-08
5	McLean County	0-5	7/21/2010	88	7.81	1.54882E-08
5	McLean County	0-5	7/21/2010	85	7.62	2.39883E-08
5	McLean County	5-10	7/21/2010	90	7.62	2.39883E-08
5	McLean County	0-5	7/21/2010	86	8.11	7.76247E-09
5	McLean County	5-10	7/21/2010	88	8.08	8.31764E-09
5	McLean County	0-5	7/21/2010	88	7.63	2.34423E-08
5	McLean County	5-10	7/21/2010	87	8.3	5.01187E-09
5	McLean County	0-5	7/21/2010	89	8.13	7.4131E-09
5	McLean County	5-10	7/21/2010	88	7.76	1.7378E-08
5	McLean County	0-5	7/21/2010	85	8.36	4.36516E-09
5	McLean County	5-10	7/21/2010	85	8.26	5.49541E-09
5	McLean County	0-5	7/21/2010	86	7.83	1.47911E-08
5	McLean County	5-10	7/21/2010	91	7.91	1.23027E-08
5	McLean County	5-10	7/21/2010	91	7.85	1.41254E-08
5	McLean County	0-5	7/21/2010	88	8.04	9.12011E-09
5	McLean County	5-10	7/21/2010	88	7.82	1.51356E-08
5	McLean County	5-10	7/21/2010	89	7.58	2.63027E-08
5	McLean County	5-10	7/21/2010	77	7.41	3.89045E-08
5	McLean County	0-5	7/21/2010	83	7.43	3.71535E-08
5	McLean County	0-5	7/21/2010	90	7.87	1.34896E-08
5	McLean County	5-10	7/20/2010	85	7.5	3.16228E-08
5	McLean County	0-5	7/20/2010	85	8.29	5.12861E-09
5	McLean County	0-5	7/20/2010	84	7.83	1.47911E-08
5	McLean County	5-10	7/20/2010	89	8.57	2.69153E-09
5	McLean County	10-15	7/20/2010	88	8.8	1.58489E-09
5	McLean County	10-15	7/20/2010	90	7.51	3.0903E-08
5	McLean County	0-5	7/20/2010	86	8.05	8.91251E-09
5	McLean County	5-10	7/20/2010	85	7.43	3.71535E-08
5	McLean County	0-5	7/20/2010	87	8.56	2.75423E-09
5	McLean County	10-15	7/20/2010	88	8.41	3.89045E-09
5	McLean County	5-10	7/20/2010	88	8.3	5.01187E-09
5	McLean County	0-5	7/20/2010	88	8.67	2.13796E-09
5	McLean County	10-15	7/20/2010	88	7.75	1.77828E-08
5	McLean County	5-10	7/20/2010	88	7.84	1.44544E-08
5	McLean County	0-5	7/20/2010	88	8.06	8.70964E-09
5	McLean County	0-5	7/20/2010	82	6.61	2.45471E-07
5	McLean County	0-5	7/20/2010	81	6.36	4.36516E-07
5	McLean County	0-5	7/20/2010	85	7.35	4.46684E-08
5	McLean County	0-5	7/20/2010	84	7.87	1.34896E-08
5	McLean County	5-10	7/20/2010	88	7.32	4.7863E-08
5	McLean County	5-10	7/20/2010	84	8.77	1.69824E-09
5	McLean County	0-5	7/20/2010	94	8.1	7.94328E-09
5	McLean County	5-10	7/20/2010	86	8.67	2.13796E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
McLean County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
5	McLean County	0-5	7/20/2010	89	8.28	5.24807E-09
5	McLean County	5-10	7/20/2010	86	8.46	3.46737E-09
5	McLean County	10-15	7/20/2010	81	8.13	7.4131E-09
5	McLean County	10-15	7/20/2010	80	7.6	2.51189E-08
5	McLean County	5-10	7/20/2010	85	8.31	4.89779E-09
5	McLean County	10-15	7/20/2010	80	7.84	1.44544E-08
5	McLean County	5-10	7/20/2010	79	7.32	4.7863E-08
5	McLean County	0-5	7/20/2010	77	8.03	9.33254E-09
5	McLean County	0-5	7/20/2010	91	8.24	5.7544E-09

Soil pH
Monroe County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
88	4.55	8.51	1.0429	7.0407	1.92883E-06	5.715

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	Monroe County	0-4	2/24/2012	79.1	7.77	1.69824E-08
8	Monroe County	0-4	2/24/2012	78.9	7.23	5.88844E-08
8	Monroe County	0-4	2/24/2012	81.2	7.82	1.51356E-08
8	Monroe County	0-4	2/24/2012	83.7	7.95	1.12202E-08
8	Monroe County	0-4	2/23/2012	86.4	7.68	2.0893E-08
8	Monroe County	0-4	2/23/2012	89.6	8.03	9.33254E-09
8	Monroe County	0-4	2/23/2012	89	7.99	1.02329E-08
8	Monroe County	0-4	2/22/2012	83.7	7.48	3.31131E-08
8	Monroe County	0-4	2/22/2012	84.1	7.91	1.23027E-08
8	Monroe County	0-4	2/22/2012	81.3	8.06	8.70964E-09
8	Monroe County	0-4	2/22/2012	83.2	8.16	6.91831E-09
8	Monroe County	0-4	2/23/2012	80	6.42	3.80189E-07
8	Monroe County	0-4	2/23/2012	81.8	5.58	2.63027E-06
8	Monroe County	0-4	2/22/2012	83	7.15	7.07946E-08
8	Monroe County	0-4	2/20/2012	80.6	7.81	1.54882E-08
8	Monroe County	0-4	2/21/2012	86.1	8.29	5.12861E-09
8	Monroe County	0-4	2/20/2012	81.5	5.88	1.31826E-06
8	Monroe County	0-4	2/20/2012	85.2	7.61	2.45471E-08
8	Monroe County	0-4	2/20/2012	82.1	7.27	5.37032E-08
8	Monroe County	0-4	2/20/2012	85	7.98	1.04713E-08
8	Monroe County	0-4	2/20/2012	81	7.67	2.13796E-08
8	Monroe County	0-4	2/20/2012	82.9	7.63	2.34423E-08
8	Monroe County	0-4	2/20/2012	79	7.34	4.57088E-08
8	Monroe County	0-4	2/20/2012	79.2	6.9	1.25893E-07
8	Monroe County	0-4	2/20/2012	80.8	6.4	3.98107E-07
8	Monroe County	0-4	2/20/2012	79.8	7.4	3.98107E-08
8	Monroe County	0-4	2/21/2012	86.6	7.88	1.31826E-08
8	Monroe County	0-4	2/20/2012	80.6	7.54	2.88403E-08
8	Monroe County	0-4	2/20/2012	81.6	7.93	1.1749E-08
8	Monroe County	0-4	2/22/2012	85.5	7.55	2.81838E-08
8	Monroe County	0-4	2/22/2012	81.8	7.35	4.46684E-08
8	Monroe County	0-4	2/22/2012	84.1	7.41	3.89045E-08
8	Monroe County	0-4	2/22/2012	85.7	6.86	1.38038E-07
8	Monroe County	0-4	2/22/2012	82.7	5.76	1.7378E-06
8	Monroe County	0-4	2/22/2012	89.7	7.64	2.29087E-08
8	Monroe County	0-4	2/22/2012	93.8	7.89	1.28825E-08
8	Monroe County	0-4	2/22/2012	87.2	7.35	4.46684E-08
8	Monroe County	0-4	2/22/2012	87.4	7.59	2.5704E-08
8	Monroe County	0-4	2/22/2012	87.2	7.77	1.69824E-08
8	Monroe County	0-4	2/22/2012	89	8.07	8.51138E-09

Multiple county projects are not included in the County evaluations.

Andrews Engineering, Inc.

Soil pH
Monroe County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	Monroe County	0-4	2/22/2012	83.8	7.89	1.28825E-08
8	Monroe County	0-4	2/22/2012	85.7	8.51	3.0903E-09
8	Monroe County	0-4	2/22/2012	82.9	5.13	7.4131E-06
8	Monroe County	0-4	2/22/2012	85.4	6.48	3.31131E-07
8	Monroe County	0-4	2/22/2012	84.6	4.76	1.7378E-05
8	Monroe County	0-4	2/22/2012	84	4.9	1.25893E-05
8	Monroe County	0-6	2/22/2012	83.1	5.35	4.46684E-06
8	Monroe County	0-4	2/22/2012	83.8	5.56	2.75423E-06
8	Monroe County	0-6	2/22/2012	82.9	6.93	1.1749E-07
8	Monroe County	0-6	2/22/2012	87.1	7.38	4.16869E-08
8	Monroe County	0-6	2/23/2012	83.1	7.62	2.39883E-08
8	Monroe County	0-6	2/23/2012	86.3	7.98	1.04713E-08
8	Monroe County	0-6	2/23/2012	86.6	7.59	2.5704E-08
8	Monroe County	0-6	2/23/2012	90.8	7.94	1.14815E-08
8	Monroe County	0-6	2/23/2012	89.4	4.55	2.81838E-05
8	Monroe County	0-6	2/23/2012	84.4	8.14	7.24436E-09
8	Monroe County	0-4	2/21/2012	77.7	7.22	6.0256E-08
8	Monroe County	0-4	2/21/2012	78	4.9	1.25893E-05
8	Monroe County	0-6	2/21/2012	79.3	7.82	1.51356E-08
8	Monroe County	0-6	2/21/2012	72.8	6.78	1.65959E-07
8	Monroe County	0-4	2/21/2012	78.1	7.82	1.51356E-08
8	Monroe County	0-4	2/21/2012	76.7	7.51	3.0903E-08
8	Monroe County	0-4	2/21/2012	77.2	6.84	1.44544E-07
8	Monroe County	0-4	2/21/2012	78	7.1	7.94328E-08
8	Monroe County	0-4	2/21/2012	78.5	4.62	2.39883E-05
8	Monroe County	0-4	2/21/2012	79.7	5.89	1.28825E-06
8	Monroe County	0-4	2/21/2012	80.2	5.57	2.69153E-06
8	Monroe County	0-4	2/21/2012	78.8	4.84	1.44544E-05
8	Monroe County	0-4	2/23/2012	84.2	7.62	2.39883E-08
8	Monroe County	0-4	2/23/2012	82.5	5.94	1.14815E-06
8	Monroe County	0-4	2/23/2012	83.5	7.69	2.04174E-08
8	Monroe County	0-4	2/21/2012	79.6	6.45	3.54813E-07
8	Monroe County	0-4	2/21/2012	79.1	7.49	3.23594E-08
8	Monroe County	0-4	2/21/2012	77.9	4.85	1.41254E-05
8	Monroe County	0-4	2/21/2012	80.6	7.28	5.24807E-08
8	Monroe County	0-4	2/21/2012	80.2	7.76	1.7378E-08
8	Monroe County	0-4	2/21/2012	79.7	7.29	5.12861E-08
8	Monroe County	0-4	2/21/2012	79.3	5.97	1.07152E-06
8	Monroe County	0-4	2/23/2012	84.1	7.62	2.39883E-08
8	Monroe County	0-4	2/23/2012	84.4	7.14	7.24436E-08
8	Monroe County	0-4	2/23/2012	69.1	5.44	3.63078E-06
8	Monroe County	0-4	2/20/2012	79.4	4.92	1.20226E-05
8	Monroe County	0-4	2/20/2012	83.3	6.3	5.01187E-07
8	Monroe County	0-4	2/20/2012	78.6	7.37	4.2658E-08
8	Monroe County	0-4	2/20/2012	80.7	7.22	6.0256E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Monroe County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	Monroe County	0-4	2/20/2012	82.2	7.46	3.46737E-08
8	Monroe County	0-4	2/20/2012	80.1	8.16	6.91831E-09
8	Monroe County	0-4	2/20/2012	81.6	7.99	1.02329E-08

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***** PC# 32 *****

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
78	5.21	8.28	0.5869	7.4160	1.68936E-07	6.772

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
6	Morgan County	0-2	5/12/2011	81	7.78	1.65959E-08
6	Morgan County	0-2	5/10/2011	78	7.64	2.29087E-08
6	Morgan County	0-2	5/11/2011	80	7.31	4.89779E-08
6	Morgan County	0-2	5/11/2011	80	6.89	1.28825E-07
6	Morgan County	0-2	5/12/2011	82	7.68	2.0893E-08
6	Morgan County	0-2	5/12/2011	81	7.79	1.62181E-08
6	Morgan County	0-2	5/12/2011	79	7.26	5.49541E-08
6	Morgan County	0-2	5/11/2011	81	6.28	5.24807E-07
6	Morgan County	0-2	5/10/2011	77	7.27	5.37032E-08
6	Morgan County	0-2	5/10/2011	79	7.74	1.8197E-08
6	Morgan County	0-2	5/13/2011	79	7.47	3.38844E-08
6	Morgan County	0-2	5/12/2011	79	6.13	7.4131E-07
6	Morgan County	0-2	5/13/2011	82	7.59	2.5704E-08
6	Morgan County	0-2	5/13/2011	79	7.04	9.12011E-08
6	Morgan County	0-2	5/10/2011	83	7.41	3.89045E-08
6	Morgan County	0-2	5/11/2011	80	6.99	1.02329E-07
6	Morgan County	0-2	5/11/2011	78	7.47	3.38844E-08
6	Morgan County	0-2	5/12/2011	80	7.98	1.04713E-08
6	Morgan County	2-4	5/11/2011	78	7.68	2.0893E-08
6	Morgan County	2-4	5/11/2011	78	7.55	2.81838E-08
6	Morgan County	2-4	5/12/2011	76	7.38	4.16869E-08
6	Morgan County	2-4	5/11/2011	76	7.54	2.88403E-08
6	Morgan County	2-4	5/11/2011	80	6.46	3.46737E-07
6	Morgan County	2-4	5/11/2011	78	7.1	7.94328E-08
6	Morgan County	2-4	5/11/2011	76	6.9	1.25893E-07
6	Morgan County	2-4	5/11/2011	78	6.78	1.65959E-07
6	Morgan County	2-4	5/12/2011	78	7.67	2.13796E-08
6	Morgan County	2-4	5/13/2011	78	7.2	6.30957E-08
6	Morgan County	2-4	5/13/2011	76	6.2	6.30957E-07
6	Morgan County	2-4	5/13/2011	77	6.73	1.86209E-07
6	Morgan County	2-4	5/10/2011	78	7.94	1.14815E-08
6	Morgan County	2-4	5/12/2011	76	5.21	6.16595E-06
6	Morgan County	2-4	5/10/2011	78	8.28	5.24807E-09
6	Morgan County	2-4	5/11/2011	78	7.34	4.57088E-08
6	Morgan County	2-4	5/12/2011	80	8.01	9.77237E-09
6	Morgan County	2-4	5/10/2011	78	8.02	9.54993E-09
6	Morgan County	2-4	5/12/2011	79	7.55	2.81838E-08

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

6	Morgan County	2-4	5/10/2011	80	7.06	8.70964E-08
6	Morgan County	2-4	5/10/2011	78	7.6	2.51189E-08
6	Morgan County	2-4	5/11/2011	77	7.54	2.88403E-08
6	Morgan County	2-4	5/12/2011	80	6.79	1.62181E-07
6	Morgan County	4-6	5/13/2011	77	5.99	1.02329E-06
6	Morgan County	4-6	5/12/2011	79	8.14	7.24436E-09
6	Morgan County	4-6	5/13/2011	79	7.93	1.1749E-08
6	Morgan County	4-6	5/12/2011	79	6.87	1.34896E-07
6	Morgan County	4-6	8/1/2006	78.6	7.1	7.94328E-08
6	Morgan County	4-6	5/12/2011	79	7.83	1.47911E-08
6	Morgan County	4-6	8/1/2006	78.8	7.1	7.94328E-08
6	Morgan County	4-6	5/12/2011	78	8.03	9.33254E-09
6	Morgan County	4-6	8/1/2006	78.3	7.3	5.01187E-08
6	Morgan County	4-6	8/1/2006	79.8	6.7	1.99526E-07
6	Morgan County	4-6	8/1/2006	80	8.1	7.94328E-09
6	Morgan County	4-6	5/10/2011	79	7.61	2.45471E-08
6	Morgan County	4-6	5/10/2011	77	7.67	2.13796E-08
6	Morgan County	4-6	5/12/2011	78	8.02	9.54993E-09
6	Morgan County	4-6	5/11/2011	80	7.99	1.02329E-08
6	Morgan County	4-6	5/11/2011	77	7.67	2.13796E-08
6	Morgan County	6-8	8/2/2006	81.6	7.4	3.98107E-08
6	Morgan County	6-8	5/13/2011	80	8.12	7.58578E-09
6	Morgan County	6-8	5/11/2011	79	7.11	7.76247E-08
6	Morgan County	6-8	5/13/2011	80	7.82	1.51356E-08
6	Morgan County	6-8	8/2/2006	81.5	7.4	3.98107E-08
6	Morgan County	6-8	5/11/2011	79	7.72	1.90546E-08
6	Morgan County	6-8	8/2/2006	82.6	6.2	6.30957E-07
6	Morgan County	6-8	5/10/2011	80	8.11	7.76247E-09
6	Morgan County	6-8	8/2/2006	79.9	7.8	1.58489E-08
6	Morgan County	6-8	5/12/2011	78	8.18	6.60693E-09
6	Morgan County	6-8	5/11/2011	80	7.91	1.23027E-08
6	Morgan County	8-10	5/12/2011	80	7.98	1.04713E-08
6	Morgan County	8-10	5/12/2011	77	7.41	3.89045E-08
6	Morgan County	8-10	5/12/2011	74	7.36	4.36516E-08
6	Morgan County	8-10	5/11/2011	79	7.41	3.89045E-08
6	Morgan County	8-10	5/12/2011	77	7.13	7.4131E-08
6	Morgan County	8-10	5/13/2011	77	8	0.00000001
6	Morgan County	8-10	5/11/2011	78	7.75	1.77828E-08
6	Morgan County	10-12	5/12/2011	81	7.37	4.2658E-08
6	Morgan County	10-12	5/12/2011	78	8.06	8.70964E-09
6	Morgan County	12-14	5/12/2011	79	7.91	1.23027E-08

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
23	7	8.5	0.4019	7.7826	2.48615E-08	7.604

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
2	Ogle County	1-3	4/14/2003	81.2	7	0.0000001
2	Ogle County	1-3	4/14/2003	80.1	7.5	3.16228E-08
2	Ogle County	1-4	4/14/2003	78.3	7.6	2.51189E-08
2	Ogle County	0-3	4/14/2003	82	7.7	1.99526E-08
2	Ogle County	0-2	4/14/2003	80.7	8	0.0000001
2	Ogle County	1-3	4/14/2003	86.9	8.5	3.16228E-09
2	Ogle County	1-3	4/14/2003	81	8.2	6.30957E-09
2	Ogle County	1-3	4/14/2003	81.6	8.2	6.30957E-09
2	Ogle County	8-10	4/14/2003	90.4	7.9	1.25893E-08
2	Ogle County	1-3	4/11/2003	82.7	8.3	5.01187E-09
2	Ogle County	1-3	4/11/2003	81	7.6	2.51189E-08
2	Ogle County	3-5	4/11/2003	85.8	7.8	1.58489E-08
2	Ogle County	1-3	4/11/2003	88.5	8.1	7.94328E-09
2	Ogle County	5-7	4/11/2003	90.5	7.4	3.98107E-08
2	Ogle County	3-5	4/11/2003	79.7	7.1	7.94328E-08
2	Ogle County	3-5	4/11/2003	90.8	8.3	5.01187E-09
2	Ogle County	3-5	4/11/2003	89.3	7.9	1.25893E-08
2	Ogle County	1-3	4/11/2003	93.6	7.8	1.58489E-08
2	Ogle County	4-6	4/14/2003	94.1	8.1	7.94328E-09
2	Ogle County	1-4	4/14/2003	88.4	7.2	6.30957E-08
2	Ogle County	1-4	4/14/2003	86.8	7.5	3.16228E-08
2	Ogle County	1-4	4/14/2003	83.9	7.8	1.58489E-08
2	Ogle County	1-4	4/14/2003	80.4	7.5	3.16228E-08

Electronic Filing - Received, Clerk's Office, 04/18/2012

* * * * * PC# 32 * * * * *

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
89	6.47	8.7	0.5445	7.6711	4.78563E-08	7.320

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
4	Peoria County	0-2	1/12/2009	75	6.73	1.86209E-07
4	Peoria County	0-2	1/12/2009	78	7.57	2.69153E-08
4	Peoria County	0-2	1/7/2009	77	6.5	3.16228E-07
4	Peoria County	0-2	1/12/2009	83	7.64	2.29087E-08
4	Peoria County	0-2	1/12/2009	86	8.04	9.12011E-09
4	Peoria County	0-2	1/9/2009	79	7.59	2.5704E-08
4	Peoria County	0-2	1/9/2009	77	7.31	4.89779E-08
4	Peoria County	0-2	1/13/2009	79	6.5	3.16228E-07
4	Peoria County	0-2	1/12/2009	75	7.3	5.01187E-08
4	Peoria County	0-2	1/13/2009	78	7.39	4.0738E-08
4	Peoria County	0-2	10/9/2007	87	8.5	3.16228E-09
4	Peoria County	0-2	1/8/2009	76	7.77	1.69824E-08
4	Peoria County	0-2	1/8/2009	70	7.38	4.16869E-08
4	Peoria County	0-2	1/8/2009	80	6.75	1.77828E-07
4	Peoria County	0-2	1/14/2009	77	7.51	3.0903E-08
4	Peoria County	0-2	1/7/2009	73	7.51	3.0903E-08
4	Peoria County	0-2	1/7/2009	71	7.23	5.88844E-08
4	Peoria County	0-2	1/14/2009	79	7.52	3.01995E-08
4	Peoria County	0-2	1/13/2009	76	6.49	3.23594E-07
4	Peoria County	2-4	1/8/2009	77	8.08	8.31764E-09
4	Peoria County	2-4	1/8/2009	85	8.3	5.01187E-09
4	Peoria County	2-4	1/9/2009	97	8.56	2.75423E-09
4	Peoria County	2-4	1/9/2009	86	7.76	1.7378E-08
4	Peoria County	2-4	1/12/2009	81	7.76	1.7378E-08
4	Peoria County	2-4	1/12/2009	82	7.16	6.91831E-08
4	Peoria County	2-4	1/13/2009	82	7.83	1.47911E-08
4	Peoria County	2-4	1/13/2009	79	7.43	3.71535E-08
4	Peoria County	2-4	1/13/2009	78	7.43	3.71535E-08
4	Peoria County	2-4	1/13/2009	77	7.94	1.14815E-08
4	Peoria County	2-4	1/14/2009	78	6.77	1.69824E-07
4	Peoria County	2-4	1/8/2009	83	8.52	3.01995E-09
4	Peoria County	2-4	1/13/2009	77	7.89	1.28825E-08
4	Peoria County	2-4	1/7/2009	77	7.26	5.49541E-08
4	Peoria County	2-4	1/8/2009	74	8.38	4.16869E-09

Electronic Filing - Received, Clerk's Office, 04/18/2012

* * * * * PC# 32 * * * * *

4	Peoria County	2-4	10/8/2007	78	7.01	9.77237E-08
4	Peoria County	2-4	10/10/2007	80	7.5	3.16228E-08
4	Peoria County	2-4	10/15/2007	80	6.88	1.31826E-07
4	Peoria County	2-4	1/7/2009	81	8	0.00000001
4	Peoria County	2-4	10/9/2007	82	7.06	8.70964E-08
4	Peoria County	2-4	10/9/2007	76	7.25	5.62341E-08
4	Peoria County	2-4	10/8/2007	79	6.47	3.38844E-07
4	Peoria County	4-6	10/10/2007	79	7.39	4.0738E-08
4	Peoria County	4-6	1/12/2009	79	7.9	1.25893E-08
4	Peoria County	4-6	10/15/2007	82	7.17	6.76083E-08
4	Peoria County	4-6	10/15/2007	79	7.94	1.14815E-08
4	Peoria County	4-6	10/9/2007	81	8.12	7.58578E-09
4	Peoria County	4-6	10/9/2007	82	8.2	6.30957E-09
4	Peoria County	4-6	1/13/2009	79	8.34	4.57088E-09
4	Peoria County	4-6	10/8/2007	89	6.83	1.47911E-07
4	Peoria County	6-8	1/13/2009	83	7.98	1.04713E-08
4	Peoria County	6-8	10/10/2007	76	6.96	1.09648E-07
4	Peoria County	6-8	10/8/2007	78	7.03	9.33254E-08
4	Peoria County	6-8	1/14/2009	81	7.85	1.41254E-08
4	Peoria County	6-8	1/12/2009	77	7.09	8.12831E-08
4	Peoria County	6-8	1/12/2009	76	7.53	2.95121E-08
4	Peoria County	6-8	10/9/2007	81	6.98	1.04713E-07
4	Peoria County	6-8	10/15/2007	79	7.53	2.95121E-08
4	Peoria County	6-8	1/7/2009	82	8.24	5.7544E-09
4	Peoria County	8-10	10/10/2007	87	7.17	6.76083E-08
4	Peoria County	8-10	1/8/2009	76	8.7	1.99526E-09
4	Peoria County	8-10	10/8/2007	81	7.02	9.54993E-08
4	Peoria County	8-10	1/9/2009	87	8.03	9.33254E-09
4	Peoria County	8-10	1/9/2009	81	7.72	1.90546E-08
4	Peoria County	8-10	1/8/2009	81	8.19	6.45654E-09
4	Peoria County	8-10	1/12/2009	86	8.17	6.76083E-09
4	Peoria County	8-10	1/13/2009	87	7.88	1.31826E-08
4	Peoria County	8-10	1/9/2009	80	7.97	1.07152E-08
4	Peoria County	8-10	1/9/2009	82	7.99	1.02329E-08
4	Peoria County	8-10	1/8/2009	82	8.23	5.88844E-09
4	Peoria County	8-10	1/14/2009	86	8.02	9.54993E-09
4	Peoria County	8-10	10/15/2007	78	7.66	2.18776E-08
4	Peoria County	8-10	1/9/2009	81	7.79	1.62181E-08
4	Peoria County	10-12	1/7/2009	86	8.33	4.67735E-09
4	Peoria County	10-12	1/8/2009	81	7.98	1.04713E-08
4	Peoria County	10-12	1/8/2009	82	8.46	3.46737E-09

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

4	Peoria County	10-12	10/9/2007	87	7.28	5.24807E-08
4	Peoria County	10-12	1/12/2009	80	8.41	3.89045E-09
4	Peoria County	10-12	1/13/2009	81	8.04	9.12011E-09
4	Peoria County	10-12	10/15/2007	78	7.55	2.81838E-08
4	Peoria County	10-12	1/13/2009	88	7.96	1.09648E-08
4	Peoria County	10-12	1/7/2009	87	8.41	3.89045E-09
4	Peoria County	12-14	1/7/2009	87	8.1	7.94328E-09
4	Peoria County	12-14	1/12/2009	85	8.09	8.12831E-09
4	Peoria County	12-14	1/13/2009	87	7.98	1.04713E-08
4	Peoria County	14-16	1/8/2009	86	8.27	5.37032E-09
4	Peoria County	14-16	1/12/2009	92	7.66	2.18776E-08
4	Peoria County	14-16	1/13/2009	86	7.96	1.09648E-08
4	Peoria County	14-16	1/7/2009	87	8.34	4.57088E-09
4	Peoria County	14-16	1/9/2009	88	7.82	1.51356E-08

Electronic Filing - Received, Clerk's Office, 04/18/2012

* * * * * PC# 32 * * * * *

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
53	6.9	9.6	0.5446	7.8377	2.62641E-08	7.581

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
2	Rock Island County	1-3	4/25/2003	78.5	8.1	7.94328E-09
2	Rock Island County	1-3	4/25/2003	90.6	8	0.00000001
2	Rock Island County	1-3	4/25/2003	79	8	0.00000001
2	Rock Island County	1-3	4/25/2003	77.6	7.8	1.58489E-08
2	Rock Island County	0-3	4/23/2003	78.8	7.7	1.99526E-08
2	Rock Island County	0-3	4/23/2003	78	8	0.00000001
2	Rock Island County	1-3	4/25/2003	77.8	7.9	1.25893E-08
2	Rock Island County	1-3	4/25/2003	77.8	9	0.000000001
2	Rock Island County	0-3	4/24/2003	86.5	7.1	7.94328E-08
2	Rock Island County	1-3	4/24/2003	91.7	7.8	1.58489E-08
2	Rock Island County	1-3	4/24/2003	86.7	7.2	6.30957E-08
2	Rock Island County	0-3	4/24/2003	89.1	7.9	1.25893E-08
2	Rock Island County	0-3	4/24/2003	90.2	8	0.00000001
2	Rock Island County	1-3	4/22/2003	84.1	7.7	1.99526E-08
2	Rock Island County	1-3	4/22/2003	82.3	7.5	3.16228E-08
2	Rock Island County	0-1	4/23/2003	84	7.9	1.25893E-08
2	Rock Island County	4-7	8/5/2003	79.6	7.4	3.98107E-08
2	Rock Island County	0-3	8/5/2003	80.6	7.3	5.01187E-08
2	Rock Island County	0-1	4/23/2003	78.3	7.6	2.51189E-08
2	Rock Island County	0-1	4/23/2003	75.4	7.6	2.51189E-08
2	Rock Island County	4-6	4/23/2003	79.3	7.5	3.16228E-08
2	Rock Island County	0-3	4/23/2003	75.7	7.1	7.94328E-08
2	Rock Island County	4-8	8/5/2003	77.4	7.9	1.25893E-08
2	Rock Island County	4-5	8/5/2003	81.8	9.6	2.51189E-10
2	Rock Island County	0-3	8/5/2003	80.1	7.8	1.58489E-08
2	Rock Island County	4-7	8/5/2003	79.2	7.6	2.51189E-08
2	Rock Island County	0-2	4/22/2003	87.9	7.6	2.51189E-08
2	Rock Island County	4-9	4/30/2003	80.5	8.4	3.98107E-09
2	Rock Island County	2.5-3.5	4/30/2003	78.9	8	0.00000001
2	Rock Island County	6-8	4/23/2003	81.7	7.6	2.51189E-08
2	Rock Island County	2-4	4/22/2003	89.3	7.1	7.94328E-08
2	Rock Island County	3-5	4/30/2003	83.6	8.4	3.98107E-09
2	Rock Island County	2-4	4/23/2003	84.5	7.9	1.25893E-08

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*****PC# 32*****

2	Rock Island County	4-10	4/30/2003	73.9	7.9	1.25893E-08
2	Rock Island County	1.5-3.5	4/30/2003	81.7	8.1	7.94328E-09
2	Rock Island County	2-6	4/24/2003	82.2	7.3	5.01187E-08
2	Rock Island County	2-5	4/24/2003	78.3	7.3	5.01187E-08
2	Rock Island County	2-5	4/24/2003	77.2	7	0.0000001
2	Rock Island County	5-15	4/30/2003	78.2	8.1	7.94328E-09
2	Rock Island County	5-7	4/22/2003	89	7.8	1.58489E-08
2	Rock Island County	2-4	4/22/2003	87.6	7.7	1.99526E-08
2	Rock Island County	0-3	4/25/2003	82.5	8	0.00000001
2	Rock Island County	0-3	4/25/2003	79.3	9.2	6.30957E-10
2	Rock Island County	0-3	4/25/2003	80.8	8.5	3.16228E-09
2	Rock Island County	0-3	4/25/2003	79.4	8.6	2.51189E-09
2	Rock Island County	0-3	4/25/2003	78.1	8	0.00000001
2	Rock Island County	1-3	4/25/2003	77.4	8.5	3.16228E-09
2	Rock Island County	1-3	4/25/2003	77.3	8.1	7.94328E-09
2	Rock Island County	4-6	2/21/2006	80.3	7.1	7.94328E-08
2	Rock Island County	6-8	2/21/2006	79.8	7.7	1.99526E-08
2	Rock Island County	8-10	2/21/2006	78.7	7.2	6.30957E-08
2	Rock Island County	6-7	2/21/2006	85.4	6.9	1.25893E-07
2	Rock Island County	4-6	2/21/2006	85.8	8.4	3.98107E-09

Soil pH
Saline County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
65	4.1	8.41	1.1098	6.4752	4.26277E-06	5.370

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
9	Saline County	0-4	10/13/2010	80	7.7	1.99526E-08
9	Saline County	0-4	10/13/2010	77	8.41	3.89045E-09
9	Saline County	0-4	10/13/2010	82	5.08	8.31764E-06

Soil pH
Sangamon County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
202	5.23	9.48	0.6789	7.6874	1.29395E-07	6.888

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
6	Sangamon County	6-8	3/4/2010	79	7.98	1.04713E-08
6	Sangamon County	2-4	3/4/2010	76.2	7.84	1.44544E-08
6	Sangamon County	8-10	3/4/2010	76.6	8.17	6.76083E-09
6	Sangamon County	3-5	3/4/2010	75.2	8.08	8.31764E-09
6	Sangamon County	8-10	3/4/2010	78.5	8.36	4.36516E-09
6	Sangamon County	0-1.5	2/3/2010	78.3	8.35	4.46684E-09
6	Sangamon County	0-1.5	2/3/2010	83.4	8.24	5.7544E-09
6	Sangamon County	0-1.5	2/3/2010	81.9	9.48	3.31131E-10
6	Sangamon County	0-1.5	2/3/2010	80.2	8.4	3.98107E-09
6	Sangamon County	8-10	3/4/2010	80.4	8.2	6.30957E-09
6	Sangamon County	8-10	3/4/2010	79.9	8.02	9.54993E-09
6	Sangamon County	3-5	3/4/2010	85.7	8.02	9.54993E-09
6	Sangamon County	2-4	3/4/2010	76.8	8.02	9.54993E-09
6	Sangamon County	8-10	3/4/2010	79	8.23	5.88844E-09
6	Sangamon County	0-4	3/4/2010	73.8	7.85	1.41254E-08
6	Sangamon County	6-8	3/4/2010	75	7.52	3.01995E-08
6	Sangamon County	10-12	3/4/2010	77.2	8.06	8.70964E-09
6	Sangamon County	2-4	3/4/2010	74.7	7.01	9.77237E-08
6	Sangamon County	7-9	3/4/2010	75.1	7.4	3.98107E-08
6	Sangamon County	8-10	3/4/2010	81.8	7.51	3.0903E-08
6	Sangamon County	13-15	3/4/2010	77.8	8.02	9.54993E-09
6	Sangamon County	4-7	2/3/2010	77	7.25	5.62341E-08
6	Sangamon County	4-7	2/3/2010	80.5	7.77	1.69824E-08
6	Sangamon County	15-20	7/5/2011	79	7.26	5.49541E-08
6	Sangamon County	10-15	7/5/2011	79	7.34	4.57088E-08
6	Sangamon County	5-10	7/5/2011	78	7.66	2.18776E-08
6	Sangamon County	5-10	7/5/2011	82	7.34	4.57088E-08
6	Sangamon County	0-5	7/5/2011	77	6.34	4.57088E-07
6	Sangamon County	0-5	7/5/2011	76	5.64	2.29087E-06
6	Sangamon County	15-20	7/5/2011	77	7.08	8.31764E-08
6	Sangamon County	10-15	7/5/2011	80	7.45	3.54813E-08
6	Sangamon County	5-10	7/5/2011	80	7.36	4.36516E-08
6	Sangamon County	5-10	7/5/2011	81	6.89	1.28825E-07
6	Sangamon County	0-5	7/5/2011	78	8.52	3.01995E-09
6	Sangamon County	15-20	7/5/2011	78	7.85	1.41254E-08
6	Sangamon County	10-15	7/5/2011	81	7.51	3.0903E-08
6	Sangamon County	5-10	7/5/2011	80	7.77	1.69824E-08
6	Sangamon County	0-5	7/5/2011	76	7.13	7.4131E-08
6	Sangamon County	0-4	2/3/2010	77.2	7.99	1.02329E-08
6	Sangamon County	0-4	2/3/2010	78.6	7.97	1.07152E-08
6	Sangamon County	10-15	7/5/2011	83	7.35	4.46684E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Sangamon County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
6	Sangamon County	0-2.25	2/3/2010	91.6	8.61	2.45471E-09
6	Sangamon County	0-2.25	2/3/2010	79.9	7.85	1.41254E-08
6	Sangamon County	0-2.25	2/3/2010	84.8	8.08	8.31764E-09
6	Sangamon County	0-2.25	2/3/2010	77.1	9.35	4.46684E-10
6	Sangamon County	5-7	3/4/2010	75.3	8.26	5.49541E-09
6	Sangamon County	9-11	3/4/2010	80.5	7.9	1.25893E-08
6	Sangamon County	5-10	7/5/2011	81	7.61	2.45471E-08
6	Sangamon County	15-20	7/5/2011	80	7.03	9.33254E-08
6	Sangamon County	10-15	7/5/2011	80	7.07	8.51138E-08
6	Sangamon County	0-4	2/4/2010	77.8	5.83	1.47911E-06
6	Sangamon County	0-5	7/5/2011	78	5.23	5.88844E-06
6	Sangamon County	4-7.1	2/4/2010	77.1	7.55	2.81838E-08
6	Sangamon County	0-4	2/4/2010	82.6	7.63	2.34423E-08
6	Sangamon County	4-7.1	2/4/2010	77.1	5.76	1.7378E-06
6	Sangamon County	10-15	7/5/2011	78	6.81	1.54882E-07
6	Sangamon County	5-10	7/5/2011	81	7.13	7.4131E-08
6	Sangamon County	0-5	7/5/2011	77	7.34	4.57088E-08
6	Sangamon County	15-20	7/5/2011	80	6.83	1.47911E-07
6	Sangamon County	10-15	7/5/2011	81	7.7	1.99526E-08
6	Sangamon County	5-10	7/5/2011	80	7.88	1.31826E-08
6	Sangamon County	0-5	7/5/2011	77	5.48	3.31131E-06
6	Sangamon County	15-20	7/5/2011	80	6.99	1.02329E-07
6	Sangamon County	5-10	7/5/2011	81	7.28	5.24807E-08
6	Sangamon County	5-7	3/4/2010	78.4	8.32	4.7863E-09
6	Sangamon County	2-4	3/4/2010	75.2	8.24	5.7544E-09
6	Sangamon County	9-11	3/4/2010	79.3	8.09	8.12831E-09
6	Sangamon County	6-8	3/4/2010	76.8	8.3	5.01187E-09
6	Sangamon County	2-4	3/4/2010	76.5	7.98	1.04713E-08
6	Sangamon County	9-11	3/5/2010	79.3	7.61	2.45471E-08
6	Sangamon County	7-8	3/5/2010	76.2	7.97	1.07152E-08
6	Sangamon County	6-8	3/5/2010	77.1	7.93	1.1749E-08
6	Sangamon County	2-4	3/5/2010	78.4	7.71	1.94984E-08
6	Sangamon County	40275	2/3/2010	79.8	7.74	1.8197E-08
6	Sangamon County	4-7	2/3/2010	77.9	7.89	1.28825E-08
6	Sangamon County	0-4	2/3/2010	78.3	8.06	8.70964E-09
6	Sangamon County	0-4	2/3/2010	79.1	7.81	1.54882E-08
6	Sangamon County	4-8	3/5/2010	80.5	8.02	9.54993E-09
6	Sangamon County	2-4	3/5/2010	77.9	7.79	1.62181E-08
6	Sangamon County	5-7	3/5/2010	78.5	8.18	6.60693E-09
6	Sangamon County	9-11	3/5/2010	78.5	7.54	2.88403E-08
6	Sangamon County	4-8	3/5/2010	78	8.15	7.07946E-09
6	Sangamon County	10-12	3/5/2010	78.8	7.73	1.86209E-08
6	Sangamon County	2-4	3/5/2010	75.6	8.41	3.89045E-09
6	Sangamon County	6-8	3/5/2010	74.2	7.93	1.1749E-08
6	Sangamon County	10-12	3/5/2010	77.8	7.73	1.86209E-08
6	Sangamon County	2-4	3/5/2010	77.5	7.58	2.63027E-08
6	Sangamon County	5-10	2/2/2010	77.2	7.45	3.54813E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Sangamon County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
6	Sangamon County	0-5	2/2/2010	77.1	7.8	1.58489E-08
6	Sangamon County	10-15	2/2/2010	81.2	7.59	2.5704E-08
6	Sangamon County	15-20	2/2/2010	81.7	7.41	3.89045E-08
6	Sangamon County	20-22.6	2/2/2010	83.3	7.43	3.71535E-08
6	Sangamon County	8-11	2/2/2010	76.7	7.75	1.77828E-08
6	Sangamon County	0-4.27	2/2/2010	84.9	7.18	6.60693E-08
6	Sangamon County	0-4.27	2/2/2010	79.2	8.32	4.7863E-09
6	Sangamon County	0-4.27	2/2/2010	78	8.72	1.90546E-09
6	Sangamon County	0.0.5	2/3/2010	69.8	7.78	1.65959E-08
6	Sangamon County	0.0.5	2/3/2010	81	8.21	6.16595E-09
6	Sangamon County	0-5	7/5/2011	77	5.98	1.04713E-06
6	Sangamon County	0-0.5	2/3/2010	79.8	7.96	1.09648E-08
6	Sangamon County	0-0.5	2/3/2010	75.8	8.04	9.12011E-09
6	Sangamon County	0-0.5	2/3/2010	78.6	7.91	1.23027E-08
6	Sangamon County	0-0.5	2/3/2010	80.6	8.39	4.0738E-09
6	Sangamon County	0-0.5	2/3/2010	76.4	8.39	4.0738E-09
6	Sangamon County	15-20	7/5/2011	77	6.84	1.44544E-07
6	Sangamon County	10-15	7/5/2011	81	7.09	8.12831E-08
6	Sangamon County	5-10	7/5/2011	82	7.69	2.04174E-08
6	Sangamon County	5-10	7/5/2011	81	7.65	2.23872E-08
6	Sangamon County	10-15	7/5/2011	80	7.1	7.94328E-08
6	Sangamon County	0-5	7/5/2011	76	6.02	9.54993E-07
6	Sangamon County	5-10	7/5/2011	81	7.57	2.69153E-08
6	Sangamon County	15-20	7/5/2011	80	6.18	6.60693E-07
6	Sangamon County	10-15	2/3/2010	79.3	7.69	2.04174E-08
6	Sangamon County	15-21	2/3/2010	80.3	7.63	2.34423E-08
6	Sangamon County	5-10	2/3/2010	76.1	6.92	1.20226E-07
6	Sangamon County	5-10	2/3/2010	78.9	7.54	2.88403E-08
6	Sangamon County	10-15	2/3/2010	79.8	7.51	3.0903E-08
6	Sangamon County	0-5	2/3/2010	78	6.07	8.51138E-07
6	Sangamon County	0-5	2/1/2010	83.2	8.17	6.76083E-09
6	Sangamon County	0-5	2/1/2010	81.2	8.27	5.37032E-09
6	Sangamon County	5-10	2/1/2010	80.5	7.89	1.28825E-08
6	Sangamon County	10-15	2/1/2010	79.9	7.85	1.41254E-08
6	Sangamon County	5-10	2/1/2010	84.6	8.03	9.33254E-09
6	Sangamon County	5-10	2/1/2010	82.6	8	0.00000001
6	Sangamon County	0-5	2/1/2010	80.4	8.19	6.45654E-09
6	Sangamon County	5-10	2/1/2010	82.5	8.01	9.77237E-09
6	Sangamon County	5-10.5	2/1/2010	80.3	7.67	2.13796E-08
6	Sangamon County	5-10.5	2/1/2010	79.9	7.5	3.16228E-08
6	Sangamon County	0-5	2/1/2010	80.8	8.15	7.07946E-09
6	Sangamon County	5-10.5	2/1/2010	79.8	7.67	2.13796E-08
6	Sangamon County	0-5	2/1/2010	84.2	8.75	1.77828E-09
6	Sangamon County	0-5	2/1/2010	80.3	8.49	3.23594E-09
6	Sangamon County	0-5	2/1/2010	82.4	7.85	1.41254E-08
6	Sangamon County	4-8	2/1/2010	82.5	7.87	1.34896E-08
6	Sangamon County	8-12	2/1/2010	78.6	7.59	2.5704E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Sangamon County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
6	Sangamon County	0-4	2/1/2010	82.3	8.06	8.70964E-09
6	Sangamon County	4-8	2/1/2010	76.5	7.11	7.76247E-08
6	Sangamon County	8-12	2/1/2010	73.5	7.11	7.76247E-08
6	Sangamon County	0-4	2/1/2010	81.6	7.77	1.69824E-08
6	Sangamon County	4-8	2/1/2010	79.8	7.51	3.0903E-08
6	Sangamon County	8-12	2/1/2010	78.3	7.97	1.07152E-08
6	Sangamon County	4-8	2/1/2010	78.7	7.77	1.69824E-08
6	Sangamon County	4-8	2/1/2010	83.6	7.55	2.81838E-08
6	Sangamon County	8-12	2/1/2010	82.8	7.8	1.58489E-08
6	Sangamon County	0-4	2/1/2010	84.4	8.1	7.94328E-09
6	Sangamon County	0-4	2/1/2010	81.4	7.93	1.1749E-08
6	Sangamon County	0-4	2/1/2010	84.4	8.4	3.98107E-09
6	Sangamon County	0-4	2/1/2010	85.3	8.46	3.46737E-09
6	Sangamon County	0-5.5	2/2/2010	80.1	7.76	1.7378E-08
6	Sangamon County	0-5.5	2/2/2010	86.3	8.2	6.30957E-09
6	Sangamon County	0-5.5	2/2/2010	82.1	7.61	2.45471E-08
6	Sangamon County	0-5.5	2/2/2010	83.4	8.02	9.54993E-09
6	Sangamon County	10-15	2/2/2010	79.7	7.32	4.7863E-08
6	Sangamon County	0-5	2/2/2010	83	8.49	3.23594E-09
6	Sangamon County	5-10	2/2/2010	77.6	7.38	4.16869E-08
6	Sangamon County	0-5	2/2/2010	82.5	8.52	3.01995E-09
6	Sangamon County	15-17	2/2/2010	86.8	7.67	2.13796E-08
6	Sangamon County	0-4	2/2/2010	83	8.28	5.24807E-09
6	Sangamon County	4-8	2/2/2010	80.5	8.07	8.51138E-09
6	Sangamon County	0-4	2/2/2010	85	8.55	2.81838E-09
6	Sangamon County	4-8	2/2/2010	80.4	8.09	8.12831E-09
6	Sangamon County	0-4	2/2/2010	84	8.4	3.98107E-09
6	Sangamon County	0-4	2/2/2010	84.5	8.49	3.23594E-09
6	Sangamon County	4-8	2/2/2010	80	8.17	6.76083E-09
6	Sangamon County	0-4	2/2/2010	83.2	8.61	2.45471E-09
6	Sangamon County	4-8	2/2/2010	81.6	8.08	8.31764E-09
6	Sangamon County	4-8	2/4/2010	84.8	7.83	1.47911E-08
6	Sangamon County	4-8	2/4/2010	82	6.78	1.65959E-07
6	Sangamon County	0-4	2/4/2010	85.4	8.04	9.12011E-09
6	Sangamon County	8-12	2/4/2010	83.3	7.04	9.12011E-08
6	Sangamon County	4-8	2/4/2010	82.1	7.31	4.89779E-08
6	Sangamon County	8-12	2/4/2010	83.3	7.97	1.07152E-08
6	Sangamon County	4-8	2/4/2010	79.4	7.6	2.51189E-08
6	Sangamon County	0-4	2/4/2010	80.7	6.76	1.7378E-07
6	Sangamon County	0-4	2/4/2010	80.3	7.74	1.8197E-08
6	Sangamon County	8-12	2/4/2010	81.7	6.69	2.04174E-07
6	Sangamon County	0-4	2/4/2010	79.9	7.66	2.18776E-08
6	Sangamon County	0-4	2/4/2010	77.7	7.17	6.76083E-08
6	Sangamon County	0-4	2/4/2010	83.3	7.66	2.18776E-08
6	Sangamon County	2-4	2/1/2010	81.1	8.77	1.69824E-09
6	Sangamon County	2-4	2/1/2010	82.9	8.29	5.12861E-09
6	Sangamon County	2-4	2/1/2010	82.6	8.75	1.77828E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Sangamon County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(-pH)}
6	Sangamon County	0-4	2/1/2010	85.1	8.9	1.25893E-09

Soil pH
St. Clair County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
1535	3.58	12.2	0.9538	7.6156	1.11095E-06	5.954

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
8	St. Clair County	8-12	9/21/2010	69	4.77	1.69824E-05
8	St. Clair County	4-8	9/21/2010	77	5.39	4.0738E-06
8	St. Clair County	0-4	9/21/2010	87	5.65	2.23872E-06
8	St. Clair County	0-4	9/21/2010	82	5.5	3.16228E-06
8	St. Clair County	4-8	9/21/2010	63	5.22	6.0256E-06
8	St. Clair County	8-12	9/21/2010	77	4.59	2.5704E-05
8	St. Clair County	0-4	9/21/2010	87	7.13	7.4131E-08
8	St. Clair County	0-4	9/21/2010	82	7.21	6.16595E-08
8	St. Clair County	0-4	9/21/2010	79	5.98	1.04713E-06
8	St. Clair County	0-2	1/26/2010	87.9	9.22	6.0256E-10
8	St. Clair County	0-4	9/21/2010	85	7.1	7.94328E-08
8	St. Clair County	0-2	1/26/2010	90	8.79	1.62181E-09
8	St. Clair County	0-2	1/26/2010	86.1	8.77	1.69824E-09
8	St. Clair County	0-2	1/26/2010	89.7	8.42	3.80189E-09
8	St. Clair County	0-2	1/26/2010	83.9	8.63	2.34423E-09
8	St. Clair County	0-4	11/3/2010	93	8.16	6.91831E-09
8	St. Clair County	3-5	11/3/2010	91	8.93	1.1749E-09
8	St. Clair County	2-5	11/3/2010	89	8.87	1.34896E-09
8	St. Clair County	0-4	11/3/2010	92	8.37	4.2658E-09
8	St. Clair County	0-4	11/3/2010	81	8.14	7.24436E-09
8	St. Clair County	0-4	7/29/2010	83	7.97	1.07152E-08
8	St. Clair County	0-4	11/3/2010	97	7.77	1.69824E-08
8	St. Clair County	0-4	11/3/2010	96	8.3	5.01187E-09
8	St. Clair County	0-2	7/29/2010	81	8.14	7.24436E-09
8	St. Clair County	0-2	7/29/2010	88	8.16	6.91831E-09
8	St. Clair County	0-4	11/3/2010	93	8.1	7.94328E-09
8	St. Clair County	4-8	7/29/2010	80	7.37	4.2658E-08
8	St. Clair County	4-8	7/29/2010	83	8.05	8.91251E-09
8	St. Clair County	0-4	9/21/2010	88	7.91	1.23027E-08
8	St. Clair County	4-8	9/21/2010	74	6.66	2.18776E-07
8	St. Clair County	0-4	9/21/2010	85	6.5	3.16228E-07
8	St. Clair County	4-8	9/21/2010	83	6.26	5.49541E-07
8	St. Clair County	8-12	9/21/2010	77	5.74	1.8197E-06
8	St. Clair County	0-4	9/21/2010	86	5.1	7.94328E-06
8	St. Clair County	4-8	11/17/2011	86	8.78	1.65959E-09
8	St. Clair County	4-8	11/17/2011	72.8	8.47	3.38844E-09
8	St. Clair County	0-4	11/17/2011	81.8	7.75	1.77828E-08
8	St. Clair County	0-4	11/17/2011	79.4	7.82	1.51356E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
8	St. Clair County	4-8	11/17/2011	81.4	8.34	4.57088E-09
8	St. Clair County	0-4	11/17/2011	79.8	8.24	5.7544E-09
8	St. Clair County	4-8	11/17/2011	88.8	8.43	3.71535E-09
8	St. Clair County	0-4	11/17/2011	79.8	8.47	3.38844E-09
8	St. Clair County	0-4	11/17/2011	86.6	8.66	2.18776E-09
8	St. Clair County	8-12	11/17/2011	73	8.27	5.37032E-09
8	St. Clair County	0-4	11/9/2011	82.8	7.55	2.81838E-08
8	St. Clair County	4-8	11/9/2011	76	7.65	2.23872E-08
8	St. Clair County	0-4	2/6/2012	82.8	7.87	1.34896E-08
8	St. Clair County	4-9	2/6/2012	83.5	8.18	6.60693E-09
8	St. Clair County	4-8	11/17/2011	68.8	8.07	8.51138E-09
8	St. Clair County	8-12	11/9/2011	70.3	7.85	1.41254E-08
8	St. Clair County	0-5	11/9/2011	76.8	7.76	1.7378E-08
8	St. Clair County	0-5	11/9/2011	83.3	7.79	1.62181E-08
8	St. Clair County	5-10	11/9/2011	73.4	8.25	5.62341E-09
8	St. Clair County	0-5	11/9/2011	75	7.89	1.28825E-08
8	St. Clair County	5-10	11/9/2011	83.2	7.9	1.25893E-08
8	St. Clair County	0-4	11/17/2011	89.4	8.72	1.90546E-09
8	St. Clair County	2-5	11/17/2011	81.7	8.62	2.39883E-09
8	St. Clair County	8-12	11/17/2011	61.9	8.12	7.58578E-09
8	St. Clair County	4-8	11/17/2011	77.8	8.57	2.69153E-09
8	St. Clair County	0-4	11/17/2011	90.7	8.97	1.07152E-09
8	St. Clair County	0-4	11/17/2011	90.9	8.89	1.28825E-09
8	St. Clair County	0-4	11/17/2011	80.5	8.13	7.4131E-09
8	St. Clair County	4-8	11/17/2011	95.2	8.71	1.94984E-09
8	St. Clair County	0-4	7/29/2010	80	7.05	8.91251E-08
8	St. Clair County	4-8	11/9/2011	64.2	8.24	5.7544E-09
8	St. Clair County	8-12	11/9/2011	69.7	7.79	1.62181E-08
8	St. Clair County	0-4	11/9/2011	76.4	7.96	1.09648E-08
8	St. Clair County	12-16	11/9/2011	75.8	8.18	6.60693E-09
8	St. Clair County	0-4	11/17/2011	81.2	8.17	6.76083E-09
8	St. Clair County	4-8	11/17/2011	89.7	9.44	3.63078E-10
8	St. Clair County	0-4	11/9/2011	76.8	8.05	8.91251E-09
8	St. Clair County	0-4	9/21/2010	87	7.6	2.51189E-08
8	St. Clair County	0-4	9/21/2010	88	7.38	4.16869E-08
8	St. Clair County	0-4	9/21/2010	79	5.88	1.31826E-06
8	St. Clair County	0-5	11/10/2011	88.2	7.45	3.54813E-08
8	St. Clair County	0-5	11/11/2011	83.6	7.94	1.14815E-08
8	St. Clair County	0-5	11/11/2011	80.8	7.8	1.58489E-08
8	St. Clair County	0-5	11/11/2011	80.5	7.89	1.28825E-08
8	St. Clair County	0-5	11/11/2011	80.4	7.72	1.90546E-08
8	St. Clair County	4-8	7/29/2010	74	7.77	1.69824E-08
8	St. Clair County	0-4	9/21/2010	91	7.47	3.38844E-08
8	St. Clair County	0-4	9/21/2010	86	6.67	2.13796E-07

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
8	St. Clair County	0-4	9/21/2010	80	4.5	3.16228E-05
8	St. Clair County	0-4	9/21/2010	76	5.76	1.7378E-06
8	St. Clair County	0-4	9/21/2010	94	4.25	5.62341E-05
8	St. Clair County	0-4	9/21/2010	79	5.16	6.91831E-06
8	St. Clair County	0-4	7/29/2010	90	7.71	1.94984E-08
8	St. Clair County	0-4	9/21/2010	89	5.18	6.60693E-06
8	St. Clair County	0-2	11/3/2010	72	7.94	1.14815E-08
8	St. Clair County	4-8	7/29/2010	78	7.75	1.77828E-08
8	St. Clair County	4-6	11/2/2010	82	8.05	8.91251E-09
8	St. Clair County	0-4	11/3/2010	77	7.8	1.58489E-08
8	St. Clair County	0-4	11/3/2010	71	7.84	1.44544E-08
8	St. Clair County	4-7	11/3/2010	80	8.3	5.01187E-09
8	St. Clair County	0-4	11/4/2010	78	7.42	3.80189E-08
8	St. Clair County	4-6	11/4/2010	78	7.95	1.12202E-08
8	St. Clair County	0-4	11/2/2010	88	8.2	6.30957E-09
8	St. Clair County	0-4	7/29/2010	78	7.52	3.01995E-08
8	St. Clair County	0-5	11/11/2011	75.5	7.08	8.31764E-08
8	St. Clair County	0-5	11/11/2011	78	7.13	7.4131E-08
8	St. Clair County	0-4	2/6/2012	77.1	8.79	1.62181E-09
8	St. Clair County	4-7	2/6/2012	77.7	7.86	1.38038E-08
8	St. Clair County	0-8	7/29/2010	76	7.73	1.86209E-08
8	St. Clair County	4-8	7/29/2010	76	6.09	8.12831E-07
8	St. Clair County	0-4	7/29/2010	79	7.49	3.23594E-08
8	St. Clair County	0-5	11/11/2011	79	7.69	2.04174E-08
8	St. Clair County	0-5	11/8/2011	75.6	6.81	1.54882E-07
8	St. Clair County	4-6	11/8/2011	78.4	5.27	5.37032E-06
8	St. Clair County	0-4	11/8/2011	78.8	7.65	2.23872E-08
8	St. Clair County	4-6	11/8/2011	77.4	6.7	1.99526E-07
8	St. Clair County	0-4	11/8/2011	78.1	6.3	5.01187E-07
8	St. Clair County	4-6	11/16/2011	80	8.82	1.51356E-09
8	St. Clair County	0-4	11/16/2011	89.6	9.02	9.54993E-10
8	St. Clair County	0-5	11/8/2011	84.4	7.64	2.29087E-08
8	St. Clair County	15-20	11/8/2011	80.9	8.07	8.51138E-09
8	St. Clair County	10-15	11/8/2011	75.2	7.96	1.09648E-08
8	St. Clair County	5-10	11/8/2011	90.3	7.44	3.63078E-08
8	St. Clair County	0-5	11/8/2011	85.1	7.95	1.12202E-08
8	St. Clair County	5-10	11/8/2011	79.4	7.87	1.34896E-08
8	St. Clair County	0-4	11/16/2011	90.2	8.34	4.57088E-09
8	St. Clair County	10-15	11/8/2011	76.5	7.97	1.07152E-08
8	St. Clair County	0-5	11/8/2011	86.2	7.47	3.38844E-08
8	St. Clair County	0-4	11/16/2011	92.6	9.02	9.54993E-10
8	St. Clair County	4-6	11/16/2011	79.7	8.1	7.94328E-09
8	St. Clair County	0-4	11/16/2011	90.8	8.81	1.54882E-09
8	St. Clair County	4-6	11/16/2011	89.8	8.89	1.28825E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	St. Clair County	0-4	11/8/2011	78.6	8.01	9.77237E-09
8	St. Clair County	4-8	11/8/2011	71.9	7.45	3.54813E-08
8	St. Clair County	5-10	11/8/2011	71.9	7.89	1.28825E-08
8	St. Clair County	0-5	11/8/2011	78.6	7.92	1.20226E-08
8	St. Clair County	5-10	11/8/2011	77	7.98	1.04713E-08
8	St. Clair County	10-15	11/8/2011	74.6	7.92	1.20226E-08
8	St. Clair County	5-10	11/8/2011	80.9	7.62	2.39883E-08
8	St. Clair County	0-5	11/8/2011	86.8	8.06	8.70964E-09
8	St. Clair County	0-5	11/8/2011	86.2	7.98	1.04713E-08
8	St. Clair County	0-3	11/4/2010	82	8.47	3.38844E-09
8	St. Clair County	0-4	11/4/2010	81	8.49	3.23594E-09
8	St. Clair County	0-4	11/4/2010	90	8.57	2.69153E-09
8	St. Clair County	10-15	11/8/2011	79.2	8.18	6.60693E-09
8	St. Clair County	5-10	11/8/2011	84.5	8.3	5.01187E-09
8	St. Clair County	0-4	11/4/2010	87	8.05	8.91251E-09
8	St. Clair County	0-5	11/8/2011	90	7.99	1.02329E-08
8	St. Clair County	4-7	2/6/2012	80.5	10	1E-10
8	St. Clair County	0-4	7/29/2010	75	5.49	3.23594E-06
8	St. Clair County	4-8	7/29/2010	77	5.38	4.16869E-06
8	St. Clair County	0-4	2/6/2012	82.1	8.32	4.7863E-09
8	St. Clair County	0-4	2/6/2012	87.2	8.09	8.12831E-09
8	St. Clair County	4-7	2/6/2012	81.2	7.87	1.34896E-08
8	St. Clair County	4-8	2/6/2012	84.5	8.43	3.71535E-09
8	St. Clair County	0-4	2/6/2012	79.7	9.63	2.34423E-10
8	St. Clair County	0-4	2/6/2012	78.8	7.79	1.62181E-08
8	St. Clair County	0-5	11/2/2010	84	7.69	2.04174E-08
8	St. Clair County	5-10	11/2/2010	71	6.98	1.04713E-07
8	St. Clair County	0-5	11/2/2010	78	7.62	2.39883E-08
8	St. Clair County	5-10	11/2/2010	72	5.44	3.63078E-06
8	St. Clair County	0-5	11/2/2010	84	8.56	2.75423E-09
8	St. Clair County	4-8	11/2/2010	75	7	0.0000001
8	St. Clair County	0-4	11/2/2010	80	7.79	1.62181E-08
8	St. Clair County	4-7	11/2/2010	77	7.25	5.62341E-08
8	St. Clair County	4-8	2/6/2012	77.4	5.15	7.07946E-06
8	St. Clair County	0-4	2/6/2012	77.9	7.77	1.69824E-08
8	St. Clair County	4-8	7/29/2010	73	7.54	2.88403E-08
8	St. Clair County	5-10	11/2/2010	72	6.58	2.63027E-07
8	St. Clair County	0-4	7/29/2010	71	7.7	1.99526E-08
8	St. Clair County	5-10	11/2/2010	78	7.68	2.0893E-08
8	St. Clair County	0-5	11/2/2010	82	8.36	4.36516E-09
8	St. Clair County	0-4	11/16/2011	74.6	8.2	6.30957E-09
8	St. Clair County	8-12	11/16/2011	70.8	8.66	2.18776E-09
8	St. Clair County	4-8	11/16/2011	71	8.46	3.46737E-09
8	St. Clair County	0-4	11/16/2011	93.8	12.2	6.30957E-13

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	St. Clair County	0-5	11/16/2011	81.1	8.35	4.46684E-09
8	St. Clair County	0-5	11/16/2011	84.9	8.35	4.46684E-09
8	St. Clair County	0-5	11/16/2011	91.1	8.83	1.47911E-09
8	St. Clair County	0-4	9/21/2010	79	7.73	1.86209E-08
8	St. Clair County	4-8	9/21/2010	77	8.98	1.04713E-09
8	St. Clair County	0-4	9/21/2010	90	9.61	2.45471E-10
8	St. Clair County	8-12	11/16/2011	77	7.96	1.09648E-08
8	St. Clair County	4-8	11/16/2011	70	7.66	2.18776E-08
8	St. Clair County	7-12	11/16/2011	76.4	7.78	1.65959E-08
8	St. Clair County	0-4	9/22/2010	88	9.46	3.46737E-10
8	St. Clair County	4-8	11/16/2011	71.8	7.79	1.62181E-08
8	St. Clair County	0-4	11/16/2011	86.5	8.52	3.01995E-09
8	St. Clair County	8-12	11/16/2011	75.7	7.77	1.69824E-08
8	St. Clair County	4-8	11/16/2011	76	8.17	6.76083E-09
8	St. Clair County	0-4	11/16/2011	90.9	8.87	1.34896E-09
8	St. Clair County	4-6	11/16/2011	88.4	8.46	3.46737E-09
8	St. Clair County	0-4	11/16/2011	82.5	8.75	1.77828E-09
8	St. Clair County	0-4	11/2/2010	81	7.76	1.7378E-08
8	St. Clair County	4-7	11/2/2010	76	7.08	8.31764E-08
8	St. Clair County	0-4	11/2/2010	82	7.87	1.34896E-08
8	St. Clair County	0-4	9/21/2010	92	8.48	3.31131E-09
8	St. Clair County	0-5	11/16/2011	91.4	8.35	4.46684E-09
8	St. Clair County	0-4	9/22/2010	87	8.86	1.38038E-09
8	St. Clair County	4-8	9/22/2010	86	7.57	2.69153E-08
8	St. Clair County	0-4	9/21/2010	80	7.2	6.30957E-08
8	St. Clair County	4-8	9/21/2010	77	6.46	3.46737E-07
8	St. Clair County	0-4	9/21/2010	84	9.66	2.18776E-10
8	St. Clair County	4-8	9/21/2010	85	7.05	8.91251E-08
8	St. Clair County	8-12	11/16/2011	74.4	7.59	2.5704E-08
8	St. Clair County	0-4	11/16/2011	90.5	10.2	6.30957E-11
8	St. Clair County	4-6	11/16/2011	77.4	9.31	4.89779E-10
8	St. Clair County	0-4	9/22/2010	82	7.76	1.7378E-08
8	St. Clair County	0-5	11/16/2011	88.2	8.57	2.69153E-09
8	St. Clair County	0-5	11/16/2011	89.1	8.35	4.46684E-09
8	St. Clair County	4-8	9/21/2010	76	7.54	2.88403E-08
8	St. Clair County	0-3	10/4/2010	81	7.42	3.80189E-08
8	St. Clair County	0-3	10/4/2010	81	6.91	1.23027E-07
8	St. Clair County	0-3	10/4/2010	78	8.2	6.30957E-09
8	St. Clair County	0-3	10/4/2010	79	8.06	8.70964E-09
8	St. Clair County	0-3	10/4/2010	78	7.71	1.94984E-08
8	St. Clair County	0-3	10/4/2010	78	7.66	2.18776E-08
8	St. Clair County	0-3	10/4/2010	75	7.51	3.0903E-08
8	St. Clair County	0-3	10/4/2010	75	8.04	9.12011E-09
8	St. Clair County	0-3	10/4/2010	79	7.44	3.63078E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	St. Clair County	0-3	10/4/2010	79	8.28	5.24807E-09
8	St. Clair County	0-3	10/4/2010	79	8.24	5.7544E-09
8	St. Clair County	0-4	11/16/2011	82.3	7.72	1.90546E-08
8	St. Clair County	0-3	10/4/2010	80	7.56	2.75423E-08
8	St. Clair County	0-3	10/4/2010	81	8.23	5.88844E-09
8	St. Clair County	0-3	10/4/2010	75	7.99	1.02329E-08
8	St. Clair County	0-4	9/22/2010	85	9	0.00000001
8	St. Clair County	4-8	9/22/2010	80	8.06	8.70964E-09
8	St. Clair County	8-12	9/22/2010	75	6.97	1.07152E-07
8	St. Clair County	0-4	9/23/2010		6.51	3.0903E-07
8	St. Clair County	4-8	9/23/2010		6.8	1.58489E-07
8	St. Clair County	8-12	9/23/2010		7.67	2.13796E-08
8	St. Clair County	0-4	9/23/2010		7.51	3.0903E-08
8	St. Clair County	4-8	9/23/2010		8.73	1.86209E-09
8	St. Clair County	0-4	9/23/2010		7.37	4.2658E-08
8	St. Clair County	0-3	10/4/2010	80	8.15	7.07946E-09
8	St. Clair County	8-12	9/23/2010		8.32	4.7863E-09
8	St. Clair County	0 - 4	4/26/2011	88.6	8.36	4.36516E-09
8	St. Clair County	0 - 4	4/26/2011	79.5	8.19	6.45654E-09
8	St. Clair County	4 - 8	4/26/2011	77.8	7.99	1.02329E-08
8	St. Clair County	0-4	9/22/2010	82	6.74	1.8197E-07
8	St. Clair County	0-4	9/22/2010	77	7.15	7.07946E-08
8	St. Clair County	0-3	10/4/2010	78	7.94	1.14815E-08
8	St. Clair County	0-3	10/4/2010	79	7.81	1.54882E-08
8	St. Clair County	0-4	9/22/2010	83	7.39	4.0738E-08
8	St. Clair County	0-4	9/23/2010		7.66	2.18776E-08
8	St. Clair County	8-12	9/23/2010		6.75	1.77828E-07
8	St. Clair County	0-3	10/4/2010	79	8	0.00000001
8	St. Clair County	0-3	10/4/2010	77	8.07	8.51138E-09
8	St. Clair County	0-4	9/22/2010	86	8.02	9.54993E-09
8	St. Clair County	4 - 8	4/26/2011	82.3	8.56	2.75423E-09
8	St. Clair County	0 - 4	4/26/2011	94.5	8.7	1.99526E-09
8	St. Clair County	0-4	9/23/2010		6.95	1.12202E-07
8	St. Clair County	0-4	9/23/2010		8.08	8.31764E-09
8	St. Clair County	4-8	9/23/2010		6.99	1.02329E-07
8	St. Clair County	8-12	9/23/2010		6.92	1.20226E-07
8	St. Clair County	4-8	9/22/2010	78	6.71	1.94984E-07
8	St. Clair County	0-4	9/22/2010	82	7.72	1.90546E-08
8	St. Clair County	0-3	10/4/2010	78	8.67	2.13796E-09
8	St. Clair County	4-8	9/23/2010		7.96	1.09648E-08
8	St. Clair County	0-4	11/3/2010	82	8.33	4.67735E-09
8	St. Clair County	0-4	11/3/2010	96	7.43	3.71535E-08
8	St. Clair County	0-2	7/29/2010	90	7.92	1.20226E-08
8	St. Clair County	8-12	9/23/2010		7.97	1.07152E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	St. Clair County	0-4	9/22/2010	78	3.93	0.00011749
8	St. Clair County	0-4	9/23/2010		7.83	1.47911E-08
8	St. Clair County	8-12	9/23/2010		8.69	2.04174E-09
8	St. Clair County	0-4	9/23/2010		7.91	1.23027E-08
8	St. Clair County	4-8	9/23/2010		6.95	1.12202E-07
8	St. Clair County	8-12	9/23/2010		6.44	3.63078E-07
8	St. Clair County	0-4	9/23/2010		7.87	1.34896E-08
8	St. Clair County	0-4	9/23/2010		7.84	1.44544E-08
8	St. Clair County	4-8	9/23/2010		7.86	1.38038E-08
8	St. Clair County	0-2	7/29/2010	75	6.69	2.04174E-07
8	St. Clair County	0-4	9/22/2010	78	6.74	1.8197E-07
8	St. Clair County	0-4	9/22/2010	81	6.05	8.91251E-07
8	St. Clair County	0-4	9/22/2010	81	6.56	2.75423E-07
8	St. Clair County	0-4	9/22/2010	82	7.04	9.12011E-08
8	St. Clair County	0-4	11/3/2010	84	8.51	3.0903E-09
8	St. Clair County	4-8	9/22/2010	78	6.22	6.0256E-07
8	St. Clair County	0-4	11/3/2010	95	7.97	1.07152E-08
8	St. Clair County	4-8	9/23/2010		6.8	1.58489E-07
8	St. Clair County	0-4	11/3/2010	88	8.98	1.04713E-09
8	St. Clair County	0-4	9/22/2010	82	6.24	5.7544E-07
8	St. Clair County	0-4	9/22/2010	85	7.23	5.88844E-08
8	St. Clair County	0-4	9/22/2010	81	6.42	3.80189E-07
8	St. Clair County	1-4	11/3/2010	97	7.53	2.95121E-08
8	St. Clair County	0-4	11/3/2010	71	8.24	5.7544E-09
8	St. Clair County	2-5	11/3/2010	93	8.98	1.04713E-09
8	St. Clair County	0-4	11/3/2010	87	9.2	6.30957E-10
8	St. Clair County	4-8	9/22/2010	78	7.61	2.45471E-08
8	St. Clair County	0-4	9/23/2010		7.89	1.28825E-08
8	St. Clair County	0-5	11/17/2011	85.7	8.2	6.30957E-09
8	St. Clair County	0-4	11/17/2011	79.9	8.47	3.38844E-09
8	St. Clair County	0-4	11/17/2011	76.4	9.12	7.58578E-10
8	St. Clair County	0-4	11/17/2011	72.4	8.49	3.23594E-09
8	St. Clair County	0-4	11/17/2011	82.1	8.35	4.46684E-09
8	St. Clair County	0-4	11/17/2011	84.7	8.08	8.31764E-09
8	St. Clair County	0-4	11/17/2011	77.6	8.63	2.34423E-09
8	St. Clair County	0-4	11/17/2011	89.2	9.39	4.0738E-10
8	St. Clair County	5-10	11/9/2011	77.2	7.33	4.67735E-08
8	St. Clair County	0-4	11/9/2011	71.5	7.9	1.25893E-08
8	St. Clair County	4-8	11/9/2011	83.3	8.03	9.33254E-09
8	St. Clair County	0-4	11/9/2011	92.3	7.88	1.31826E-08
8	St. Clair County	0-4	11/9/2011	78.5	7.83	1.47911E-08
8	St. Clair County	4-8	11/9/2011	80.9	7.69	2.04174E-08
8	St. Clair County	8-12	11/9/2011	77	8.03	9.33254E-09
8	St. Clair County	0-5	11/17/2011	78	7.94	1.14815E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(pH)}
8	St. Clair County	0-5	11/9/2011	78	7.57	2.69153E-08
8	St. Clair County	0-5	11/9/2011	73.3	7.16	6.91831E-08
8	St. Clair County	0-5	11/9/2011	84.7	7.62	2.39883E-08
8	St. Clair County	5-10	11/9/2011	74.5	7.63	2.34423E-08
8	St. Clair County	0-5	11/9/2011	70.7	7.56	2.75423E-08
8	St. Clair County	5-10	11/9/2011	94.5	8.04	9.12011E-09
8	St. Clair County	0-5	11/9/2011	80.1	7.64	2.29087E-08
8	St. Clair County	0-5	11/9/2011	79.8	7.61	2.45471E-08
8	St. Clair County	0-5	11/9/2011	74.7	7.48	3.31131E-08
8	St. Clair County	12-16	11/9/2011	69.5	8.1	7.94328E-09
8	St. Clair County	0-4	3/5/2012	81	7.27	5.37032E-08
8	St. Clair County	0-2	3/5/2012	82.6	7.08	8.31764E-08
8	St. Clair County	0-2	3/5/2012	84.5	5.47	3.38844E-06
8	St. Clair County	4-9	2/6/2012	82.6	6.72	1.90546E-07
8	St. Clair County	0-4	2/6/2012	85.4	7.84	1.44544E-08
8	St. Clair County	0-4	3/5/2012	81	7.54	2.88403E-08
8	St. Clair County	0-2	3/5/2012	81.6	7.64	2.29087E-08
8	St. Clair County	0-4	3/5/2012	82.2	8.29	5.12861E-09
8	St. Clair County	0-2	3/5/2012	80	6.8	1.58489E-07
8	St. Clair County	0-4	3/5/2012	79.8	6.09	8.12831E-07
8	St. Clair County	4-8	9/22/2010	82	7.08	8.31764E-08
8	St. Clair County	0-4	9/22/2010	77	7.27	5.37032E-08
8	St. Clair County	0-4	9/22/2010	77	7.43	3.71535E-08
8	St. Clair County	4-8	9/22/2010	79	9.13	7.4131E-10
8	St. Clair County	8-12	9/22/2010	75	8.88	1.31826E-09
8	St. Clair County	0-4	9/22/2010	83	7.68	2.0893E-08
8	St. Clair County	0-3	11/4/2010	76	8.15	7.07946E-09
8	St. Clair County	0-4	11/4/2010	83	8.16	6.91831E-09
8	St. Clair County	0-4	11/4/2010	83	8.04	9.12011E-09
8	St. Clair County	0-4	11/4/2010	74	7.97	1.07152E-08
8	St. Clair County	0-4	11/4/2010	77	7.57	2.69153E-08
8	St. Clair County	0-3	11/4/2010	75	7.85	1.41254E-08
8	St. Clair County	0-4	11/3/2010	83	8	0.00000001
8	St. Clair County	0-4	11/4/2010	88	7.69	2.04174E-08
8	St. Clair County	0-2	7/29/2010	81	7.27	5.37032E-08
8	St. Clair County	0-2	7/29/2010	78	6.04	9.12011E-07
8	St. Clair County	0-2	7/29/2010	76	6.9	1.25893E-07
8	St. Clair County	0-2	7/29/2010	78	6.91	1.23027E-07
8	St. Clair County	4-7	11/16/2011	76.9	8.24	5.7544E-09
8	St. Clair County	0-4	11/16/2011	83.9	8.39	4.0738E-09
8	St. Clair County	4-7	11/16/2011	82.6	8.95	1.12202E-09
8	St. Clair County	0-4	9/23/2010		7.26	5.49541E-08
8	St. Clair County	0-2	7/29/2010	82	7.15	7.07946E-08
8	St. Clair County	0-4	9/23/2010		9.31	4.89779E-10

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Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	St. Clair County	4-8	9/23/2010		8.31	4.89779E-09
8	St. Clair County	0-2	7/29/2010	81	7.16	6.91831E-08
8	St. Clair County	4-8	9/23/2010		6.4	3.98107E-07
8	St. Clair County	4-8	9/23/2010		7.96	1.09648E-08
8	St. Clair County	0-4	9/23/2010		6.01	9.77237E-07
8	St. Clair County	4 - 6	4/26/2011	78.4	7.89	1.28825E-08
8	St. Clair County	0-4	7/29/2010	74	6.55	2.81838E-07
8	St. Clair County	0 - 4	4/26/2011	87	8.44	3.63078E-09
8	St. Clair County	0-4	7/29/2010	79	8.46	3.46737E-09
8	St. Clair County	0 - 4	4/26/2011	79.8	8.08	8.31764E-09
8	St. Clair County	4 - 6	4/26/2011	88.2	8.35	4.46684E-09
8	St. Clair County	0-5	11/10/2011	93.2	7.2	6.30957E-08
8	St. Clair County	0-5	11/10/2011	92	7.64	2.29087E-08
8	St. Clair County	0-5	11/10/2011	85.7	7.7	1.99526E-08
8	St. Clair County	0-5	11/10/2011	83.9	7.69	2.04174E-08
8	St. Clair County	0-5	11/10/2011	98.8	8.75	1.77828E-09
8	St. Clair County	0-5	11/10/2011	99.8	8.76	1.7378E-09
8	St. Clair County	0-5	11/10/2011	92	8.03	9.33254E-09
8	St. Clair County	0-5	11/10/2011	87.9	8.03	9.33254E-09
8	St. Clair County	0-5	11/10/2011	88.5	7.07	8.51138E-08
8	St. Clair County	0 - 4	4/26/2011	88.6	8.24	5.7544E-09
8	St. Clair County	4 - 6	4/26/2011	80.6	8.31	4.89779E-09
8	St. Clair County	0 - 4	4/26/2011	90.9	8.34	4.57088E-09
8	St. Clair County	4 - 6	4/26/2011	82.7	8.41	3.89045E-09
8	St. Clair County	0 - 4	4/26/2011	80.1	7.96	1.09648E-08
8	St. Clair County	0-5	11/10/2011	93.2	8.18	6.60693E-09
8	St. Clair County	0-5	11/11/2011	79.2	7.75	1.77828E-08
8	St. Clair County	0-5	11/11/2011	86	7.88	1.31826E-08
8	St. Clair County	0-4	11/11/2011	82.2	7.93	1.1749E-08
8	St. Clair County	0-5	11/11/2011	79.4	7.4	3.98107E-08
8	St. Clair County	0-4	11/11/2011	80.1	7.09	8.12831E-08
8	St. Clair County	0-4	3/5/2012	77.5	7.21	6.16595E-08
8	St. Clair County	0-5	3/5/2012	80.6	8.01	9.77237E-09
8	St. Clair County	0-5	3/5/2012	78.1	7.75	1.77828E-08
8	St. Clair County	5-10	3/5/2012	77.5	7.51	3.0903E-08
8	St. Clair County	10-15	3/5/2012	76.8	7.78	1.65959E-08
8	St. Clair County	0-5	3/5/2012	81	7.92	1.20226E-08
8	St. Clair County	5-10	3/5/2012	78.1	7.46	3.46737E-08
8	St. Clair County	5-10	3/5/2012	79.5	7.56	2.75423E-08
8	St. Clair County	0-4	3/5/2012	76.1	7.37	4.2658E-08
8	St. Clair County	0-5	3/5/2012	77.7	7.64	2.29087E-08
8	St. Clair County	0-5	3/5/2012	78.2	7.37	4.2658E-08
8	St. Clair County	0-5	3/5/2012	79.5	8.06	8.70964E-09
8	St. Clair County	0-5	3/5/2012	78.1	7.6	2.51189E-08

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Andrews Engineering, Inc.

Soil pH
St. Clair County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
8	St. Clair County	0-5	3/5/2012	76.6	7.43	3.71535E-08
8	St. Clair County	0-5	3/5/2012	80.2	7.08	8.31764E-08
8	St. Clair County	0-5	3/5/2012	78.5	7.48	3.31131E-08
8	St. Clair County	5-10	3/5/2012	78.3	7.48	3.31131E-08
8	St. Clair County	10-15	3/5/2012	76.7	7.27	5.37032E-08
8	St. Clair County	0-2	3/5/2012	95.6	8.47	3.38844E-09
8	St. Clair County	0-2	3/5/2012	88.3	8.63	2.34423E-09
8	St. Clair County	0-4	3/5/2012	74.4	7.62	2.39883E-08
8	St. Clair County	0-5	11/11/2011	81.6	7.99	1.02329E-08
8	St. Clair County	0-5	11/11/2011	81.9	7.72	1.90546E-08
8	St. Clair County	0-5	11/11/2011	83.2	7.97	1.07152E-08
8	St. Clair County	0-5	11/11/2011	81.4	7.9	1.25893E-08
8	St. Clair County	0-5	11/11/2011	81.1	7.92	1.20226E-08
8	St. Clair County	0-5	11/11/2011	86.2	6.82	1.51356E-07
8	St. Clair County	0-5	11/11/2011	84.6	7.58	2.63027E-08
8	St. Clair County	0-5	11/11/2011	81.9	7.35	4.46684E-08
8	St. Clair County	0-5	11/11/2011	84.6	8.09	8.12831E-09
8	St. Clair County	0-5	11/11/2011	79.8	7.82	1.51356E-08
8	St. Clair County	0-5	11/11/2011	81.1	7.58	2.63027E-08
8	St. Clair County	0-4	11/10/2011	85.9	8.22	6.0256E-09
8	St. Clair County	0-4	11/10/2011	89.8	7.62	2.39883E-08
8	St. Clair County	0-4	11/10/2011	83	7.88	1.31826E-08
8	St. Clair County	0-5	11/10/2011	83.5	8.51	3.0903E-09
8	St. Clair County	0-5	11/10/2011	81.3	6.71	1.94984E-07
8	St. Clair County	0-5	11/10/2011	82.3	7.29	5.12861E-08
8	St. Clair County	0-5	11/10/2011	89.8	7.4	3.98107E-08
8	St. Clair County	0-5	11/10/2011	82.3	7.13	7.4131E-08
8	St. Clair County	0-5	11/10/2011	83.6	7.97	1.07152E-08
8	St. Clair County	0-5	11/10/2011	86.3	7.97	1.07152E-08
8	St. Clair County	0-5	11/10/2011	83.6	7	0.0000001

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
3	6.4	6.8	0.2000	6.6000	2.69262E-07	6.570

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration $10^{(-pH)}$
2	Stephenson County	0-0	12/5/2005	76.7	6.6	2.51189E-07
2	Stephenson County	0-0	12/5/2005	65.1	6.4	3.98107E-07
2	Stephenson County	0-0	12/5/2005	74.5	6.8	1.58489E-07

Soil pH
Tazewell County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
97	4.35	8.8	0.9621	7.4815	1.42965E-06	5.845

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
4	Tazewll County	4-6	4/7/2010	95	8.8	1.58489E-09
4	Tazewll County	4-6	4/7/2010	78	7.95	1.12202E-08
4	Tazewll County	2-4	4/7/2010	77	7.67	2.13796E-08
4	Tazewll County	2-4	4/7/2010	78	7.73	1.86209E-08
4	Tazewll County	2-4	4/7/2010	79	7.99	1.02329E-08
4	Tazewll County	2-4	4/7/2010	77	7.8	1.58489E-08
4	Tazewll County	4-6	4/7/2010	79	8.19	6.45654E-09
4	Tazewll County	2-4	4/7/2010	78	7.84	1.44544E-08
4	Tazewll County	2-4	4/7/2010	79	7.76	1.7378E-08
4	Tazewll County	2-4	4/7/2010	78	7.75	1.77828E-08
4	Tazewll County	2-4	4/7/2010	77	7.14	7.24436E-08
4	Tazewll County	2-4	4/7/2010	76	7.24	5.7544E-08
4	Tazewll County	2-4	4/7/2010	82	7.67	2.13796E-08
4	Tazewll County	2-4	4/7/2010	81	8.03	9.33254E-09
4	Tazewll County	2-4	4/7/2010	94	8.34	4.57088E-09
4	Tazewll County	2-4	4/7/2010	97	8.78	1.65959E-09
4	Tazewll County	2-4	4/7/2010	77	8.42	3.80189E-09
4	Tazewll County	2-4	4/7/2010	94	8.47	3.38844E-09
4	Tazewll County	2-4	4/6/2010	96	8.46	3.46737E-09
4	Tazewll County	2-4	4/6/2010	95	7.8	1.58489E-08
4	Tazewll County	2-4	4/6/2010	96	8.24	5.7544E-09
4	Tazewll County	2-4	4/6/2010	82	7.82	1.51356E-08
4	Tazewll County	2-4	4/6/2010	80	7.54	2.88403E-08
4	Tazewll County	2-4	4/6/2010	81	7.86	1.38038E-08
4	Tazewll County	0-1	4/6/2010	94	8.63	2.34423E-09
4	Tazewll County	0-1	4/6/2010	95	8.3	5.01187E-09
4	Tazewll County	8-10	4/6/2010	78	7.64	2.29087E-08
4	Tazewll County	6-8	4/6/2010	77	7.42	3.80189E-08
4	Tazewll County	2-4	4/6/2010	87	8.13	7.4131E-09
4	Tazewll County	2-4	4/6/2010	78	7.12	7.58578E-08
4	Tazewll County	6-8	4/6/2010	81	7.95	1.12202E-08
4	Tazewll County	2-4	4/6/2010	86	7.79	1.62181E-08
4	Tazewll County	6-8	4/6/2010	81	8.03	9.33254E-09
4	Tazewll County	6-8	4/6/2010	81	7.95	1.12202E-08
4	Tazewll County	2-4	4/6/2010	84	8.45	3.54813E-09
4	Tazewll County	8-10	4/6/2010	82	8.46	3.46737E-09
4	Tazewll County	8-10	4/6/2010	79	8.38	4.16869E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Tazewell County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 [^] (-pH)
4	Tazewll County	2-4	4/6/2010	76	7.49	3.23594E-08
4	Tazewll County	6-8	4/6/2010	78	8.01	9.77237E-09
4	Tazewll County	3-5	4/6/2010	83	8.34	4.57088E-09
4	Tazewll County	2-4	4/6/2010	74	7.23	5.88844E-08
4	Tazewll County	2-4	4/6/2010	79	7.2	6.30957E-08
4	Tazewll County	2-4	4/6/2010	78	6.81	1.54882E-07
4	Tazewll County	2-4	4/6/2010	75	7.4	3.98107E-08
4	Tazewll County	2-4	4/6/2010	82	7.81	1.54882E-08
4	Tazewll County	2-4	4/6/2010	74	7.41	3.89045E-08
4	Tazewll County	2-4	4/6/2010	79	7.78	1.65959E-08
4	Tazewll County	8-10	4/6/2010	76	7.36	4.36516E-08
4	Tazewll County	2-4	4/6/2010	80	7.29	5.12861E-08
4	Tazewll County	7-9	4/6/2010	78	6.83	1.47911E-07
4	Tazewll County	1-3	4/6/2010	77	7.05	8.91251E-08
4	Tazewll County	9-11	4/6/2010	77	6.98	1.04713E-07
4	Tazewll County	2-4	4/6/2010	76	7.35	4.46684E-08
4	Tazewll County	6-8	4/6/2010	78	7.5	3.16228E-08
4	Tazewll County	3-5	4/6/2010	81	7.25	5.62341E-08
4	Tazewll County	9-11	4/6/2010	73	6.97	1.07152E-07
4	Tazewll County	8-10	4/6/2010	78	7.53	2.95121E-08
4	Tazewll County	2-4	4/6/2010	81	5.57	2.69153E-06
4	Tazewll County	6-8	4/6/2010	79	5.04	9.12011E-06
4	Tazewll County	8-10	4/6/2010	77	6.31	4.89779E-07
4	Tazewll County	8-10	4/6/2010	77	7.35	4.46684E-08
4	Tazewll County	3-5	4/6/2010	80	7.52	3.01995E-08
4	Tazewll County	6-8	4/5/2010	79	7.22	6.0256E-08
4	Tazewll County	2-4	4/5/2010	79	7.45	3.54813E-08
4	Tazewll County	6-8	4/5/2010	77	6.95	1.12202E-07
4	Tazewll County	3-4	4/5/2010	79	7.64	2.29087E-08
4	Tazewll County	3-5	4/5/2010	77	7.79	1.62181E-08
4	Tazewll County	7-9	4/5/2010	76	7.96	1.09648E-08
4	Tazewll County	7-9	4/5/2010	83	8.15	7.07946E-09
4	Tazewll County	7-9	4/5/2010	81	7.68	2.0893E-08
4	Tazewll County	2-4	4/5/2010	75	7.66	2.18776E-08
4	Tazewll County	5-7	4/5/2010	78	7.8	1.58489E-08
4	Tazewll County	6-7	4/5/2010	74	7.67	2.13796E-08
4	Tazewll County	3-5	4/5/2010	77	6.08	8.31764E-07
4	Tazewll County	4-6	4/5/2010	74	5.4	3.98107E-06
4	Tazewll County	2-4	4/5/2010	76	5.51	3.0903E-06
4	Tazewll County	2-4	4/5/2010	83	8.21	6.16595E-09
4	Tazewll County	2-4	4/5/2010	85	8.25	5.62341E-09
4	Tazewll County	2-4	4/5/2010	79	7.77	1.69824E-08
4	Tazewll County	2-4	4/5/2010	77	8.07	8.51138E-09

Multiple county projects are not included in the County evaluations.

Andrews Engineering, Inc.

Soil pH
Tazewell County

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt	Hydrogen Ion Concentration 10 ^{^(-pH)}
4	Tazewll County	1-3	4/5/2010	86	7.85	1.41254E-08
4	Tazewll County	2-4	4/5/2010	83	8.38	4.16869E-09
4	Tazewll County	2-4	4/5/2010	88	8.36	4.36516E-09
4	Tazewll County	2-4	4/5/2010	84	7.97	1.07152E-08
4	Tazewll County	2-4	4/5/2010	85	8.45	3.54813E-09
4	Tazewll County	2-4	4/5/2010	93	8.71	1.94984E-09
4	Tazewll County	2-4	4/5/2010	80	4.62	2.39883E-05
4	Tazewll County	2-4	4/5/2010	83	8.01	9.77237E-09
4	Tazewll County	2-4	4/5/2010	76	5.63	2.34423E-06
4	Tazewll County	2-4	4/5/2010	86	8.23	5.88844E-09
4	Tazewll County	2-4	4/5/2010	76	4.35	4.46684E-05
4	Tazewll County	2-4	4/5/2010	76	4.48	3.31131E-05
4	Tazewll County	2-4	4/5/2010	74	5.02	9.54993E-06
4	Tazewll County	2-4	4/5/2010	77	5.63	2.34423E-06
4	Tazewll County	2-4	4/5/2010	75	7.03	9.33254E-08
4	Tazewll County	2-4	4/5/2010	77	7.81	1.54882E-08
4	Tazewll County	2-4	4/5/2010	76	7	0.0000001

Electronic Filing - Received, Clerk's Office, 04/18/2012

*****PC# 32*****

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
9	4.8	9.3	1.2894	7.0667	2.08112E-06	5.682

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
4	Warren County	2.5-4	11/5/2003	78.4	7.1	7.94328E-08
4	Warren County	1.5-3	11/5/2003	79	6.9	1.25893E-07
4	Warren County	1.5-2.5	11/5/2003	91.1	7.4	3.98107E-08
4	Warren County	1-2.5	11/5/2003	80.4	7.1	7.94328E-08
4	Warren County	1-4	11/5/2003	81.3	7.5	3.16228E-08
4	Warren County	1-3	11/5/2003	82.6	7.9	1.25893E-08
4	Warren County	1-3.5	11/5/2003	77.1	4.8	1.58489E-05
4	Warren County	1-3	11/5/2003	75.3	9.3	5.01187E-10
4	Warren County	2.5-3.5	11/5/2003	75.9	5.6	2.51189E-06

Soil pH
Whiteside County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Log Mean	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
46	5	9.72	0.9428	7.8522	8.3610	4.00193E-07	6.398

District No	County	Sample Depth	Sample Date	% Solids	pH	Log pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
2	Whiteside County	20-25	4/5/2011	85.2	9.72	2.27419	1.90546E-10
2	Whiteside County	5-10	4/5/2011	84.8	8.99	2.19611	1.02329E-09
2	Whiteside County	10-15	4/5/2011	81.8	8.44	2.13298	3.63078E-09
2	Whiteside County	15-20	4/5/2011	72.8	8.39	2.12704	4.0738E-09
2	Whiteside County	n/a	4/5/2011	82.8	7.98	2.07694	1.04713E-08
2	Whiteside County	15-20	4/5/2011	71	7.92	2.06939	1.20226E-08
2	Whiteside County	20-25	4/5/2011	70.5	8.37	2.12465	4.2658E-09
2	Whiteside County	10-15	4/5/2011	73.5	7.78	2.05156	1.65959E-08
2	Whiteside County	0-5	4/5/2011	83	7.81	2.05540	1.54882E-08
2	Whiteside County	5-10	4/5/2011	75.6	8.11	2.09310	7.76247E-09
2	Whiteside County	0-5	4/5/2011	85	8.1	2.09186	7.94328E-09
2	Whiteside County	15-20	4/5/2011	87.6	8	2.07944	0.00000001
2	Whiteside County	10-15	4/5/2011	92.6	8.63	2.15524	2.34423E-09
2	Whiteside County	5-10	4/5/2011	95.8	8.41	2.12942	3.89045E-09
2	Whiteside County	0-5	4/5/2011	93.5	9.08	2.20607	8.31764E-10
2	Whiteside County	0-5	4/5/2011	90.2	8.28	2.11384	5.24807E-09

Soil pH
Will County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
803	5.1	10	0.5144	7.9478	3.78883E-08	7.421

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 ^{^(-pH)}
1	Will County	0-3	12/13/2011	84	8.22	6.0256E-09
1	Will County	0-3	12/13/2011	77	8.58	2.63027E-09
1	Will County	0-3	12/13/2011	78	7.59	2.5704E-08
1	Will County	0-4.25	12/13/2011	83	7.82	1.51356E-08
1	Will County	0-4	12/13/2011	80	6.99	1.02329E-07
1	Will County	0-4.25	12/13/2011	83	7.54	2.88403E-08
1	Will County	0-4.25	12/13/2011	86	8.09	8.12831E-09
1	Will County	0-5	12/15/2011	80	8.51	3.0903E-09
1	Will County	0-5	12/15/2011	81	7.63	2.34423E-08
1	Will County	0-5	12/15/2011	82	8.65	2.23872E-09
1	Will County	0-5	12/15/2011	80	8.44	3.63078E-09
1	Will County	0-5	12/15/2011	84	8.04	9.12011E-09
1	Will County	0-5	12/15/2011	84	8.17	6.76083E-09
1	Will County	0-5	12/15/2011	82	8.27	5.37032E-09
1	Will County	0-5	12/15/2011	81	8.3	5.01187E-09
1	Will County	0-5	12/15/2011	80	8.47	3.38844E-09
1	Will County	0-5	12/15/2011	78	8.45	3.54813E-09
1	Will County	0-5	12/15/2011	79	8.09	8.12831E-09
1	Will County	0-5	12/15/2011	80	8.01	9.77237E-09
1	Will County	0-5	12/15/2011	80	8.06	8.70964E-09
1	Will County	0-5	12/15/2011	80	8.66	2.18776E-09
1	Will County	0-5	12/15/2011	79	8.47	3.38844E-09
1	Will County	0-5	12/15/2011	77	8.31	4.89779E-09
1	Will County	0-6.5	12/12/2011	88	8.47	3.38844E-09
1	Will County	0-6.5	12/12/2011	87	8.24	5.7544E-09
1	Will County	0-6.5	12/12/2011	86	8.4	3.98107E-09
1	Will County	0-2	12/15/2011	74	7.91	1.23027E-08
1	Will County	0-2	12/15/2011	81	8.46	3.46737E-09
1	Will County	0-2	12/15/2011	74	8	0.00000001
1	Will County	0-3	12/13/2011	84	8.19	6.45654E-09
1	Will County	0-3	12/13/2011	80	8.34	4.57088E-09
1	Will County	0-3	12/13/2011	84	6.96	1.09648E-07
1	Will County	0-4.25	12/13/2011	81	7.52	3.01995E-08
1	Will County	0-4.25	12/13/2011	82	7.49	3.23594E-08
1	Will County	0-4.25	12/13/2011	83	7.85	1.41254E-08
1	Will County	0-4.25	12/13/2011	84	8.26	5.49541E-09
1	Will County	0-4.25	12/13/2011	75	7.58	2.63027E-08
1	Will County	0-5	12/15/2011	85	8.4	3.98107E-09
1	Will County	0-6	10/28/2010	91	8.1	7.94328E-09
1	Will County	0-6	10/28/2010	94	8.7	1.99526E-09
1	Will County	0-6	10/28/2010	95	8.77	1.69824E-09
1	Will County	0-5	12/15/2011	90	8.59	2.5704E-09
1	Will County	0-5	12/15/2011	80	8.34	4.57088E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	0-5	12/15/2011	80	8.39	4.0738E-09
1	Will County	0-5	12/15/2011	81	8.33	4.67735E-09
1	Will County	0-4	11/2/2010	74	7.59	2.5704E-08
1	Will County	4-8	11/2/2010	79	7.86	1.38038E-08
1	Will County	4-8	10/29/2010	82	7.76	1.7378E-08
1	Will County	0-4	10/29/2010	83	7.59	2.5704E-08
1	Will County	4-8	11/1/2010	80	8.14	7.24436E-09
1	Will County	0-4	11/1/2010	89	8.97	1.07152E-09
1	Will County	4-8	11/2/2010	78	7.11	7.76247E-08
1	Will County	0-4	11/1/2010	87	8.59	2.5704E-09
1	Will County	0-4	11/2/2010	81	7.8	1.58489E-08
1	Will County	0-3.6	11/1/2010	87	8.74	1.8197E-09
1	Will County	4-8	11/2/2010	80	7.62	2.39883E-08
1	Will County	0-4	11/1/2010	89	8.87	1.34896E-09
1	Will County	0-8	11/2/2010	93	9.2	6.30957E-10
1	Will County	0-8	11/2/2010	92	9.13	7.4131E-10
1	Will County	0-5.5	11/2/2010	86	8.8	1.58489E-09
1	Will County	0-4	11/2/2010	81	8.41	3.89045E-09
1	Will County	0-4	11/2/2010	93	9.28	5.24807E-10
1	Will County	0-4	11/2/2010	94	9.24	5.7544E-10
1	Will County	0-3.5	11/2/2010	96	9.35	4.46684E-10
1	Will County	0-8	11/2/2010	94	8.52	3.01995E-09
1	Will County	0-9	12/12/2011	87	8.41	3.89045E-09
1	Will County	0-2.1	10/28/2010	88	9.29	5.12861E-10
1	Will County	0-3.5	10/28/2010	93	9.09	8.12831E-10
1	Will County	0-2.8	11/1/2010	86	8.47	3.38844E-09
1	Will County	0-5	12/8/2011	82	7.8	1.58489E-08
1	Will County	0-5	12/8/2011	87	8.43	3.71535E-09
1	Will County	5-9	12/12/2011	87	8.29	5.12861E-09
1	Will County	0-5	12/12/2011	84	8.2	6.30957E-09
1	Will County	5-9	12/8/2011	84	8.45	3.54813E-09
1	Will County	5-9	12/8/2011	84	7.68	2.0893E-08
1	Will County	0-5	12/8/2011	81	7.63	2.34423E-08
1	Will County	5-9	12/8/2011	82	8.26	5.49541E-09
1	Will County	0-5	12/8/2011	83	8.24	5.7544E-09
1	Will County	5-9	12/8/2011	83	8.57	2.69153E-09
1	Will County	0-5	12/8/2011	81	7.83	1.47911E-08
1	Will County	5-9	12/8/2011	85	7.99	1.02329E-08
1	Will County	0-5	12/8/2011	83	7.82	1.51356E-08
1	Will County	0-5	11/1/2010	89	8.57	2.69153E-09
1	Will County	4-8	11/2/2010	75	7.69	2.04174E-08
1	Will County	0-4	11/2/2010	89	8.45	3.54813E-09
1	Will County	4-8	11/1/2010	83	7.62	2.39883E-08
1	Will County	0-4	11/2/2010	86	8.78	1.65959E-09
1	Will County	4-8	11/1/2010	84	8.34	4.57088E-09
1	Will County	0-4	11/1/2010	86	8.76	1.7378E-09
1	Will County	4-8	11/2/2010	83	7.84	1.44544E-08
1	Will County	0-4	11/2/2010	91	8.37	4.2658E-09
1	Will County	0-4	11/1/2010	86	8.83	1.47911E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	0-4	11/2/2010	76	7.47	3.38844E-08
1	Will County	2-4	12/15/2011	84	7.82	1.51356E-08
1	Will County	0-5	12/15/2011	86	8.05	8.91251E-09
1	Will County	5-10	12/15/2011	94	8.38	4.16869E-09
1	Will County	0-6	12/13/2011	78	7.67	2.13796E-08
1	Will County	0-6	12/13/2011	79	7.97	1.07152E-08
1	Will County	0-6	12/13/2011	77	7.6	2.51189E-08
1	Will County	0-6	12/13/2011	84	7.52	3.01995E-08
1	Will County	0-6	12/13/2011	89	8.17	6.76083E-09
1	Will County	0-6	12/13/2011	79	7.68	2.0893E-08
1	Will County	0-6	12/13/2011	81	7.36	4.36516E-08
1	Will County	0-6	12/13/2011	77	6.51	3.0903E-07
1	Will County	0-6	12/13/2011	78	7.72	1.90546E-08
1	Will County	0-6	12/13/2011	83	7.66	2.18776E-08
1	Will County	0-4	10/28/2010	90	7.83	1.47911E-08
1	Will County	4-8	10/28/2010	89	8.41	3.89045E-09
1	Will County	0-4	11/1/2010	82	8.24	5.7544E-09
1	Will County	0-4	11/1/2010	81	8.35	4.46684E-09
1	Will County	4-8	11/1/2010	91	8.82	1.51356E-09
1	Will County	4-8	10/28/2010	88	7.76	1.7378E-08
1	Will County	0-4	10/28/2010	89	7.8	1.58489E-08
1	Will County	5-10	12/15/2011	85	8.51	3.0903E-09
1	Will County	0-5	12/15/2011	79	7.74	1.8197E-08
1	Will County	5-10	12/15/2011	80	8.29	5.12861E-09
1	Will County	0-5	12/15/2011	80	8.29	5.12861E-09
1	Will County	0-5	12/15/2011	81	8.17	6.76083E-09
1	Will County	0-2	12/15/2011	77	7.9	1.25893E-08
1	Will County	0-2	12/15/2011	78	7.8	1.58489E-08
1	Will County	0-2	12/15/2011	79	7.81	1.54882E-08
1	Will County	0-2	12/15/2011	77	7.7	1.99526E-08
1	Will County	0-5	12/9/2011	83	7.99	1.02329E-08
1	Will County	0-5	12/9/2011	81	8.21	6.16595E-09
1	Will County	0-5	12/9/2011	77	7.99	1.02329E-08
1	Will County	0-5	12/9/2011	85	6.94	1.14815E-07
1	Will County	0-5	12/9/2011	83	7.34	4.57088E-08
1	Will County	0-5	12/9/2011	82	7.4	3.98107E-08
1	Will County	0-5	12/9/2011	85	7.29	5.12861E-08
1	Will County	0-5	12/9/2011	81	7.56	2.75423E-08
1	Will County	0-5	12/9/2011	85	8.38	4.16869E-09
1	Will County	0-5	12/9/2011	84	8.22	6.0256E-09
1	Will County	0-5	12/9/2011	85	8.29	5.12861E-09
1	Will County	0-5	12/9/2011	82	8.29	5.12861E-09
1	Will County	0-5	12/9/2011	80	7.56	2.75423E-08
1	Will County	0-5	12/9/2011	83	8.31	4.89779E-09
1	Will County	0-5	12/8/2011	82	7.29	5.12861E-08
1	Will County	0-5	12/9/2011	85	8.24	5.7544E-09
1	Will County	0-5	12/9/2011	85	8.25	5.62341E-09
1	Will County	0-5	12/9/2011	84	8.34	4.57088E-09
1	Will County	0-5	12/8/2011	82	7.27	5.37032E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	0-5	12/9/2011	87	8.28	5.24807E-09
1	Will County	0-5	12/8/2011	83	7.38	4.16869E-08
1	Will County	0-2.25	12/9/2011	80	7.06	8.70964E-08
1	Will County	0-2.25	12/9/2011	80	7.79	1.62181E-08
1	Will County	0-2.25	12/9/2011	83	7.55	2.81838E-08
1	Will County	0-2.25	12/9/2011	80	6.92	1.20226E-07
1	Will County	0-2.25	12/9/2011	79	7.27	5.37032E-08
1	Will County	0-5	12/8/2011	80	7.74	1.8197E-08
1	Will County	0-5	12/7/2011	79	7.66	2.18776E-08
1	Will County	0-5	12/7/2011	81	7.56	2.75423E-08
1	Will County	0-5	12/8/2011	81	7.87	1.34896E-08
1	Will County	0-5	12/8/2011	84	7.9	1.25893E-08
1	Will County	0-5	12/8/2011	85	8.57	2.69153E-09
1	Will County	0-5	12/8/2011	83	7.83	1.47911E-08
1	Will County	0-5	12/8/2011	73	7.47	3.38844E-08
1	Will County	0-5	12/8/2011	81	7.8	1.58489E-08
1	Will County	0-5	12/8/2011	85	8.18	6.60693E-09
1	Will County	0-2.25	12/12/2011	86	8.49	3.23594E-09
1	Will County	0-2.25	12/12/2011	86	8.18	6.60693E-09
1	Will County	0-2.25	12/12/2011	82	7.5	3.16228E-08
1	Will County	0-4.25	12/7/2011	74	7.25	5.62341E-08
1	Will County	0-4.25	12/7/2011	82	7.49	3.23594E-08
1	Will County	0-4.25	12/12/2011	79	8.31	4.89779E-09
1	Will County	0-4.25	12/12/2011	82	7.9	1.25893E-08
1	Will County	0-4.25	12/12/2011	84	8.46	3.46737E-09
1	Will County	0-4.25	12/12/2011	83	8.29	5.12861E-09
1	Will County	0-4.25	12/7/2011	80	8.47	3.38844E-09
1	Will County	0-4.25	12/7/2011	85	8.13	7.4131E-09
1	Will County	0-4.25	12/12/2011	84	7.59	2.5704E-08
1	Will County	0-4.25	12/8/2011	78	7.8	1.58489E-08
1	Will County	0-4.25	12/7/2011	80	8	0.00000001
1	Will County	0-4.25	12/12/2011	84	7.58	2.63027E-08
1	Will County	0-3.2	12/7/2011	85	8.48	3.31131E-09
1	Will County	0-3.2	12/7/2011	78	7.82	1.51356E-08
1	Will County	0-3.2	12/7/2011	75	7.35	4.46684E-08
1	Will County	0-3.2	12/7/2011	80	7.74	1.8197E-08
1	Will County	0-4	10/29/2010	90	8.71	1.94984E-09
1	Will County	0-4	11/1/2010	87	7.85	1.41254E-08
1	Will County	4-7	11/1/2010	86	7.82	1.51356E-08
1	Will County	4-7	10/29/2010	87	7.56	2.75423E-08
1	Will County	0-4	10/28/2010	86	7.89	1.28825E-08
1	Will County	4-7	10/28/2010	85	7.76	1.7378E-08
1	Will County	0-4	10/28/2010	86	7.88	1.31826E-08
1	Will County	0-2.5	12/7/2011	86	8.15	7.07946E-09
1	Will County	0-2.5	12/7/2011	79	7.72	1.90546E-08
1	Will County	0-2.5	12/7/2011	77	7.13	7.4131E-08
1	Will County	0-2.5	12/7/2011	79	7.55	2.81838E-08
1	Will County	0-2.5	12/7/2011	81	7.29	5.12861E-08
1	Will County	0-2.5	12/7/2011	67	7.66	2.18776E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	0-4.5	12/7/2011	85	7.71	1.94984E-08
1	Will County	0-4.5	12/7/2011	87	7.83	1.47911E-08
1	Will County	0-4.5	12/7/2011	87	8.11	7.76247E-09
1	Will County	0-4.5	12/7/2011	84	8.18	6.60693E-09
1	Will County	0-4.5	12/7/2011	77	7.29	5.12861E-08
1	Will County	0-4.5	12/7/2011	76	7.44	3.63078E-08
1	Will County	0-4	12/7/2011	85	8.19	6.45654E-09
1	Will County	0-4	12/6/2011	82	7.69	2.04174E-08
1	Will County	0-7.5	12/7/2011	85	7.9	1.25893E-08
1	Will County	0-4	12/7/2011	88	8.06	8.70964E-09
1	Will County	4-7.5	12/7/2011	86	8.14	7.24436E-09
1	Will County	4-7.5	12/6/2011	86	8.06	8.70964E-09
1	Will County	4-7.5	12/7/2011	82	8.24	5.7544E-09
1	Will County	4-7.5	12/7/2011	83	8.28	5.24807E-09
1	Will County	0-4	12/6/2011	84	7.89	1.28825E-08
1	Will County	0-4	12/7/2011	85	8.2	6.30957E-09
1	Will County	4-7.5	12/6/2011	86	7.92	1.20226E-08
1	Will County	0-4	12/6/2011	82	8.1	7.94328E-09
1	Will County	4-7.5	12/6/2011	84	7.84	1.44544E-08
1	Will County	0-4	12/6/2011	83	8.07	8.51138E-09
1	Will County	0-4.4	12/7/2011	81	6.94	1.14815E-07
1	Will County	0-4.4	12/7/2011	81	7.13	7.4131E-08
1	Will County	0-3	12/7/2011	76	8.12	7.58578E-09
1	Will County	0-3	12/7/2011	80	7.58	2.63027E-08
1	Will County	0-3	12/7/2011	79	8.28	5.24807E-09
1	Will County	0-2.5	12/7/2011	85	8.33	4.67735E-09
1	Will County	0-2.5	12/7/2011	79	8.11	7.76247E-09
1	Will County	0-3.5	12/6/2011	80	7.39	4.0738E-08
1	Will County	0-3.5	12/6/2011	81	7.75	1.77828E-08
1	Will County	0-3.5	12/6/2011	84	7.92	1.20226E-08
1	Will County	0-3.5	12/7/2011	78	7.65	2.23872E-08
1	Will County	0-3.5	12/7/2011	78	7.58	2.63027E-08
1	Will County	0-4.5	12/6/2011	85	8.24	5.7544E-09
1	Will County	0-4.5	12/6/2011	91	8.04	9.12011E-09
1	Will County	0-4.5	12/6/2011	78	8.02	9.54993E-09
1	Will County	0-4.5	12/6/2011	80	8.04	9.12011E-09
1	Will County	0-4.5	12/6/2011	84	7.92	1.20226E-08
1	Will County	0-6.5	12/6/2011	77	7.8	1.58489E-08
1	Will County	0-6.5	12/6/2011	80	7.68	2.0893E-08
1	Will County	0-6.5	12/6/2011	76	7.82	1.51356E-08
1	Will County	0-6.5	12/6/2011	79	7.99	1.02329E-08
1	Will County	0-6.5	12/6/2011	77	7.71	1.94984E-08
1	Will County	0-6.5	12/6/2011	82	7.53	2.95121E-08
1	Will County	0-6.5	12/6/2011	75	7.36	4.36516E-08
1	Will County	0-6.5	12/6/2011	77	7.14	7.24436E-08
1	Will County	0-6.5	12/6/2011	83	8.05	8.91251E-09
1	Will County	0-6.5	12/6/2011	85	8.2	6.30957E-09
1	Will County	4-7	10/29/2010	86	7.53	2.95121E-08
1	Will County	0-4	10/29/2010	85	8.19	6.45654E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	0-4	10/28/2010	85	7.99	1.02329E-08
1	Will County	4-7	10/29/2010	87	7.41	3.89045E-08
1	Will County	0-4	10/29/2010	81	7.95	1.12202E-08
1	Will County	4-7	10/29/2010	86	8.23	5.88844E-09
1	Will County	0-4	10/29/2010	84	8.26	5.49541E-09
1	Will County	4-7	10/28/2010	87	7.74	1.8197E-08
1	Will County	0-5	10/29/2010	85	7.07	8.51138E-08
1	Will County	0-5	10/28/2010	84	7.52	3.01995E-08
1	Will County	0-5	10/28/2010	84	7.59	2.5704E-08
1	Will County	0-5	10/29/2010	84	7.8	1.58489E-08
1	Will County	0-6	10/29/2010	85	9.1	7.94328E-10
1	Will County	0-6	11/1/2010	82	8.48	3.31131E-09
1	Will County	0-4	11/1/2011	80	7.58	2.63027E-08
1	Will County	4-8	11/1/2011	82	7.68	2.0893E-08
1	Will County	4-8	11/1/2011	83	8.69	2.04174E-09
1	Will County	0-4	11/1/2011	79	8.64	2.29087E-09
1	Will County	9-13.5	11/3/2011	85	8.02	9.54993E-09
1	Will County	0-4.5	11/3/2011	84	8.4	3.98107E-09
1	Will County	4.5-9	11/3/2011	85	8.4	3.98107E-09
1	Will County	9-13.5	11/3/2011	84	8.47	3.38844E-09
1	Will County	0-4.5	11/3/2011	79	7.57	2.69153E-08
1	Will County	4.5-9	11/3/2011	84	7.95	1.12202E-08
1	Will County	0-4.5	11/3/2011	77	6.98	1.04713E-07
1	Will County	0-5	11/2/2011	85	7.98	1.04713E-08
1	Will County	0-5	11/3/2011	85	8.28	5.24807E-09
1	Will County	5-10	11/2/2011	85	7.68	2.0893E-08
1	Will County	0-5	11/2/2011	82	7.76	1.7378E-08
1	Will County	5-10	11/2/2011	82	7.87	1.34896E-08
1	Will County	0-4	11/2/2011	77	7.97	1.07152E-08
1	Will County	0-4	11/2/2011	82	7.76	1.7378E-08
1	Will County	0-4	11/2/2011	81	8.28	5.24807E-09
1	Will County	5-10	11/3/2011	85	8.28	5.24807E-09
1	Will County	9-13.5	11/3/2011	85	8.4	3.98107E-09
1	Will County	0-4.5	11/3/2011	84	8.34	4.57088E-09
1	Will County	4.5-9	11/3/2011	86	8.36	4.36516E-09
1	Will County	9-13.5	11/3/2011	85	8.46	3.46737E-09
1	Will County	0-3	11/2/2011	83	8.28	5.24807E-09
1	Will County	0-3	11/2/2011	84	8.44	3.63078E-09
1	Will County	0-3	11/3/2011	91	8.61	2.45471E-09
1	Will County	4.5-9	11/3/2011	86	8.35	4.46684E-09
1	Will County	0-3	11/3/2011	83	9.36	4.36516E-10
1	Will County	0-3	11/3/2011	87	9.21	6.16595E-10
1	Will County	0-3	11/3/2011	79	8.48	3.31131E-09
1	Will County	0-3	11/3/2011	79	8.78	1.65959E-09
1	Will County	0-3	11/3/2011	84	8.03	9.33254E-09
1	Will County	4.5-9	11/2/2011	85	8.23	5.88844E-09
1	Will County	0-3	11/3/2011	92	8.43	3.71535E-09
1	Will County	0-4.5	11/3/2011	85	8.24	5.7544E-09
1	Will County	0-4.5	11/2/2011	83	7.66	2.18776E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	4.5-9	11/2/2011	85	8.45	3.54813E-09
1	Will County	0-4.5	11/2/2011	84	8.36	4.36516E-09
1	Will County	9-13.5	11/2/2011	86	8.28	5.24807E-09
1	Will County	0-4.5	11/2/2011	84	8.19	6.45654E-09
1	Will County	0-4.5	11/2/2011	85	8.41	3.89045E-09
1	Will County	4.5-9	11/2/2011	85	8.2	6.30957E-09
1	Will County	9-13.5	11/2/2011	85	8.05	8.91251E-09
1	Will County	0-4.5	11/2/2011	81	8.46	3.46737E-09
1	Will County	4.5-9	11/2/2011	85	7.98	1.04713E-08
1	Will County	9-13.5	11/2/2011	79	7.63	2.34423E-08
1	Will County	9-13.5	11/2/2011	86	7.96	1.09648E-08
1	Will County	0-3	11/3/2011	75	7.44	3.63078E-08
1	Will County	0-3	11/3/2011	79	8.34	4.57088E-09
1	Will County	0-3	11/3/2011	83	8.74	1.8197E-09
1	Will County	0-8	11/1/2011	79	7.44	3.63078E-08
1	Will County	0-4	11/1/2011	83	8.39	4.0738E-09
1	Will County	4-8	11/1/2011	86	8.33	4.67735E-09
1	Will County	0-4	11/1/2011	80	8.14	7.24436E-09
1	Will County	0-4	11/1/2011	77	7.66	2.18776E-08
1	Will County	4-8	11/1/2011	77	7.49	3.23594E-08
1	Will County	0-4	11/1/2011	85	8.3	5.01187E-09
1	Will County	4-8	11/1/2011	86	8.14	7.24436E-09
1	Will County	0-4	11/1/2011	84	7.96	1.09648E-08
1	Will County	4-8	11/1/2011	82	7.72	1.90546E-08
1	Will County	0-4	11/1/2011	81	6.93	1.1749E-07
1	Will County	4-8	11/1/2011	84	8.19	6.45654E-09
1	Will County	4-8	11/1/2011	86	8.18	6.60693E-09
1	Will County	0-4	11/1/2011	83	8.34	4.57088E-09
1	Will County	0-4	11/1/2011	83	8.29	5.12861E-09
1	Will County	4-8	11/1/2011	85	8.28	5.24807E-09
1	Will County	0-4	11/1/2011	83	7.65	2.23872E-08
1	Will County	0-8	11/1/2011	81	8	0.00000001
1	Will County	0-3	11/1/2011	85	7.72	1.90546E-08
1	Will County	0-4	11/1/2011	79	8.44	3.63078E-09
1	Will County	0-4	11/1/2011	81	8.19	6.45654E-09
1	Will County	4-8	11/1/2011	84	8.31	4.89779E-09
1	Will County	0-4	11/1/2011	83	8.97	1.07152E-09
1	Will County	0-4	11/1/2011	77	7.77	1.69824E-08
1	Will County	4-8	11/1/2011	84	8.39	4.0738E-09
1	Will County	0-4	11/1/2011	79	7.94	1.14815E-08
1	Will County	4-8	11/1/2011	85	8.24	5.7544E-09
1	Will County	4-8	11/1/2011	86	8.04	9.12011E-09
1	Will County	0-3	11/1/2011	86	8.52	3.01995E-09
1	Will County	0-4	11/1/2011	81	8.22	6.0256E-09
1	Will County	0-3	11/2/2011	82	7.97	1.07152E-08
1	Will County	0-3	11/2/2011	75	8.5	3.16228E-09
1	Will County	0-3	11/2/2011	78	7.78	1.65959E-08
1	Will County	0-3	11/2/2011	81	7.65	2.23872E-08
1	Will County	4-8	11/2/2011	73	7.74	1.8197E-08

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH
Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	0-3	11/2/2011	79	8.14	7.24436E-09
1	Will County	0-3	11/2/2011	67	7.72	1.90546E-08
1	Will County	0-3	11/2/2011	75	7.35	4.46684E-08
1	Will County	0-3	11/2/2011	62	7.49	3.23594E-08
1	Will County	0-3	11/2/2011	67	7.92	1.20226E-08
1	Will County	0-3	11/2/2011	71	7.42	3.80189E-08
1	Will County	4-8	11/2/2011	72	7.56	2.75423E-08
1	Will County	0-4	11/2/2011	69	7.96	1.09648E-08
1	Will County	0-4	11/2/2011	71	7.69	2.04174E-08
1	Will County	0-3	11/1/2011	82	7.18	6.60693E-08
1	Will County	0-4	11/2/2011	79	8.23	5.88844E-09
1	Will County	0-3	11/2/2011	81	9.22	6.0256E-10
1	Will County	0-4	11/1/2011	82	7.79	1.62181E-08
1	Will County	4-8	11/1/2011	84	7.93	1.1749E-08
1	Will County	0-3	11/1/2011	82	8.5	3.16228E-09
1	Will County	0-4	11/1/2011	81	7.46	3.46737E-08
1	Will County	0-3	11/1/2011	82	7.48	3.31131E-08
1	Will County	0-3	11/1/2011	84	7.19	6.45654E-08
1	Will County	0-3	11/1/2011	85	8.53	2.95121E-09
1	Will County	0-8	11/2/2011	87	7.45	3.54813E-08
1	Will County	0-4	11/2/2011	93	8.79	1.62181E-09
1	Will County	4-8	11/2/2011	83	7.41	3.89045E-08
1	Will County	0-3	11/1/2011	81	7.45	3.54813E-08
1	Will County	4-8	11/3/2011	85	8.27	5.37032E-09
1	Will County	4-8	11/3/2011	83	8.29	5.12861E-09
1	Will County	0-4	11/3/2011	80	8.33	4.67735E-09
1	Will County	0-4	11/3/2011	86	8.15	7.07946E-09
1	Will County	4-8	11/2/2011	82	8.44	3.63078E-09
1	Will County	0-4	11/2/2011	80	8.32	4.7863E-09
1	Will County	0-4	11/2/2011	82	7.92	1.20226E-08
1	Will County	0-4	11/2/2011	81	7.76	1.7378E-08
1	Will County	4-8	11/2/2011	81	7.72	1.90546E-08
1	Will County	0-4	11/2/2011	86	8.58	2.63027E-09
1	Will County	0-4	11/1/2011	84	8.48	3.31131E-09
1	Will County	0-4	11/1/2011	82	8.55	2.81838E-09
1	Will County	8	11/1/2011	79	8.11	7.76247E-09
1	Will County	8	11/2/2011	85	8.55	2.81838E-09
1	Will County	8	11/1/2011	85	8.1	7.94328E-09
1	Will County	8	11/1/2011	81	7.6	2.51189E-08
1	Will County	8	11/2/2011	80	7.49	3.23594E-08
1	Will County	0-4	11/1/2011	84	8.67	2.13796E-09
1	Will County	4-8	11/2/2011	81	8.48	3.31131E-09
1	Will County	4-8	11/2/2011	86	8.22	6.0256E-09
1	Will County	0-4	11/2/2011	83	7.96	1.09648E-08
1	Will County	4-8	11/2/2011	86	7.82	1.51356E-08
1	Will County	0-4	11/2/2011	85	8.29	5.12861E-09
1	Will County	0-4	11/2/2011	76	8.28	5.24807E-09
1	Will County	0-4	11/2/2011	85	7.86	1.38038E-08
1	Will County	4-8	11/2/2011	81	8.7	1.99526E-09

Multiple county projects are not included in the County evaluations.
Andrews Engineering, Inc.

Soil pH

Will County

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
1	Will County	0-4	11/2/2011	73	8.05	8.91251E-09
1	Will County	0-4	11/2/2011	74	7.81	1.54882E-08
1	Will County	0-4	11/2/2011	88	8.45	3.54813E-09
1	Will County	0-1	11/1/2011	85	8.06	8.70964E-09
1	Will County	0-1	11/1/2011	77	7.75	1.77828E-08
1	Will County	0-1	11/2/2011	81	7.39	4.0738E-08
1	Will County	0-1	11/2/2011	73	6.59	2.5704E-07
1	Will County	0-3	11/2/2011	82	8.42	3.80189E-09

Soil pH

Williamson County

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average
4	7.86	8.04	0.0746	7.9525

District No	County	Sample Depth	Sample Date	% Solids	pH Rslt
9	Williamson County	1-2.5	6/4/2010	86	7.94
9	Williamson County	1-2.5	6/4/2010	85	7.86
9	Williamson County	1-3	6/4/2010	84	8.04
9	Williamson County	1-2.5	6/4/2010	86	7.97

Multiple county projects are not included in the County evaluations.

Andrews Engineering, Inc.

Electronic Filing - Received, Clerk's Office, 04/18/2012

* * * * * PC# 32 * * * * *

# Samples	Minimum	Maximum	Standard Deviation	Arithmetic Average	Average Hydrogen Ion Concentration	Average pH -LOG(Hydrogen Ion Concentration)
92	5.28	9.13	0.6751	7.9407	8.31022E-08	7.080

District No	County	Sample Depth	Sample Date	% Solids	pH	Hydrogen Ion Concentration 10 [^] (-pH)
2	Winnebago County	0-2	3/28/2011	88	7.7	1.99526E-08
2	Winnebago County	0-2	3/28/2011	92	7.93	1.1749E-08
2	Winnebago County	0-2	3/28/2011	93	7.54	2.88403E-08
2	Winnebago County	0-2	3/29/2011	88	7.82	1.51356E-08
2	Winnebago County	0-2	3/28/2011	88	7.87	1.34896E-08
2	Winnebago County	0-2	3/29/2011	88	8.46	3.46737E-09
2	Winnebago County	0-2	3/28/2011	88	7.36	4.36516E-08
2	Winnebago County	0-2	3/28/2011	89	7.37	4.2658E-08
2	Winnebago County	0-2	3/29/2011	92	8.62	2.39883E-09
2	Winnebago County	0-2	3/29/2011	94	7.99	1.02329E-08
2	Winnebago County	0-2	3/29/2011	88	7.32	4.7863E-08
2	Winnebago County	0-2	3/30/2011	86	7.13	7.4131E-08
2	Winnebago County	0-2	3/29/2011	89	7.4	3.98107E-08
2	Winnebago County	0-2	3/31/2011	86	7.56	2.75423E-08
2	Winnebago County	0-2	3/31/2011	85	7.37	4.2658E-08
2	Winnebago County	0-2	3/30/2011	87	7.37	4.2658E-08
2	Winnebago County	0-2	3/29/2011	89	8.22	6.0256E-09
2	Winnebago County	0-2	3/30/2011	87	7.58	2.63027E-08
2	Winnebago County	0-2	3/30/2011	85	7.32	4.7863E-08
2	Winnebago County	2-4	5/9/2006	90.3	7.9	1.25893E-08
2	Winnebago County	2-4	3/28/2011	87	7.03	9.33254E-08
2	Winnebago County	2-4	3/28/2011	92	8.32	4.7863E-09
2	Winnebago County	2-4	5/8/2006	94.6	8.6	2.51189E-09
2	Winnebago County	2-4	3/29/2011	91	7.3	5.01187E-08
2	Winnebago County	2-4	3/29/2011	92	8.06	8.70964E-09
2	Winnebago County	2-4	3/29/2011	85	7.48	3.31131E-08
2	Winnebago County	2-4	5/9/2006	83.3	7.3	5.01187E-08
2	Winnebago County	2-4	3/29/2011	91	8.09	8.12831E-09
2	Winnebago County	2-4	3/28/2011	87	7.22	6.0256E-08
2	Winnebago County	2-4	3/30/2011	90	7.07	8.51138E-08
2	Winnebago County	2-4	3/30/2011	86	7.55	2.81838E-08
2	Winnebago County	2-4	3/30/2011	95	7.12	7.58578E-08
2	Winnebago County	2-4	3/30/2011	95	6.48	3.31131E-07
2	Winnebago County	2-4	3/30/2011	87	7.52	3.01995E-08
2	Winnebago County	2-4	3/30/2011	87	7.64	2.29087E-08

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***** PC# 32 *****

2	Winnebago County	2-4	3/29/2011	93	5.28	5.24807E-06
2	Winnebago County	2-4	3/31/2011	86	7.28	5.24807E-08
2	Winnebago County	2-4	3/31/2011	96	8.25	5.62341E-09
2	Winnebago County	2-4	3/31/2011	86	7.67	2.13796E-08
2	Winnebago County	4-6	3/28/2011	94	7.32	4.7863E-08
2	Winnebago County	4-6	3/29/2011	92	8.28	5.24807E-09
2	Winnebago County	4-6	3/28/2011	93	7.57	2.69153E-08
2	Winnebago County	4-6	3/29/2011	95	7.97	1.07152E-08
2	Winnebago County	4-6	5/9/2006	95.6	8.2	6.30957E-09
2	Winnebago County	4-6	5/8/2006	90.6	7.8	1.58489E-08
2	Winnebago County	4-6	5/8/2006	86.3	7.3	5.01187E-08
2	Winnebago County	4-6	5/8/2006	88.6	7.3	5.01187E-08
2	Winnebago County	4-6	5/9/2006	94.1	8.2	6.30957E-09
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2	Winnebago County	4-6	5/9/2006	92.7	8.3	5.01187E-09
2	Winnebago County	4-6	5/10/2006	93.4	7	0.00000001
2	Winnebago County	4-6	3/28/2011	88	6.81	1.54882E-07
2	Winnebago County	4-6	5/10/2006	90.1	7.5	3.16228E-08
2	Winnebago County	4-6	3/30/2011	96	7.28	5.24807E-08
2	Winnebago County	4-6	3/30/2011	96	8.61	2.45471E-09
2	Winnebago County	4-6	3/30/2011	96	8.43	3.71535E-09
2	Winnebago County	4-6	3/30/2011	96	7.76	1.7378E-08
2	Winnebago County	6-8	3/28/2011	95	7.81	1.54882E-08
2	Winnebago County	6-8	3/29/2011	89	7.42	3.80189E-08
2	Winnebago County	6-8	3/28/2011	94	7.5	3.16228E-08
2	Winnebago County	6-8	3/29/2011	96	8.58	2.63027E-09
2	Winnebago County	6-8	3/30/2011	96	8.08	8.31764E-09
2	Winnebago County	8-10	3/29/2011	95	9.09	8.12831E-10
2	Winnebago County	8-10	3/29/2011	96	8.57	2.69153E-09
2	Winnebago County	8-10	3/29/2011	94	7.12	7.58578E-08
2	Winnebago County	8-10	3/28/2011	98	8.55	2.81838E-09
2	Winnebago County	8-10	3/28/2011	91	8.46	3.46737E-09
2	Winnebago County	8-10	3/30/2011	97	8.73	1.86209E-09
2	Winnebago County	8-10	3/30/2011	81	8.17	6.76083E-09
2	Winnebago County	8-10	3/29/2011	97	8.77	1.69824E-09
2	Winnebago County	8-10	3/30/2011	96	8.8	1.58489E-09
2	Winnebago County	8-10	3/30/2011	96	8.99	1.02329E-09
2	Winnebago County	8-10	3/30/2011	95	8.63	2.34423E-09
2	Winnebago County	8-10	3/30/2011	95	8.68	2.0893E-09
2	Winnebago County	8-10	3/30/2011	90	8.62	2.39883E-09
2	Winnebago County	10-12	5/9/2006	93.6	7.6	2.51189E-08
2	Winnebago County	10-12	3/29/2011	96	8.64	2.29087E-09
2	Winnebago County	10-12	5/8/2006	96.6	8.6	2.51189E-09

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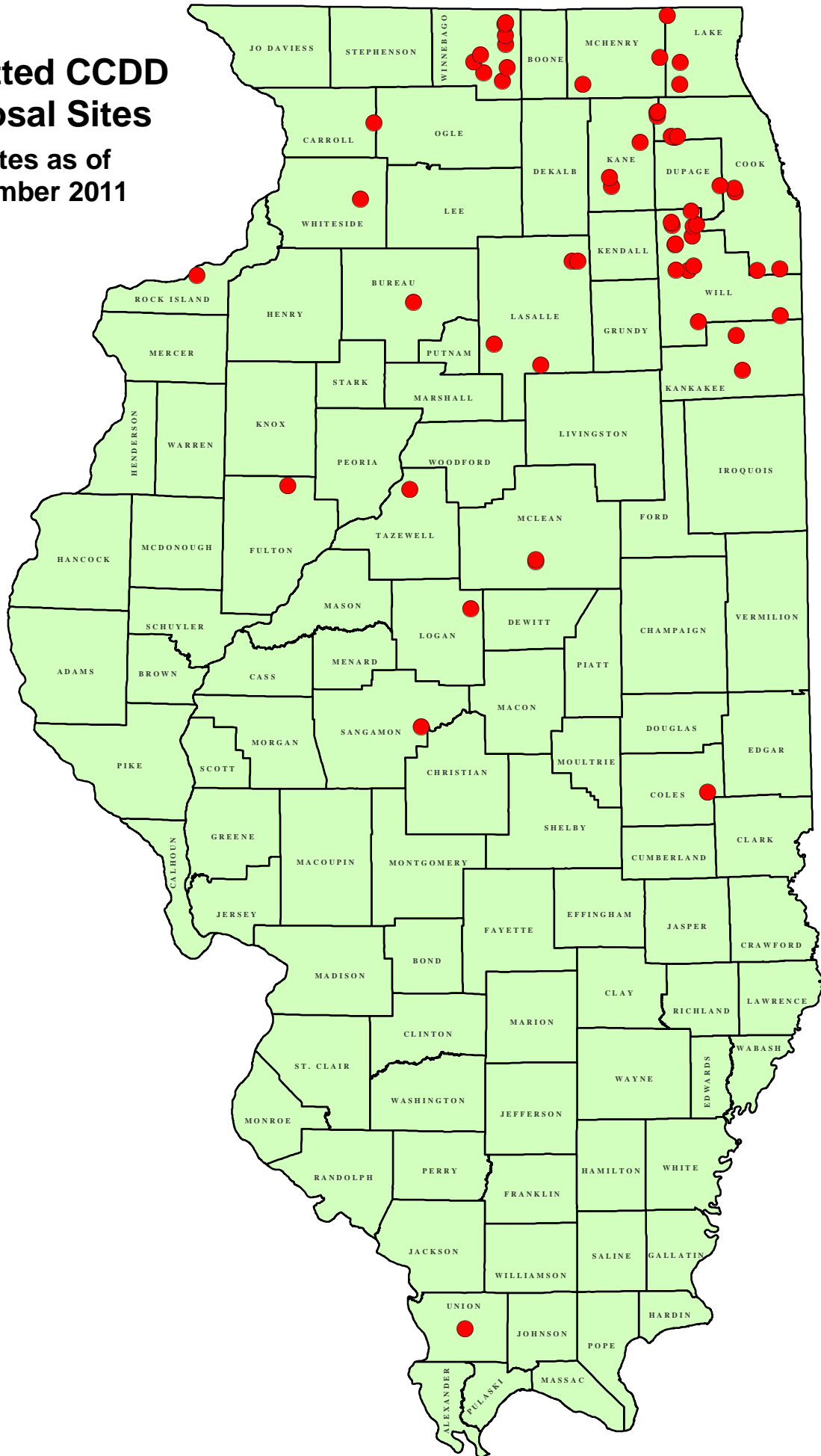
2	Winnebago County	10-12	3/29/2011	94	8.1	7.94328E-09
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2	Winnebago County	10-12	3/29/2011	96	8.58	2.63027E-09
2	Winnebago County	10-12	3/30/2011	96	8.49	3.23594E-09
2	Winnebago County	10-12	3/29/2011	95	8.78	1.65959E-09
2	Winnebago County	10-12	3/30/2011	96	9.13	7.4131E-10
2	Winnebago County	10-12	3/31/2011	98	8.07	8.51138E-09
2	Winnebago County	10-12	3/30/2011	97	8.77	1.69824E-09
2	Winnebago County	10-12	3/30/2011	98	8.33	4.67735E-09
2	Winnebago County	14-16	5/9/2006	94.6	8.6	2.51189E-09
2	Winnebago County	14-16	5/8/2006	98.1	8.8	1.58489E-09
2	Winnebago County	14-16	3/29/2011	96	9.07	8.51138E-10
2	Winnebago County	22-24	5/10/2006	88.7	8.2	6.30957E-09

ATTACHMENT 2

Disposal Sites Maps

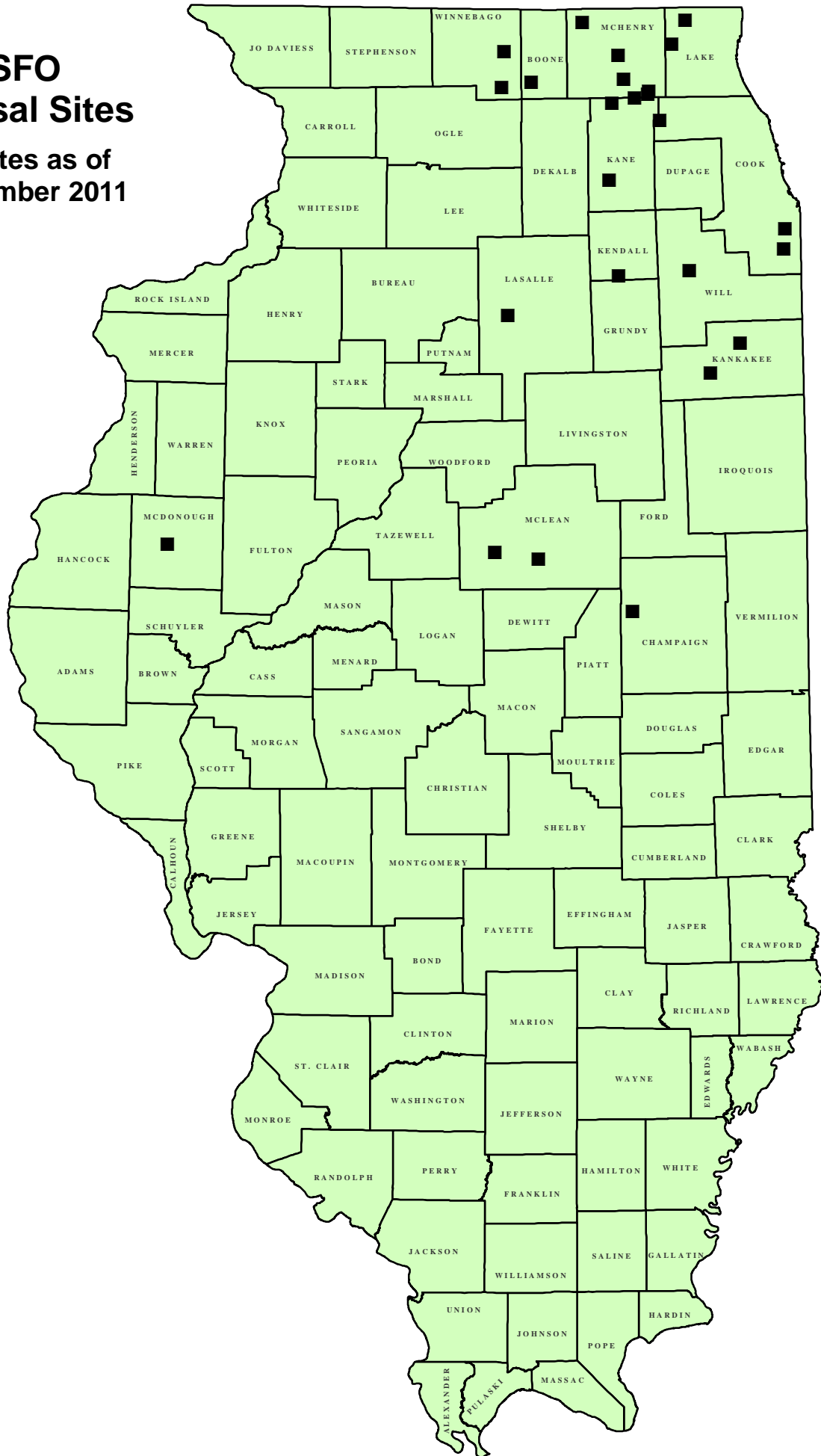
Permitted CCDD Disposal Sites

61 Sites as of
September 2011



USFO Disposal Sites

25 Sites as of
September 2011



BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:)	
)	
PROPOSED AMENDMENTS TO CLEAN)	
CONSTRUCTION OR DEMOLITION)	
DEBRIS FILL OPERATIONS (CCDD))	R12-09
AND UNCONTAMINATED SOIL)	(Rulemaking—Land)
FILL OPERATIONS)	
PROPOSED AMENDMENTS TO)	
35 Ill. Adm. Code 1100)	

CERTIFICATE OF SERVICE

The undersigned hereby certifies that he has served: POST HEARING COMMENTS OF STEVEN GOBELMAN REGARDING THE POLLUTION CONTROL BOARD'S PROPOSED AMENDMENTS TO SECTION 1100.205, upon the persons listed below by email addressed to the following:

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on this 18th day of April, 2012. A hardcopy of this filing will be mailed to you upon request.


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