

**Settlement on the surface of the landfill at NRRL**

<b>Date</b>	<b>6/4/2002</b>	<b>6/21/2004</b>	<b>7/23/2004</b>	<b>8/4/2004</b>	<b>9/16/2004</b>	<b>11/5/2004</b>	<b>12/27/2004</b>	<b>1/28/2005</b>	<b>4/19/2005</b>
<b>Location of monitoring and vertical wells</b>	<b>settlement in feet</b>	<b>settlement in feet</b>	<b>settlement in feet</b>	<b>settlement in feet</b>	<b>settlement in feet</b>	<b>settlement in feet</b>	<b>settlement in feet</b>	<b>settlement in feet</b>	<b>settlement in feet</b>
<b>a1</b>	209.295	206.938	206.81	207.608	206.207	206.098	205.951	205.885	205.698
<b>a02</b>	213.304	210.682	210.557			210.245		209.963	209.776
<b>a03</b>	216.808	214.317	214.297	214.212	214.081	213.953	214.038	213.818	213.664
<b>a04</b>	217.54	215.564		215.534	215.334	215.288	215.249	215.199	215.029
<b>a05</b>	214.951	212.453		212.532	212.348	212.276	212.122	212.053	211.699
<b>a06</b>	211.48	209.438		209.478	209.415	209.478	209.297	209.304	
<b>a07</b>	213.76	211.112		211.118	210.964		210.6	210.534	
<b>a8</b>	213.367	210.633		210.652	210.442	210.249	210.114	209.865	
<b>a9</b>	211.946	209.786		209.934	209.694		209.55	209.688	209.399
<b>a10</b>	215.083	212.47		212.572	212.312	212.24	212.109	211.974	211.591
<b>a11</b>	217.809	215.869		215.928	215.777	215.705	215.77	215.629	215.426
<b>a12</b>	218.386		215.865	215.898				215.495	215.219
<b>a13</b>	217.307	214.661	214.543	214.51	214.202	214.123	213.949	213.858	213.533
<b>a14</b>	215.982			213.024	212.762			212.247	212.096
<b>a15</b>	215.791	213.211	213.123	213.146	212.916	212.834	212.598	212.64	212.302
<b>a16</b>	209.42	206.997	206.909	206.906	206.705	206.636	206.512	206.371	206.154
<b>a17</b>	205.562	203.365	203.287	203.247	203.08	202.919	202.65	202.486	201.846
<b>a18</b>	213.006	210.711							
<b>a19</b>	217.789	215.419	215.347	215.426	215.176	215.078	214.763	214.488	214.031
<b>a20</b>	218.511								
<b>a21</b>	216.861	214.704		214.825	214.619	214.537	214.465	214.209	213.828
<b>a22</b>	215.467	213.172		213.29	213.1	212.972	212.86	212.739	212.115
<b>a23</b>	211.556	209.822		209.757	209.629	209.622	209.461	209.491	209.061
<b>a24</b>	210.867	209.363		209.363	209.153	209.12	209.035	208.999	208.47
<b>a25</b>	214.089	212.28		212.368	212.073	212.001	211.919	211.827	211.358

Date	6/4/2002	6/21/2004	7/23/2004	8/4/2004	9/16/2004	11/5/2004	12/27/2004	1/28/2005	4/19/2005
Location of monitoring and vertical wells	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet
a26	215.873	213.628		213.799	213.415	213.234	213.169	213.031	212.634
a27	216.749	214.241	214.238		214.094	213.933	213.648	213.651	213.051
a28	217.031	214.52	214.537	214.54	214.13	214.048	213.694	213.53	212.978
a29	214.942	212.414	212.371	212.306	212.112	211.869	211.568	211.351	210.839
a30	209.239	206.928	206.899	206.817	206.761	206.44	206.171	205.925	205.455
a31	203.58	201.384	201.302	201.312	200.948	200.678	200.432		199.737
a32	210.66	208.247	208.188		207.87	207.519	207.332	207.155	206.571
a33	213.314	211.141	211.062	211.102	210.846	210.678	210.534	210.468	209.937
a34	213.984	212.22	212.234	212.312	212.017	211.922	211.794	211.807	211.299
a35	214.072	211.945		212.112	211.915	211.686	211.587	211.564	211.138
a36	214.335	212.138		212.381	212.07	211.915	211.646	211.512	210.993
a36a	214.899	212.617		212.742	212.365	212.207	212.024	211.778	211.387
a37	213.255	211.591		211.597	211.354	211.256	211.043	210.921	210.291
a38	209.574	207.946		207.952	207.562	207.299	206.984	206.879	206.259
a39	209.938	208.303		208.365	208.129	207.998	207.742	207.719	207.234
a40	209.318	207.647		207.693	207.467	207.319	207.194	207.03	206.682
a41	208.593	206.686	206.722	206.853	206.61	206.423	206.177	206.131	205.633
a42	207.438	205.508	205.478	205.472	205.068	204.842	204.707	204.491	204.025
a43	204.568	202.896	202.883	202.778	202.509	202.22	202.096	201.968	201.348
a44	197.212	196.394	196.331	196.351	196.138	196.075	195.921	195.843	195.59
a45	199.22			197.972	197.716	197.486	197.421	197.224	196.791
a46	203.432			201.961	201.764	201.643	201.344	201.207	200.705
a48	206.195	204.55		204.668	204.304	204.087	203.749	203.618	203.021
cc3m	205.798								
cc5m	205.667		203.434	203.438	203.126	202.896	202.417	202.194	201.594
cc7m	203.255	200.98	200.764	200.82	200.406	199.98	199.77	199.55	198.884
cd2m	209.325	206.978	206.945	206.85	206.463	206.226	206.089	205.974	205.705

Date	6/4/2002	6/21/2004	7/23/2004	8/4/2004	9/16/2004	11/5/2004	12/27/2004	1/28/2005	4/19/2005
Location of monitoring and vertical	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet
cd4m	209.584	207.302	207.194	207.227	207.01	206.994	206.778	206.699	206.292
cd6m	208.475	206.115	205.977	206.03	205.682	205.406	205.114	204.96	204.34
cd8m	201.133	199.786	199.698	199.622	199.343	199.071	198.822	198.648	197.923
ce3m	212.123	209.494	209.369	209.343	209.094	208.992	208.848	208.717	208.487
ce5m	212.527	210.163	210.098	210.15	209.806	209.556	209.176	208.93	208.536
ce7m	208.967	206.814	206.784	206.755	206.466	206.138	205.849	205.711	205.272
cf2m	212.402	209.855	209.747	209.428		209.461	209.406	209.317	208.995
cf4m	216.549	214.074	214.025	214.002	213.822	213.815	213.638	213.575	213.159
cf6m	213.806	211.144	211.151	211.118	210.715	210.528	210.006	209.891	209.159
cf8m	203.57	201.653	201.676	201.64	201.259	200.761	200.393	200.127	199.537
cg3m	216.858								
cg5m	217.642	215.199	215.16	215.186	214.835	214.688	214.323	213.966	213.546
cg7m	211.011	208.904	208.841	208.913	208.546	208.411	208.31	208.129	207.657
ch2m	215.02	212.404	212.25	212.299	211.869	212.007	211.856	211.814	211.558
ch4m	218.888	216.584	216.489	216.528	216.312	216.262	215.977	215.941	215.596
ch6m	215.821	213.536	213.526	213.602	213.293		212.795	212.772	212.266
ch8m	204.528	202.919		203.041	202.696	202.558	202.253	202.234	201.699
ci3m	219.007	216.837	216.748	216.699	216.568	216.472	216.456	216.397	216.217
ci5m	218.121		214.891	214.996	214.615	214.399	213.999	213.762	213.267
ci7m	212.566	210.715		210.731	210.564	210.426	210.213	210.222	209.789
cj2m	216.575	214.461		214.415	214.159	214.182	214.058	213.969	213.815
cj4m	218.429	216.397		216.574	216.367	216.325	216.256	216.233	215.925
cj6m	215.634	213.631	213.684	213.667	213.405	213.218	213.07	212.939	212.46
cj8m	206.484	204.586		204.691	204.333	204.058	203.628	203.474	202.827
ck3m	217.176	214.727		214.894	214.757	214.707	214.73	214.592	214.337
ck5m	216.9	214.576		214.806	214.504	214.366			
ck7m	211.94	210.131		210.19	209.93	209.734	209.609	209.543	
cl2m	214.909	212.519		212.611	212.407	212.302	212.23	212.165	211.889

Date	6/4/2002	6/21/2004	7/23/2004	8/4/2004	9/16/2004	11/5/2004	12/27/2004	1/28/2005	4/19/2005
Location of monitoring and vertical	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet
cl4m	215.207	212.939		213.064	212.864		212.699		
cl6m	215.07	212.562		212.742	212.371	212.158	211.981	211.781	211.21
cl8m	208.583	206.505		206.607	206.217	206.02			204.691
cm3m	214.108	210.636		210.308	209.96			209.14	
cm5m	214.302	212.506		212.398	212.234	212.122	212.03	211.863	211.348
cm7m	212.107	210.465		210.573	210.268	209.999	209.812	209.757	209.196
cn2m	212.783	210.298		210.728	210.488	210.491	210.468	210.475	
cn4m	212.652	210.672		210.754	210.57	210.521	210.505	210.416	210.268
cn6m	212.858	211.295		211.318	211.043	210.895	210.708	210.639	210.239
cn8m	208.787	207.24		207.158	206.758	206.584			
co3m	211.093	209.074		209.058	208.831	208.779	208.739	208.661	
co5m	210.991	209.123			208.972	208.841	208.569	208.444	208.005
co7m	209.709	207.955		207.978					

**Settlement on the surface of the landfill at NRRL**

Date	6/21/2005	8/10/2005	10/13/2005	11/10/2005	2/18/2006	4/25/2006	4/4/2007	10/9/2007
Location of monitoring and vertical wells	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet
a1	205.439	205.386	205.193	205.052	204.136	204.074	202.289	201.892
a02	209.504	209.399	209.182	209.012	208.093	208.044	206.341	205.799
a03	213.467	213.375	213.142	212.995	212.033	212.07	210.505	209.913
a04	214.832	214.727	214.697	214.638	213.841	213.746	212.785	212.722
a05	211.407	211.056	210.79	210.82	209.77	209.766	208.687	208.608
a06	209.1	208.795	208.818	208.694		207.657	206.627	206.587
a07	209.593	209.297	209.182	209.068		207.893	207.89	206.728
a8	209.058		208.552	208.51	207.539			
a9	209.205	208.854	208.815	208.723		207.811	207.811	
a10	211.472	211.059	210.787	210.747	209.691	209.438	208.552	206.793
a11		215.226	215.098	215.022	214.113	213.972	208.71	207.837
a12	214.927	214.688	214.392	214.284	213.129	213.096	212.716	212.476
a13	213.06	212.857	212.608	212.476	211.23	211.302	211.052	210.386
a14	211.64	211.305	211.141	210.875				208.834
a15	211.994	211.745	211.607	211.404	210.327	210.301	208.487	207.883
a16	205.852	205.767	205.39	205.249	204.199	204.061	202.004	201.505
a17	201.256	200.967	200.534	200.275	199.015	198.992	198.99	197.262
a18						205.813	205.813	203.463
a19	213.703	213.037	212.519	212.342	210.816	210.731	208.552	208.575
a20						210.954	210.95	209.51
a21	213.274	212.69	212.04	211.905	210.157	209.983	208.552	208.309
a22	211.64	211.167	210.675	210.498	209.136	209.045	208.552	207.594
a23	208.943	208.726	208.382	208.306	207.283	207.198	207.2	205.986
a24	208.041	207.47	207.02	206.801	205.327	205.278	205.12	203.585
a25	210.774	210.124	209.593	209.35	207.896	207.818	207.818	206.111

Date	6/21/2005	8/10/2005	10/13/2005	11/10/2005	2/18/2006	4/25/2006	4/4/2007	10/9/2007
Location of monitoring and vertical wells	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet
a26	212.06	211.381	210.872		209.002	208.831	208.552	207.003
a27	212.568					209.225	209.29	207.151
a28	212.46	211.689	211.144	210.882	209.428	209.291	208.552	207.358
a29	210.144	209.72	209.104	208.802	207.44	207.23	206.13	205.241
a30	204.743	204.297	203.671	203.434	202.043	201.988	200.888	200.058
a31	199.297	198.651	198.126	198.146		196.883	195.783	
a32	205.806	205.117	204.599	204.386	202.991	202.913	201.813	201.134
a33	209.389	208.736	208.031	207.916	206.518	206.354	205.254	204.641
a34	210.757	210.072	209.51	209.314	207.919	207.759	206.659	205.852
a35	210.626	210.062	209.57	209.337	208.064	207.824	206.724	206.098
a36	210.19	209.51	208.963	208.661		207.26	206.16	205.806
a36a	210.554	209.888		208.972	207.489			
a37	209.612	209.084	208.513	208.333	207.02	206.919	205.819	205.356
a38	205.672	205.137	204.596	204.438	203.169	202.969	201.869	201.383
a39	206.653	206.069	205.554	205.462	204.228	204.038	202.938	202.22
a40	206.256	205.711	205.275	205.042	203.713	203.654	202.554	202.092
a41	205.154	204.54	204.031	203.92	202.483	202.447	201.347	200.684
a42	203.48	202.86	202.345	202.234	200.869	200.78	199.68	199.165
a43	200.843	200.236	199.717	199.596	198.362	198.264	197.164	196.81
a44	195.219	194.99	194.681	194.629	193.677	193.661	192.561	192.604
a45	196.423	196.112	195.813	195.623	194.517	194.419	193.319	193.037
a46		199.852	199.425	199.31	197.762	197.808	196.708	196.003
a48		202.158	201.755	201.702	200.623	200.478	199.378	
cc3m					200.432			197.151
cc5m	200.826	200.364	199.858	199.547	198.323	197.909	196.636	196.216
cc7m	198.369	197.801	197.263	196.988	196.062	195.665	194.553	194.244
cd2m	205.475	205.321	205.14	205.009	204.488	204.182	204.18	201.321

Date	6/21/2005	8/10/2005	10/13/2005	11/10/2005	2/18/2006	4/25/2006	4/4/2007	10/9/2007
Location of monitoring and vertical wells	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet
cd4m	205.813	205.551	205.137	204.96	204.045	203.707	201.571	200.845
cd6m	203.68	203.103	202.316	202.112	201.066	200.626	199.248	198.68
cd8m	197.647	197.207	196.906	196.663	195.938	195.485	194.481	194.201
ce3m	208.26	207.962	207.831		206.84	206.351	203.822	203.165
ce5m		207.165	206.627	206.243	204.94	204.556	203.142	202.495
ce7m	204.619	203.759	203.156	202.932	201.899	201.285	200.15	199.595
cf2m	208.776	208.585	208.569	208.293	207.355	207.243	206.56	204.014
cf4m	212.542	212.204	211.879	211.617	210.639	210.239	208.231	207.482
cf6m	208.52	207.745	206.991	206.627	205.465	204.802	203.352	202.922
cf8m	199.032	198.579	198.123	197.88	197.129	196.6	195.137	194.884
cg3m					210.219	209.73	208.08	207.187
cg5m	212.818	212.217	211.646	211.282	209.796	209.556	207.886	207.171
cg7m	207.093	206.495	205.892	205.633	204.638	204.087	202.795	202.449
ch2m	211.331	211.052	210.751		209.953	209.353	207.411	206.642
ch4m	215.393	214.963	214.471	214.179	213.005	212.68	210.882	210.002
ch6m	211.65	210.905	210.18	209.901	208.792	208.254	206.541	206.081
ch8m	201.174	200.593	200.226	199.967	199.1	198.543	197.257	196.872
ci3m	216.115	215.701	215.462	215.19	214.592	213.766	211.381	210.72
ci5m	212.631	212.001	211.535	211.184	209.845	209.465	207.952	207.574
ci7m	209.314	208.575	207.968	207.736	206.499	206	204.675	204.313
cj2m	213.854	213.461	213.444	213.369	212.916	212.115	210.951	210.832
cj4m	215.76	215.4	215.216	215.042	214.179	213.835	212.25	211.738
cj6m	211.866	211.089	210.403	210.173	209.081	208.608	207.125	206.698
cj8m	202.152	201.617	201.197	201.046	200.127	199.56	198.369	197.951
ck3m	214.12	213.772	213.69	213.608	212.982	212.565	211.469	211.337
ck5m		212.302	211.614	211.312	209.547	209.084	207.624	207.171
ck7m		208.215	207.549	207.385	206.384	205.833	204.665	204.3
cl2m	211.81	211.312	211.233	211.207	210.672	209.671	208.56	207.696

Date	6/21/2005	8/10/2005	10/13/2005	11/10/2005	2/18/2006	4/25/2006	4/4/2007	10/9/2007
Location of monitoring and vertical wells	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet	settlement in feet
cl4m		211.239	210.934		209.402			207.702
cl6m		209.697	209.074	208.789	207.637	207.024	207.52	
cl8m	204.143	203.644	203.215	203.077	202.178	201.571	201.35	200.255
cm3m								
cm5m	210.728	210.058	209.471	209.235	206.814	207.434	206.043	205.622
cm7m	208.71	208.024	207.463	207.211	207.962	205.613	204.471	204.1
cn2m	210.226	209.842	209.757	209.661	209.218	208.336	206.853	
cn4m	210.15	209.868	209.76	209.658	208.703	208.559	207.657	207.463
cn6m		208.92	208.365	208.093	213.32	206.554	205.455	204.438
cn8m		203.877	203.326	203.136	202.329	201.669	200.199	199.53
co3m	208.467	208.113	208.034	207.929	207.365	206.791	205.531	205.081
co5m		207.033	206.577	206.344	205.15	204.478	203.48	202.889
co7m		205.373	204.714		203.48	203.169	201.804	201.436