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Date: APR 09 2015
Symbol: ENV-DO-15-0096
LA-UR: 15-22423
Locates Action No.: Not Applicable

RECEIVED

APR - 9 2015

NMED
Hazardous Waste Bureau

Mr. John E. Kieling
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Dear Mr. Kieling:

Subject: Transmittal of Summary of Headspace Gas Data for Nitrate Salt-Bearing Waste Containers

The purpose of this letter is to transmit information requested by the New Mexico Environment Department (NMED) on March 31, 2015. Written submissions and twice a week technical phone calls are conducted between Los Alamos National Security, LLC (LANS) and the U.S. Department of Energy (DOE), collectively the Permittees, and the NMED as stipulated by the May 19, 2014, *Administrative Order*, which was modified on July 10, 2014 by a letter from NMED, *Modification to May 19, 2014, Administrative Order*. The *Summary Chart - Requested Information/Pending Issues* table is part of the written daily submissions to the NMED from the the Permittees and documents requests for information during the phone calls. The table within Enclosure 1 of this letter addresses Item # 54 in that table. During the March 31, 2015 phone call, NMED requested a summary sheet for headspace gas data.

Enclosure 1 includes a summary of the available data for the analyses of headspace gas in nitrate salt-bearing waste containers from May 19, 2014 through February 3, 2015. A disc with the spreadsheet file used to create the summary will be included with the original hardcopy delivery of this submittal only.

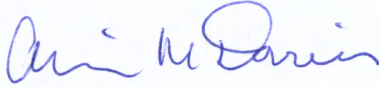


Mr. John E. Kieling
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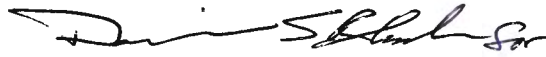
If you have comments or questions regarding this submittal, please contact Mark P. Haagenstad at (505) 665-2014 or David Nickless at (505) 665-6448.

Sincerely,



Alison M. Dorries
Division Leader
Environmental Protection Division
Los Alamos National Security LLC

Sincerely,



Christine M. Gelles
Acting Manager
Environmental Management
Los Alamos Field Office
U.S. Department of Energy

AMD:CMG:MPH:LVH/lm

Enclosures: (1) Summary Table: Remediated Nitrate Salt Container Headspace Gas Analysis

Cy: Ryan Flynn, NMED, Santa Fe, NM, (E-File)
Kathryn Roberts, NMED, Santa Fe, NM, (E-File)
Steve Pullen, NMED/HWB, Santa Fe, NM, (E-File)
Timothy Hall, NMED/HWB, Santa Fe, NM, (E-File)
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Mr. John E. Kieling
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ENCLOSURE 1

Summary Table: Remediated Nitrate Salt Container Headspace Gas Analysis

ENV-DO-15-0096

LA-UR-15-22423

Date: APR 09 2015

Remediated Nitrate Salt Container Headspace Gas Analysis

68685 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
05/19/14	54		1772		64.7	18.2					
05/20/14	62		2282		63.0	17.2					
05/21/14	80		3171		65.7	18.7					
05/22/14	87		3677		61.5	16.4					
05/23/14	65		3609		46.0	7.8					
05/24/14	127		6314		45.6	7.6	54.5	12.5	47.6	8.7	
05/25/14	97		6302		47.1	8.4					
05/26/14	126		7180		41.1	5.1					
05/27/14	143		8300		57.9	14.4					
05/28/14	138		8263		59.9	15.5					
05/29/14	123		8506		65.9	18.8					
05/30/14	147		8909		60.8	16.0					a2
05/31/14	107		10230		62.5	16.9	71.3	21.8	49.4	9.7	
06/01/14	125		8278		50.5	10.3	63.8	17.7	47.4	8.6	
06/02/14	145		10639		64.1	17.8	73.5	23.1	47.7	8.7	
06/03/14	146		10506		61.8	16.6	73.3	22.9	45.4	7.4	
06/04/14	115		11863		64.8	18.2	76.5	24.7	48.9	9.4	
06/05/14	143		12754		61.9	16.6	72.5	22.5	46.6	8.1	
06/06/14	112		12955		69.9	21.1	72.5	22.5	46.9	8.3	
06/07/14	121		13962		50.5	10.3	69.6	20.9	36.5	2.5	
06/08/14	111		12602		58.3	14.6	67.4	19.7	49.7	9.8	
06/09/14	114		13219		55.6	13.1	66.0	18.9	40.4	4.7	c4
06/10/14	69		9287		46.8	8.2	73.8	23.2	38.3	3.5	
06/11/14	131		17089		59.7	15.4	77.2	25.1	49.8	9.9	
06/12/14	57		7904		76.0	24.4	72.4	22.4	57.6	14.2	
06/13/14	114		15887		57.9	14.4	69.0	20.6	53.9	12.2	
06/14/14	74		11701		71.0	21.7	70.9	21.6	51.8	11.0	
06/15/14	99		14963		62.0	16.7	70.8	21.6	41.4	5.2	
06/16/14	121	769	16498	5110	71.0	21.7	72.2	22.3	52.2	11.2	c4
06/17/14	112	691	15969	5117	53.8	12.1	72.2	22.3	54.1	12.3	
06/18/14	64	713	12334	3804	57.5	14.2	71.2	21.8	53.1	11.7	
06/19/14	119	964	20237	6591	51.7	10.9	71.4	21.9	51.1	10.6	
06/20/14	35	443	9853	3255	53.6	12.0	73.8	23.2	52.6	11.4	
06/21/14	114	830	18847	6009	63.4	17.4	70.7	21.5	50.7	10.4	
06/22/14	133	1091	20304	6477	64.0	17.8	73.6	23.1	54.5	12.5	
06/23/14	100	788	15999	5059	69.9	21.1	70.6	21.4	54.2	12.3	
06/24/14	71	565	12856	4010	62.0	16.7	72.6	22.6	54.4	12.4	
06/25/14	142	1057	22667	7203	60.4	15.8	72.4	22.4	55.1	12.8	
06/26/14	92	852	18877	6016	72.4	22.4	74.8	23.8	54.2	12.3	c4
06/27/14	104	818	17714	5517	61.3	16.3	71.9	22.2	56.8	13.8	
06/28/14	69	693	15710	4886	66.9	19.4	74.4	23.6	54.3	12.4	
06/29/14	136	1175	23205	7394	64.3	17.9	78.0	25.6	50.4	10.2	
06/30/14	81	849	18787	5966	61.1	16.2	79.4	26.3	56.9	13.8	c4
07/01/14	126	1063	22982	7231	58.4	14.7	71.0	21.7	57.3	14.1	
07/02/14	56	757	14828	4619	55.7	13.2	71.1	21.7	56.1	13.4	c1
07/03/14	122	1100	22978	7167	62.6	17.0	71.7	22.1	54.2	12.3	
07/04/14	61	680	16019	4982	63.2	17.3	71.5	21.9	55.7	13.2	
07/05/14	106	949	20298	6295	62.7	17.1	68.2	20.1	56.7	13.7	
07/06/14	107	974	21555	6771	61.3	16.3	74.4	23.6	52.4	11.3	
07/07/14	115	1096	23660	7412	63.6	17.6	78.1	25.6	55.3	12.9	
07/08/14	107	1072	22584	7119	63.7	17.6	74.0	23.3	56.1	13.4	c4

Remediated Nitrate Salt Container Headspace Gas Analysis

68685 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
07/09/14	106	1123	24984	7819	64.3	17.9	67.8	19.9	53.5	11.9	
07/10/14	107	1172	25711	7990	56.6	13.7	70.7	21.5	54.9	12.7	
07/11/14	119	1165	24560	7600	69.1	20.6	76.4	24.7	56.1	13.4	
07/12/14	113	1127	26119	8302	64.4	18.0	76.9	24.9	53.1	11.7	
07/13/14	84	963	20897	6452	61.6	16.4	73.2	22.9	55.8	13.2	
07/14/14	64	788	18083	5541	62.9	17.2	72.5	22.5	55.3	12.9	c4
07/15/14	105	1245	27856	8669	59.7	15.4	69.8	21.0	53.8	12.1	
07/16/14	63	762	19271	5946	65.7	18.7	67.7	19.8	53.3	11.8	
07/17/14	99	1055	23037	7118	59.3	15.2	71.7	22.1	53.5	11.9	
07/18/14	118	1193	26921	8391	72.3	22.4	76.2	24.6	53.0	11.7	
07/19/14	91	978	21197	6608	56.9	13.8	74.8	23.8	56.4	13.6	
07/20/14	55	925	21770	6716	55.3	12.9	74.8	23.8	54.3	12.4	
07/21/14	121	1262	28155	8784	68.6	20.3	77.3	25.2	57.9	14.4	c4
07/22/14	110	1224	28656	8854	70.5	21.4	76.1	24.5	58.8	14.9	
07/23/14	111	1160	26284	8206	69.4	20.8	73.1	22.8	55.2	12.9	
07/24/14	108	1264	26414	8230	70.3	21.3	75.3	24.1	54.9	12.7	
07/25/14	109	1091	26541	8212	67.2	19.6	77.0	25.0	57.4	14.1	
07/26/14	89	991	23888	7444	59.0	15.0	81.1	27.3	56.4	13.6	
07/27/14	115	1301	29375	9226	63.0	17.2	72.9	22.7	58.8	14.9	
07/28/14	111	1186	26734	8372	76.6	24.8	77.7	25.4	54.0	12.2	c4
07/29/14	119	1257	27797	8642	71.6	22.0	72.2	22.3	62.9	17.2	
07/30/14	108	1214	27628	8637	63.1	17.3	74.0	23.3	62.4	16.9	
07/31/14	107	1155	26177	8194	64.3	17.9	72.8	22.7	61.3	16.3	
08/01/14	110	1321	27978	8623	63.8	17.7	71.9	22.2	60.4	15.8	
08/02/14	78	1283	27404	8426	62.2	16.8	72.0	22.2	61.2	16.2	
08/03/14	119	1255	27718	8660	60.4	15.8	74.0	23.3	60.7	15.9	
08/04/14	116	1178	27441	8571	72.1	22.3	74.0	23.3	63.1	17.3	
08/05/14	120	1174	27878	8691	61.0	16.1	73.0	22.8	61.0	16.1	
08/06/14	115	1236	28195	8867	69.1	20.6	77.9	25.5	60.8	16.0	
08/07/14	102	1194	25590	8031	68.4	20.2	73.0	22.8	62.4	16.9	
08/08/14	101	1142	24599	7633	63.6	17.6	75.2	24.0	58.4	14.7	
08/09/14	123	1404	28754	9018	61.7	16.5	75.3	24.1	61.4	16.3	
08/10/14	134	1505	29935	8352	65.6	18.7	75.3	24.1	61.3	16.3	
08/11/14	128	1265	28751	9033	68.8	20.4	76.2	24.6	59.7	15.4	c4
08/12/14	114	1183	27049	8514	74.9	23.8	78.2	25.7	61.5	16.4	
08/13/14	87	927	21367	6749	70.0	21.1	77.5	25.3	62.7	17.1	
08/14/14	116	1293	28165	8900	65.7	18.7	76.6	24.8	61.9	16.6	
08/15/14	98	1058	22213	6941	61.5	16.4	76.1	24.5	61.7	16.5	
08/16/14	110	1243	25159	7912	61.8	16.6	77.6	25.3	61.4	16.3	
08/17/14	98	1092	23720	7590	63.6	17.6	74.8	23.8	61.7	16.5	
08/18/14	107	1121	26968	8612	72.9	22.7	74.7	23.7	61.1	16.2	
08/19/14	131	1205	29004	9193	75.3	24.1	78.1	25.6	61.7	16.5	
08/20/14	116	1258	28791	9130	70.2	21.2	74.8	23.8	64.1	17.8	
08/21/14	96	988	22811	7399	75.0	23.9	78.7	25.9	61.1	16.2	
08/22/14	115	1050	25082	7937	62.9	17.2	68.2	20.1	61.1	16.2	
08/23/14	120	1196	26589	8430	56.5	13.6	74.2	23.4	57.0	13.9	
08/24/14	119	1225	26003	8258	61.4	16.3	81.1	27.3	59.5	15.3	
08/25/14	99	886	23361	7423	69.4	20.8	85.4	29.7	61.8	16.6	c4
08/26/14	108	1078	24679	7765	68.1	20.1	72.9	22.7	62.0	16.7	
08/27/14					63.6	17.6	72.2	22.3	60.3	15.7	
08/28/14	117	1261	25765	8184	71.0	21.7	73.4	23.0	57.0	13.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68685 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
08/29/14					59.5	15.3	75.5	24.2	59.6	15.3	
08/30/14					59.6	15.3	82.4	28.0	59.5	15.3	
08/31/14					63.0	17.2	75.1	23.9	61.3	16.3	
09/01/14					70.4	21.3	76.0	24.4	62.6	17.0	
09/02/14	96	1013	21716	6918	74.7	23.7	75.7	24.3	61.1	16.2	
09/03/14	88	677	15348	4857	76.0	24.4	79.6	26.4	61.8	16.6	
09/04/14	126	1120	27887	8902	69.7	20.9	77.8	25.4	62.5	16.9	
09/05/14	129	1172	25641	8192	61.8	16.6	75.4	24.1	62.2	16.8	
09/06/14	121	1145	25132	7982	61.0	16.1	71.8	22.1	61.0	16.1	
09/07/14	125	1165	25072	7951	57.9	14.4	72.6	22.6	58.2	14.6	
09/08/14	139	1191	27700	8839	61.4	16.3	73.1	22.8	61.0	16.1	
09/09/14	122	1061	25544	8121	68.7	20.4	74.9	23.8	63.3	17.4	
09/10/14	132	1104	26452	8332	67.8	19.9	73.0	22.8	61.1	16.2	
09/11/14	100	930	20830	6597	68.6	20.3	75.2	24.0	60.7	15.9	
09/12/14	134	1111	25732	8208	59.7	15.4	68.9	20.5	58.2	14.6	
09/13/14	126	993	24294	7750	54.6	12.6	71.8	22.1	54.0	12.2	
09/14/14	114	1012	22444	7093	58.0	14.4	75.0	23.9	58.0	14.4	
09/15/14	87	813	20465	6530	59.0	15.0	73.5	23.1	59.5	15.3	
09/16/14	135	1114	24857	7751	69.4	20.8	70.5	21.4	61.1	16.2	
09/17/14	119	1070	25989	8313	63.7	17.6	66.6	19.2	60.1	15.6	
09/18/14	115	934	21898	6913	72.9	22.7	75.9	24.4	55.6	13.1	c4
09/19/14	136	1139	24807	7831	59.7	15.4	74.8	23.8	59.7	15.4	
09/20/14	127	1089	23460	7439	60.2	15.7	77.0	25.0	60.4	15.8	
09/21/14	123	1102	22597	7087	61.5	16.4	74.1	23.4	61.3	16.3	
09/22/14	71	627	15715	4880	61.7	16.5	69.6	20.9	61.3	16.3	
09/23/14	136	1112	24541	7906	62.6	17.0	74.9	23.8	60.5	15.8	
09/24/14	142	1108	24877	7861	71.8	22.1	75.5	24.2	57.7	14.3	
09/25/14	138	1077	24263	7677	69.9	21.1	75.7	24.3	60.1	15.6	
09/26/14	111	901	19367	6019	58.9	14.9	73.4	23.0	58.4	14.7	
09/27/14	120	1101	21935	6810	59.7	15.4	71.4	21.9	59.6	15.3	
09/28/14	134	1154	22047	6932	57.8	14.3	69.4	20.8	58.7	14.8	
09/29/14	130	1096	23585	7428	63.8	17.7	68.0	20.0	55.7	13.2	
09/30/14	125	986	22127	6872	63.9	17.7	67.4	19.7	49.2	9.6	
10/01/14	132	1093	23124	7206	65.7	18.7	68.7	20.4	49.8	9.9	
10/02/14	115	883	18350	5719	61.4	16.3					
10/03/14	134	1071	22713	7024	52.3	11.3					
10/04/14	117	920	20784	6474	51.4	10.8					
10/05/14	119	947	21382	6474	50.6	10.3					
10/06/14	138	900	22533	6976	69.9	21.1	67.9	19.9	58.8	14.9	c4
10/07/14	121	1069	21604	6761	61.2	16.2	68.7	20.4	54.4	12.4	
10/08/14	130	991	20636	6303	61.6	16.4	64.1	17.8	56.0	13.3	
10/09/14	129	1006	21382	6579	60.1	15.6	64.1	17.8	56.9	13.8	
10/10/14	127	880	19209	5965	56.6	13.7	59.8	15.4	55.9	13.3	
10/11/14	120	855	18808	5782	55.4	13.0	63.4	17.4	54.0	12.2	
10/12/14	153	854	19076	5769	54.9	12.7	61.9	16.6	52.2	11.2	
10/13/14	129	914	19498	5956	53.8	12.1	62.5	17.0	51.4	10.8	
10/14/14	141	864	21220	6544	56.2	13.4	64.4	18.0	51.3	10.7	
10/15/14	129	853	20438	6323	65.9	18.8	65.7	18.7	51.7	10.9	
10/16/14	136	856	20316	6170	60.5	15.8	67.4	19.7	52.6	11.5	
10/17/14	130	764	18625	5733	56.1	13.4	66.1	19.0	53.1	11.7	
10/18/14	127	760	16882	5150	56.9	13.8	63.1	17.3	55.5	13.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

	68685 (Cell 1)										
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
10/19/14	104	534	13567	4122	54.8	12.7	66.1	18.9	53.7	12.0	
10/20/14	153	755	19774	5992	54.0	12.2	67.1	19.5	52.7	11.5	
10/21/14	128	798	17903	5509	58.3	14.6	62.5	16.9	55.2	12.9	
10/22/14	122	720	19404	5908	64.1	17.8	63.5	17.5	53.0	11.7	
10/23/14	109	686	15847	4840	58.6	14.8	65.9	18.8	52.0	11.1	
10/24/14	128	726	16887	5117	54.3	12.4	66.8	19.3	52.6	11.4	
10/25/14	127	794	17673	5362	52.0	11.1	67.9	19.9	52.1	11.1	
10/26/14	129	815	17205	5166	56.2	13.4	65.8	18.8	55.8	13.2	
10/27/14	132	663	17151	5155	62.9	17.2	65.5	18.6	54.2	12.3	
10/28/14	92	532	13283	4001	55.3	12.9	63.6	17.6	51.7	10.9	c4
10/29/14	122	593	14609	4395	53.4	11.9	62.8	17.1	51.3	10.7	
10/30/14	125	675	15264	4522	54.9	12.7	63.8	17.7	51.3	10.7	
10/31/14	125	601	15788	4701	53.4	11.9	62.8	17.1	51.7	11.0	
11/01/14	125	643	15466	4618	54.0	12.2	62.4	16.9	52.7	11.5	
11/02/14	117	543	13498	3922	53.6	12.0	59.8	15.5	52.2	11.2	
11/03/14	125	659	16302	4871	59.2	15.1	58.6	14.8	51.0	10.6	
11/04/14	114	656	16116	4776	56.3	13.5	58.7	14.8	51.1	10.6	
11/05/14	129	637	16075	4832	58.1	14.5	59.9	15.5	51.1	10.6	
11/06/14	134	659	17053	5027	61.8	16.6	61.3	16.3	51.0	10.6	
11/07/14	134	674	17064	5074	55.2	12.9	62.4	16.9	51.1	10.6	
11/08/14	132	658	14129	4209	53.6	12.0	61.4	16.3	50.8	10.4	
11/09/14	129	628	15133	4483	52.4	11.3	61.5	16.4	51.3	10.7	
11/10/14	113	609	14383	4196	63.8	17.7	63.7	17.6	51.2	10.7	
11/11/14	115	510	13292	3888	53.9	12.2	58.2	14.5	51.2	10.7	
11/12/14	144	641	16464	4759	54.3	12.4	54.3	12.4	48.4	9.1	
11/13/14	134	639	15710	4648	52.9	11.6	53.0	11.7	46.6	8.1	c4
11/14/14	138	662	15957	4705	52.9	11.6	56.1	13.4	51.4	10.8	
11/15/14	100	464	10957	3148	51.5	10.8	58.0	14.5	51.2	10.7	
11/16/14	133	634	13689	3939	52.8	11.6	53.7	12.1	48.8	9.3	
11/17/14	136	582	14704	4200	53.0	11.7	54.0	12.2	46.8	8.2	
11/18/14	141	535	15443	4502	51.6	10.9	53.9	12.1	44.7	7.1	
11/19/14	131	599	15363	4419	52.9	11.6	54.2	12.3	47.0	8.3	
11/20/14	122	520	12991	3720	54.4	12.4	55.3	12.9	48.9	9.4	
11/21/14	138	633	14509	4123	52.1	11.2	53.9	12.1	50.4	10.2	
11/22/14	141	540	15112	4274	50.4	10.2	55.8	13.2	49.1	9.5	
11/23/14	131	610	14298	4189	52.5	11.4	54.0	12.2	50.7	10.4	
11/24/14	138	562	15133	4365	53.2	11.8	54.2	12.3	45.7	7.6	
11/25/14	116	448	12843	3665	51.0	10.6	53.4	11.9	44.6	7.0	
11/26/14	104	488	12307	3516	52.3	11.3	55.4	13.0	49.2	9.6	
11/27/14	126	608	14022	4054	51.3	10.7	57.8	14.4	50.2	10.1	
11/28/14	127	598	13335	3807	52.4	11.3	57.5	14.2	51.0	10.6	
11/29/14	125	563	12897	3637	53.5	11.9	59.6	15.3	51.3	10.7	
11/30/14	129	476	11598	3330	53.8	12.1	57.1	14.0	51.0	10.6	
12/01/14	118	404	10983	3111	54.5	12.5	56.7	13.7	51.1	10.6	
12/02/14	132	502	13366	3809	53.4	11.9	54.1	12.3	50.8	10.4	
12/03/14	128	537	13467	3833	55.0	12.8	58.1	14.5	51.0	10.5	
12/04/14	96	401	10068	2802	53.2	11.8	54.4	12.5	51.2	10.7	c4
12/05/14	123	541	12591	3495	52.2	11.2	56.1	13.4	50.8	10.5	
12/06/14	133	593	11909	3337	52.6	11.4	54.9	12.7	51.1	10.6	
12/07/14	124	556	11892	3398	52.9	11.6	57.5	14.2	51.2	10.7	
12/08/14	135	496	11250	3145	53.9	12.2	56.1	13.4	51.1	10.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

68685 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
12/09/14	120	452	12299	3466	53.9	12.2	55.1	12.8	51.0	10.6	
12/10/14	138	475	12070	3387	56.4	13.6	56.3	13.5	51.0	10.6	
12/11/14	143	547	13614	3776	55.1	12.8	57.3	14.1	51.0	10.5	
12/12/14	99	400	9727	2743	53.4	11.9	55.6	13.1	51.5	10.8	
12/13/14	122	505	12431	3489	52.0	11.1	56.8	13.8	51.0	10.6	
12/14/14	125	423	10475	2867	52.3	11.3	53.5	12.0	49.5	9.7	
12/15/14	140	448	12315	3432			54.2	12.3	40.8	4.9	
12/16/14							45.1	7.3	39.3	4.1	
12/17/14	144	381	13292	3658	50.5	10.3	52.8	11.5	40.6	4.8	
12/18/14	127	567	12880	3545	52.7	11.5	53.4	11.9	48.5	9.2	c4
12/19/14	103	361	9291	2643	50.3	10.2	53.5	11.9	46.8	8.2	
12/20/14	142	527	11601	3231	47.7	8.7	53.9	12.2	45.4	7.4	
12/21/14	126	376	9055	2428	50.4	10.2	53.8	12.1	49.6	9.8	
12/22/14	153	412	12475	3399	55.0	12.8	55.5	13.1	51.2	10.7	
12/23/14	134	402	11759	3179	50.6	10.3	53.1	11.7	44.8	7.1	
12/24/14	135	468	11338	3090	46.5	8.1	53.1	11.7	44.4	6.9	
12/25/14	150	460	12482	3391	51.4	10.8	53.8	12.1	47.1	8.4	
12/26/14	126	329	9459	2507	51.0	10.6	53.0	11.7	45.6	7.6	
12/27/14	137	415	10530	2887	42.3	5.7	53.0	11.7	42.1	5.6	
12/28/14	138	427	11207	3079	40.4	4.7	53.2	11.8	40.6	4.8	
12/29/14	137	478	10528	2898	42.9	6.1	53.4	11.9	41.5	5.3	
12/30/14	124	364	9214	2514	46.4	8.0	46.9	8.3	43.2	6.2	
12/31/14	131	447	10945	3012	43.1	6.2	52.6	11.4	42.2	5.7	
01/01/15	136	364	9774	2691	44.5	6.9	52.8	11.6	42.8	6.0	
01/02/15	130	393	9349	2568	41.1	5.1	53.2	11.8	41.4	5.2	
01/03/15	134	400	9306	2502	43.1	6.2	53.3	11.9	42.7	5.9	
01/04/15	129	378	9949	2667	42.4	5.8	55.5	13.0	43.4	6.3	
01/05/15	150	421	11541	3181	52.9	11.6	53.9	12.2	45.1	7.3	
01/06/15	142	434	10642	2798	55.4	13.0	54.9	12.7	48.7	9.3	
01/07/15	134	367	10024	2728	56.0	13.3	54.4	12.4	48.0	8.9	
01/08/15	143	382	11155	2968	51.4	10.8	53.6	12.0	47.3	8.5	c4
01/09/15	123	390	8839	2346	52.7	11.5	52.8	11.5	50.0	10.0	
01/10/15	125	417	8918	2380	50.4	10.2	54.2	12.4	49.4	9.7	
01/11/15	130	390	9510	2459	51.3	10.7	53.6	12.0	49.0	9.4	
01/12/15	150	415	10402	2760	52.7	11.5	53.6	12.0	49.3	9.6	
01/13/15	149	399	9647	2608	52.2	11.2	52.9	11.6	50.3	10.2	
01/14/15	137	357	9822	2556	52.6	11.4	52.9	11.6	47.5	8.6	
01/15/15	149	426	10341	2690	53.9	12.2	54.0	12.2	46.8	8.2	
01/16/15	148	412	10468	2703	47.2	8.4	53.9	12.1	45.7	7.6	
01/17/15	120	333	9298	2454	48.6	9.2	54.6	12.5	47.7	8.7	
01/18/15	136	408	9539	2560	46.9	8.3	53.8	12.1	46.1	7.9	
01/19/15	142	402	9618	2586	49.3	9.6	55.9	13.3	47.7	8.7	
01/20/15	140	459	10454	2788	53.1	11.7	55.4	13.0	49.6	9.8	
01/21/15	133	398	9113	2399	52.5	11.4	52.9	11.6	51.1	10.6	
01/22/15	144	400	11050	2860	53.3	11.8	52.9	11.6	45.0	7.2	
01/23/15	115	412	9820	2585	44.1	6.7	53.2	11.8	42.2	5.7	
01/24/15	135	436	9725	2574	46.5	8.1	54.6	12.5	45.3	7.4	
01/25/15	141	395	9639	2531	48.7	9.3	53.8	12.1	45.7	7.6	
01/26/15	144	415	10390	2758	57.1	13.9	56.3	13.5	49.5	9.7	
01/27/15	142	385	10095	2678	55.1	12.8	57.8	14.3	50.3	10.2	
01/28/15	135	387	10214	2744	58.2	14.6	57.7	14.3	51.1	10.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

68685 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
01/29/15	137	325	7937	2124	53.8	12.1	53.6	12.0	50.9	10.5	c4
01/30/15					52.5	11.4	53.1	11.7	51.6	10.9	
01/31/15	135	403	9843	2480	52.0	11.1	52.6	11.5	51.4	10.8	
02/01/15	127	268	7811	2019	48.9	9.4	54.1	12.3	48.5	9.1	
02/02/15	141	375	10046	2657	53.6	12.0	54.6	12.6	47.3	8.5	
02/03/15	139	394	9655	2538	54.2	12.3	54.6	12.5	48.0	8.9	

Maximum	153	1505	29935	9226	76.6	24.8	85.4	29.7	64.1	17.8	
Minimum	35	268	1772	2019	40.4	4.7	45.1	7.3	36.5	2.5	

Average	119	785	17077	5473	58.5	14.7	65.5	18.6	53.0	11.6	
Std Dev	21	310	6684	2155	7.7	4.3	9.2	5.1	5.9	3.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69553 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.0	1.1	
05/20/14					40.8	4.9	
05/21/14					41.1	5.1	
05/22/14					47.2	8.4	
05/23/14					51.3	10.7	
05/24/14					63.9	17.7	
05/25/14					65.0	18.3	
05/26/14					64.2	17.9	
05/27/14					66.7	19.3	
05/28/14					67.4	19.7	
05/29/14					65.9	18.8	
05/30/14					65.1	18.4	
05/31/14					67.2	19.6	
06/01/14					65.4	18.6	
06/02/14					70.0	21.1	
06/03/14					72.3	22.4	
06/04/14					65.2	18.4	
06/05/14					64.2	17.9	
06/06/14					63.6	17.6	
06/07/14					65.1	18.4	
06/08/14					62.9	17.2	
06/09/14					69.9	21.1	
06/10/14					63.0	17.2	
06/11/14					65.4	18.6	
06/12/14					53.2	11.8	
06/13/14					66.4	19.1	
06/14/14					68.8	20.4	
06/15/14					64.6	18.1	
06/16/14					63.6	17.6	
06/17/14					66.4	19.1	
06/18/14					68.7	20.4	
06/19/14					65.5	18.6	
06/20/14					68.7	20.4	
06/21/14					61.6	16.4	
06/22/14					62.1	16.7	
06/23/14					69.4	20.8	
06/24/14					67.1	19.5	
06/25/14					65.8	18.8	
06/26/14					71.7	22.1	
06/27/14					63.7	17.6	
06/28/14					61.3	16.3	
06/29/14					61.0	16.1	
06/30/14					62.1	16.7	
07/01/14					68.0	20.0	
07/02/14					62.7	17.1	
07/03/14					68.7	20.4	
07/04/14					62.1	16.7	
07/05/14					62.2	16.8	
07/06/14					61.6	16.4	
07/07/14					70.3	21.3	
07/08/14					65.4	18.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69553 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.2	17.9	
07/10/14					66.8	19.3	
07/11/14					66.9	19.4	
07/12/14					63.6	17.6	
07/13/14					62.1	16.7	
07/14/14					65.7	18.7	
07/15/14					63.6	17.6	
07/16/14					65.8	18.8	
07/17/14					63.6	17.6	
07/18/14					70.1	21.2	
07/19/14					63.5	17.5	
07/20/14					62.2	16.8	
07/21/14					67.3	19.6	
07/22/14					68.0	20.0	
07/23/14					65.5	18.6	
07/24/14					67.2	19.6	
07/25/14					63.1	17.3	
07/26/14					66.8	19.3	
07/27/14					63.7	17.6	
07/28/14					67.8	19.9	
07/29/14					65.5	18.6	
07/30/14					61.7	16.5	
07/31/14	214	909	31097	4517	62.3	16.8	
08/01/14	160	637	24522	3564	61.8	16.6	
08/02/14	210	863	29498	4282	61.9	16.6	
08/03/14	191	819	29686	4347	61.6	16.4	
08/04/14	202	844	28601	4142	67.0	19.4	
08/05/14	196	833	31130	4539	66.0	18.9	
08/06/14	168	707	27704	4077	65.7	18.7	
08/07/14					66.4	19.1	
08/08/14					60.2	15.7	
08/09/14					62.3	16.8	
08/10/14					63.0	17.2	
08/11/14					65.2	18.4	
08/12/14					70.0	21.1	
08/13/14					66.9	19.4	
08/14/14	206	740	29180	4340	64.9	18.3	
08/15/14	166	784	26350	3902	61.9	16.6	a1, c2
08/16/14	179	799	25790	3757	62.7	17.1	
08/17/14	205	946	29995	4439	62.0	16.7	
08/18/14	219	939	32177	4833	69.0	20.6	
08/19/14	196	835	29942	4551	68.8	20.4	
08/20/14	154	616	23009	3448	66.5	19.2	
08/21/14	196	856	30029	4389	70.2	21.2	
08/22/14	146	636	21173	3105	60.8	16.0	
08/23/14	171	987	29584	4365	59.6	15.3	
08/24/14	131	602	19406	2810	62.1	16.7	
08/25/14	175	795	27973	4049	67.9	19.9	
08/26/14	133	544	20587	3069	64.4	18.0	
08/27/14					62.6	17.0	
08/28/14	176	814	29173	4303	68.1	20.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69553 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.3	16.3	
08/30/14					61.4	16.3	
08/31/14					62.0	16.7	
09/01/14					61.1	16.2	
09/02/14	146	711	23055	3428	70.6	21.4	
09/03/14					69.8	21.0	
09/04/14	125	519	21770	3307	65.7	18.7	c3
09/05/14					61.9	16.6	
09/06/14					66.0	18.9	
09/07/14					59.7	15.4	
09/08/14	87	429	15482	2288	62.6	17.0	
09/09/14					65.6	18.7	
09/10/14					66.1	18.9	
09/11/14	150	683	24156	3579	65.8	18.8	
09/12/14					61.7	16.5	
09/13/14					56.4	13.6	
09/14/14					59.1	15.1	
09/15/14	148	735	23914	3539	60.7	15.9	
09/16/14					65.4	18.6	
09/17/14					63.3	17.4	
09/18/14	150	815	26660	3973	68.7	20.4	c3
09/19/14					60.5	15.8	
09/20/14					61.4	16.3	
09/21/14					61.8	16.6	
09/22/14	138	590	22617	3347	61.7	16.5	
09/23/14					62.4	16.9	
09/24/14					67.5	19.7	
09/25/14	167	765	25738	3853	66.1	18.9	
09/26/14					59.4	15.2	
09/27/14					61.1	16.2	
09/28/14					59.7	15.4	
09/29/14	143	696	21353	3154	62.8	17.1	
09/30/14					62.0	16.7	
10/01/14					63.7	17.6	
10/02/14	140	650	21375	3170	60.8	16.0	
10/03/14					52.2	11.2	
10/04/14					51.8	11.0	
10/05/14					50.3	10.2	
10/06/14	158	740	24254	3615	66.4	19.1	
10/07/14					59.4	15.2	
10/08/14					61.4	16.3	
10/09/14	164	684	23061	3435	60.1	15.6	
10/10/14					58.8	14.9	
10/11/14					57.5	14.2	
10/12/14					56.8	13.8	
10/13/14	154	594	20524	2991	56.1	13.4	
10/14/14					57.0	13.9	
10/15/14					63.0	17.2	
10/16/14	162	626	23035	3454	60.3	15.7	
10/17/14					56.6	13.7	
10/18/14					58.7	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69553 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.9	13.8	
10/20/14	173	650	22240	3287	56.0	13.3	
10/21/14					59.5	15.3	
10/22/14					62.4	16.9	
10/23/14	151	636	21460	3158	58.7	14.8	c3
10/24/14					56.5	13.6	
10/25/14					56.1	13.4	
10/26/14					57.9	14.4	
10/27/14	70	258	9559	1412	60.8	16.0	
10/28/14	165	538	19975	2899	56.6	13.7	
10/29/14					56.2	13.4	
10/30/14	167	624	21345	3115	56.7	13.7	
10/31/14					55.8	13.2	
11/01/14					55.8	13.2	
11/02/14					55.7	13.2	
11/03/14	166	581	19538	2813	58.8	14.9	
11/04/14					53.4	11.9	
11/05/14					56.0	13.3	
11/06/14	183	635	21958	3195	56.0	13.3	
11/07/14					49.1	9.5	
11/08/14					53.2	11.8	
11/09/14					49.4	9.7	
11/10/14	174	664	20355	2916	56.5	13.6	
11/11/14					52.5	11.4	
11/12/14					47.4	8.6	
11/13/14	173	578	19488	2880	51.0	10.6	
11/14/14					53.6	12.0	
11/15/14					56.6	13.7	
11/16/14					54.2	12.3	
11/17/14	172	619	19398	2861	49.0	9.4	
11/18/14					50.9	10.5	
11/19/14					54.6	12.6	
11/20/14	179	640	19188	2747	55.8	13.2	
11/21/14					50.8	10.4	
11/22/14					50.6	10.3	
11/23/14					54.6	12.6	
11/24/14	185	602	18614	2806	51.8	11.0	
11/25/14					50.5	10.3	
11/26/14	169	555	16017	2308	50.2	10.1	
11/27/14					50.5	10.3	
11/28/14					53.1	11.7	
11/29/14					53.4	11.9	
11/30/14					56.3	13.5	
12/01/14	185	564	17517	2488	56.0	13.3	
12/02/14					55.4	13.0	
12/03/14					56.0	13.3	
12/04/14	188	627	17737	2511	54.3	12.4	
12/05/14					54.2	12.3	
12/06/14					56.3	13.5	
12/07/14					55.5	13.1	
12/08/14	164	503	16782	2390	54.6	12.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69553 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.6	12.6	
12/10/14					55.9	13.3	
12/11/14	185	592	17536	2539	55.9	13.3	
12/12/14					54.2	12.3	
12/13/14					54.5	12.5	
12/14/14					55.0	12.8	
12/15/14	189	602	17715	2494			
12/16/14							
12/17/14					51.0	10.6	
12/18/14	160	424	16517	2283	53.8	12.1	c3
12/19/14					49.5	9.7	
12/20/14					48.1	8.9	
12/21/14					49.7	9.8	
12/22/14	197	595	17299	2377	56.0	13.3	
12/23/14					50.4	10.2	
12/24/14	179	571	15780	2211	47.8	8.8	
12/25/14					51.6	10.9	
12/26/14					51.4	10.8	
12/27/14					43.9	6.6	
12/28/14					42.6	5.9	
12/29/14	174	517	14269	1965	43.5	6.4	
12/30/14					46.9	8.3	
12/31/14	146	354	14194	2005	45.1	7.3	
01/01/15					45.2	7.3	
01/02/15					42.5	5.8	
01/03/15					43.3	6.3	
01/04/15					44.2	6.8	
01/05/15	173	480	15874	2229	49.5	9.7	
01/06/15					56.1	13.4	
01/07/15					53.7	12.1	
01/08/15	147	501	14281	1965	50.1	10.1	
01/09/15					52.8	11.6	
01/10/15					50.3	10.2	
01/11/15					51.0	10.6	
01/12/15	191	504	14187	1948	53.1	11.7	
01/13/15					51.0	10.6	
01/14/15					52.2	11.2	
01/15/15	152	485	13172	1795	53.6	12.0	
01/16/15					48.3	9.1	
01/17/15					49.7	9.8	
01/18/15					46.8	8.2	
01/19/15	183	474	13363	1849	48.6	9.2	
01/20/15					53.3	11.8	
01/21/15					51.9	11.1	
01/22/15	184	492	13700	1898	52.5	11.4	
01/23/15					45.5	7.5	
01/24/15					47.6	8.7	
01/25/15					49.2	9.6	
01/26/15	193	459	14017	1900	57.3	14.1	
01/27/15					55.1	12.8	
01/28/15					56.2	13.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69553 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15	179	426	12607	1704	56.1	13.4	
01/30/15					54.1	12.3	
01/31/15					53.6	12.0	
02/01/15					49.7	9.8	
02/02/15	195	482	13877	1868	53.9	12.2	
02/03/15					53.8	12.1	

Maximum	219	987	32177	4833	72.3	22.4	
Minimum	70	258	9559	1412	34.0	1.1	

Average	169	641	21390	3116	58.8	14.9	
Std Dev	26	149	5627	873	7.1	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69615 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					32.7	0.4	
05/20/14					39.6	4.2	
05/21/14					40.4	4.7	
05/22/14					45.5	7.5	
05/23/14					42.3	5.7	
05/24/14					63.4	17.4	
05/25/14					64.6	18.1	
05/26/14					63.1	17.3	
05/27/14					66.3	19.1	
05/28/14					68.2	20.1	
05/29/14					66.9	19.4	
05/30/14					65.3	18.5	
05/31/14					67.3	19.6	
06/01/14					66.0	18.9	
06/02/14					71.1	21.7	
06/03/14					73.1	22.8	
06/04/14					65.9	18.8	
06/05/14					64.9	18.3	
06/06/14					65.6	18.7	
06/07/14					65.7	18.7	
06/08/14					63.4	17.4	
06/09/14					69.1	20.6	
06/10/14					63.7	17.6	
06/11/14					66.7	19.3	
06/12/14					54.8	12.7	
06/13/14					64.2	17.9	
06/14/14					64.6	18.1	
06/15/14					59.3	15.2	
06/16/14					64.0	17.8	
06/17/14					67.2	19.6	
06/18/14					70.3	21.3	
06/19/14					66.6	19.2	
06/20/14					68.3	20.2	
06/21/14					62.0	16.7	
06/22/14					62.5	16.9	
06/23/14					70.5	21.4	
06/24/14					68.4	20.2	
06/25/14					67.2	19.6	
06/26/14					71.6	22.0	
06/27/14					64.2	17.9	
06/28/14					61.8	16.6	
06/29/14					61.9	16.6	
06/30/14					65.5	18.6	
07/01/14					71.5	21.9	
07/02/14					64.2	17.9	
07/03/14					71.6	22.0	
07/04/14					62.3	16.8	
07/05/14					62.6	17.0	
07/06/14					62.5	16.9	
07/07/14					72.2	22.3	
07/08/14					66.2	19.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69615 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					66.5	19.2	
07/10/14					68.2	20.1	
07/11/14					68.6	20.3	
07/12/14					63.9	17.7	
07/13/14					62.7	17.1	
07/14/14					65.2	18.4	
07/15/14					64.1	17.8	
07/16/14					67.2	19.6	
07/17/14					65.6	18.7	
07/18/14					71.2	21.8	
07/19/14					64.4	18.0	
07/20/14					62.5	16.9	
07/21/14					67.6	19.8	
07/22/14					69.8	21.0	
07/23/14					67.3	19.6	
07/24/14					66.9	19.4	
07/25/14					64.0	17.8	
07/26/14					67.0	19.4	
07/27/14					65.1	18.4	
07/28/14					69.5	20.8	c2
07/29/14					66.6	19.2	
07/30/14					62.4	16.9	
07/31/14					62.7	17.1	
08/01/14					61.7	16.5	
08/02/14					61.5	16.4	
08/03/14					61.3	16.3	
08/04/14					68.6	20.3	
08/05/14					67.3	19.6	
08/06/14					66.1	18.9	
08/07/14	151	392	11857	485	67.8	19.9	
08/08/14	172	405	12777	506	59.7	15.4	
08/09/14	141	369	11350	481	62.6	17.0	
08/10/14	174	444	13317	558	62.3	16.8	
08/11/14	169	436	12708	548	66.2	19.0	
08/12/14	157	358	12093	510	72.8	22.7	
08/13/14	96	263	8828	421	69.8	21.0	
08/14/14	153	362	12342	557	65.4	18.6	
08/15/14	108	236	8699	386	62.7	17.1	a2, c2
08/16/14	151	372	10826	489	62.7	17.1	
08/17/14	72	194	6049	261	61.5	16.4	
08/18/14	162	480	13109	592	69.6	20.9	
08/19/14	88	208	6983	353	70.8	21.6	
08/20/14	142	452	12049	562	67.8	19.9	
08/21/14	141	412	11782	544	71.0	21.7	
08/22/14	128	399	10413	453	61.5	16.4	
08/23/14	94	307	9007	407	58.7	14.8	
08/24/14	122	420	11559	513	62.5	16.9	
08/25/14	66	246	6986	362	69.5	20.8	
08/26/14	121	384	10866	484	64.9	18.3	
08/27/14					62.9	17.2	
08/28/14	42	161	5032	221	69.5	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69615 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.5	16.4	
08/30/14					61.1	16.2	
08/31/14					61.6	16.4	
09/01/14					61.6	16.4	
09/02/14	114	355	10853	535	72.8	22.7	
09/03/14					70.7	21.5	
09/04/14	106	428	10414	511	66.2	19.0	
09/05/14					62.0	16.7	
09/06/14					67.1	19.5	
09/07/14					59.2	15.1	
09/08/14	95	352	8935	465	61.7	16.5	
09/09/14					66.0	18.9	
09/10/14					66.4	19.1	
09/11/14	57	208	5595	251	66.2	19.0	c4
09/12/14					61.3	16.3	
09/13/14					56.0	13.3	
09/14/14					58.9	14.9	
09/15/14	101	405	9965	514	60.3	15.7	
09/16/14					66.9	19.4	
09/17/14					64.2	17.9	
09/18/14	68	303	7511	392	70.2	21.2	
09/19/14					61.1	16.2	
09/20/14					61.4	16.3	
09/21/14					61.5	16.4	
09/22/14	55	214	5390	246	61.4	16.3	
09/23/14					62.6	17.0	
09/24/14					68.4	20.2	
09/25/14	106	373	9308	613	67.8	19.9	
09/26/14					59.4	15.2	
09/27/14					61.2	16.2	
09/28/14					59.8	15.4	
09/29/14	101	340	8926	469	63.5	17.5	
09/30/14					62.4	16.9	
10/01/14					64.1	17.8	
10/02/14	68	177	5365	269	61.4	16.3	
10/03/14					52.3	11.3	
10/04/14					51.8	11.0	
10/05/14					51.3	10.7	
10/06/14	84	340	7156	385	67.7	19.8	
10/07/14					58.9	14.9	
10/08/14					61.2	16.2	
10/09/14	100	395	7919	405	60.3	15.7	
10/10/14					58.8	14.9	
10/11/14					57.8	14.3	
10/12/14					56.6	13.7	
10/13/14	98	327	7977	402	56.3	13.5	
10/14/14					56.9	13.8	
10/15/14					64.6	18.1	
10/16/14	93	288	7797	433	61.0	16.1	
10/17/14					57.0	13.9	
10/18/14					58.2	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69615 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.6	13.7	
10/20/14	97	327	7571	427	55.9	13.3	
10/21/14					59.7	15.4	
10/22/14					63.3	17.4	
10/23/14	90	310	7198	441	58.8	14.9	
10/24/14					56.0	13.3	
10/25/14					55.3	12.9	
10/26/14					58.0	14.4	
10/27/14	91	307	6680	367	62.5	16.9	
10/28/14					56.9	13.8	c4
10/29/14					56.2	13.4	
10/30/14	99	326	7475	427	56.6	13.7	
10/31/14					55.7	13.2	
11/01/14					55.6	13.1	
11/02/14					55.3	12.9	
11/03/14	103	309	7068	405	59.8	15.4	
11/04/14					54.5	12.5	
11/05/14					57.9	14.4	
11/06/14	105	349	7821	460	57.0	13.9	
11/07/14					50.7	10.4	
11/08/14					54.8	12.7	
11/09/14					50.1	10.1	
11/10/14	89	261	7255	402	58.0	14.4	
11/11/14					53.7	12.1	
11/12/14					50.6	10.3	
11/13/14	86	271	5996	297	53.4	11.9	
11/14/14					54.9	12.7	
11/15/14					57.9	14.4	
11/16/14					55.5	13.1	
11/17/14	94	302	7078	429	51.6	10.9	
11/18/14					53.7	12.1	
11/19/14					56.3	13.5	
11/20/14	96	289	6912	369	58.4	14.7	
11/21/14					52.7	11.5	
11/22/14					52.9	11.6	
11/23/14					56.0	13.3	
11/24/14	108	294	7038	373	55.4	13.0	
11/25/14					53.4	11.9	
11/26/14	95	305	6311	343	52.7	11.5	
11/27/14					52.9	11.6	
11/28/14					53.8	12.1	
11/29/14					53.9	12.2	
11/30/14					57.2	14.0	
12/01/14	103	245	6440	342	57.1	13.9	
12/02/14					56.0	13.3	
12/03/14					57.3	14.1	
12/04/14	88	228	5746	295	54.9	12.7	
12/05/14					54.9	12.7	
12/06/14					56.0	13.3	
12/07/14					56.0	13.3	
12/08/14	106	276	6283	304	56.1	13.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69615 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.6	13.1	
12/10/14					57.3	14.1	
12/11/14	110	300	7047	329	56.4	13.6	
12/12/14					56.2	13.4	
12/13/14					55.2	12.9	
12/14/14					55.9	13.3	
12/15/14	109	303	6748	323			
12/16/14							
12/17/14					53.3	11.8	
12/18/14	99	266	6911	355	55.7	13.2	
12/19/14					50.8	10.4	
12/20/14					49.3	9.6	
12/21/14					51.6	10.9	
12/22/14	110	308	6905	358	58.2	14.6	
12/23/14					52.3	11.3	
12/24/14	87	288	6041	292	49.0	9.4	
12/25/14					54.4	12.4	
12/26/14					52.9	11.6	
12/27/14					44.8	7.1	
12/28/14					43.5	6.4	
12/29/14	94	261	5813	291	43.6	6.4	
12/30/14					48.6	9.2	
12/31/14	97	258	6778	368	45.6	7.6	
01/01/15					46.6	8.1	
01/02/15					44.4	6.9	
01/03/15					45.1	7.3	
01/04/15					46.1	7.8	
01/05/15	108	279	6961	345	52.4	11.3	
01/06/15					56.7	13.7	
01/07/15					56.3	13.5	
01/08/15	96	271	6776	371	53.8	12.1	c4
01/09/15					54.7	12.6	
01/10/15					52.7	11.5	
01/11/15					52.4	11.3	
01/12/15	109	318	6448	294	55.6	13.1	
01/13/15					53.0	11.7	
01/14/15					54.2	12.3	
01/15/15	103	315	6118	282	54.2	12.3	
01/16/15					48.9	9.4	
01/17/15					50.8	10.4	
01/18/15					48.0	8.9	
01/19/15	107	249	6092	264	51.5	10.8	
01/20/15					55.9	13.3	
01/21/15					54.0	12.2	
01/22/15	105	298	6560	328	53.8	12.1	
01/23/15					46.5	8.1	
01/24/15					49.0	9.4	
01/25/15					50.8	10.4	
01/26/15	112	294	6563	289	58.5	14.7	
01/27/15					57.3	14.1	
01/28/15					59.3	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69615 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15	76	211	4668	230	56.7	13.7	
01/30/15					55.3	12.9	
01/31/15					54.5	12.5	
02/01/15					50.9	10.5	
02/02/15	109	249	6383	278	56.0	13.3	
02/03/15					55.9	13.3	

Maximum	174	480	13317	613	73.1	22.8	
Minimum	42	161	4668	221	32.7	0.4	

Average	106	313	8143	398	59.6	15.4	
Std Dev	27	71	2314	98	7.1	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69616 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.5	1.4	
05/20/14					39.7	4.3	
05/21/14					41.2	5.1	
05/22/14					46.4	8.0	
05/23/14					41.7	5.4	
05/24/14					64.3	17.9	
05/25/14					52.4	11.3	
05/26/14					46.2	7.9	
05/27/14					58.5	14.7	
05/28/14					60.3	15.7	
05/29/14					62.3	16.8	
05/30/14					59.5	15.3	
05/31/14					55.3	12.9	
06/01/14					45.8	7.7	
06/02/14					57.3	14.1	
06/03/14					60.3	15.7	
06/04/14					59.5	15.3	
06/05/14					52.8	11.6	
06/06/14					62.2	16.8	
06/07/14					45.4	7.4	
06/08/14					55.0	12.8	
06/09/14					48.8	9.3	
06/10/14					45.2	7.3	
06/11/14					52.9	11.6	
06/12/14					71.9	22.2	
06/13/14					54.8	12.7	
06/14/14					67.4	19.7	
06/15/14					59.1	15.1	
06/16/14					67.5	19.7	
06/17/14					52.8	11.6	
06/18/14					57.3	14.1	
06/19/14					53.2	11.8	
06/20/14					53.5	11.9	
06/21/14					58.1	14.5	
06/22/14					59.9	15.5	
06/23/14					66.4	19.1	
06/24/14					59.0	15.0	
06/25/14					58.5	14.7	
06/26/14					69.0	20.6	
06/27/14					59.3	15.2	
06/28/14					62.3	16.8	
06/29/14					60.0	15.6	
06/30/14					59.1	15.1	
07/01/14					53.6	12.0	
07/02/14					53.3	11.8	
07/03/14					60.7	15.9	
07/04/14					59.5	15.3	
07/05/14					59.4	15.2	
07/06/14					58.2	14.6	
07/07/14					60.7	15.9	
07/08/14					60.1	15.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69616 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.1	17.8	
07/10/14					55.7	13.2	
07/11/14					65.3	18.5	
07/12/14					62.8	17.1	
07/13/14					57.6	14.2	
07/14/14					61.1	16.2	
07/15/14					59.5	15.3	
07/16/14					66.6	19.2	
07/17/14					57.1	13.9	
07/18/14					68.8	20.4	
07/19/14					54.0	12.2	
07/20/14					53.7	12.1	
07/21/14					64.0	17.8	
07/22/14					66.5	19.2	
07/23/14					63.2	17.3	
07/24/14	115	918	27870	6152	65.7	18.7	
07/25/14	268	1617	45757	10363	63.0	17.2	
07/26/14	126	1098	33518	7547	54.7	12.6	
07/27/14	165	1229	35267	7962	60.8	16.0	
07/28/14	185	1396	40753	9194	74.3	23.5	c2
07/29/14	239	1618	43649	9892	70.2	21.2	
07/30/14	171	1406	40257	9120	63.0	17.2	
07/31/14					63.1	17.3	
08/01/14					62.4	16.9	
08/02/14					62.2	16.8	
08/03/14					60.6	15.9	
08/04/14					69.9	21.1	
08/05/14					60.8	16.0	
08/06/14					67.4	19.7	
08/07/14					67.1	19.5	
08/08/14					63.9	17.7	
08/09/14					61.6	16.4	
08/10/14					64.0	17.8	
08/11/14					67.1	19.5	
08/12/14					72.6	22.6	
08/13/14					68.1	20.1	
08/14/14					64.9	18.3	
08/15/14					62.0	16.7	
08/16/14					61.2	16.2	
08/17/14					62.3	16.8	
08/18/14					70.7	21.5	
08/19/14	311	1650	45119	10266	73.3	22.9	
08/20/14	266	1536	42951	9801	68.5	20.3	
08/21/14	282	1437	41706	9580	72.3	22.4	
08/22/14	226	1236	36738	8301	61.5	16.4	
08/23/14	266	1367	39895	9110	57.2	14.0	
08/24/14	118	788	22677	5088	61.5	16.4	
08/25/14	264	1315	37969	8574	70.3	21.3	c2
08/26/14	149	1125	34212	7789	66.2	19.0	
08/27/14					63.1	17.3	
08/28/14	289	1605	41551	9423	68.8	20.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69616 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.5	15.3	
08/30/14					60.8	16.0	
08/31/14					61.6	16.4	
09/01/14					57.9	14.4	
09/02/14	246	1275	36423	8257	71.5	21.9	
09/03/14					72.7	22.6	
09/04/14	235	1200	33958	7707	67.2	19.6	
09/05/14					61.1	16.2	
09/06/14					60.8	16.0	
09/07/14					58.9	14.9	
09/08/14	225	1245	35036	7885	61.5	16.4	
09/09/14					66.7	19.3	
09/10/14					66.1	18.9	
09/11/14	261	1283	35802	8142	66.9	19.4	c2
09/12/14					60.2	15.7	
09/13/14					56.2	13.4	
09/14/14					58.4	14.7	
09/15/14	218	1252	34044	7636	59.7	15.4	
09/16/14					67.3	19.6	
09/17/14					64.0	17.8	
09/18/14	235	1200	33958	7707	70.6	21.4	
09/19/14					60.2	15.7	
09/20/14					60.3	15.7	
09/21/14					61.1	16.2	
09/22/14	249	1162	31952	7150	61.2	16.2	
09/23/14					62.7	17.1	
09/24/14					69.5	20.8	
09/25/14	290	1241	33948	7591	67.5	19.7	
09/26/14					59.2	15.1	
09/27/14					61.2	16.2	
09/28/14					59.0	15.0	
09/29/14	259	1259	34348	7739	63.5	17.5	
09/30/14					63.1	17.3	
10/01/14					64.5	18.1	
10/02/14	229	927	24564	5429	61.6	16.4	
10/03/14					52.9	11.6	
10/04/14					52.7	11.5	
10/05/14					50.9	10.5	
10/06/14	301	1158	32008	7249	68.4	20.2	c2
10/07/14					60.3	15.7	
10/08/14					61.7	16.5	
10/09/14	305	1133	31404	6898	59.9	15.5	
10/10/14					58.7	14.8	
10/11/14					57.1	13.9	
10/12/14					55.9	13.3	
10/13/14	230	918	25254	5484	55.1	12.8	
10/14/14					56.8	13.8	
10/15/14					65.4	18.6	
10/16/14	222	786	22638	5064	60.5	15.8	
10/17/14					56.9	13.8	
10/18/14					57.7	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69616 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.9	13.3	
10/20/14	273	945	26484	5831	55.1	12.8	
10/21/14					59.1	15.1	
10/22/14					63.7	17.6	
10/23/14	172	621	18176	3941	59.1	15.1	c2
10/24/14					55.3	12.9	
10/25/14					54.6	12.6	
10/26/14					57.4	14.1	
10/27/14	296	951	25076	5452	62.5	16.9	
10/28/14					56.4	13.6	
10/29/14					55.1	12.8	
10/30/14	269	905	24867	5381	55.5	13.1	
10/31/14					55.0	12.8	
11/01/14					54.5	12.5	
11/02/14					54.5	12.5	
11/03/14	299	957	26831	5757	59.5	15.3	
11/04/14					57.2	14.0	
11/05/14					58.5	14.7	
11/06/14	325	966	28725	6286	63.6	17.6	
11/07/14					56.0	13.3	
11/08/14					55.3	12.9	
11/09/14					55.1	12.8	
11/10/14	310	1047	26352	5727	63.9	17.7	
11/11/14					55.2	12.9	
11/12/14					55.6	13.1	
11/13/14	313	1005	26779	5764	54.1	12.3	
11/14/14					54.9	12.7	
11/15/14					54.2	12.3	
11/16/14					55.2	12.9	
11/17/14	339	1060	27270	5895	54.6	12.6	
11/18/14					52.8	11.6	
11/19/14					53.7	12.1	
11/20/14	317	1049	27007	5756	55.7	13.2	
11/21/14					54.0	12.2	
11/22/14					52.3	11.3	
11/23/14					54.2	12.3	
11/24/14	345	1020	27069	5789	54.3	12.4	
11/25/14					52.4	11.3	
11/26/14	319	847	22865	4874	53.6	12.0	
11/27/14					52.3	11.3	
11/28/14					53.5	11.9	
11/29/14					54.4	12.4	
11/30/14					55.4	13.0	
12/01/14	305	718	20903	4529	55.3	12.9	
12/02/14					54.6	12.6	
12/03/14					56.5	13.6	
12/04/14	256	788	20840	4434	53.9	12.2	c2
12/05/14					54.7	12.6	
12/06/14					53.6	12.0	
12/07/14					54.1	12.3	
12/08/14	334	843	21506	4440	54.4	12.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69616 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.1	12.3	
12/10/14					56.7	13.7	
12/11/14	354	897	24501	5101	55.5	13.1	
12/12/14					54.7	12.6	
12/13/14					53.5	11.9	
12/14/14					54.2	12.3	
12/15/14	323	854	23050	4765			
12/16/14							
12/17/14					51.4	10.8	
12/18/14	274	627	19605	4044	53.1	11.7	
12/19/14					51.2	10.7	
12/20/14					48.4	9.1	
12/21/14					51.9	11.1	
12/22/14	350	926	23176	4782	56.0	13.3	
12/23/14					52.6	11.4	
12/24/14	355	906	23103	4759	49.9	9.9	
12/25/14					52.7	11.5	
12/26/14					52.5	11.4	
12/27/14					46.2	7.9	
12/28/14					43.9	6.6	
12/29/14	277	742	19640	4056	44.3	6.8	
12/30/14					47.8	8.8	
12/31/14	303	861	20969	4254	44.7	7.1	
01/01/15					46.2	7.9	
01/02/15					44.7	7.1	
01/03/15					46.0	7.8	
01/04/15					46.5	8.1	
01/05/15	364	868	22438	4615	54.0	12.2	
01/06/15					56.0	13.3	
01/07/15					56.0	13.3	
01/08/15	299	807	21347	4470	51.4	10.8	c2
01/09/15					53.1	11.7	
01/10/15					52.6	11.4	
01/11/15					53.0	11.7	
01/12/15	344	815	20433	4125	53.7	12.1	
01/13/15					54.0	12.2	
01/14/15					53.0	11.7	
01/15/15	351	799	20142	3997	54.9	12.7	
01/16/15					48.5	9.2	
01/17/15					50.0	10.0	
01/18/15					48.3	9.1	
01/19/15	347	801	20009	4089	50.5	10.3	
01/20/15					53.0	11.7	
01/21/15					53.8	12.1	
01/22/15	315	694	18549	3768	54.0	12.2	
01/23/15					45.7	7.6	
01/24/15					47.8	8.8	
01/25/15					49.8	9.9	
01/26/15	360	812	20869	4246	57.1	13.9	
01/27/15					55.2	12.9	
01/28/15					57.8	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69616 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15	340	733	18253	3685	52.7	11.5	
01/30/15					55.1	12.8	
01/31/15					53.9	12.2	
02/01/15					51.6	10.9	
02/02/15	350	765	19472	3905	53.7	12.1	
02/03/15					55.0	12.8	

Maximum	364	1650	45757	10363	74.3	23.5	
Minimum	115	621	18176	3685	34.5	1.4	

Average	274	1049	28878	6338	57.7	14.3	
Std Dev	63	265	7865	1948	6.7	3.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50069 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					38.2	3.4	
05/20/14					39.2	4.0	
05/21/14					39.4	4.1	
05/22/14					51.3	10.7	
05/23/14					47.3	8.5	
05/24/14					61.4	16.3	
05/25/14					50.9	10.5	
05/26/14					46.8	8.2	
05/27/14					57.9	14.4	
05/28/14					59.8	15.4	
05/29/14					63.2	17.3	
05/30/14					60.5	15.8	
05/31/14					57.4	14.1	
06/01/14					46.6	8.1	
06/02/14					58.0	14.4	
06/03/14					60.6	15.9	
06/04/14					61.2	16.2	
06/05/14					53.6	12.0	
06/06/14					62.4	16.9	
06/07/14					47.9	8.8	
06/08/14					55.9	13.3	
06/09/14					51.7	10.9	
06/10/14					46.1	7.8	
06/11/14					53.4	11.9	
06/12/14					72.4	22.4	
06/13/14					56.7	13.7	
06/14/14					67.8	19.9	
06/15/14					59.9	15.5	
06/16/14					66.4	19.1	
06/17/14					53.9	12.2	
06/18/14					57.6	14.2	
06/19/14					52.6	11.4	
06/20/14					53.9	12.2	
06/21/14					59.7	15.4	
06/22/14					61.5	16.4	
06/23/14					66.6	19.2	
06/24/14					60.3	15.7	
06/25/14					60.1	15.6	
06/26/14					69.5	20.8	
06/27/14					60.3	15.7	
06/28/14					63.9	17.7	
06/29/14					62.4	16.9	
06/30/14					60.4	15.8	
07/01/14					55.8	13.2	
07/02/14					55.2	12.9	
07/03/14					61.6	16.4	
07/04/14					60.9	16.1	
07/05/14					60.9	16.1	
07/06/14					59.7	15.4	
07/07/14					61.9	16.6	
07/08/14					61.5	16.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50069 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.1	17.8	
07/10/14					56.3	13.5	
07/11/14					66.0	18.9	
07/12/14					63.0	17.2	
07/13/14					58.2	14.6	
07/14/14					61.3	16.3	
07/15/14					60.6	15.9	
07/16/14					65.2	18.4	
07/17/14	799	1719	40330	7297	57.9	14.4	
07/18/14	790	1752	40331	7402	69.1	20.6	
07/19/14	821	1717	40114	7231	55.9	13.3	
07/20/14	768	1765	40967	7495	54.7	12.6	
07/21/14	776	1657	38707	7034	66.0	18.9	
07/22/14	795	1724	40159	7193	66.9	19.4	
07/23/14	794	1686	40188	7244	64.4	18.0	
07/24/14	891	1810	41238	7433	66.5	19.2	
07/25/14	835	1758	41207	7454	63.7	17.6	
07/26/14	713	1547	36694	6643	57.4	14.1	
07/27/14	809	1716	39981	7234	62.0	16.7	
07/28/14	831	1694	41282	7502	74.3	23.5	c2
07/29/14	547	1607	38496	6963	70.5	21.4	
07/30/14	727	1720	40217	7274	63.5	17.5	
07/31/14					63.9	17.7	
08/01/14					63.3	17.4	
08/02/14					62.2	16.8	
08/03/14					60.7	15.9	
08/04/14					70.5	21.4	
08/05/14					61.4	16.3	
08/06/14					67.4	19.7	
08/07/14					67.4	19.7	
08/08/14					63.7	17.6	
08/09/14					62.0	16.7	
08/10/14					65.4	18.6	
08/11/14					67.5	19.7	
08/12/14					72.6	22.6	
08/13/14					68.3	20.2	
08/14/14	720	1370	34540	6169	65.3	18.5	
08/15/14	647	1437	33305	5908	62.2	16.8	a2, c2
08/16/14	758	1682	39200	6989	62.2	16.8	
08/17/14	595	1333	31273	5554	63.3	17.4	
08/18/14	741	1775	41161	7389	71.2	21.8	
08/19/14	639	1657	40763	7335	74.0	23.3	
08/20/14	569	1498	36150	6483	68.7	20.4	
08/21/14	570	1386	35803	6314	72.4	22.4	
08/22/14	623	1594	37026	6477	62.9	17.2	
08/23/14	541	1442	35104	6190	57.5	14.2	
08/24/14	542	1331	34395	6049	62.4	16.9	
08/25/14	498	1301	32036	5664	69.7	20.9	
08/26/14	522	1183	29958	5262	66.9	19.4	
08/27/14					63.8	17.7	
08/28/14	499	1413	31439	5454	70.0	21.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50069 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.1	15.6	
08/30/14					61.4	16.3	
08/31/14					62.9	17.2	
09/01/14					68.8	20.4	
09/02/14	364	1048	25820	4435	72.3	22.4	
09/03/14					73.6	23.1	
09/04/14	484	1391	33346	5801	68.0	20.0	
09/05/14					61.9	16.6	
09/06/14					61.2	16.2	
09/07/14					58.8	14.9	
09/08/14	529	1387	33835	5812	61.7	16.5	
09/09/14					67.0	19.4	
09/10/14					67.0	19.4	
09/11/14	375	1055	25053	4295	67.5	19.7	c4
09/12/14					60.2	15.7	
09/13/14					55.8	13.2	
09/14/14					58.5	14.7	
09/15/14	430	1223	29994	5129	59.9	15.5	
09/16/14					68.2	20.1	
09/17/14					63.8	17.7	
09/18/14	458	1318	31607	5358	71.3	21.8	
09/19/14					60.2	15.7	
09/20/14					60.8	16.0	
09/21/14					61.9	16.6	
09/22/14	348	1005	23096	3775	62.0	16.7	
09/23/14					63.1	17.3	
09/24/14					70.4	21.3	
09/25/14	513	1321	32458	5416	68.5	20.3	
09/26/14					59.4	15.2	
09/27/14					60.0	15.6	
09/28/14					59.4	15.2	
09/29/14	466	1140	28598	4716	63.8	17.7	
09/30/14					63.4	17.4	
10/01/14					64.9	18.3	
10/02/14	61	594	15760	2585	61.3	16.3	
10/03/14					53.3	11.8	
10/04/14					52.4	11.3	
10/05/14					50.6	10.3	
10/06/14	504	1210	29899	4922	68.7	20.4	c4
10/07/14					60.2	15.7	
10/08/14					61.6	16.4	
10/09/14	348	1076	26845	4345	60.3	15.7	
10/10/14					57.6	14.2	
10/11/14					56.2	13.4	
10/12/14					56.0	13.3	
10/13/14	384	1027	24998	4022	54.9	12.7	
10/14/14					56.5	13.6	
10/15/14					64.2	17.9	
10/16/14	361	972	26357	4168	60.9	16.1	
10/17/14					56.9	13.8	
10/18/14					57.6	14.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50069 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.5	13.1	
10/20/14	489	1065	26270	4161	55.2	12.9	
10/21/14					59.1	15.1	
10/22/14					63.7	17.6	
10/23/14	326	825	19838	3094	58.9	14.9	
10/24/14					55.3	12.9	
10/25/14					54.0	12.2	
10/26/14					57.1	13.9	
10/27/14	321	855	21509	3300	62.4	16.9	
10/28/14					56.5	13.6	
10/29/14					55.2	12.9	
10/30/14	486	1040	24911	3867	55.3	12.9	
10/31/14					54.5	12.5	
11/01/14					54.8	12.7	
11/02/14					54.3	12.4	
11/03/14	508	975	25480	4132	59.2	15.1	
11/04/14					56.7	13.7	
11/05/14					58.3	14.6	
11/06/14	495	1074	25294	3862	61.8	16.6	
11/07/14					55.5	13.1	
11/08/14					54.6	12.6	
11/09/14					53.8	12.1	
11/10/14	500	1090	24842	3721	63.7	17.6	
11/11/14					54.3	12.4	
11/12/14					55.0	12.8	
11/13/14	193	587	16004	3721	54.2	12.3	
11/14/14	496	1006	24452	3607	54.0	12.2	
11/15/14					52.9	11.6	
11/16/14					53.7	12.1	
11/17/14	505	1003	24070	3538	54.0	12.2	
11/18/14					52.1	11.2	
11/19/14					53.0	11.7	
11/20/14	392	809	20400	2949	54.6	12.6	
11/21/14					52.8	11.6	
11/22/14					51.8	11.0	
11/23/14					53.9	12.2	
11/24/14	498	939	23719	3425	54.7	12.6	
11/25/14					52.2	11.2	
11/26/14	378	671	18195	2674	53.7	12.1	
11/27/14					52.7	11.5	
11/28/14					53.0	11.7	
11/29/14					54.0	12.2	
11/30/14					54.4	12.4	
12/01/14	492	870	20893	2918	54.9	12.7	
12/02/14					54.0	12.2	
12/03/14					55.3	12.9	
12/04/14	435	897	20480	2887	54.0	12.2	
12/05/14					53.1	11.7	
12/06/14					52.7	11.5	
12/07/14					53.6	12.0	
12/08/14	501	869	19749	2644	54.7	12.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50069 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.7	12.6	
12/10/14					56.9	13.8	
12/11/14	499	967	21855	2953	56.0	13.3	
12/12/14					53.4	11.9	
12/13/14					52.8	11.6	
12/14/14					53.7	12.1	
12/15/14	412	835	20035	2708			
12/16/14							
12/17/14					51.9	11.1	
12/18/14	504	937	21338	2848	53.5	11.9	c4
12/19/14					50.8	10.4	
12/20/14					47.3	8.5	
12/21/14					51.4	10.8	
12/22/14	504	999	20982	2767	55.2	12.9	
12/23/14					52.1	11.2	
12/24/14	503	878	20733	2815	49.0	9.4	
12/25/14					53.0	11.7	
12/26/14					52.1	11.2	
12/27/14					43.7	6.5	
12/28/14					42.1	5.6	
12/29/14	497	961	19867	2643	43.3	6.3	
12/30/14					46.7	8.2	
12/31/14	180	649	15602	2136	43.7	6.5	
01/01/15	444	806	17013	2283	46.3	7.9	
01/02/15					42.5	5.8	
01/03/15					44.3	6.8	
01/04/15					44.5	6.9	
01/05/15	313	752	18508	2456	52.7	11.5	
01/06/15					55.4	13.0	
01/07/15					55.6	13.1	
01/08/15	223	708	16417	2176	52.1	11.2	
01/09/15					52.7	11.5	
01/10/15					51.1	10.6	
01/11/15					51.2	10.7	
01/12/15	510	926	19496	2497	53.4	11.9	
01/13/15					52.7	11.5	
01/14/15					53.4	11.9	
01/15/15	509	857	19339	2480	54.1	12.3	
01/16/15					47.9	8.8	
01/17/15					49.3	9.6	
01/18/15					48.0	8.9	
01/19/15	454	838	19086	2413	49.7	9.8	
01/20/15					53.5	11.9	
01/21/15					53.5	11.9	
01/22/15	397	786	18061	2317	53.5	11.9	
01/23/15					44.8	7.1	
01/24/15					47.6	8.7	
01/25/15					48.5	9.2	
01/26/15	484	886	19729	2519	57.0	13.9	
01/27/15					55.3	12.9	
01/28/15					57.8	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50069 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15	447	739	15462	1981	54.3	12.4	
01/30/15					52.8	11.6	
01/31/15					53.3	11.8	
02/01/15					49.7	9.8	
02/02/15	465	870	19027	2439	54.1	12.3	
02/03/15					54.2	12.3	

Maximum	891	1810	41282	7502	74.3	23.5	
Minimum	61	587	15462	1981	38.2	3.4	

Average	525	1187	28245	4671	57.9	14.4	
Std Dev	168	355	8420	1840	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50452 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14							
05/20/14							
05/21/14					40.7	4.8	
05/22/14					52.0	11.1	
05/23/14					46.1	7.8	
05/24/14					61.9	16.6	
05/25/14					50.4	10.2	
05/26/14					46.2	7.9	
05/27/14					57.6	14.2	
05/28/14					60.3	15.7	
05/29/14					63.1	17.3	
05/30/14					59.7	15.4	
05/31/14					57.4	14.1	
06/01/14					45.7	7.6	
06/02/14					57.9	14.4	
06/03/14					61.4	16.3	
06/04/14					60.6	15.9	
06/05/14					56.0	13.3	
06/06/14					64.6	18.1	
06/07/14					47.5	8.6	
06/08/14					55.6	13.1	
06/09/14					52.1	11.2	
06/10/14					45.7	7.6	
06/11/14					54.6	12.6	
06/12/14					72.5	22.5	
06/13/14					56.9	13.8	
06/14/14					68.2	20.1	
06/15/14					59.9	15.5	
06/16/14					67.5	19.7	
06/17/14					53.5	11.9	
06/18/14					57.7	14.3	
06/19/14					52.7	11.5	
06/20/14					53.6	12.0	
06/21/14					58.6	14.8	
06/22/14					60.8	16.0	
06/23/14					66.0	18.9	
06/24/14					59.4	15.2	
06/25/14					59.1	15.1	
06/26/14					68.9	20.5	
06/27/14					59.8	15.4	
06/28/14					63.2	17.3	
06/29/14					62.2	16.8	
06/30/14					59.4	15.2	
07/01/14					55.4	13.0	
07/02/14					54.8	12.7	
07/03/14					60.6	15.9	
07/04/14					60.3	15.7	
07/05/14					60.8	16.0	
07/06/14					59.3	15.2	
07/07/14					60.2	15.7	
07/08/14					60.8	16.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50452 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.7	17.6	
07/10/14					55.9	13.3	
07/11/14					65.7	18.7	
07/12/14					63.3	17.4	
07/13/14					58.9	14.9	
07/14/14					60.8	16.0	
07/15/14					60.0	15.6	
07/16/14					66.9	19.4	
07/17/14					57.1	13.9	
07/18/14					68.4	20.2	
07/19/14					56.7	13.7	
07/20/14					54.5	12.5	
07/21/14					64.5	18.1	
07/22/14					66.6	19.2	
07/23/14					64.3	17.9	
07/24/14	551	1069	25183	5196	65.1	18.4	
07/25/14	439	1149	27142	5630	62.9	17.2	
07/26/14	486	1014	23931	5001	56.3	13.5	
07/27/14	296	895	22385	4603	60.8	16.0	
07/28/14	578	1113	26505	5555	74.2	23.4	c2
07/29/14	359	1017	24723	5128	69.6	20.9	
07/30/14	480	1093	25154	5320	63.6	17.6	
07/31/14					63.4	17.4	
08/01/14					63.5	17.5	
08/02/14					62.1	16.7	
08/03/14					60.6	15.9	
08/04/14					69.7	20.9	
08/05/14					61.1	16.2	
08/06/14					67.5	19.7	
08/07/14					67.2	19.6	
08/08/14					63.5	17.5	
08/09/14					61.9	16.6	
08/10/14					64.1	17.8	
08/11/14					67.3	19.6	
08/12/14					72.5	22.5	
08/13/14					68.2	20.1	
08/14/14					64.9	18.3	
08/15/14					61.7	16.5	
08/16/14					61.6	16.4	
08/17/14					63.9	17.7	
08/18/14					70.3	21.3	
08/19/14	677	1311	31626	6510	73.2	22.9	
08/20/14	582	1181	28124	5833	68.3	20.2	
08/21/14	624	1228	30314	6185	71.9	22.2	
08/22/14	594	1121	26516	5457	62.2	16.8	
08/23/14	634	1218	29331	6004	57.0	13.9	
08/24/14	639	1148	28632	5854	61.5	16.4	
08/25/14	639	1195	28881	5866	70.1	21.2	c2
08/26/14	513	977	26195	5284	66.2	19.0	
08/27/14					63.6	17.6	
08/28/14	624	1208	29125	5949	69.2	20.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50452 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.6	15.3	
08/30/14					60.2	15.7	
08/31/14					62.3	16.8	
09/01/14					68.0	20.0	
09/02/14	548	1012	25803	5199	72.0	22.2	
09/03/14					73.3	22.9	
09/04/14	499	1021	25752	5240	67.4	19.7	
09/05/14					61.3	16.3	
09/06/14					61.0	16.1	
09/07/14					58.2	14.6	
09/08/14	543	985	24810	4914	61.4	16.3	
09/09/14					66.5	19.2	
09/10/14					66.6	19.2	
09/11/14	565	997	24647	4958	66.9	19.4	c2
09/12/14					59.9	15.5	
09/13/14					55.2	12.9	
09/14/14					58.2	14.6	
09/15/14	584	1124	27536	5474	59.8	15.4	
09/16/14					68.1	20.1	
09/17/14					63.8	17.7	
09/18/14	612	1217	28950	5801	70.7	21.5	
09/19/14					60.0	15.6	
09/20/14					60.5	15.8	
09/21/14					61.3	16.3	
09/22/14	492	905	22883	4514	61.9	16.6	
09/23/14					63.1	17.3	
09/24/14					69.9	21.1	
09/25/14	666	1046	28375	5659	68.2	20.1	
09/26/14					59.1	15.1	
09/27/14					59.8	15.4	
09/28/14					58.6	14.8	
09/29/14	583	1024	26124	5163	64.0	17.8	
09/30/14					63.8	17.7	
10/01/14					65.3	18.5	
10/02/14	41	330	10568	2054	61.3	16.3	
10/03/14					53.2	11.8	
10/04/14					52.3	11.3	
10/05/14					50.6	10.3	
10/06/14	580	996	24490	4729	68.1	20.1	c2
10/07/14					60.4	15.8	
10/08/14					61.4	16.3	
10/09/14	649	1146	27067	5361	60.2	15.7	
10/10/14					57.3	14.1	
10/11/14					56.3	13.5	
10/12/14					56.2	13.4	
10/13/14	633	996	24868	4966	54.8	12.7	
10/14/14					56.4	13.6	
10/15/14					64.2	17.9	
10/16/14	450	738	18229	3549	61.1	16.2	
10/17/14					57.0	13.9	
10/18/14					57.8	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50452 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.8	13.2	
10/20/14	485	694	20069	3872	55.4	13.0	
10/21/14					59.0	15.0	
10/22/14					63.9	17.7	
10/23/14	467	733	19174	3714	59.0	15.0	c2
10/24/14					55.3	12.9	
10/25/14					53.9	12.2	
10/26/14					57.0	13.9	
10/27/14	682	1011	24026	4622	62.6	17.0	
10/28/14					56.3	13.5	
10/29/14					54.5	12.5	
10/30/14	592	771	20419	3929	55.6	13.1	
10/31/14					55.1	12.8	
11/01/14					54.6	12.6	
11/02/14					54.7	12.6	
11/03/14	600	914	21858	4185	59.4	15.2	
11/04/14					57.3	14.1	
11/05/14					58.6	14.8	
11/06/14	662	932	22070	4255	62.0	16.7	
11/07/14					55.5	13.1	
11/08/14					54.5	12.5	
11/09/14					54.5	12.5	
11/10/14	515	789	19451	3751	63.7	17.6	
11/11/14					55.6	13.1	
11/12/14					54.8	12.7	
11/13/14	548	786	19664	3819	54.2	12.3	
11/14/14					54.7	12.6	
11/15/14					53.1	11.7	
11/16/14					54.6	12.6	
11/17/14	536	784	18936	3638	54.0	12.2	
11/18/14					52.8	11.6	
11/19/14					53.3	11.8	
11/20/14	615	872	20575	4005	55.8	13.2	
11/21/14					53.0	11.7	
11/22/14					51.4	10.8	
11/23/14					54.4	12.4	
11/24/14	690	923	21923	4186	54.7	12.6	
11/25/14					52.2	11.2	
11/26/14	535	773	18187	3488	53.9	12.2	
11/27/14					53.4	11.9	
11/28/14					54.5	12.5	
11/29/14					53.7	12.1	
11/30/14					55.3	12.9	
12/01/14	603	696	15668	2990	56.2	13.4	
12/02/14					55.0	12.8	
12/03/14					55.9	13.3	
12/04/14	574	745	17186	3240	54.6	12.6	c2
12/05/14					53.5	11.9	
12/06/14					53.2	11.8	
12/07/14					53.6	12.0	
12/08/14	644	790	18735	3131	55.5	13.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50452 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.2	12.9	
12/10/14					57.0	13.9	
12/11/14	701	836	19541	3605	56.0	13.3	
12/12/14					53.9	12.2	
12/13/14					52.6	11.4	
12/14/14					53.8	12.1	
12/15/14	615	807	17733	3313			
12/16/14							
12/17/14					51.8	11.0	
12/18/14	536	704	16795	3080	54.6	12.6	
12/19/14					51.7	10.9	
12/20/14					47.0	8.3	
12/21/14					51.6	10.9	
12/22/14	658	779	18408	3421	55.8	13.2	
12/23/14					55.8	13.2	
12/24/14	616	701	17591	3247	55.8	13.2	
12/25/14					55.8	13.2	
12/26/14					55.8	13.2	
12/27/14					55.8	13.2	
12/28/14					55.8	13.2	
12/29/14	441	554	12108	2273	55.8	13.2	
12/30/14					55.8	13.2	
12/31/14	667	675	16231	2965	55.8	13.2	
01/01/15					55.8	13.2	
01/02/15					55.8	13.2	
01/03/15					55.8	13.2	
01/04/15					55.8	13.2	
01/05/15	619	723	15940	3010	55.8	13.2	
01/06/15					55.8	13.2	
01/07/15					55.8	13.2	
01/08/15	644	690	15209	2842	55.8	13.2	c2
01/09/15					55.8	13.2	
01/10/15					55.8	13.2	
01/11/15					55.8	13.2	
01/12/15	707	781	15560	2894	55.8	13.2	
01/13/15					55.8	13.2	
01/14/15					55.8	13.2	
01/15/15	667	746	15491	2874	55.8	13.2	
01/16/15					55.8	13.2	
01/17/15					55.8	13.2	
01/18/15					55.8	13.2	
01/19/15	736	711	15349	2842	55.8	13.2	
01/20/15					55.8	13.2	
01/21/15					55.8	13.2	
01/22/15	669	640	14583	2690	55.8	13.2	
01/23/15					55.8	13.2	
01/24/15					55.8	13.2	
01/25/15					55.8	13.2	
01/26/15	730	746	15937	2961	55.8	13.2	
01/27/15					55.8	13.2	
01/28/15					55.8	13.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50452 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15	626	448	10331	1922	55.8	13.2	
01/30/15					55.8	13.2	
01/31/15					55.8	13.2	
02/01/15					55.8	13.2	
02/02/15	711	648	14712	2710	55.8	13.2	
02/03/15					55.8	13.2	

Maximum	736	1311	31626	6510	74.2	23.4	
Minimum	41	330	10331	1922	40.7	4.8	

Average	578	900	21694	4269	58.9	14.9	
Std Dev	112	208	5292	1188	5.6	3.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50522 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
05/19/14											
05/20/14					39.7	4.3					
05/21/14					40.9	4.9					
05/22/14					52.0	11.1					
05/23/14					46.0	7.8					
05/24/14					63.0	17.2					
05/25/14					52.3	11.3					
05/26/14					46.7	8.2					
05/27/14					57.6	14.2					
05/28/14					60.4	15.8					
05/29/14					63.0	17.2					
05/30/14					60.2	15.7					
05/31/14					58.2	14.6					
06/01/14					46.1	7.8					
06/02/14					58.1	14.5					
06/03/14					60.5	15.8					
06/04/14					61.8	16.6					
06/05/14					55.2	12.9					
06/06/14					64.6	18.1					
06/07/14					48.3	9.1					
06/08/14					55.7	13.2					
06/09/14					51.8	11.0					
06/10/14					47.4	8.6					
06/11/14					54.5	12.5					
06/12/14					72.7	22.6					
06/13/14					56.8	13.8					
06/14/14					67.7	19.8					
06/15/14					60.1	15.6					
06/16/14					68.5	20.3					
06/17/14					54.4	12.4					
06/18/14					57.7	14.3					
06/19/14					52.8	11.6					
06/20/14					54.6	12.6					
06/21/14					59.0	15.0					
06/22/14					62.2	16.8					
06/23/14					66.4	19.1					
06/24/14					59.7	15.4					
06/25/14					59.5	15.3					
06/26/14					69.4	20.8					
06/27/14					60.3	15.7					
06/28/14					63.7	17.6					
06/29/14					62.3	16.8					
06/30/14					59.8	15.4					
07/01/14					56.2	13.4					
07/02/14					55.4	13.0					
07/03/14					61.3	16.3					
07/04/14					60.9	16.1					
07/05/14					60.8	16.0					
07/06/14					59.7	15.4					
07/07/14					60.8	16.0					
07/08/14					61.3	16.3					

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50522 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
07/09/14					63.9	17.7					
07/10/14					56.5	13.6					
07/11/14					65.9	18.8					
07/12/14					62.9	17.2					
07/13/14					58.4	14.7					
07/14/14					61.1	16.2					
07/15/14					60.7	15.9					
07/16/14					67.5	19.7					
07/17/14					57.8	14.3					
07/18/14					68.8	20.4					
07/19/14					56.1	13.4					
07/20/14					55.2	12.9					
07/21/14					65.2	18.4					
07/22/14					66.4	19.1					
07/23/14					64.8	18.2					
07/24/14	21975	539	62032	945	66.3	19.1					
07/25/14	26838	662	69674	993	63.6	17.6					
07/26/14	20998	537	61790	971	57.1	13.9					
07/27/14	27179	639	72050	1134	61.6	16.4					
07/28/14	24154	630	68024	1011	74.5	23.6					c2
07/29/14	28020	684	76858	1155	69.9	21.1					
07/30/14	23282	626	69258	1086	64.0	17.8					a2, c2
07/31/14	23961	525	66745	982	64.3	17.9	70.4	21.3	61.3	16.3	
08/01/14	21551	509	67320	1068	63.3	17.4	70.4	21.3	60.6	15.9	
08/02/14	20507	563	63031	989	62.5	16.9	69.8	21.0	61.3	16.3	
08/03/14	16585	510	58759	916	61.1	16.2	71.2	21.8	60.7	15.9	
08/04/14	19640	554	67041	1031	69.6	20.9	71.5	21.9	63.2	17.3	
08/05/14	15630	522	62544	964	61.8	16.6	70.7	21.5	61.2	16.2	
08/06/14	17687	476	64068	1036	67.7	19.8	76.2	24.6	61.6	16.4	
08/07/14	13890	520	60111	920	67.0	19.4	71.1	21.7	62.5	16.9	
08/08/14	16420	496	64567	1027	63.5	17.5	73.1	22.8	59.3	15.2	
08/09/14	14813	573	64181	1032	62.1	16.7	73.5	23.1	61.6	16.4	
08/10/14	14862	554	64810	991	64.4	18.0	72.7	22.6	61.7	16.5	
08/11/14	12188	538	62173	1017	67.4	19.7	73.8	23.2	60.4	15.8	c4
08/12/14	12624	507	65850	1028	72.7	22.6	75.8	24.3	61.8	16.6	
08/13/14	12071	472	63927	1104	68.3	20.2	74.7	23.7	62.8	17.1	
08/14/14	10291	439	56528	873	65.4	18.6	73.8	23.2	61.9	16.6	
08/15/14	12242	489	58382	976	62.1	16.7	73.5	23.1	61.9	16.6	
08/16/14	9258	455	59976	928	61.9	16.6	74.6	23.7	61.5	16.4	
08/17/14	11912	469	63588	1078	63.0	17.2	71.7	22.1	61.9	16.6	
08/18/14	9111	448	57532	918	70.7	21.5	71.4	21.9	61.8	16.6	
08/19/14	8549	419	54547	968	73.3	22.9	74.9	23.8	61.6	16.4	
08/20/14	9490	543	60061	1040	68.3	20.2	72.3	22.4	63.8	17.7	
08/21/14	8971	460	59551	972	72.1	22.3	75.6	24.2	61.1	16.2	
08/22/14	7829	352	52471	829	62.7	17.1	67.0	19.4	61.7	16.5	
08/23/14	7816	456	58254	894	57.6	14.2	71.9	22.2	57.8	14.3	
08/24/14	8081	443	57782	908	61.8	16.6	79.9	26.6	59.8	15.4	
08/25/14	8300	394	55044	920	69.9	21.1	83.7	28.7	62.4	16.9	c4
08/26/14	8713	400	56774	872	66.8	19.3	70.9	21.6	62.4	16.9	
08/27/14					64.1	17.8	69.7	20.9	61.1	16.2	
08/28/14	9472	455	60365	967	70.3	21.3	71.6	22.0	58.2	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50522 (Cell 1)											
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08/29/14					60.4	15.8	73.4	23.0	60.4	15.8	
08/30/14					61.3	16.3	80.8	27.1	60.0	15.6	
08/31/14					62.7	17.1	72.1	22.3	61.8	16.6	
09/01/14					68.6	20.3	73.4	23.0	62.3	16.8	
09/02/14	7373	362	53304	859	72.6	22.6	73.7	23.2	61.6	16.4	
09/03/14	6986	259	39338	633	74.0	23.3	77.0	25.0	61.6	16.4	
09/04/14	7911	500	57002	924	68.1	20.1	74.5	23.6	62.2	16.8	
09/05/14	8823	407	55026	900	61.8	16.6	72.5	22.5	62.0	16.7	
09/06/14	7588	425	55944	907	61.6	16.4	69.7	20.9	61.5	16.4	
09/07/14	7841	343	52486	840	58.8	14.9	70.8	21.6	58.7	14.8	
09/08/14	7930	460	54799	886	61.8	16.6	71.3	21.8	61.5	16.4	
09/09/14	8771	427	62741	1082	67.0	19.4	73.7	23.2	63.2	17.3	
09/10/14	8625	427	62596	1031	67.3	19.6	70.8	21.6	61.4	16.3	
09/11/14	7071	391	51431	822	67.0	19.4	72.2	22.3	61.2	16.2	
09/12/14	8758	497	61598	1004	60.7	15.9	67.3	19.6	58.5	14.7	
09/13/14	7478	456	57344	961	56.3	13.5	69.5	20.8	55.5	13.1	
09/14/14	8202	445	52319	849	58.9	14.9	72.3	22.4	58.7	14.8	
09/15/14	6879	384	56055	928	60.0	15.6	71.1	21.7	60.1	15.6	
09/16/14	8557	438	60782	947	68.3	20.2	68.0	20.0	61.4	16.3	
09/17/14	7959	386	62978	1028	63.9	17.7	65.2	18.4	60.3	15.7	
09/18/14	6473	416	57365	956	71.6	22.0	73.7	23.2	56.5	13.6	c4
09/19/14	8601	496	62213	1036	60.5	15.8	72.8	22.7	60.0	15.6	
09/20/14	7487	486	55543	925	61.0	16.1	74.7	23.7	60.8	16.0	
09/21/14	7797	442	57549	943	61.7	16.5	71.9	22.2	61.7	16.5	
09/22/14	5902	443	52639	880	61.8	16.6	67.8	19.9	61.7	16.5	
09/23/14	8169	518	61908	1068	63.3	17.4	72.9	22.7	60.3	15.7	
09/24/14	7454	484	63321	1089	69.6	20.9	73.4	23.0	58.0	14.4	
09/25/14	7296	447	55893	946	68.9	20.5	73.6	23.1	60.4	15.8	
09/26/14	6621	446	53632	922	59.4	15.2	71.5	21.9	59.4	15.2	
09/27/14	6503	363	50525	899	60.3	15.7	69.4	20.8	59.9	15.5	
09/28/14	6966	465	53666	961	59.3	15.2	67.9	19.9	59.1	15.1	
09/29/14	7273	460	62100	1073	63.9	17.7	67.6	19.8	56.4	13.6	
09/30/14	7545	441	61522	1041	63.8	17.7	66.4	19.1	51.1	10.6	
10/01/14	6017	503	53487	907	65.1	18.4	66.4	19.1	50.8	10.4	
10/02/14	7264	481	57066	1020	61.4	16.3					
10/03/14	7210	495	58419	1041	53.4	11.9					
10/04/14	6234	441	54422	983	52.3	11.3					
10/05/14	5913	416	53324	979	51.0	10.6					
10/06/14	6417	485	56839	1026	68.3	20.2					c4
10/07/14	5350	449	52204	960	60.5	15.8	62.3	16.9	58.2	14.6	
10/08/14	5902	415	54660	964	62.4	16.9	62.3	16.8	56.8	13.8	
10/09/14	5865	492	55156	1012	59.8	15.4	62.5	16.9	57.0	13.9	
10/10/14	5305	379	49464	923	58.0	14.4	59.5	15.3	56.6	13.6	
10/11/14	4642	324	43829	795	57.0	13.9	61.7	16.5	55.2	12.9	
10/12/14	5046	456	52880	990	56.5	13.6	61.0	16.1	53.9	12.2	
10/13/14	5436	438	54038	1003	55.2	12.9	61.4	16.3	53.0	11.7	
10/14/14	5413	508	54714	1043	56.8	13.8	62.0	16.6	53.0	11.7	
10/15/14	4968	508	53513	1025	64.0	17.8	64.9	18.3	53.3	11.8	
10/16/14	4714	471	53517	994	60.9	16.1	64.2	17.9	53.9	12.2	
10/17/14	5211	419	53754	989	57.2	14.0	63.4	17.4	54.4	12.5	
10/18/14	4256	382	47388	893	58.0	14.4	61.8	16.6	56.4	13.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

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Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
10/19/14	4335	380	45197	861	56.1	13.4	63.1	17.3	54.9	12.7	
10/20/14	4462	441	49670	948	55.6	13.1	63.8	17.7	54.0	12.2	
10/21/14	4713	441	55196	1045	59.1	15.1	61.6	16.4	55.8	13.2	
10/22/14	4001	448	54311	975	64.1	17.8	61.5	16.4	54.3	12.4	
10/23/14	3714	382	43891	871	59.1	15.1	63.2	17.3	53.5	12.0	c4
10/24/14	4069	462	47369	913	56.2	13.4	63.7	17.6	53.9	12.2	
10/25/14	4306	485	50341	973	54.0	12.2	64.4	18.0	53.5	12.0	
10/26/14	4303	482	50350	988	56.9	13.8	63.2	17.4	56.7	13.7	
10/27/14	4059	416	45838	863	62.8	17.1	63.3	17.4	55.8	13.2	
10/28/14	4331	459	49603	990	56.6	13.7	62.8	17.1	53.3	11.8	
10/29/14	3824	409	45178	877	54.8	12.7	61.2	16.2	52.5	11.4	
10/30/14	3636	404	46661	929	55.8	13.2	61.7	16.5	52.9	11.6	
10/31/14	4047	445	48930	933	55.4	13.0	61.5	16.4	53.2	11.8	
11/01/14	4084	472	48638	927	54.2	12.3	61.7	16.5	53.8	12.1	
11/02/14	3412	339	44406	868	54.5	12.5	55.8	13.2	53.5	11.9	
11/03/14	3677	525	48037	940	59.5	15.3	58.1	14.5	52.5	11.4	
11/04/14	3607	435	46770	899	57.1	13.9	58.1	14.5	52.4	11.3	
11/05/14	3250	461	43336	831	58.7	14.8	59.0	15.0	52.5	11.4	
11/06/14	4165	546	52666	1037	62.1	16.7	60.6	15.9	52.5	11.4	
11/07/14	3212	414	45138	889	55.9	13.3	61.0	16.1	52.4	11.3	
11/08/14	3627	433	43345	865	55.2	12.9	60.2	15.7	51.6	10.9	
11/09/14	3418	390	47151	921	54.5	12.5	60.4	15.8	52.5	11.4	
11/10/14	3035	387	42716	847	63.9	17.7	62.0	16.7	52.6	11.4	
11/11/14	2594	367	40652	802	55.3	12.9	57.7	14.3	52.0	11.1	
11/12/14	3726	477	51417	1030	54.6	12.6	54.3	12.4	49.6	9.8	
11/13/14	2646	414	43153	866	54.0	12.2	53.0	11.6	47.9	8.8	c4
11/14/14	3472	423	46087	996	54.3	12.4	55.6	13.1	52.0	11.1	
11/15/14	3351	444	46422	971	53.6	12.0	57.2	14.0	52.1	11.2	
11/16/14	3033	343	41196	863	54.3	12.4	53.4	11.9	49.7	9.9	
11/17/14	3193	386	44938	947	53.8	12.1	53.2	11.8	48.0	8.9	
11/18/14	3227	424	47350	984	53.6	12.0	53.1	11.7	46.1	7.8	
11/19/14	2942	394	47299	981	53.8	12.1	53.2	11.8	48.0	8.9	
11/20/14	2904	465	44413	893	55.7	13.2	54.6	12.6	49.5	9.7	
11/21/14	2883	422	42319	876	52.8	11.6	53.5	11.9	50.9	10.5	
11/22/14	2957	409	44308	937	51.5	10.8	55.1	12.8	49.9	9.9	
11/23/14	2359	410	40768	948	54.5	12.5	53.9	12.2	51.3	10.7	
11/24/14	2251	369	35824	775	53.4	11.9	53.3	11.9	47.0	8.4	
11/25/14	2782	474	46483	980	51.9	11.1	52.6	11.4	46.0	7.8	
11/26/14	2019	336	34189	741	53.9	12.2	54.6	12.6	49.7	9.8	
11/27/14	2608	460	43059	1020	53.0	11.7	56.7	13.7	50.4	10.2	
11/28/14	2353	403	39888	890	53.0	11.7	56.5	13.6	51.4	10.8	
11/29/14	2157	411	38811	835	54.7	12.6	58.4	14.7	51.6	10.9	
11/30/14	2087	361	36126	766	54.7	12.6	56.4	13.5	52.0	11.1	
12/01/14	2440	433	40385	902	56.6	13.7	56.1	13.4	51.8	11.0	
12/02/14	2231	405	40280	920	54.5	12.5	54.0	12.2	51.4	10.8	
12/03/14	2247	404	38377	911	55.6	13.1	57.2	14.0	51.8	11.0	
12/04/14	2259	398	39674	854	54.1	12.3	53.8	12.1	52.1	11.2	c4
12/05/14	2095	394	39617	965	53.5	11.9	55.5	13.0	52.0	11.1	
12/06/14	2294	431	38224	842	54.0	12.2	54.6	12.5	51.9	11.1	
12/07/14	2304	416	40170	875	54.3	12.4	56.6	13.7	52.0	11.1	
12/08/14	2237	440	38393	882	55.4	13.0	55.6	13.1	52.0	11.1	

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12/09/14	1775	337	35927	801	55.4	13.0	54.7	12.6	43.0	6.1	
12/10/14	2390	483	40903	907	57.1	13.9	55.6	13.1	51.6	10.9	
12/11/14	2468	417	44340	983	55.5	13.1	56.5	13.6	51.6	10.9	
12/12/14	1695	291	30247	689	54.1	12.3	55.1	12.9	52.0	11.1	
12/13/14	2305	420	41194	903	53.5	11.9	56.2	13.4	51.9	11.1	
12/14/14	1856	411	36785	838	54.4	12.4	53.6	12.0	50.2	10.1	
12/15/14	2168	404	39337	892			53.6	12.0	43.2	6.2	
12/16/14							46.0	7.8	41.5	5.3	
12/17/14	2517	506	44687	944	51.8	11.0	52.1	11.2	40.8	4.9	
12/18/14	2014	445	40037	906	54.2	12.3	52.3	11.3	48.8	9.3	c4
12/19/14	2126	503	41276	963	50.7	10.4	52.3	11.3	47.4	8.5	
12/20/14	1891	428	37671	902	48.0	8.9	52.9	11.6	46.2	7.9	
12/21/14	2270	431	37711	877	52.1	11.2	53.0	11.7	49.8	9.9	
12/22/14	1943	469	38733	902	56.0	13.3	54.5	12.5	51.5	10.8	
12/23/14	2307	462	42274	1014	52.6	11.4	52.1	11.2	46.2	7.9	
12/24/14	1823	392	39359	924	46.9	8.3	52.2	11.2	45.6	7.5	
12/25/14	2180	456	39958	944	52.3	11.3	57.8	14.3	47.7	8.7	
12/26/14	2050	449	35925	899	53.4	11.9	52.2	11.2	45.2	7.3	
12/27/14	1959	405	35946	868	45.4	7.4	51.7	11.0	42.6	5.9	
12/28/14	1591	310	34141	836	43.3	6.3	51.6	10.9	42.0	5.6	
12/29/14	1696	410	34618	857	44.0	6.7	51.6	10.9	42.7	5.9	
12/30/14	1857	431	34530	798	46.3	7.9	46.7	8.2	43.8	6.5	
12/31/14	1870	410	36196	920	44.1	6.7	50.7	10.4	42.9	6.0	
01/01/15	1916	435	35242	872	47.0	8.3	51.0	10.6	43.4	6.3	
01/02/15	1780	378	33109	791	41.1	5.1	51.2	10.7	42.1	5.6	
01/03/15	1802	385	33184	844	45.3	7.4	51.4	10.8	43.3	6.3	
01/04/15	1717	375	34290	870	45.9	7.7	52.2	11.2	44.0	6.6	
01/05/15	1912	463	39690	971	54.0	12.2	52.5	11.4	45.5	7.5	
01/06/15	1700	459	38470	966	56.1	13.4	53.6	12.0	48.7	9.3	
01/07/15	1837	497	40582	1056	55.6	13.1	53.4	11.9	48.4	9.1	
01/08/15	1742	463	39865	1114	52.5	11.4	52.5	11.4	47.7	8.7	c4
01/09/15	1512	405	33851	799	53.1	11.7	51.9	11.1	50.0	10.0	
01/10/15	1636	479	35342	874	51.9	11.1	53.1	11.7	49.5	9.7	
01/11/15	1319	369	30532	788	52.0	11.1	52.7	11.5	49.3	9.6	
01/12/15	1765	419	38381	970	54.4	12.4	52.5	11.4	49.3	9.6	
01/13/15	1654	407	34812	841	53.6	12.0	52.1	11.1	50.3	10.1	
01/14/15	1509	409	35704	894	54.0	12.2	52.2	11.2	48.3	9.0	
01/15/15	1667	474	37855	1002	54.6	12.6	52.6	11.4	47.5	8.6	
01/16/15	1436	408	35349	899	47.7	8.7	52.3	11.3	46.7	8.1	
01/17/15	1569	448	33924	845	48.6	9.2	53.7	12.1	48.2	9.0	
01/18/15	1667	397	34182	887	47.4	8.6	53.1	11.7	47.0	8.3	
01/19/15	1670	419	36214	922	50.8	10.4	54.8	12.7	48.3	9.0	
01/20/15	1513	439	35942	912	53.8	12.1	54.5	12.5	49.9	9.9	
01/21/15	1700	462	36345	970	53.9	12.2	61.7	16.5	51.1	10.6	
01/22/15	1760	434	39451	1039	54.5	12.5	51.9	11.1	46.3	7.9	
01/23/15	1451	419	33614	863	44.7	7.1	58.6	14.8	43.5	6.4	
01/24/15	1593	470	35044	927	46.4	8.0	53.1	11.7	45.9	7.7	
01/25/15	1683	463	33929	870	48.5	9.2	52.9	11.6	46.7	8.1	
01/26/15	1779	473	37814	1002	57.4	14.1	55.1	12.8	49.6	9.8	
01/27/15	1551	414	36111	943	55.6	13.1	56.4	13.6	50.5	10.3	
01/28/15	1506	427	36016	951	58.6	14.8	56.6	13.6	51.5	10.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50522 (Cell 1)											
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Hourly High Temp (F)	Hourly High Temp (C)	Hourly Low Temp (F)	Hourly Low Temp (C)	Filter Change
01/29/15	1605	375	30647	760	54.6	12.6	53.1	11.7	51.6	10.9	c4
01/30/15					54.1	12.3	52.5	11.4	51.7	10.9	
01/31/15	1632	430	36921	1026	53.3	11.8	52.2	11.2	51.4	10.8	
02/01/15	1450	393	31354	958	51.5	10.8	54.7	12.6	49.1	9.5	
02/02/15	1759	423	36243	989	54.8	12.7	53.4	11.9	48.3	9.0	
02/03/15	1805	522	36846	985	54.7	12.6	53.9	12.2	48.6	9.2	

Maximum	28020	684	76858	1155	74.5	23.6	83.7	28.7	63.8	17.7	
Minimum	1319	259	30247	633	39.7	4.3	46.0	7.8	40.8	4.9	

Average	5953	444	48251	935	58.2	14.6	61.6	16.5	53.6	12.0	
Std Dev	5606	62	10627	83	6.7	3.7	8.6	4.8	6.0	3.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

68430 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					35.6	2.0	
05/20/14					39.1	3.9	
05/21/14					39.7	4.3	
05/22/14					46.8	8.2	
05/23/14					45.2	7.3	
05/24/14					63.8	17.7	
05/25/14					65.4	18.6	
05/26/14					64.4	18.0	
05/27/14					66.7	19.3	
05/28/14					67.7	19.8	
05/29/14					66.5	19.2	
05/30/14					65.4	18.6	
05/31/14					67.8	19.9	
06/01/14					67.1	19.5	
06/02/14					70.5	21.4	
06/03/14					72.1	22.3	
06/04/14					65.5	18.6	
06/05/14					64.2	17.9	
06/06/14					64.9	18.3	
06/07/14					65.1	18.4	
06/08/14					63.2	17.3	
06/09/14					69.2	20.7	
06/10/14					63.7	17.6	
06/11/14					65.7	18.7	
06/12/14					53.4	11.9	
06/13/14					63.9	17.7	
06/14/14					63.9	17.7	
06/15/14					60.2	15.7	
06/16/14					63.3	17.4	
06/17/14					66.8	19.3	
06/18/14					69.4	20.8	
06/19/14					65.7	18.7	
06/20/14					67.9	19.9	
06/21/14					62.0	16.7	
06/22/14					62.1	16.7	
06/23/14					70.1	21.2	
06/24/14					68.5	20.3	
06/25/14					66.6	19.2	
06/26/14					70.0	21.1	
06/27/14					64.7	18.2	
06/28/14					61.8	16.6	
06/29/14					62.2	16.8	
06/30/14					65.1	18.4	
07/01/14					69.9	21.1	
07/02/14					63.3	17.4	
07/03/14					69.3	20.7	
07/04/14					62.4	16.9	
07/05/14					63.3	17.4	
07/06/14					61.8	16.6	
07/07/14					71.6	22.0	
07/08/14					66.0	18.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68430 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.6	18.1	
07/10/14					68.0	20.0	
07/11/14					68.1	20.1	
07/12/14					63.8	17.7	
07/13/14					62.5	16.9	
07/14/14					65.4	18.6	
07/15/14					63.9	17.7	
07/16/14					66.2	19.0	
07/17/14					64.9	18.3	
07/18/14					70.4	21.3	
07/19/14					64.3	17.9	
07/20/14					62.1	16.7	
07/21/14					67.3	19.6	
07/22/14					69.0	20.6	
07/23/14					66.6	19.2	
07/24/14					67.8	19.9	
07/25/14					64.2	17.9	
07/26/14					66.3	19.1	
07/27/14					64.3	17.9	
07/28/14					69.3	20.7	
07/29/14					66.5	19.2	
07/30/14					62.6	17.0	
07/31/14					63.0	17.2	
08/01/14					61.7	16.5	
08/02/14					61.6	16.4	
08/03/14					61.6	16.4	
08/04/14					68.4	20.2	
08/05/14					66.7	19.3	
08/06/14					66.0	18.9	
08/07/14	91	82	2642	615	67.2	19.6	
08/08/14	70	96	2075	416	59.8	15.4	
08/09/14	69	82	2014	433	62.5	16.9	
08/10/14	70	116	2189	488	63.2	17.3	
08/11/14	92	135	2391	514	65.8	18.8	
08/12/14	112	150	3133	687	72.2	22.3	
08/13/14	86	118	2272	494	68.0	20.0	
08/14/14					65.3	18.5	
08/15/14					62.0	16.7	
08/16/14					62.7	17.1	
08/17/14					61.6	16.4	
08/18/14					68.8	20.4	
08/19/14					70.5	21.4	
08/20/14					67.9	19.9	
08/21/14					70.6	21.4	
08/22/14					61.6	16.4	
08/23/14					58.8	14.9	
08/24/14					62.8	17.1	
08/25/14					67.9	19.9	
08/26/14					64.8	18.2	
08/27/14					62.9	17.2	
08/28/14					69.2	20.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

68430 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.0	16.1	
08/30/14					61.2	16.2	
08/31/14					61.9	16.6	
09/01/14					61.5	16.4	
09/02/14					71.3	21.8	
09/03/14					69.8	21.0	
09/04/14					65.6	18.7	
09/05/14					61.9	16.6	
09/06/14					66.3	19.1	
09/07/14					59.2	15.1	
09/08/14					62.0	16.7	
09/09/14					65.6	18.7	
09/10/14					66.1	18.9	
09/11/14					65.7	18.7	
09/12/14					61.7	16.5	
09/13/14					56.3	13.5	
09/14/14					58.9	14.9	
09/15/14					60.3	15.7	
09/16/14					66.1	18.9	
09/17/14					64.0	17.8	
09/18/14					63.2	17.3	
09/19/14					60.6	15.9	
09/20/14					61.6	16.4	
09/21/14					61.5	16.4	
09/22/14					61.7	16.5	
09/23/14					62.8	17.1	
09/24/14	155	177	3926	866	67.5	19.7	
09/25/14					66.8	19.3	
09/26/14					59.5	15.3	
09/27/14					61.1	16.2	
09/28/14					59.9	15.5	
09/29/14					62.7	17.1	
09/30/14					62.5	16.9	
10/01/14					63.4	17.4	
10/02/14					61.0	16.1	
10/03/14					52.4	11.3	
10/04/14					52.1	11.2	
10/05/14					51.8	11.0	
10/06/14					66.9	19.4	
10/07/14	131	147	3234	692	59.3	15.2	
10/08/14					61.4	16.3	
10/09/14					60.4	15.8	
10/10/14					58.8	14.9	
10/11/14					57.1	13.9	
10/12/14					56.5	13.6	
10/13/14					56.0	13.3	
10/14/14					57.0	13.9	
10/15/14					63.5	17.5	
10/16/14					61.1	16.2	
10/17/14					57.1	13.9	
10/18/14					58.0	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

68430 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.8	13.8	
10/20/14					55.7	13.2	
10/21/14					60.1	15.6	
10/22/14					63.1	17.3	
10/23/14					59.1	15.1	
10/24/14					56.2	13.4	
10/25/14					55.3	12.9	
10/26/14					58.0	14.4	
10/27/14					62.3	16.8	
10/28/14					56.4	13.6	
10/29/14					56.0	13.3	
10/30/14					56.2	13.4	
10/31/14					55.7	13.2	
11/01/14					55.7	13.2	
11/02/14					55.1	12.8	
11/03/14					59.3	15.2	
11/04/14					53.0	11.7	
11/05/14					56.6	13.7	
11/06/14					56.2	13.4	
11/07/14					49.6	9.8	
11/08/14					54.1	12.3	
11/09/14					49.3	9.6	
11/10/14					57.8	14.3	
11/11/14	165	193	3702	795	52.4	11.3	
11/12/14					48.0	8.9	
11/13/14					53.0	11.7	
11/14/14					54.5	12.5	
11/15/14					56.7	13.7	
11/16/14					55.1	12.8	
11/17/14					50.8	10.4	
11/18/14					52.7	11.5	
11/19/14					55.9	13.3	
11/20/14					57.7	14.3	
11/21/14					52.5	11.4	
11/22/14					52.1	11.2	
11/23/14					56.1	13.4	
11/24/14					55.8	13.2	
11/25/14					53.7	12.1	
11/26/14					53.6	12.0	
11/27/14					52.1	11.2	
11/28/14					53.8	12.1	
11/29/14					54.0	12.2	
11/30/14					56.2	13.4	
12/01/14					57.0	13.9	
12/02/14					56.1	13.4	
12/03/14					57.1	13.9	
12/04/14					54.9	12.7	
12/05/14					54.7	12.6	
12/06/14					56.3	13.5	
12/07/14					55.6	13.1	
12/08/14					56.0	13.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

68430 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14	159	168	3590	808	55.8	13.2	
12/10/14					57.2	14.0	
12/11/14					56.1	13.4	
12/12/14					56.0	13.3	
12/13/14					54.7	12.6	
12/14/14					55.7	13.2	
12/15/14							
12/16/14							
12/17/14					53.7	12.1	
12/18/14					55.1	12.8	
12/19/14					51.6	10.9	
12/20/14					49.8	9.9	
12/21/14					51.3	10.7	
12/22/14					57.8	14.3	
12/23/14					51.7	10.9	
12/24/14					48.2	9.0	
12/25/14					53.3	11.8	
12/26/14					52.9	11.6	
12/27/14					45.4	7.4	
12/28/14					43.6	6.4	
12/29/14					43.8	6.6	
12/30/14					48.6	9.2	
12/31/14					46.5	8.1	
01/01/15					46.0	7.8	
01/02/15					43.6	6.4	
01/03/15					44.7	7.1	
01/04/15					45.2	7.3	
01/05/15					52.7	11.5	
01/06/15					57.4	14.1	
01/07/15					57.0	13.9	
01/08/15					54.7	12.6	
01/09/15					55.2	12.9	
01/10/15					51.8	11.0	
01/11/15					51.8	11.0	
01/12/15					55.4	13.0	
01/13/15	178	254	3451	664	53.2	11.8	
01/14/15					54.0	12.2	
01/15/15					55.5	13.1	
01/16/15					49.2	9.6	
01/17/15					50.9	10.5	
01/18/15					48.3	9.1	
01/19/15					51.9	11.1	
01/20/15					55.4	13.0	
01/21/15					54.3	12.4	
01/22/15					53.8	12.1	
01/23/15					46.6	8.1	
01/24/15					48.5	9.2	
01/25/15					50.5	10.3	
01/26/15					58.8	14.9	
01/27/15					57.1	13.9	
01/28/15					60.0	15.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

68430 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.3	13.5	
01/30/15					55.2	12.9	
01/31/15					53.7	12.1	
02/01/15					50.4	10.2	
02/02/15					56.0	13.3	
02/03/15					56.3	13.5	c2

Maximum	178	254	3926	866	72.2	22.3	
Minimum	69	82	2014	416	35.6	2.0	

Average	115	143	2885	623	59.4	15.2	
Std Dev	39	48	666	147	6.9	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68507 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.3	1.3	
05/20/14					40.1	4.5	
05/21/14					40.4	4.7	
05/22/14					46.7	8.2	
05/23/14					43.7	6.5	
05/24/14					64.4	18.0	
05/25/14					66.1	18.9	
05/26/14					65.3	18.5	
05/27/14					67.5	19.7	
05/28/14					67.9	19.9	
05/29/14					66.5	19.2	
05/30/14					65.3	18.5	
05/31/14					67.5	19.7	
06/01/14					66.2	19.0	
06/02/14					70.8	21.6	
06/03/14					72.3	22.4	
06/04/14					65.4	18.6	
06/05/14					64.2	17.9	
06/06/14					64.2	17.9	
06/07/14					65.5	18.6	
06/08/14					63.2	17.3	
06/09/14					68.7	20.4	
06/10/14					63.1	17.3	
06/11/14					65.1	18.4	
06/12/14					54.1	12.3	
06/13/14					64.5	18.1	
06/14/14					65.5	18.6	
06/15/14					59.0	15.0	
06/16/14					63.7	17.6	
06/17/14					66.8	19.3	
06/18/14					69.4	20.8	
06/19/14					65.8	18.8	
06/20/14					68.1	20.1	
06/21/14					62.0	16.7	
06/22/14					61.8	16.6	
06/23/14					70.5	21.4	
06/24/14					68.3	20.2	
06/25/14					66.7	19.3	
06/26/14					70.2	21.2	
06/27/14					64.7	18.2	
06/28/14					63.2	17.3	
06/29/14					62.0	16.7	
06/30/14					65.2	18.4	
07/01/14					69.4	20.8	
07/02/14					63.4	17.4	
07/03/14					69.6	20.9	
07/04/14					62.6	17.0	
07/05/14					62.7	17.1	
07/06/14					62.3	16.8	
07/07/14					71.0	21.7	
07/08/14					65.8	18.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68507 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.0	17.8	
07/10/14					67.7	19.8	
07/11/14					67.6	19.8	
07/12/14					63.8	17.7	
07/13/14					62.6	17.0	
07/14/14					65.1	18.4	
07/15/14					64.2	17.9	
07/16/14					66.1	18.9	
07/17/14					64.0	17.8	
07/18/14					70.4	21.3	
07/19/14					63.9	17.7	
07/20/14					62.6	17.0	
07/21/14					67.6	19.8	
07/22/14					69.8	21.0	
07/23/14					66.9	19.4	
07/24/14					66.4	19.1	
07/25/14					63.7	17.6	
07/26/14					66.5	19.2	
07/27/14					64.3	17.9	
07/28/14					69.0	20.6	
07/29/14					66.4	19.1	
07/30/14					62.9	17.2	
07/31/14	50	0	794	39	63.7	17.6	
08/01/14	88	0	981	56	62.3	16.8	
08/02/14	28	0	480	29	62.3	16.8	
08/03/14	90	0	994	65	62.0	16.7	
08/04/14	60	0	925	36	68.6	20.3	
08/05/14	89	0	1013	36	66.8	19.3	
08/06/14	43	0	793	41	66.1	18.9	
08/07/14					67.6	19.8	
08/08/14					59.9	15.5	
08/09/14					62.7	17.1	
08/10/14					62.8	17.1	
08/11/14					65.9	18.8	
08/12/14					71.8	22.1	
08/13/14					69.1	20.6	
08/14/14					65.7	18.7	
08/15/14					62.3	16.8	
08/16/14					63.3	17.4	
08/17/14					62.4	16.9	
08/18/14					69.1	20.6	
08/19/14					70.9	21.6	
08/20/14					69.7	20.9	
08/21/14					71.1	21.7	
08/22/14					63.0	17.2	
08/23/14					59.3	15.2	
08/24/14					62.3	16.8	
08/25/14					68.7	20.4	
08/26/14					64.3	17.9	
08/27/14					63.2	17.3	
08/28/14					69.3	20.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

68507 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.3	16.3	
08/30/14					61.6	16.4	
08/31/14					62.5	16.9	
09/01/14					61.7	16.5	
09/02/14					69.3	20.7	
09/03/14					70.7	21.5	
09/04/14					66.1	18.9	
09/05/14					62.6	17.0	
09/06/14					66.9	19.4	
09/07/14					59.5	15.3	
09/08/14					62.5	16.9	
09/09/14					66.1	18.9	
09/10/14					66.6	19.2	
09/11/14					66.1	18.9	
09/12/14					61.8	16.6	
09/13/14					56.7	13.7	
09/14/14					59.1	15.1	
09/15/14					60.7	15.9	
09/16/14					66.5	19.2	
09/17/14					63.8	17.7	
09/18/14					69.4	20.8	
09/19/14					60.8	16.0	
09/20/14					61.9	16.6	
09/21/14					62.2	16.8	
09/22/14					62.2	16.8	
09/23/14					62.8	17.1	
09/24/14	96	0	1771	99	68.2	20.1	
09/25/14					67.2	19.6	
09/26/14					59.7	15.4	
09/27/14					61.4	16.3	
09/28/14					59.9	15.5	
09/29/14					63.0	17.2	
09/30/14					61.8	16.6	
10/01/14					63.5	17.5	
10/02/14					61.0	16.1	
10/03/14					52.5	11.4	
10/04/14					51.6	10.9	
10/05/14					50.8	10.4	
10/06/14					66.9	19.4	
10/07/14	79	0	1172	83	59.5	15.3	
10/08/14					61.8	16.6	
10/09/14					61.5	16.4	
10/10/14					59.8	15.4	
10/11/14					58.1	14.5	
10/12/14					57.4	14.1	
10/13/14					56.8	13.8	
10/14/14					57.3	14.1	
10/15/14					63.7	17.6	
10/16/14					61.3	16.3	
10/17/14					58.1	14.5	
10/18/14					58.9	14.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68507 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.4	14.1	
10/20/14					56.7	13.7	
10/21/14					60.0	15.6	
10/22/14					63.7	17.6	
10/23/14					59.2	15.1	
10/24/14					56.7	13.7	
10/25/14					56.3	13.5	
10/26/14					58.4	14.7	
10/27/14					61.7	16.5	
10/28/14					56.8	13.8	
10/29/14					56.5	13.6	
10/30/14					57.1	13.9	
10/31/14					56.2	13.4	
11/01/14					56.4	13.6	
11/02/14					56.1	13.4	
11/03/14					59.3	15.2	
11/04/14					52.3	11.3	
11/05/14					56.1	13.4	
11/06/14					55.6	13.1	
11/07/14					49.0	9.4	
11/08/14					52.4	11.3	
11/09/14					48.1	8.9	
11/10/14					56.6	13.7	
11/11/14	76	0	1163	63	50.3	10.2	
11/12/14					45.6	7.6	
11/13/14					52.6	11.4	
11/14/14					55.6	13.1	
11/15/14					58.5	14.7	
11/16/14					55.0	12.8	
11/17/14					48.6	9.2	
11/18/14					53.4	11.9	
11/19/14					56.2	13.4	
11/20/14					58.5	14.7	
11/21/14					52.9	11.6	
11/22/14					53.6	12.0	
11/23/14					56.5	13.6	
11/24/14					54.0	12.2	
11/25/14					53.3	11.8	
11/26/14					52.3	11.3	
11/27/14					53.6	12.0	
11/28/14					54.3	12.4	
11/29/14					55.1	12.8	
11/30/14					58.5	14.7	
12/01/14					57.8	14.3	
12/02/14					57.1	13.9	
12/03/14					57.6	14.2	
12/04/14					55.7	13.2	
12/05/14					55.9	13.3	
12/06/14					57.8	14.3	
12/07/14					57.2	14.0	
12/08/14					56.9	13.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68507 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14	73	0	1201	72	56.6	13.7	
12/10/14					57.0	13.9	
12/11/14					55.8	13.2	
12/12/14					56.5	13.6	
12/13/14					56.4	13.6	
12/14/14					56.6	13.7	
12/15/14							
12/16/14							
12/17/14					51.3	10.7	
12/18/14					55.1	12.8	
12/19/14					52.2	11.2	
12/20/14					51.7	10.9	
12/21/14					51.9	11.1	
12/22/14					57.3	14.1	
12/23/14					53.2	11.8	
12/24/14					49.7	9.8	
12/25/14					53.9	12.2	
12/26/14					53.6	12.0	
12/27/14					46.5	8.1	
12/28/14					44.8	7.1	
12/29/14					45.4	7.4	
12/30/14					49.8	9.9	
12/31/14					47.3	8.5	
01/01/15					47.3	8.5	
01/02/15					45.4	7.4	
01/03/15					45.8	7.7	
01/04/15					46.8	8.2	
01/05/15					52.5	11.4	
01/06/15					57.5	14.2	
01/07/15					55.9	13.3	
01/08/15					53.4	11.9	
01/09/15					54.5	12.5	
01/10/15					52.5	11.4	
01/11/15					51.8	11.0	
01/12/15					53.8	12.1	
01/13/15	98	0	1271	64	52.9	11.6	
01/14/15					53.5	11.9	
01/15/15					54.0	12.2	
01/16/15					49.8	9.9	
01/17/15					51.5	10.8	
01/18/15					48.9	9.4	
01/19/15					51.0	10.6	
01/20/15					55.1	12.8	
01/21/15					53.9	12.2	
01/22/15					52.6	11.4	
01/23/15					47.4	8.6	
01/24/15					49.8	9.9	
01/25/15					52.1	11.2	
01/26/15					58.7	14.8	
01/27/15					58.2	14.6	
01/28/15					58.7	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68507 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.7	13.7	
01/30/15					55.2	12.9	
01/31/15					55.4	13.0	
02/01/15					50.9	10.5	
02/02/15					55.3	12.9	
02/03/15					55.9	13.3	c2

Maximum	98	0	1771	99	72.3	22.4	
Minimum	28	0	480	29	34.3	1.3	

Average	73	0	1047	57	59.6	15.4	
Std Dev	22	0	303	21	6.9	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

70503 (68540/68553) (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					32.7	0.4	
05/20/14					39.4	4.1	
05/21/14					39.0	3.9	
05/22/14							
05/23/14					62.8	17.1	
05/24/14					57.0	13.9	
05/25/14					47.9	8.8	
05/26/14					47.0	8.3	
05/27/14					57.5	14.2	
05/28/14					59.7	15.4	
05/29/14					63.7	17.6	
05/30/14					60.6	15.9	
05/31/14					62.0	16.7	
06/01/14					48.9	9.4	
06/02/14					60.3	15.7	
06/03/14					62.0	16.7	
06/04/14					63.4	17.4	
06/05/14					58.8	14.9	
06/06/14					67.5	19.7	
06/07/14					49.4	9.7	
06/08/14					56.5	13.6	
06/09/14					54.5	12.5	
06/10/14					45.6	7.6	
06/11/14					57.3	14.1	
06/12/14					74.3	23.5	
06/13/14					58.1	14.5	
06/14/14					69.5	20.8	
06/15/14					60.6	15.9	
06/16/14					69.0	20.6	
06/17/14					53.5	11.9	
06/18/14	56	0	1662	0	57.8	14.3	
06/19/14	45	0	1880	0	51.7	10.9	
06/20/14	43	0	1660	0	53.3	11.8	
06/21/14	45	0	5182	90	61.1	16.2	
06/22/14	53	69	1811	68	62.0	16.7	
06/23/14	52	0	1820	67	65.6	18.7	
06/24/14					59.9	15.5	
06/25/14					59.1	15.1	
06/26/14	33	0	1298	73	70.4	21.3	a2, c2
06/27/14	48	0	1850	62	60.3	15.7	
06/28/14	37	0	1661	63	65.1	18.4	
06/29/14	35	0	1621	81	63.0	17.2	
06/30/14	44	0	1925	70	60.1	15.6	c4
07/01/14	35	0	1846	43	57.4	14.1	
07/02/14	38	0	1712	47	55.6	13.1	c1
07/03/14	36	0	1674	65	61.6	16.4	
07/04/14	40	0	1997	64	61.9	16.6	
07/05/14	37	0	1856	64	61.7	16.5	
07/06/14	37	0	1863	68	60.7	15.9	
07/07/14	37	0	1906	84	62.7	17.1	
07/08/14	35	0	1694	72	62.5	16.9	c4

Remediated Nitrate Salt Container Headspace Gas Analysis

70503 (68540/68553) (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14	37	0	1934	64	64.7	18.2	
07/10/14	37	0	1983	71	56.1	13.4	
07/11/14	37	0	1725	76	67.2	19.6	
07/12/14	28	0	1718	90	64.0	17.8	
07/13/14	22	0	1708	78	60.2	15.7	
07/14/14	33	0	1874	89	61.8	16.6	c4
07/15/14	29	0	1669	72	59.2	15.1	
07/16/14	31	0	1914	63	66.7	19.3	
07/17/14					58.5	14.7	
07/18/14					71.2	21.8	
07/19/14					56.6	13.7	
07/20/14					55.1	12.8	
07/21/14					66.2	19.0	
07/22/14					68.7	20.4	
07/23/14					65.7	18.7	
07/24/14					69.1	20.6	
07/25/14					65.9	18.8	
07/26/14					58.0	14.4	
07/27/14					63.2	17.3	
07/28/14					75.4	24.1	
07/29/14					71.4	21.9	
07/30/14					63.5	17.5	
07/31/14					63.7	17.6	
08/01/14					62.8	17.1	
08/02/14					62.4	16.9	
08/03/14					60.4	15.8	
08/04/14					70.8	21.6	
08/05/14					61.0	16.1	
08/06/14					68.1	20.1	
08/07/14					68.0	20.0	
08/08/14					63.1	17.3	
08/09/14					61.7	16.5	
08/10/14					64.7	18.2	
08/11/14					67.9	19.9	
08/12/14					73.5	23.1	
08/13/14					69.0	20.6	
08/14/14					65.5	18.6	
08/15/14					61.7	16.5	
08/16/14					61.7	16.5	
08/17/14					63.1	17.3	
08/18/14					72.2	22.3	
08/19/14					74.6	23.7	
08/20/14					68.8	20.4	
08/21/14					73.6	23.1	
08/22/14					62.7	17.1	
08/23/14					56.6	13.7	
08/24/14					61.9	16.6	
08/25/14					69.2	20.7	
08/26/14					66.8	19.3	
08/27/14					63.5	17.5	
08/28/14					69.9	21.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

70503 (68540/68553) (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.3	15.2	
08/30/14					59.4	15.2	
08/31/14					62.8	17.1	
09/01/14					69.2	20.7	
09/02/14					73.3	22.9	
09/03/14					74.4	23.6	
09/04/14					68.3	20.2	
09/05/14					61.8	16.6	
09/06/14					61.0	16.1	
09/07/14					57.9	14.4	
09/08/14					61.4	16.3	
09/09/14					68.2	20.1	
09/10/14					67.4	19.7	
09/11/14					67.9	19.9	
09/12/14					59.7	15.4	
09/13/14					54.7	12.6	
09/14/14					58.0	14.4	
09/15/14					59.2	15.1	
09/16/14					69.2	20.7	
09/17/14					64.0	17.8	
09/18/14					72.2	22.3	
09/19/14					59.5	15.3	
09/20/14					60.3	15.7	
09/21/14					61.5	16.4	
09/22/14					61.8	16.6	
09/23/14					62.4	16.9	
09/24/14					71.0	21.7	
09/25/14					69.0	20.6	
09/26/14					58.7	14.8	
09/27/14	27	45	1733	151	59.8	15.4	
09/28/14					58.2	14.6	
09/29/14					64.8	18.2	
09/30/14					63.8	17.7	
10/01/14					65.3	18.5	
10/02/14					61.8	16.6	
10/03/14					52.0	11.1	
10/04/14					51.5	10.8	
10/05/14					50.1	10.1	
10/06/14					69.7	20.9	
10/07/14					59.9	15.5	
10/08/14					61.9	16.6	
10/09/14					59.6	15.3	
10/10/14					56.5	13.6	
10/11/14					55.4	13.0	
10/12/14					55.1	12.8	
10/13/14					54.0	12.2	
10/14/14					56.1	13.4	
10/15/14	29	48	1672	146	65.8	18.8	
10/16/14					60.3	15.7	
10/17/14					56.1	13.4	
10/18/14					57.0	13.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

70503 (68540/68553) (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					54.7	12.6	
10/20/14					54.2	12.3	
10/21/14					58.7	14.8	
10/22/14					63.9	17.7	
10/23/14					58.4	14.7	
10/24/14					54.6	12.6	
10/25/14					53.3	11.8	
10/26/14					56.2	13.4	
10/27/14					62.6	17.0	
10/28/14					55.3	12.9	
10/29/14					53.4	11.9	
10/30/14					54.9	12.7	
10/31/14					53.3	11.8	
11/01/14					53.8	12.1	
11/02/14					53.5	11.9	
11/03/14					59.5	15.3	
11/04/14	27	0	1223	101	56.4	13.6	
11/05/14					58.2	14.6	
11/06/14					62.4	16.9	
11/07/14					55.1	12.8	
11/08/14					54.1	12.3	
11/09/14					52.9	11.6	
11/10/14					63.7	17.6	
11/11/14					54.1	12.3	
11/12/14					53.6	12.0	
11/13/14					53.1	11.7	
11/14/14					52.9	11.6	
11/15/14					51.8	11.0	
11/16/14					52.4	11.3	
11/17/14					53.3	11.8	
11/18/14					51.3	10.7	
11/19/14					52.7	11.5	
11/20/14					54.6	12.6	
11/21/14					51.4	10.8	
11/22/14					49.8	9.9	
11/23/14					52.8	11.6	
11/24/14					53.3	11.8	
11/25/14					50.8	10.4	
11/26/14					52.2	11.2	
11/27/14					51.3	10.7	
11/28/14					52.4	11.3	
11/29/14					53.1	11.7	
11/30/14					53.4	11.9	
12/01/14					55.7	13.2	
12/02/14	23	0	1266	93	54.0	12.2	
12/03/14					54.8	12.7	
12/04/14					53.8	12.1	
12/05/14					52.5	11.4	
12/06/14					52.9	11.6	
12/07/14					52.4	11.3	
12/08/14					54.1	12.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

70503 (68540/68553) (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					53.5	11.9	
12/10/14					56.3	13.5	
12/11/14					54.8	12.7	
12/12/14					52.8	11.6	
12/13/14					52.3	11.3	
12/14/14					52.5	11.4	
12/15/14							
12/16/14							
12/17/14					49.8	9.9	
12/18/14					53.2	11.8	
12/19/14					49.3	9.6	
12/20/14					46.7	8.2	
12/21/14					50.1	10.1	
12/22/14					55.0	12.8	
12/23/14					50.8	10.4	
12/24/14					46.5	8.1	
12/25/14					51.3	10.7	
12/26/14					50.9	10.5	
12/27/14					41.5	5.3	
12/28/14					40.7	4.8	
12/29/14					42.4	5.8	
12/30/14					46.0	7.8	
12/31/14					42.1	5.6	
01/01/15					44.8	7.1	
01/02/15					41.2	5.1	
01/03/15					43.2	6.2	
01/04/15					43.5	6.4	
01/05/15					52.3	11.3	
01/06/15	23	0	1127	63	55.2	12.9	
01/07/15					55.2	12.9	
01/08/15					51.1	10.6	
01/09/15					52.2	11.2	
01/10/15					49.8	9.9	
01/11/15					50.6	10.3	
01/12/15					53.1	11.7	
01/13/15					52.3	11.3	
01/14/15					52.7	11.5	
01/15/15					53.2	11.8	
01/16/15					46.3	7.9	
01/17/15					48.3	9.1	
01/18/15					46.4	8.0	
01/19/15					48.5	9.2	
01/20/15					53.1	11.7	
01/21/15					52.7	11.5	
01/22/15					52.4	11.3	
01/23/15					43.9	6.6	
01/24/15					46.0	7.8	
01/25/15					48.0	8.9	
01/26/15					57.0	13.9	
01/27/15					54.7	12.6	
01/28/15					58.0	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

70503 (68540/68553) (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					53.5	11.9	
01/30/15					52.7	11.5	
01/31/15					52.3	11.3	
02/01/15					49.0	9.4	
02/02/15					53.3	11.8	
02/03/15	30	0	1278	76	53.7	12.1	

Maximum	56	69	5182	151	75.4	24.1	
Minimum	22	0	1127	0	32.7	0.4	

Average	36	5	1810	70	57.8	14.3	
Std Dev	8	16	636	31	7.6	4.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

68567 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.1	2.3	
05/20/14					39.0	3.9	
05/21/14					39.4	4.1	
05/22/14					48.2	9.0	
05/23/14					45.4	7.4	
05/24/14					63.5	17.5	
05/25/14					64.6	18.1	
05/26/14					64.4	18.0	
05/27/14					66.1	18.9	
05/28/14					67.0	19.4	
05/29/14					65.7	18.7	
05/30/14					65.0	18.3	
05/31/14					67.2	19.6	
06/01/14					65.6	18.7	
06/02/14					69.1	20.6	
06/03/14					71.8	22.1	
06/04/14					65.0	18.3	
06/05/14					63.8	17.7	
06/06/14					63.7	17.6	
06/07/14					64.8	18.2	
06/08/14					62.9	17.2	
06/09/14					68.9	20.5	
06/10/14					63.4	17.4	
06/11/14					65.0	18.3	
06/12/14					58.4	14.7	
06/13/14					63.1	17.3	
06/14/14					64.1	17.8	
06/15/14					59.6	15.3	
06/16/14					63.2	17.3	
06/17/14					66.2	19.0	
06/18/14					68.6	20.3	
06/19/14					65.2	18.4	
06/20/14					67.4	19.7	
06/21/14					61.1	16.2	
06/22/14					61.8	16.6	
06/23/14					69.2	20.7	
06/24/14					67.0	19.4	
06/25/14					65.0	18.3	
06/26/14					69.9	21.1	
06/27/14					63.5	17.5	
06/28/14					61.0	16.1	
06/29/14					60.7	15.9	
06/30/14					64.6	18.1	
07/01/14					68.3	20.2	
07/02/14					62.9	17.2	
07/03/14					68.4	20.2	
07/04/14					61.6	16.4	
07/05/14					61.9	16.6	
07/06/14					61.1	16.2	
07/07/14					70.2	21.2	
07/08/14					65.3	18.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

68567 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					65.0	18.3	
07/10/14					66.4	19.1	
07/11/14					66.6	19.2	
07/12/14					63.1	17.3	
07/13/14					61.7	16.5	
07/14/14					64.5	18.1	
07/15/14					63.3	17.4	
07/16/14					66.6	19.2	
07/17/14					64.0	17.8	
07/18/14					69.4	20.8	
07/19/14					63.3	17.4	
07/20/14					61.9	16.6	
07/21/14					65.9	18.8	
07/22/14					68.5	20.3	
07/23/14					65.6	18.7	
07/24/14					67.5	19.7	
07/25/14					62.7	17.1	
07/26/14					65.6	18.7	
07/27/14					63.4	17.4	
07/28/14					67.3	19.6	
07/29/14					64.9	18.3	
07/30/14					61.5	16.4	
07/31/14	24	0	1046	78	62.3	16.8	
08/01/14	7	0	504	25	61.4	16.3	
08/02/14	21	0	949	71	60.9	16.1	
08/03/14	11	0	727	52	61.2	16.2	
08/04/14	23	0	953	64	66.9	19.4	
08/05/14	11	0	709	45	65.3	18.5	
08/06/14	19	0	963	67	65.9	18.8	
08/07/14					65.5	18.6	
08/08/14					59.4	15.2	
08/09/14					62.2	16.8	
08/10/14					62.2	16.8	
08/11/14					65.3	18.5	
08/12/14					70.3	21.3	
08/13/14					67.5	19.7	
08/14/14					64.4	18.0	
08/15/14					61.4	16.3	
08/16/14					62.1	16.7	
08/17/14					61.4	16.3	
08/18/14					67.6	19.8	
08/19/14					68.4	20.2	
08/20/14					66.5	19.2	
08/21/14					68.4	20.2	
08/22/14					60.6	15.9	
08/23/14					58.8	14.9	
08/24/14					62.1	16.7	
08/25/14					67.4	19.7	
08/26/14					64.2	17.9	
08/27/14					62.6	17.0	
08/28/14					67.9	19.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68567 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.9	16.1	
08/30/14					61.0	16.1	
08/31/14					61.8	16.6	
09/01/14					60.1	15.6	
09/02/14					68.7	20.4	
09/03/14					69.0	20.6	
09/04/14					65.2	18.4	
09/05/14					61.3	16.3	
09/06/14					64.7	18.2	
09/07/14					59.1	15.1	
09/08/14					61.7	16.5	
09/09/14					65.8	18.8	
09/10/14					65.4	18.6	
09/11/14					66.0	18.9	
09/12/14					61.4	16.3	
09/13/14					56.4	13.6	
09/14/14					58.5	14.7	
09/15/14					60.2	15.7	
09/16/14					65.3	18.5	
09/17/14					63.2	17.3	
09/18/14					68.6	20.3	
09/19/14					60.3	15.7	
09/20/14					61.3	16.3	
09/21/14					62.4	16.9	
09/22/14					61.1	16.2	
09/23/14					62.5	16.9	
09/24/14					66.8	19.3	
09/25/14					65.3	18.5	
09/26/14	22	0	929	51	60.0	15.6	
09/27/14					61.9	16.6	
09/28/14					59.7	15.4	
09/29/14					62.7	17.1	
09/30/14					61.7	16.5	
10/01/14					62.9	17.2	
10/02/14					60.4	15.8	
10/03/14					52.1	11.2	
10/04/14					51.5	10.8	
10/05/14					50.5	10.3	
10/06/14					65.9	18.8	
10/07/14					58.9	14.9	
10/08/14					61.0	16.1	
10/09/14					60.1	15.6	
10/10/14	25	0	1006	119	58.5	14.7	
10/11/14					57.2	14.0	
10/12/14					57.0	13.9	
10/13/14					56.2	13.4	
10/14/14					56.7	13.7	
10/15/14					62.9	17.2	
10/16/14					60.3	15.7	
10/17/14					57.0	13.9	
10/18/14					58.1	14.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

68567 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.7	13.7	
10/20/14					56.0	13.3	
10/21/14					59.5	15.3	
10/22/14					62.4	16.9	
10/23/14					58.3	14.6	
10/24/14					56.0	13.3	
10/25/14					56.0	13.3	
10/26/14					57.8	14.3	
10/27/14					61.4	16.3	
10/28/14					56.0	13.3	
10/29/14					56.4	13.6	
10/30/14					56.5	13.6	
10/31/14					56.1	13.4	
11/01/14					56.1	13.4	
11/02/14					55.4	13.0	
11/03/14					58.8	14.9	
11/04/14					53.3	11.8	
11/05/14					56.2	13.4	
11/06/14					55.5	13.1	
11/07/14					49.9	9.9	
11/08/14					53.6	12.0	
11/09/14					49.0	9.4	
11/10/14					56.4	13.6	
11/11/14					52.9	11.6	
11/12/14	23	0	865	90	47.5	8.6	
11/13/14					50.6	10.3	
11/14/14					54.0	12.2	
11/15/14					58.3	14.6	
11/16/14					54.1	12.3	
11/17/14					49.3	9.6	
11/18/14					51.0	10.6	
11/19/14					56.0	13.3	
11/20/14					57.0	13.9	
11/21/14					51.0	10.6	
11/22/14					51.4	10.8	
11/23/14					55.9	13.3	
11/24/14					52.4	11.3	
11/25/14					50.7	10.4	
11/26/14					51.6	10.9	
11/27/14					50.8	10.4	
11/28/14					52.8	11.6	
11/29/14					52.9	11.6	
11/30/14					56.7	13.7	
12/01/14					56.0	13.3	
12/02/14					55.4	13.0	
12/03/14					55.9	13.3	
12/04/14					54.3	12.4	
12/05/14					54.5	12.5	
12/06/14					57.5	14.2	
12/07/14					55.7	13.2	
12/08/14					55.5	13.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

68567 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.7	12.6	
12/10/14	27	0	920	96	57.3	14.1	
12/11/14					55.9	13.3	
12/12/14					54.8	12.7	
12/13/14					54.4	12.4	
12/14/14					54.9	12.7	
12/15/14							
12/16/14							
12/17/14					52.6	11.4	
12/18/14					53.6	12.0	
12/19/14					49.6	9.8	
12/20/14					48.5	9.2	
12/21/14					49.3	9.6	
12/22/14					57.9	14.4	
12/23/14					50.6	10.3	
12/24/14					48.0	8.9	
12/25/14					52.7	11.5	
12/26/14					51.1	10.6	
12/27/14					43.4	6.3	
12/28/14					41.4	5.2	
12/29/14					41.6	5.3	
12/30/14					47.4	8.6	
12/31/14					44.3	6.8	
01/01/15					44.3	6.8	
01/02/15					42.0	5.6	
01/03/15					43.1	6.2	
01/04/15					43.9	6.6	
01/05/15					48.6	9.2	
01/06/15					56.1	13.4	
01/07/15					53.5	11.9	
01/08/15					51.2	10.7	
01/09/15					52.7	11.5	
01/10/15					50.3	10.2	
01/11/15					50.4	10.2	
01/12/15					52.7	11.5	
01/13/15					50.8	10.4	
01/14/15	24	0	804	91	51.6	10.9	
01/15/15					51.8	11.0	
01/16/15					48.7	9.3	
01/17/15					48.9	9.4	
01/18/15					46.4	8.0	
01/19/15					49.4	9.7	
01/20/15					53.6	12.0	
01/21/15					52.1	11.2	
01/22/15					51.5	10.8	
01/23/15					45.7	7.6	
01/24/15					47.5	8.6	
01/25/15					49.8	9.9	
01/26/15					56.3	13.5	
01/27/15					55.1	12.8	
01/28/15					57.0	13.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68567 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.1	13.4	
01/30/15					53.6	12.0	
01/31/15					53.5	11.9	
02/01/15					50.0	10.0	
02/02/15					53.6	12.0	
02/03/15					54.7	12.6	

Maximum	27	0	1046	119	71.8	22.1	
Minimum	7	0	504	25	36.1	2.3	

Average	20	0	865	71	58.6	14.8	
Std Dev	6	0	148	25	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68624 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.3	0.7	
05/20/14					39.8	4.3	
05/21/14					39.7	4.3	
05/22/14					45.8	7.7	
05/23/14					44.1	6.7	
05/24/14					64.5	18.1	
05/25/14					65.8	18.8	
05/26/14					65.2	18.4	
05/27/14					67.4	19.7	
05/28/14					68.3	20.2	
05/29/14					66.7	19.3	
05/30/14					65.2	18.4	
05/31/14					67.8	19.9	
06/01/14					66.4	19.1	
06/02/14					71.6	22.0	
06/03/14					72.5	22.5	
06/04/14					65.2	18.4	
06/05/14					64.4	18.0	
06/06/14					63.8	17.7	
06/07/14					65.6	18.7	
06/08/14					63.4	17.4	
06/09/14					69.7	20.9	
06/10/14					63.3	17.4	
06/11/14					65.1	18.4	
06/12/14					55.3	12.9	
06/13/14					64.7	18.2	
06/14/14					65.8	18.8	
06/15/14					58.6	14.8	
06/16/14					63.6	17.6	
06/17/14					67.6	19.8	
06/18/14					69.5	20.8	
06/19/14					65.5	18.6	
06/20/14					68.2	20.1	
06/21/14					61.9	16.6	
06/22/14					61.9	16.6	
06/23/14					70.3	21.3	
06/24/14					68.6	20.3	
06/25/14					67.1	19.5	
06/26/14					69.7	20.9	
06/27/14					65.1	18.4	
06/28/14					61.9	16.6	
06/29/14					61.8	16.6	
06/30/14					65.3	18.5	
07/01/14					70.3	21.3	
07/02/14					63.6	17.6	
07/03/14					69.9	21.1	
07/04/14					62.4	16.9	
07/05/14					62.5	16.9	
07/06/14					62.6	17.0	
07/07/14					71.5	21.9	
07/08/14					66.0	18.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68624 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.1	17.8	
07/10/14					67.9	19.9	
07/11/14					67.8	19.9	
07/12/14					63.9	17.7	
07/13/14					63.1	17.3	
07/14/14					65.3	18.5	
07/15/14					64.8	18.2	
07/16/14					66.6	19.2	
07/17/14					64.1	17.8	
07/18/14					70.9	21.6	
07/19/14					63.9	17.7	
07/20/14					62.3	16.8	
07/21/14					67.9	19.9	
07/22/14					69.6	20.9	
07/23/14					67.1	19.5	
07/24/14					67.4	19.7	
07/25/14					64.1	17.8	
07/26/14					66.7	19.3	
07/27/14					64.4	18.0	
07/28/14					69.2	20.7	
07/29/14					66.5	19.2	
07/30/14					62.7	17.1	
07/31/14	38	64	1334	167	63.2	17.3	
08/01/14	33	67	1141	169	62.3	16.8	
08/02/14	48	66	1313	211	62.1	16.7	
08/03/14	37	58	1294	193	62.0	16.7	
08/04/14	42	77	1247	203	68.1	20.1	
08/05/14	38	69	1295	187	66.4	19.1	
08/06/14	36	51	1235	172	65.7	18.7	
08/07/14					67.2	19.6	
08/08/14					59.8	15.4	
08/09/14					62.8	17.1	
08/10/14					62.5	16.9	
08/11/14					65.7	18.7	
08/12/14					72.0	22.2	
08/13/14					68.2	20.1	
08/14/14					65.3	18.5	
08/15/14					62.1	16.7	
08/16/14					63.1	17.3	
08/17/14					62.3	16.8	
08/18/14					69.8	21.0	
08/19/14					70.4	21.3	
08/20/14					67.7	19.8	
08/21/14					70.6	21.4	
08/22/14					61.5	16.4	
08/23/14					59.0	15.0	
08/24/14					61.9	16.6	
08/25/14					68.5	20.3	
08/26/14					64.4	18.0	
08/27/14					63.1	17.3	
08/28/14					69.0	20.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

68624 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.4	16.3	
08/30/14					61.4	16.3	
08/31/14					62.1	16.7	
09/01/14					61.6	16.4	
09/02/14					70.5	21.4	
09/03/14					69.8	21.0	
09/04/14					65.7	18.7	
09/05/14					62.2	16.8	
09/06/14					66.8	19.3	
09/07/14					59.3	15.2	
09/08/14					62.1	16.7	
09/09/14					66.2	19.0	
09/10/14					65.9	18.8	
09/11/14					65.8	18.8	
09/12/14					61.7	16.5	
09/13/14					56.7	13.7	
09/14/14					59.0	15.0	
09/15/14					60.6	15.9	
09/16/14					66.3	19.1	
09/17/14					64.2	17.9	
09/18/14					69.1	20.6	
09/19/14					60.9	16.1	
09/20/14					61.8	16.6	
09/21/14					62.1	16.7	
09/22/14					61.9	16.6	
09/23/14					62.6	17.0	
09/24/14	48	178	1756	271	67.8	19.9	
09/25/14					67.1	19.5	
09/26/14					59.5	15.3	
09/27/14					61.2	16.2	
09/28/14					59.8	15.4	
09/29/14					63.5	17.5	
09/30/14					62.5	16.9	
10/01/14					63.6	17.6	
10/02/14					61.3	16.3	
10/03/14	40	116	1598	239	53.1	11.7	
10/04/14					52.2	11.2	
10/05/14					52.1	11.2	
10/06/14					67.2	19.6	
10/07/14					59.5	15.3	
10/08/14					61.6	16.4	
10/09/14					60.1	15.6	
10/10/14					59.2	15.1	
10/11/14					57.4	14.1	
10/12/14					57.1	13.9	
10/13/14					56.9	13.8	
10/14/14					57.4	14.1	
10/15/14					63.9	17.7	
10/16/14					61.0	16.1	
10/17/14					57.1	13.9	
10/18/14					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68624 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.0	13.9	
10/20/14					56.2	13.4	
10/21/14					60.0	15.6	
10/22/14					63.4	17.4	
10/23/14					59.2	15.1	
10/24/14					56.5	13.6	
10/25/14					56.0	13.3	
10/26/14					59.0	15.0	
10/27/14					61.9	16.6	
10/28/14					56.8	13.8	
10/29/14					57.0	13.9	
10/30/14					58.5	14.7	
10/31/14					56.5	13.6	
11/01/14					55.9	13.3	
11/02/14					55.7	13.2	
11/03/14					59.8	15.4	
11/04/14					53.8	12.1	
11/05/14					57.7	14.3	
11/06/14					57.0	13.9	
11/07/14	45	108	1628	238	50.4	10.2	
11/08/14					53.0	11.7	
11/09/14					48.8	9.3	
11/10/14					57.4	14.1	
11/11/14					51.8	11.0	
11/12/14					47.8	8.8	
11/13/14					53.4	11.9	
11/14/14					55.8	13.2	
11/15/14					58.2	14.6	
11/16/14					55.3	12.9	
11/17/14					50.5	10.3	
11/18/14					54.0	12.2	
11/19/14					57.3	14.1	
11/20/14					58.2	14.6	
11/21/14					52.7	11.5	
11/22/14					52.2	11.2	
11/23/14					56.0	13.3	
11/24/14					54.3	12.4	
11/25/14					53.2	11.8	
11/26/14					54.1	12.3	
11/27/14					53.0	11.7	
11/28/14					53.8	12.1	
11/29/14					54.1	12.3	
11/30/14					57.6	14.2	
12/01/14					57.3	14.1	
12/02/14					57.5	14.2	
12/03/14					59.1	15.1	
12/04/14					55.6	13.1	
12/05/14	39	109	1380	183	55.2	12.9	
12/06/14					57.6	14.2	
12/07/14					56.6	13.7	
12/08/14					56.5	13.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

68624 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					56.9	13.8	
12/10/14					57.7	14.3	
12/11/14					55.7	13.2	
12/12/14					56.6	13.7	
12/13/14					56.6	13.7	
12/14/14					56.2	13.4	
12/15/14							
12/16/14							
12/17/14					52.2	11.2	
12/18/14					55.5	13.1	
12/19/14					52.0	11.1	
12/20/14					50.7	10.4	
12/21/14					51.4	10.8	
12/22/14					57.1	13.9	
12/23/14					53.3	11.8	
12/24/14					50.7	10.4	
12/25/14					53.5	11.9	
12/26/14					53.1	11.7	
12/27/14					45.7	7.6	
12/28/14					45.4	7.4	
12/29/14					45.4	7.4	
12/30/14					49.6	9.8	
12/31/14					46.7	8.2	
01/01/15					47.6	8.7	
01/02/15					45.8	7.7	
01/03/15					46.1	7.8	
01/04/15					46.5	8.1	
01/05/15					51.7	10.9	
01/06/15					55.6	13.1	
01/07/15					57.9	14.4	
01/08/15					53.8	12.1	
01/09/15	45	78	1477	161	54.5	12.5	
01/10/15					52.2	11.2	
01/11/15					52.8	11.6	
01/12/15					54.6	12.6	
01/13/15					53.5	11.9	
01/14/15					53.3	11.8	
01/15/15					54.6	12.6	
01/16/15					49.9	9.9	
01/17/15					51.7	10.9	
01/18/15					49.9	9.9	
01/19/15					53.7	12.1	
01/20/15					57.3	14.1	
01/21/15					53.8	12.1	
01/22/15					54.7	12.6	
01/23/15					48.4	9.1	
01/24/15					50.4	10.2	
01/25/15					51.6	10.9	
01/26/15					59.0	15.0	
01/27/15					58.9	14.9	
01/28/15					59.4	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

68624 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					57.1	13.9	
01/30/15					55.1	12.8	
01/31/15					54.9	12.7	
02/01/15					51.4	10.8	
02/02/15					55.3	12.9	
02/03/15					56.2	13.4	

Maximum	48	178	1756	271	72.5	22.5	
Minimum	33	51	1141	161	33.3	0.7	

Average	41	87	1392	200	59.7	15.4	
Std Dev	5	34	177	33	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68631 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.9	1.1	
05/20/14					40.9	4.9	
05/21/14					39.6	4.2	
05/22/14					46.8	8.2	
05/23/14					45.6	7.6	
05/24/14					63.5	17.5	
05/25/14					65.3	18.5	
05/26/14					63.6	17.6	
05/27/14					66.7	19.3	
05/28/14					67.5	19.7	
05/29/14					64.9	18.3	
05/30/14					65.4	18.6	
05/31/14					67.1	19.5	
06/01/14					65.8	18.8	
06/02/14					70.2	21.2	
06/03/14					72.2	22.3	
06/04/14					65.3	18.5	
06/05/14					63.9	17.7	
06/06/14					63.4	17.4	
06/07/14					64.9	18.3	
06/08/14					62.9	17.2	
06/09/14					69.1	20.6	
06/10/14					63.6	17.6	
06/11/14					65.2	18.4	
06/12/14					53.5	11.9	
06/13/14					65.5	18.6	
06/14/14					64.1	17.8	
06/15/14					61.5	16.4	
06/16/14					63.5	17.5	
06/17/14					66.5	19.2	
06/18/14					69.2	20.7	
06/19/14					65.4	18.6	
06/20/14					67.6	19.8	
06/21/14					61.6	16.4	
06/22/14					61.9	16.6	
06/23/14					69.3	20.7	
06/24/14					67.7	19.8	
06/25/14					66.0	18.9	
06/26/14					68.1	20.1	
06/27/14					64.1	17.8	
06/28/14					61.4	16.3	
06/29/14					61.0	16.1	
06/30/14					64.8	18.2	
07/01/14					69.7	20.9	
07/02/14					62.2	16.8	
07/03/14					67.9	19.9	
07/04/14					62.2	16.8	
07/05/14					62.0	16.7	
07/06/14					61.3	16.3	
07/07/14					71.0	21.7	
07/08/14					65.5	18.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

68631 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.1	17.3	
07/10/14					67.4	19.7	
07/11/14					67.6	19.8	
07/12/14					62.8	17.1	
07/13/14					62.6	17.0	
07/14/14					65.0	18.3	
07/15/14					63.4	17.4	
07/16/14					66.8	19.3	
07/17/14					63.8	17.7	
07/18/14					69.8	21.0	
07/19/14					63.4	17.4	
07/20/14					61.8	16.6	
07/21/14					66.0	18.9	
07/22/14					68.6	20.3	
07/23/14					66.5	19.2	
07/24/14					67.9	19.9	
07/25/14					63.1	17.3	
07/26/14					66.4	19.1	
07/27/14					64.4	18.0	
07/28/14					68.5	20.3	
07/29/14					66.1	18.9	
07/30/14					61.9	16.6	
07/31/14					62.5	16.9	
08/01/14					61.6	16.4	
08/02/14					61.4	16.3	
08/03/14					62.1	16.7	
08/04/14					67.7	19.8	
08/05/14					66.4	19.1	
08/06/14					65.7	18.7	
08/07/14	12	0	758	75	67.0	19.4	
08/08/14	14	0	804	86	59.3	15.2	
08/09/14	11	0	908	131	62.3	16.8	
08/10/14	12	0	817	103	63.2	17.3	
08/11/14	12	0	820	108	65.6	18.7	
08/12/14	15	0	869	95	71.7	22.1	
08/13/14	12	0	796	100	66.0	18.9	
08/14/14					64.9	18.3	
08/15/14					61.6	16.4	
08/16/14					62.4	16.9	
08/17/14					61.2	16.2	
08/18/14					68.7	20.4	
08/19/14					70.2	21.2	
08/20/14					67.5	19.7	
08/21/14					70.5	21.4	
08/22/14					61.7	16.5	
08/23/14					58.7	14.8	
08/24/14					62.9	17.2	
08/25/14					69.1	20.6	
08/26/14					64.3	17.9	
08/27/14					62.1	16.7	
08/28/14					68.6	20.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

68631 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.1	16.2	
08/30/14					61.2	16.2	
08/31/14					61.9	16.6	
09/01/14					60.9	16.1	
09/02/14					70.9	21.6	
09/03/14					70.0	21.1	
09/04/14					66.0	18.9	
09/05/14					61.6	16.4	
09/06/14					66.2	19.0	
09/07/14					58.8	14.9	
09/08/14					61.7	16.5	
09/09/14					65.7	18.7	
09/10/14					65.8	18.8	
09/11/14					66.1	18.9	
09/12/14					62.1	16.7	
09/13/14					56.0	13.3	
09/14/14					59.6	15.3	
09/15/14					60.2	15.7	
09/16/14					65.9	18.8	
09/17/14					63.2	17.3	
09/18/14					68.8	20.4	
09/19/14					60.2	15.7	
09/20/14					61.1	16.2	
09/21/14					61.3	16.3	
09/22/14					61.3	16.3	
09/23/14					62.2	16.8	
09/24/14	15	0	781	98	68.0	20.0	
09/25/14					66.2	19.0	
09/26/14					59.4	15.2	
09/27/14					61.1	16.2	
09/28/14					59.4	15.2	
09/29/14					62.8	17.1	
09/30/14					62.2	16.8	
10/01/14					63.2	17.3	
10/02/14					61.0	16.1	
10/03/14					52.5	11.4	
10/04/14					51.9	11.1	
10/05/14					51.0	10.6	
10/06/14					67.4	19.7	
10/07/14					59.0	15.0	
10/08/14	12	0	752	91	61.5	16.4	
10/09/14					60.2	15.7	
10/10/14					58.3	14.6	
10/11/14					57.1	13.9	
10/12/14					56.8	13.8	
10/13/14					55.7	13.2	
10/14/14					56.7	13.7	
10/15/14					63.0	17.2	
10/16/14					61.0	16.1	
10/17/14					56.8	13.8	
10/18/14					58.3	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

68631 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.4	13.6	
10/20/14					55.3	12.9	
10/21/14					59.5	15.3	
10/22/14					62.8	17.1	
10/23/14					59.5	15.3	
10/24/14					56.2	13.4	
10/25/14					55.2	12.9	
10/26/14					57.6	14.2	
10/27/14					62.0	16.7	
10/28/14					56.9	13.8	
10/29/14					55.9	13.3	
10/30/14					56.3	13.5	
10/31/14					55.6	13.1	
11/01/14					55.4	13.0	
11/02/14					55.1	12.8	
11/03/14					59.1	15.1	
11/04/14					53.1	11.7	
11/05/14					56.4	13.6	
11/06/14					56.3	13.5	
11/07/14					49.4	9.7	
11/08/14					53.5	11.9	
11/09/14					50.0	10.0	
11/10/14					56.8	13.8	
11/11/14	5	0	509	50	53.4	11.9	
11/12/14					48.6	9.2	
11/13/14					51.9	11.1	
11/14/14					53.9	12.2	
11/15/14					56.9	13.8	
11/16/14					55.0	12.8	
11/17/14					50.3	10.2	
11/18/14					51.6	10.9	
11/19/14					53.7	12.1	
11/20/14					57.5	14.2	
11/21/14					51.4	10.8	
11/22/14					51.2	10.7	
11/23/14					55.9	13.3	
11/24/14					53.2	11.8	
11/25/14					53.2	11.8	
11/26/14					51.7	10.9	
11/27/14					51.7	10.9	
11/28/14					53.0	11.7	
11/29/14					53.5	11.9	
11/30/14					56.9	13.8	
12/01/14					56.6	13.7	
12/02/14					55.8	13.2	
12/03/14					56.9	13.8	
12/04/14					55.0	12.8	
12/05/14					53.9	12.2	
12/06/14					55.8	13.2	
12/07/14					55.7	13.2	
12/08/14					56.2	13.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

68631 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14	11	0	543	43	56.5	13.6	
12/10/14					56.8	13.8	
12/11/14					56.7	13.7	
12/12/14					55.3	12.9	
12/13/14					54.9	12.7	
12/14/14					55.4	13.0	
12/15/14							
12/16/14							
12/17/14					53.5	11.9	
12/18/14					54.8	12.7	
12/19/14					50.3	10.2	
12/20/14					48.9	9.4	
12/21/14					50.5	10.3	
12/22/14					58.1	14.5	
12/23/14					52.6	11.4	
12/24/14					49.3	9.6	
12/25/14					52.9	11.6	
12/26/14					52.7	11.5	
12/27/14					44.7	7.1	
12/28/14					42.0	5.6	
12/29/14					43.3	6.3	
12/30/14					48.2	9.0	
12/31/14					45.2	7.3	
01/01/15					46.1	7.8	
01/02/15					43.3	6.3	
01/03/15					44.3	6.8	
01/04/15					45.2	7.3	
01/05/15					51.0	10.6	
01/06/15					56.5	13.6	
01/07/15					56.1	13.4	
01/08/15					53.2	11.8	
01/09/15					53.8	12.1	
01/10/15					51.2	10.7	
01/11/15					51.7	10.9	
01/12/15					55.1	12.8	
01/13/15	12	0	588	37	52.5	11.4	
01/14/15					53.4	11.9	
01/15/15					53.1	11.7	
01/16/15					48.7	9.3	
01/17/15					50.1	10.1	
01/18/15					47.5	8.6	
01/19/15					51.0	10.6	
01/20/15					55.5	13.1	
01/21/15					53.4	11.9	
01/22/15					53.0	11.7	
01/23/15					46.4	8.0	
01/24/15					48.6	9.2	
01/25/15					50.6	10.3	
01/26/15					58.3	14.6	
01/27/15					56.6	13.7	
01/28/15					58.9	14.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68631 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.2	13.4	
01/30/15					54.8	12.7	
01/31/15					54.3	12.4	
02/01/15					49.7	9.8	
02/02/15					55.4	13.0	
02/03/15					55.0	12.8	c2

Maximum	15	0	908	131	72.2	22.3	
Minimum	5	0	509	37	33.9	1.1	

Average	12	0	745	85	59.1	15.0	
Std Dev	2	0	123	27	6.9	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68638 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					35.5	1.9	
05/20/14					38.6	3.7	
05/21/14					38.9	3.8	
05/22/14					47.6	8.7	
05/23/14					43.6	6.4	
05/24/14					63.3	17.4	
05/25/14					64.1	17.8	
05/26/14					63.4	17.4	
05/27/14					66.0	18.9	
05/28/14					67.6	19.8	
05/29/14					66.1	18.9	
05/30/14					66.4	19.1	
05/31/14					67.3	19.6	
06/01/14					65.5	18.6	
06/02/14					70.4	21.3	
06/03/14					72.7	22.6	
06/04/14					65.4	18.6	
06/05/14					64.1	17.8	
06/06/14					63.2	17.3	
06/07/14					65.3	18.5	
06/08/14					63.7	17.6	
06/09/14					69.6	20.9	
06/10/14					63.3	17.4	
06/11/14					65.7	18.7	
06/12/14					55.1	12.8	
06/13/14					64.1	17.8	
06/14/14					64.0	17.8	
06/15/14					59.1	15.1	
06/16/14					63.6	17.6	
06/17/14					66.7	19.3	
06/18/14					69.1	20.6	
06/19/14					65.8	18.8	
06/20/14					68.4	20.2	
06/21/14					61.8	16.6	
06/22/14					62.0	16.7	
06/23/14					69.8	21.0	
06/24/14					67.9	19.9	
06/25/14					66.4	19.1	
06/26/14					70.7	21.5	
06/27/14					63.8	17.7	
06/28/14					61.2	16.2	
06/29/14					61.1	16.2	
06/30/14					65.2	18.4	
07/01/14					70.8	21.6	
07/02/14					63.3	17.4	
07/03/14					70.6	21.4	
07/04/14					62.0	16.7	
07/05/14					62.2	16.8	
07/06/14					61.3	16.3	
07/07/14					71.8	22.1	
07/08/14					66.1	18.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

	68638 (Cell 2)						
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					66.7	19.3	
07/10/14					67.2	19.6	
07/11/14					68.2	20.1	
07/12/14					63.2	17.3	
07/13/14					62.7	17.1	
07/14/14					65.9	18.8	
07/15/14					63.5	17.5	
07/16/14					66.7	19.3	
07/17/14					64.0	17.8	
07/18/14					70.1	21.2	
07/19/14					63.8	17.7	
07/20/14					62.0	16.7	
07/21/14					66.9	19.4	
07/22/14					69.0	20.6	
07/23/14					66.4	19.1	
07/24/14					67.2	19.6	
07/25/14					63.3	17.4	
07/26/14					66.4	19.1	
07/27/14					64.1	17.8	
07/28/14					68.6	20.3	
07/29/14					66.1	18.9	
07/30/14					62.1	16.7	
07/31/14					63.0	17.2	
08/01/14					61.6	16.4	
08/02/14					61.0	16.1	
08/03/14					61.4	16.3	
08/04/14					67.9	19.9	
08/05/14					66.2	19.0	
08/06/14					65.8	18.8	
08/07/14	8	0	279	0	66.8	19.3	
08/08/14	12	0	366	0	60.0	15.6	
08/09/14	8	0	195	0	62.2	16.8	
08/10/14	9	0	330	0	62.2	16.8	
08/11/14	11	0	405	0	66.4	19.1	
08/12/14	13	0	350	0	71.7	22.1	
08/13/14	10	0	205	0	67.3	19.6	
08/14/14					65.2	18.4	
08/15/14					61.6	16.4	
08/16/14					62.3	16.8	
08/17/14					61.4	16.3	
08/18/14					69.2	20.7	
08/19/14					69.6	20.9	
08/20/14					67.3	19.6	
08/21/14					70.4	21.3	
08/22/14					61.7	16.5	
08/23/14					58.6	14.8	
08/24/14					63.1	17.3	
08/25/14					69.1	20.6	
08/26/14					64.0	17.8	
08/27/14					62.5	16.9	
08/28/14					69.4	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

68638 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.9	16.1	
08/30/14					61.0	16.1	
08/31/14					61.6	16.4	
09/01/14					60.8	16.0	
09/02/14					70.9	21.6	
09/03/14					70.2	21.2	
09/04/14					66.4	19.1	
09/05/14					61.6	16.4	
09/06/14					65.8	18.8	
09/07/14					59.0	15.0	
09/08/14					61.6	16.4	
09/09/14					65.5	18.6	
09/10/14					66.3	19.1	
09/11/14					65.9	18.8	
09/12/14					61.4	16.3	
09/13/14					56.0	13.3	
09/14/14					58.9	14.9	
09/15/14					60.2	15.7	
09/16/14					65.9	18.8	
09/17/14					63.2	17.3	
09/18/14					69.3	20.7	
09/19/14					60.3	15.7	
09/20/14					61.2	16.2	
09/21/14					61.2	16.2	
09/22/14					61.1	16.2	
09/23/14					63.0	17.2	
09/24/14	16	0	397	0	67.3	19.6	
09/25/14					67.0	19.4	
09/26/14					59.7	15.4	
09/27/14					61.1	16.2	
09/28/14					59.7	15.4	
09/29/14					63.2	17.3	
09/30/14					62.9	17.2	
10/01/14					63.4	17.4	
10/02/14					60.8	16.0	
10/03/14					52.0	11.1	
10/04/14					51.6	10.9	
10/05/14					51.1	10.6	
10/06/14					66.9	19.4	
10/07/14					59.0	15.0	
10/08/14	14	0	405	0	61.0	16.1	
10/09/14					60.5	15.8	
10/10/14					58.9	14.9	
10/11/14					57.2	14.0	
10/12/14					56.0	13.3	
10/13/14					56.0	13.3	
10/14/14					56.9	13.8	
10/15/14					63.2	17.3	
10/16/14					61.6	16.4	
10/17/14					57.2	14.0	
10/18/14					58.0	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

68638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.6	13.7	
10/20/14					55.6	13.1	
10/21/14					59.6	15.3	
10/22/14					62.8	17.1	
10/23/14					58.5	14.7	
10/24/14					56.2	13.4	
10/25/14					55.5	13.1	
10/26/14					57.8	14.3	
10/27/14					62.1	16.7	
10/28/14					56.7	13.7	
10/29/14					56.1	13.4	
10/30/14					56.7	13.7	
10/31/14					55.7	13.2	
11/01/14					55.4	13.0	
11/02/14					55.2	12.9	
11/03/14					60.1	15.6	
11/04/14					54.1	12.3	
11/05/14					57.1	13.9	
11/06/14					57.2	14.0	
11/07/14					51.5	10.8	
11/08/14					54.3	12.4	
11/09/14					50.1	10.1	
11/10/14					57.1	13.9	
11/11/14	13	0	349	0	53.9	12.2	
11/12/14					50.0	10.0	
11/13/14					52.5	11.4	
11/14/14					54.9	12.7	
11/15/14					57.8	14.3	
11/16/14					54.8	12.7	
11/17/14					51.0	10.6	
11/18/14					53.0	11.7	
11/19/14					56.8	13.8	
11/20/14					58.3	14.6	
11/21/14					51.8	11.0	
11/22/14					52.4	11.3	
11/23/14					55.4	13.0	
11/24/14					55.0	12.8	
11/25/14					52.6	11.4	
11/26/14					51.6	10.9	
11/27/14					52.0	11.1	
11/28/14					54.3	12.4	
11/29/14					53.1	11.7	
11/30/14					57.1	13.9	
12/01/14					56.7	13.7	
12/02/14					56.0	13.3	
12/03/14					56.7	13.7	
12/04/14					55.0	12.8	
12/05/14					54.4	12.4	
12/06/14					56.5	13.6	
12/07/14					56.0	13.3	
12/08/14					56.0	13.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

68638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14	3	0	118	0	55.4	13.0	
12/10/14					56.7	13.7	
12/11/14					55.9	13.3	
12/12/14					55.8	13.2	
12/13/14					54.2	12.3	
12/14/14					55.4	13.0	
12/15/14							
12/16/14							
12/17/14					53.6	12.0	
12/18/14					55.0	12.8	
12/19/14					48.9	9.4	
12/20/14					48.5	9.2	
12/21/14					50.3	10.2	
12/22/14					57.8	14.3	
12/23/14					51.6	10.9	
12/24/14					49.3	9.6	
12/25/14					53.1	11.7	
12/26/14					51.8	11.0	
12/27/14					44.2	6.8	
12/28/14					43.2	6.2	
12/29/14					42.1	5.6	
12/30/14					48.3	9.1	
12/31/14					44.5	6.9	
01/01/15					45.3	7.4	
01/02/15					42.1	5.6	
01/03/15					43.2	6.2	
01/04/15					45.7	7.6	
01/05/15					51.9	11.1	
01/06/15					56.1	13.4	
01/07/15					56.0	13.3	
01/08/15					53.2	11.8	
01/09/15					54.4	12.4	
01/10/15					51.6	10.9	
01/11/15					51.1	10.6	
01/12/15					54.9	12.7	
01/13/15	4	0	298	0	52.7	11.5	
01/14/15					53.9	12.2	
01/15/15					53.8	12.1	
01/16/15					47.7	8.7	
01/17/15					51.8	11.0	
01/18/15					47.0	8.3	
01/19/15					51.0	10.6	
01/20/15					55.5	13.1	
01/21/15					53.9	12.2	
01/22/15					53.6	12.0	
01/23/15					45.6	7.6	
01/24/15					47.7	8.7	
01/25/15					49.5	9.7	
01/26/15					58.2	14.6	
01/27/15					56.7	13.7	
01/28/15					58.9	14.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

68638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.5	13.6	
01/30/15					54.7	12.6	
01/31/15					54.4	12.4	
02/01/15					48.7	9.3	
02/02/15					55.6	13.1	
02/03/15					54.5	12.5	c2

Maximum	16	0	405	0	72.7	22.6	
Minimum	3	0	118	0	35.5	1.9	

Average	10	0	308	0	59.2	15.1	
Std Dev	4	0	89	0	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69013 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.3	2.4	
05/20/14					39.2	4.0	
05/21/14					39.4	4.1	
05/22/14					48.1	8.9	
05/23/14					48.5	9.2	
05/24/14					61.3	16.3	
05/25/14					49.7	9.8	
05/26/14					46.0	7.8	
05/27/14					57.1	13.9	
05/28/14					61.1	16.2	
05/29/14					63.1	17.3	
05/30/14					59.7	15.4	
05/31/14					57.5	14.2	
06/01/14					46.7	8.2	
06/02/14					58.3	14.6	
06/03/14					60.5	15.8	
06/04/14					61.9	16.6	
06/05/14					56.1	13.4	
06/06/14					64.9	18.3	
06/07/14					48.3	9.1	
06/08/14					55.5	13.1	
06/09/14					52.6	11.4	
06/10/14					45.1	7.3	
06/11/14					54.7	12.6	
06/12/14					73.8	23.2	
06/13/14					57.9	14.4	
06/14/14					68.1	20.1	
06/15/14					59.6	15.3	
06/16/14					68.1	20.1	
06/17/14					53.9	12.2	
06/18/14	22	0	702	0	56.7	13.7	
06/19/14	35	0	825	127	51.7	10.9	
06/20/14	25	0	513	40	53.5	11.9	
06/21/14	32	0	671	78	59.3	15.2	
06/22/14	32	0	706	115	61.1	16.2	
06/23/14	26	0	711	83	66.3	19.1	
06/24/14					59.0	15.0	
06/25/14					58.7	14.8	
06/26/14	19	0	652	85	68.9	20.5	a1, c2
06/27/14	28	0	742	86	59.6	15.3	
06/28/14	21	0	641	82	64.1	17.8	
06/29/14	26	0	799	103	61.9	16.6	
06/30/14	21	0	631	77	59.0	15.0	c3
07/01/14	28	0	893	111	57.1	13.9	
07/02/14	16	0	603	64	54.7	12.6	c1
07/03/14	31	0	785	69	60.5	15.8	
07/04/14	25	0	786	94	60.0	15.6	
07/05/14	31	0	1053	115	60.5	15.8	
07/06/14	23	0	952	73	59.6	15.3	
07/07/14	24	0	1156	118	61.6	16.4	
07/08/14	26	0	991	118	61.2	16.2	c3

Remediated Nitrate Salt Container Headspace Gas Analysis

69013 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14	28	0	1008	107	64.4	18.0	
07/10/14	22	0	982	88	55.8	13.2	
07/11/14	27	0	1046	126	66.1	18.9	
07/12/14	22	0	980	118	63.8	17.7	
07/13/14	27	0	978	142	59.8	15.4	
07/14/14	24	0	1016	102	61.0	16.1	c3
07/15/14	27	0	1063	101	59.8	15.4	
07/16/14	21	0	1027	99	67.3	19.6	
07/17/14					57.5	14.2	
07/18/14					69.1	20.6	
07/19/14					55.8	13.2	
07/20/14					54.9	12.7	
07/21/14					65.3	18.5	
07/22/14					66.3	19.1	
07/23/14					64.4	18.0	
07/24/14					66.9	19.4	
07/25/14					63.9	17.7	
07/26/14					57.0	13.9	
07/27/14					62.2	16.8	
07/28/14					74.3	23.5	
07/29/14					70.3	21.3	
07/30/14					63.6	17.6	
07/31/14					63.8	17.7	
08/01/14					63.6	17.6	
08/02/14					62.2	16.8	
08/03/14					60.4	15.8	
08/04/14					70.6	21.4	
08/05/14					61.9	16.6	
08/06/14					67.5	19.7	
08/07/14					66.8	19.3	
08/08/14					63.2	17.3	
08/09/14					61.6	16.4	
08/10/14					64.2	17.9	
08/11/14					67.8	19.9	
08/12/14					72.4	22.4	
08/13/14					67.9	19.9	
08/14/14					65.2	18.4	
08/15/14					61.6	16.4	
08/16/14					61.8	16.6	
08/17/14					63.0	17.2	
08/18/14					71.0	21.7	
08/19/14					72.8	22.7	
08/20/14					68.4	20.2	
08/21/14					72.2	22.3	
08/22/14					62.3	16.8	
08/23/14					57.3	14.1	
08/24/14					61.4	16.3	
08/25/14					69.3	20.7	
08/26/14					66.0	18.9	
08/27/14					63.7	17.6	
08/28/14					69.9	21.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69013 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.7	15.4	
08/30/14					60.6	15.9	
08/31/14					62.6	17.0	
09/01/14					68.5	20.3	
09/02/14					72.4	22.4	
09/03/14					73.6	23.1	
09/04/14					67.6	19.8	
09/05/14					61.7	16.5	
09/06/14					61.2	16.2	
09/07/14					58.2	14.6	
09/08/14					61.5	16.4	
09/09/14					67.4	19.7	
09/10/14					67.1	19.5	
09/11/14					67.2	19.6	
09/12/14					60.0	15.6	
09/13/14					55.2	12.9	
09/14/14					58.4	14.7	
09/15/14					59.6	15.3	
09/16/14					68.3	20.2	
09/17/14					63.8	17.7	
09/18/14					71.2	21.8	
09/19/14					60.2	15.7	
09/20/14					60.6	15.9	
09/21/14					61.5	16.4	
09/22/14					61.8	16.6	
09/23/14					62.9	17.2	
09/24/14					70.9	21.6	
09/25/14					68.3	20.2	
09/26/14					59.1	15.1	
09/27/14					60.6	15.9	
09/28/14	23	0	1423	156	58.6	14.8	
09/29/14					64.0	17.8	
09/30/14					63.5	17.5	
10/01/14					65.2	18.4	
10/02/14					61.3	16.3	
10/03/14					52.4	11.3	
10/04/14					52.1	11.2	
10/05/14					50.7	10.4	
10/06/14					68.7	20.4	
10/07/14					60.1	15.6	
10/08/14					61.4	16.3	
10/09/14					60.0	15.6	
10/10/14	22	0	1212	107	57.7	14.3	
10/11/14					56.0	13.3	
10/12/14					55.7	13.2	
10/13/14					54.5	12.5	
10/14/14					56.0	13.3	
10/15/14					64.0	17.8	
10/16/14					60.6	15.9	
10/17/14					56.7	13.7	
10/18/14					57.5	14.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69013 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.3	12.9	
10/20/14					55.1	12.8	
10/21/14					58.9	14.9	
10/22/14					63.8	17.7	
10/23/14					58.8	14.9	
10/24/14					55.4	13.0	
10/25/14					52.8	11.6	
10/26/14					56.5	13.6	
10/27/14					62.7	17.1	
10/28/14					56.3	13.5	
10/29/14					55.0	12.8	
10/30/14					55.6	13.1	
10/31/14					54.7	12.6	
11/01/14					55.0	12.8	
11/02/14					54.5	12.5	
11/03/14					59.9	15.5	
11/04/14	26	0	1216	62	56.7	13.7	
11/05/14					58.5	14.7	
11/06/14					62.2	16.8	
11/07/14					55.0	12.8	
11/08/14					54.3	12.4	
11/09/14					53.7	12.1	
11/10/14					64.0	17.8	
11/11/14					54.8	12.7	
11/12/14					54.2	12.3	
11/13/14					52.8	11.6	
11/14/14					53.8	12.1	
11/15/14					53.1	11.7	
11/16/14					52.8	11.6	
11/17/14					53.0	11.7	
11/18/14					51.6	10.9	
11/19/14					53.3	11.8	
11/20/14					54.5	12.5	
11/21/14					53.2	11.8	
11/22/14					51.4	10.8	
11/23/14					54.5	12.5	
11/24/14					52.9	11.6	
11/25/14					51.4	10.8	
11/26/14					52.4	11.3	
11/27/14					51.8	11.0	
11/28/14					53.3	11.8	
11/29/14					53.2	11.8	
11/30/14					54.3	12.4	
12/01/14					55.2	12.9	
12/02/14	29	0	1245	98	53.9	12.2	
12/03/14					55.0	12.8	
12/04/14					54.3	12.4	
12/05/14					52.9	11.6	
12/06/14					53.0	11.7	
12/07/14					53.0	11.7	
12/08/14					54.7	12.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69013 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					53.6	12.0	
12/10/14					56.7	13.7	
12/11/14					54.4	12.4	
12/12/14					52.9	11.6	
12/13/14					52.5	11.4	
12/14/14					53.0	11.7	
12/15/14							
12/16/14							
12/17/14					49.8	9.9	
12/18/14					52.9	11.6	
12/19/14					49.3	9.6	
12/20/14					45.5	7.5	
12/21/14					51.0	10.6	
12/22/14					55.6	13.1	
12/23/14					52.1	11.2	
12/24/14					45.1	7.3	
12/25/14					51.6	10.9	
12/26/14					52.8	11.6	
12/27/14					42.8	6.0	
12/28/14					40.8	4.9	
12/29/14					43.0	6.1	
12/30/14					45.6	7.6	
12/31/14					42.1	5.6	
01/01/15					44.8	7.1	
01/02/15					41.4	5.2	
01/03/15					43.4	6.3	
01/04/15					44.4	6.9	
01/05/15					52.3	11.3	
01/06/15	30	0	1222	98	55.5	13.1	
01/07/15					55.5	13.1	
01/08/15					51.1	10.6	
01/09/15					51.9	11.1	
01/10/15					50.5	10.3	
01/11/15					50.4	10.2	
01/12/15					53.0	11.7	
01/13/15					52.2	11.2	
01/14/15					52.3	11.3	
01/15/15					53.0	11.7	
01/16/15					46.7	8.2	
01/17/15					47.1	8.4	
01/18/15					45.8	7.7	
01/19/15					48.7	9.3	
01/20/15					53.0	11.7	
01/21/15					52.6	11.4	
01/22/15					54.6	12.6	
01/23/15					42.7	5.9	
01/24/15					46.6	8.1	
01/25/15					47.8	8.8	
01/26/15					57.2	14.0	
01/27/15					55.0	12.8	
01/28/15					58.3	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69013 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					53.7	12.1	
01/30/15					53.8	12.1	
01/31/15					52.6	11.4	
02/01/15					49.6	9.8	
02/02/15					53.7	12.1	
02/03/15	30	0	1050	48	53.8	12.1	

Maximum	35	0	1423	156	74.3	23.5	
Minimum	16	0	513	0	36.3	2.4	

Average	26	0	918	94	57.6	14.2	
Std Dev	4	0	219	30	7.2	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69015 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.3	1.3	
05/20/14					39.0	3.9	
05/21/14					40.2	4.6	
05/22/14					45.8	7.7	
05/23/14					44.4	6.9	
05/24/14					64.4	18.0	
05/25/14					66.5	19.2	
05/26/14					66.8	19.3	
05/27/14					67.5	19.7	
05/28/14					68.0	20.0	
05/29/14					66.3	19.1	
05/30/14					65.3	18.5	
05/31/14					67.7	19.8	
06/01/14					66.8	19.3	
06/02/14					71.0	21.7	
06/03/14					72.2	22.3	
06/04/14					66.2	19.0	
06/05/14					64.6	18.1	
06/06/14					64.9	18.3	
06/07/14					65.4	18.6	
06/08/14					63.4	17.4	
06/09/14					69.4	20.8	
06/10/14					63.4	17.4	
06/11/14					64.7	18.2	
06/12/14					53.6	12.0	
06/13/14					64.4	18.0	
06/14/14					69.7	20.9	
06/15/14					60.7	15.9	
06/16/14					63.9	17.7	
06/17/14					67.2	19.6	
06/18/14					70.1	21.2	
06/19/14					65.8	18.8	
06/20/14					68.5	20.3	
06/21/14					62.2	16.8	
06/22/14					61.6	16.4	
06/23/14					69.5	20.8	
06/24/14					69.0	20.6	
06/25/14					66.9	19.4	
06/26/14					70.1	21.2	
06/27/14					64.6	18.1	
06/28/14					62.0	16.7	
06/29/14					61.7	16.5	
06/30/14					65.3	18.5	
07/01/14					69.9	21.1	
07/02/14					64.1	17.8	
07/03/14					70.7	21.5	
07/04/14					62.5	16.9	
07/05/14					62.8	17.1	
07/06/14					62.4	16.9	
07/07/14					72.0	22.2	
07/08/14					66.2	19.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69015 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.5	17.5	
07/10/14					67.9	19.9	
07/11/14					68.1	20.1	
07/12/14					63.9	17.7	
07/13/14					62.5	16.9	
07/14/14					65.0	18.3	
07/15/14					64.2	17.9	
07/16/14					66.8	19.3	
07/17/14					64.4	18.0	
07/18/14					70.5	21.4	
07/19/14					64.1	17.8	
07/20/14					62.8	17.1	
07/21/14					66.7	19.3	
07/22/14					67.9	19.9	
07/23/14					67.3	19.6	
07/24/14					66.1	18.9	
07/25/14					63.8	17.7	
07/26/14					66.7	19.3	
07/27/14					64.2	17.9	
07/28/14					69.0	20.6	
07/29/14					66.1	18.9	
07/30/14					62.4	16.9	
07/31/14	57	0	1490	134	62.8	17.1	
08/01/14	40	0	1111	89	62.4	16.9	
08/02/14	52	0	1268	96	62.5	16.9	
08/03/14	51	0	1272	88	62.0	16.7	
08/04/14	53	0	1171	93	68.0	20.0	
08/05/14	45	0	1275	112	66.9	19.4	
08/06/14	44	0	1040	85	65.8	18.8	
08/07/14					67.4	19.7	
08/08/14					60.0	15.6	
08/09/14					62.8	17.1	
08/10/14					62.9	17.2	
08/11/14					65.5	18.6	
08/12/14					71.7	22.1	
08/13/14					67.5	19.7	
08/14/14					65.6	18.7	
08/15/14					62.4	16.9	
08/16/14					64.0	17.8	
08/17/14					62.5	16.9	
08/18/14					68.1	20.1	
08/19/14					69.7	20.9	
08/20/14					67.1	19.5	
08/21/14					70.0	21.1	
08/22/14					61.7	16.5	
08/23/14					59.5	15.3	
08/24/14					62.2	16.8	
08/25/14					68.5	20.3	
08/26/14					64.5	18.1	
08/27/14					63.1	17.3	
08/28/14					68.8	20.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69015 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.6	16.4	
08/30/14					61.5	16.4	
08/31/14					62.5	16.9	
09/01/14					62.1	16.7	
09/02/14					70.7	21.5	
09/03/14					70.4	21.3	
09/04/14					65.6	18.7	
09/05/14					62.7	17.1	
09/06/14					67.0	19.4	
09/07/14					59.6	15.3	
09/08/14					63.3	17.4	
09/09/14					66.1	18.9	
09/10/14					65.8	18.8	
09/11/14					66.1	18.9	
09/12/14					62.3	16.8	
09/13/14					56.7	13.7	
09/14/14					59.2	15.1	
09/15/14					60.8	16.0	
09/16/14					66.2	19.0	
09/17/14					63.6	17.6	
09/18/14					68.9	20.5	
09/19/14					60.7	15.9	
09/20/14					62.1	16.7	
09/21/14					62.3	16.8	
09/22/14					62.2	16.8	
09/23/14					63.1	17.3	
09/24/14	66	0	1519	103	67.8	19.9	
09/25/14					66.9	19.4	
09/26/14					59.7	15.4	
09/27/14					61.9	16.6	
09/28/14					59.9	15.5	
09/29/14					62.8	17.1	
09/30/14					62.8	17.1	
10/01/14					63.5	17.5	
10/02/14					61.2	16.2	
10/03/14					52.2	11.2	
10/04/14					53.5	11.9	
10/05/14					51.3	10.7	
10/06/14					67.6	19.8	
10/07/14	63	0	1443	124	60.0	15.6	
10/08/14					61.9	16.6	
10/09/14					60.7	15.9	
10/10/14					59.4	15.2	
10/11/14					58.1	14.5	
10/12/14					57.5	14.2	
10/13/14					57.1	13.9	
10/14/14					57.7	14.3	
10/15/14					63.6	17.6	
10/16/14					61.9	16.6	
10/17/14					57.6	14.2	
10/18/14					58.8	14.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69015 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.5	14.2	
10/20/14					56.7	13.7	
10/21/14					60.3	15.7	
10/22/14					63.6	17.6	
10/23/14					59.5	15.3	
10/24/14					57.0	13.9	
10/25/14					56.5	13.6	
10/26/14					58.5	14.7	
10/27/14					61.9	16.6	
10/28/14					57.2	14.0	
10/29/14					57.0	13.9	
10/30/14					57.3	14.1	
10/31/14					56.5	13.6	
11/01/14					56.6	13.7	
11/02/14					56.3	13.5	
11/03/14					59.7	15.4	
11/04/14					52.9	11.6	
11/05/14					56.4	13.6	
11/06/14					55.7	13.2	
11/07/14	64	0	1429	113	49.4	9.7	
11/08/14					53.2	11.8	
11/09/14					48.5	9.2	
11/10/14					56.8	13.8	
11/11/14					51.1	10.6	
11/12/14					46.5	8.1	
11/13/14					53.4	11.9	
11/14/14					55.6	13.1	
11/15/14					59.1	15.1	
11/16/14					55.7	13.2	
11/17/14					49.4	9.7	
11/18/14					54.4	12.4	
11/19/14					57.0	13.9	
11/20/14					58.9	14.9	
11/21/14					53.2	11.8	
11/22/14					52.9	11.6	
11/23/14					57.2	14.0	
11/24/14					55.2	12.9	
11/25/14					54.0	12.2	
11/26/14					53.0	11.7	
11/27/14					53.1	11.7	
11/28/14					54.7	12.6	
11/29/14					55.6	13.1	
11/30/14					58.5	14.7	
12/01/14					58.2	14.6	
12/02/14					57.4	14.1	
12/03/14					58.8	14.9	
12/04/14					55.6	13.1	
12/05/14	66	0	1400	119	56.3	13.5	
12/06/14					58.0	14.4	
12/07/14					58.0	14.4	
12/08/14					56.4	13.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69015 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					56.7	13.7	
12/10/14					57.4	14.1	
12/11/14					57.7	14.3	
12/12/14					56.4	13.6	
12/13/14					56.7	13.7	
12/14/14					57.5	14.2	
12/15/14							
12/16/14							
12/17/14					52.9	11.6	
12/18/14					55.9	13.3	
12/19/14					52.4	11.3	
12/20/14					51.1	10.6	
12/21/14					51.8	11.0	
12/22/14					58.0	14.4	
12/23/14					53.6	12.0	
12/24/14					50.1	10.1	
12/25/14					54.5	12.5	
12/26/14					53.8	12.1	
12/27/14					46.6	8.1	
12/28/14					44.9	7.2	
12/29/14					45.7	7.6	
12/30/14					49.9	9.9	
12/31/14					47.2	8.4	
01/01/15					47.7	8.7	
01/02/15					45.8	7.7	
01/03/15					46.6	8.1	
01/04/15					47.2	8.4	
01/05/15					52.3	11.3	
01/06/15					57.6	14.2	
01/07/15					57.6	14.2	
01/08/15					52.5	11.4	
01/09/15	64	0	1275	87	55.6	13.1	
01/10/15					53.0	11.7	
01/11/15					53.3	11.8	
01/12/15					54.3	12.4	
01/13/15					53.2	11.8	
01/14/15					53.4	11.9	
01/15/15					55.1	12.8	
01/16/15					50.0	10.0	
01/17/15					51.5	10.8	
01/18/15					49.3	9.6	
01/19/15					52.0	11.1	
01/20/15					55.5	13.1	
01/21/15					54.4	12.4	
01/22/15					53.2	11.8	
01/23/15					48.1	8.9	
01/24/15					49.6	9.8	
01/25/15					50.8	10.4	
01/26/15					59.0	15.0	
01/27/15					57.7	14.3	
01/28/15					58.8	14.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69015 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					57.4	14.1	
01/30/15					55.8	13.2	
01/31/15					55.7	13.2	
02/01/15					51.5	10.8	
02/02/15					56.3	13.5	
02/03/15					56.1	13.4	

Maximum	66	0	1519	134	72.2	22.3	
Minimum	40	0	1040	85	34.3	1.3	

Average	55	0	1308	104	59.8	15.5	
Std Dev	9	0	145	16	6.7	3.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69036 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					38.2	3.4	
05/20/14					38.0	3.3	
05/21/14					39.4	4.1	
05/22/14					50.7	10.4	
05/23/14					47.1	8.4	
05/24/14					62.1	16.7	
05/25/14					59.2	15.1	
05/26/14					52.9	11.6	
05/27/14					52.8	11.6	
05/28/14					61.0	16.1	
05/29/14					63.3	17.4	
05/30/14					58.0	14.4	
05/31/14					55.5	13.1	
06/01/14					45.4	7.4	
06/02/14					57.3	14.1	
06/03/14					60.6	15.9	
06/04/14					59.8	15.4	
06/05/14					62.0	16.7	
06/06/14					59.2	15.1	
06/07/14					47.6	8.7	
06/08/14					55.6	13.1	
06/09/14					47.9	8.8	
06/10/14					46.5	8.1	
06/11/14					48.6	9.2	
06/12/14					56.0	13.3	
06/13/14					64.6	18.1	
06/14/14					70.1	21.2	
06/15/14					67.8	19.9	
06/16/14					72.3	22.4	
06/17/14					61.6	16.4	
06/18/14					62.1	16.7	
06/19/14					60.0	15.6	
06/20/14					60.6	15.9	
06/21/14					68.7	20.4	
06/22/14					66.3	19.1	
06/23/14					71.2	21.8	
06/24/14					65.5	18.6	
06/25/14					65.4	18.6	
06/26/14					72.6	22.6	
06/27/14					64.7	18.2	
06/28/14					69.2	20.7	
06/29/14					66.6	19.2	
06/30/14					65.7	18.7	
07/01/14					65.7	18.7	
07/02/14					63.9	17.7	
07/03/14					66.8	19.3	
07/04/14					64.9	18.3	
07/05/14					65.1	18.4	
07/06/14					63.2	17.3	
07/07/14					69.1	20.6	
07/08/14					67.7	19.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69036 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					70.0	21.1	
07/10/14					64.1	17.8	
07/11/14					69.9	21.1	
07/12/14					65.4	18.6	
07/13/14					65.1	18.4	
07/14/14					67.5	19.7	
07/15/14					66.3	19.1	
07/16/14					69.1	20.6	
07/17/14	68	0	981	161	65.5	18.6	
07/18/14	66	0	966	161	72.4	22.4	
07/19/14	58	0	938	138	64.4	18.0	
07/20/14	69	0	867	134	62.7	17.1	
07/21/14	78	0	1131	209	69.8	21.0	
07/22/14	80	0	1011	140	71.3	21.8	
07/23/14	71	0	990	162	70.6	21.4	
07/24/14					70.0	21.1	
07/25/14					69.3	20.7	
07/26/14					65.2	18.4	
07/27/14					67.7	19.8	
07/28/14					72.0	22.2	
07/29/14					69.7	20.9	
07/30/14					63.7	17.6	
07/31/14					64.4	18.0	
08/01/14					64.2	17.9	
08/02/14					63.4	17.4	
08/03/14					60.8	16.0	
08/04/14					69.4	20.8	
08/05/14					62.5	16.9	
08/06/14					67.8	19.9	
08/07/14					67.1	19.5	
08/08/14					62.6	17.0	
08/09/14					62.5	16.9	
08/10/14					64.3	17.9	
08/11/14					66.7	19.3	
08/12/14					71.6	22.0	
08/13/14					68.1	20.1	
08/14/14					65.1	18.4	
08/15/14					62.9	17.2	
08/16/14					62.3	16.8	
08/17/14					63.8	17.7	
08/18/14					69.8	21.0	
08/19/14					72.5	22.5	
08/20/14					69.0	20.6	
08/21/14					72.2	22.3	
08/22/14					63.8	17.7	
08/23/14					57.2	14.0	
08/24/14					59.4	15.2	
08/25/14					69.6	20.9	
08/26/14					65.1	18.4	
08/27/14					64.7	18.2	
08/28/14					69.4	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69036 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.4	15.2	
08/30/14					60.4	15.8	
08/31/14					61.5	16.4	
09/01/14					67.5	19.7	
09/02/14					71.5	21.9	
09/03/14					71.8	22.1	
09/04/14					67.1	19.5	
09/05/14					63.2	17.3	
09/06/14					62.5	16.9	
09/07/14					58.6	14.8	
09/08/14					62.2	16.8	
09/09/14					67.4	19.7	
09/10/14					66.1	18.9	
09/11/14					66.4	19.1	
09/12/14					59.5	15.3	
09/13/14					55.8	13.2	
09/14/14					58.3	14.6	
09/15/14					59.6	15.3	
09/16/14					67.5	19.7	
09/17/14					65.1	18.4	
09/18/14					70.2	21.2	
09/19/14					60.0	15.6	
09/20/14					60.7	15.9	
09/21/14					62.6	17.0	
09/22/14					63.0	17.2	
09/23/14					63.2	17.3	
09/24/14					69.6	20.9	
09/25/14					68.3	20.2	
09/26/14					58.9	14.9	
09/27/14					59.7	15.4	
09/28/14	65	0	860	163	58.1	14.5	
09/29/14					64.1	17.8	
09/30/14					63.5	17.5	
10/01/14					64.7	18.2	
10/02/14					63.0	17.2	
10/03/14					51.2	10.7	
10/04/14					50.8	10.4	
10/05/14					52.1	11.2	
10/06/14					67.8	19.9	
10/07/14					60.1	15.6	
10/08/14					61.5	16.4	
10/09/14					61.1	16.2	
10/10/14					59.9	15.5	
10/11/14					58.3	14.6	
10/12/14					56.8	13.8	
10/13/14					56.3	13.5	
10/14/14					57.1	13.9	
10/15/14					64.2	17.9	
10/16/14					60.8	16.0	
10/17/14					57.6	14.2	
10/18/14					58.8	14.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69036 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.0	13.9	
10/20/14					56.6	13.7	
10/21/14					60.1	15.6	
10/22/14	66	0	882	198	64.8	18.2	
10/23/14					59.9	15.5	
10/24/14					56.9	13.8	
10/25/14					55.9	13.3	
10/26/14					59.0	15.0	
10/27/14					63.3	17.4	
10/28/14					57.9	14.4	
10/29/14					55.5	13.1	
10/30/14					56.7	13.7	
10/31/14					55.6	13.1	
11/01/14					56.5	13.6	
11/02/14					56.6	13.7	
11/03/14					57.9	14.4	
11/04/14					46.4	8.0	
11/05/14					53.1	11.7	
11/06/14					52.0	11.1	
11/07/14					43.1	6.2	
11/08/14					46.5	8.1	
11/09/14					41.6	5.3	
11/10/14					54.5	12.5	
11/11/14					43.0	6.1	
11/12/14					40.7	4.8	
11/13/14					53.6	12.0	
11/14/14	43	0	586	107	55.2	12.9	
11/15/14					55.4	13.0	
11/16/14					53.9	12.2	
11/17/14					42.7	5.9	
11/18/14					52.3	11.3	
11/19/14					54.9	12.7	
11/20/14					56.4	13.6	
11/21/14					52.1	11.2	
11/22/14					52.0	11.1	
11/23/14					54.6	12.6	
11/24/14					55.5	13.1	
11/25/14					52.3	11.3	
11/26/14					53.0	11.7	
11/27/14					52.3	11.3	
11/28/14					54.0	12.2	
11/29/14					53.2	11.8	
11/30/14					54.8	12.7	
12/01/14					55.9	13.3	
12/02/14					55.1	12.8	
12/03/14					56.5	13.6	
12/04/14					55.9	13.3	
12/05/14					54.3	12.4	
12/06/14					55.4	13.0	
12/07/14					55.0	12.8	
12/08/14					54.7	12.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69036 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.9	12.7	
12/10/14					57.8	14.3	
12/11/14					54.6	12.6	
12/12/14	83	0	709	174	53.6	12.0	
12/13/14					54.6	12.6	
12/14/14					54.6	12.6	
12/15/14					54.6	12.6	
12/16/14							
12/17/14					53.7	12.1	
12/18/14					54.7	12.6	
12/19/14					51.6	10.9	
12/20/14					49.2	9.6	
12/21/14					52.3	11.3	
12/22/14					56.6	13.7	
12/23/14					54.1	12.3	
12/24/14					48.8	9.3	
12/25/14					53.1	11.7	
12/26/14					52.6	11.4	
12/27/14					45.2	7.3	
12/28/14					45.2	7.3	
12/29/14					45.2	7.3	
12/30/14					48.8	9.3	
12/31/14					45.2	7.3	
01/01/15					48.6	9.2	
01/02/15					45.1	7.3	
01/03/15					45.9	7.7	
01/04/15					46.4	8.0	
01/05/15					53.1	11.7	
01/06/15					55.4	13.0	
01/07/15					55.2	12.9	
01/08/15					52.6	11.4	
01/09/15					53.3	11.8	
01/10/15					52.1	11.2	
01/11/15					52.7	11.5	
01/12/15					54.0	12.2	
01/13/15					53.1	11.7	
01/14/15					54.2	12.3	
01/15/15					53.6	12.0	
01/16/15	74	0	647	189	48.1	8.9	
01/17/15					50.1	10.1	
01/18/15					48.2	9.0	
01/19/15					49.9	9.9	
01/20/15					54.9	12.7	
01/21/15					52.8	11.6	
01/22/15					49.1	9.5	
01/23/15					46.2	7.9	
01/24/15					47.5	8.6	
01/25/15					49.3	9.6	
01/26/15					58.7	14.8	
01/27/15					56.0	13.3	
01/28/15					59.9	15.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

69036 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.5	13.1	
01/30/15					53.8	12.1	
01/31/15					54.9	12.7	
02/01/15					51.0	10.6	
02/02/15					54.5	12.5	
02/03/15					54.5	12.5	

Maximum	83	0	1131	209	72.6	22.6	
Minimum	43	0	586	107	38.0	3.3	

Average	68	0	881	161	58.7	14.8	
Std Dev	10	0	154	28	7.6	4.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69298 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.7	1.5	
05/20/14					39.5	4.2	
05/21/14					39.8	4.3	
05/22/14					45.3	7.4	
05/23/14					46.3	7.9	
05/24/14					63.7	17.6	
05/25/14					53.0	11.7	
05/26/14					47.8	8.8	
05/27/14					58.0	14.4	
05/28/14					60.5	15.8	
05/29/14					62.7	17.1	
05/30/14					61.0	16.1	
05/31/14					56.0	13.3	
06/01/14					46.5	8.1	
06/02/14					57.1	13.9	
06/03/14					60.0	15.6	
06/04/14					61.0	16.1	
06/05/14					52.0	11.1	
06/06/14					59.5	15.3	
06/07/14					45.6	7.6	
06/08/14					55.1	12.8	
06/09/14					48.1	8.9	
06/10/14					45.5	7.5	
06/11/14					52.4	11.3	
06/12/14					72.1	22.3	
06/13/14					55.0	12.8	
06/14/14					66.7	19.3	
06/15/14					58.7	14.8	
06/16/14					66.6	19.2	
06/17/14					52.7	11.5	
06/18/14					57.6	14.2	
06/19/14					54.0	12.2	
06/20/14					53.5	11.9	
06/21/14					58.2	14.6	
06/22/14					59.7	15.4	
06/23/14					67.2	19.6	
06/24/14					58.9	14.9	
06/25/14					59.1	15.1	
06/26/14					69.3	20.7	
06/27/14					59.9	15.5	
06/28/14					62.0	16.7	
06/29/14					61.1	16.2	
06/30/14					60.0	15.6	
07/01/14					54.5	12.5	
07/02/14					54.6	12.6	
07/03/14					60.9	16.1	
07/04/14					60.2	15.7	
07/05/14					58.7	14.8	
07/06/14					58.5	14.7	
07/07/14					59.7	15.4	
07/08/14					59.6	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69298 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.2	17.9	
07/10/14					56.8	13.8	
07/11/14					65.1	18.4	
07/12/14					62.6	17.0	
07/13/14					58.1	14.5	
07/14/14					60.5	15.8	
07/15/14					60.4	15.8	
07/16/14					67.0	19.4	
07/17/14					56.6	13.7	
07/18/14					68.2	20.1	
07/19/14					54.4	12.4	
07/20/14					53.8	12.1	
07/21/14					65.0	18.3	
07/22/14					66.0	18.9	
07/23/14					63.5	17.5	
07/24/14	333	298	6298	562	64.9	18.3	
07/25/14	97	288	5274	505	62.0	16.7	
07/26/14	339	371	6780	627	54.9	12.7	
07/27/14	3	0	1370	132	62.5	16.9	
07/28/14	317	305	6308	619	73.6	23.1	c2
07/29/14	4	0	1156	46	69.8	21.0	
07/30/14	339	418	6826	687	63.3	17.4	
07/31/14					63.1	17.3	
08/01/14					63.5	17.5	
08/02/14					62.1	16.7	
08/03/14					61.1	16.2	
08/04/14					69.9	21.1	
08/05/14					61.4	16.3	
08/06/14					67.4	19.7	
08/07/14					66.5	19.2	
08/08/14					63.2	17.3	
08/09/14					62.1	16.7	
08/10/14					64.6	18.1	
08/11/14					67.5	19.7	
08/12/14					72.3	22.4	
08/13/14					68.0	20.0	
08/14/14					64.8	18.2	
08/15/14					61.7	16.5	
08/16/14					61.7	16.5	
08/17/14					63.0	17.2	
08/18/14					70.3	21.3	
08/19/14					73.1	22.8	
08/20/14					68.0	20.0	
08/21/14					72.2	22.3	
08/22/14					62.3	16.8	
08/23/14					57.6	14.2	
08/24/14					61.7	16.5	
08/25/14					70.2	21.2	
08/26/14					66.0	18.9	
08/27/14					63.1	17.3	
08/28/14					68.9	20.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

69298 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.3	15.7	
08/30/14					61.4	16.3	
08/31/14					62.5	16.9	
09/01/14					68.2	20.1	
09/02/14					71.6	22.0	
09/03/14					72.9	22.7	
09/04/14					67.1	19.5	
09/05/14					61.9	16.6	
09/06/14					61.4	16.3	
09/07/14					58.7	14.8	
09/08/14					61.4	16.3	
09/09/14					66.7	19.3	
09/10/14					66.3	19.1	
09/11/14					67.0	19.4	
09/12/14					60.6	15.9	
09/13/14					55.7	13.2	
09/14/14					59.7	15.4	
09/15/14					60.3	15.7	
09/16/14					67.7	19.8	
09/17/14					63.4	17.4	
09/18/14					70.6	21.4	
09/19/14					60.8	16.0	
09/20/14					60.8	16.0	
09/21/14					61.8	16.6	
09/22/14					61.8	16.6	
09/23/14					62.9	17.2	
09/24/14					69.5	20.8	
09/25/14					68.4	20.2	
09/26/14					60.6	15.9	
09/27/14	514	462	7681	836	60.2	15.7	
09/28/14					59.6	15.3	
09/29/14					63.7	17.6	
09/30/14					63.8	17.7	
10/01/14					64.7	18.2	
10/02/14					61.6	16.4	
10/03/14					53.1	11.7	
10/04/14					52.6	11.4	
10/05/14					51.6	10.9	
10/06/14					68.4	20.2	
10/07/14					60.5	15.8	
10/08/14					61.6	16.4	
10/09/14					60.5	15.8	
10/10/14					58.0	14.4	
10/11/14					56.8	13.8	
10/12/14					56.5	13.6	
10/13/14					56.6	13.7	
10/14/14					57.4	14.1	
10/15/14	577	616	9176	1015	64.8	18.2	
10/16/14					60.7	15.9	
10/17/14					57.5	14.2	
10/18/14					57.9	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69298 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.3	13.5	
10/20/14					56.1	13.4	
10/21/14					59.7	15.4	
10/22/14					63.8	17.7	
10/23/14					59.2	15.1	
10/24/14					56.3	13.5	
10/25/14					55.6	13.1	
10/26/14					58.4	14.7	
10/27/14					62.6	17.0	
10/28/14					57.0	13.9	
10/29/14					55.7	13.2	
10/30/14					56.6	13.7	
10/31/14					55.7	13.2	
11/01/14					55.6	13.1	
11/02/14					55.3	12.9	
11/03/14					60.2	15.7	
11/04/14					57.6	14.2	
11/05/14	636	645	10088	1212	58.6	14.8	
11/06/14					62.2	16.8	
11/07/14					56.2	13.4	
11/08/14					55.8	13.2	
11/09/14					54.6	12.6	
11/10/14					63.4	17.4	
11/11/14					56.1	13.4	
11/12/14					55.6	13.1	
11/13/14					54.7	12.6	
11/14/14					55.2	12.9	
11/15/14					54.6	12.6	
11/16/14					54.8	12.7	
11/17/14					54.5	12.5	
11/18/14					53.3	11.8	
11/19/14					54.3	12.4	
11/20/14					55.8	13.2	
11/21/14					54.2	12.3	
11/22/14					52.8	11.6	
11/23/14					55.0	12.8	
11/24/14					55.2	12.9	
11/25/14					52.7	11.5	
11/26/14					53.8	12.1	
11/27/14					53.7	12.1	
11/28/14					54.2	12.3	
11/29/14					54.8	12.7	
11/30/14					55.6	13.1	
12/01/14					56.4	13.6	
12/02/14					55.5	13.1	
12/03/14	628	724	9585	1184	56.2	13.4	
12/04/14					55.1	12.8	
12/05/14					54.4	12.4	
12/06/14					54.2	12.3	
12/07/14					54.4	12.4	
12/08/14					55.6	13.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69298 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.2	12.9	
12/10/14					57.3	14.1	
12/11/14					56.1	13.4	
12/12/14					54.9	12.7	
12/13/14					54.0	12.2	
12/14/14					54.8	12.7	
12/15/14							
12/16/14							
12/17/14					51.4	10.8	
12/18/14					54.9	12.7	
12/19/14					51.7	10.9	
12/20/14					48.5	9.2	
12/21/14					52.9	11.6	
12/22/14					56.4	13.6	
12/23/14					52.8	11.6	
12/24/14					48.9	9.4	
12/25/14					53.2	11.8	
12/26/14					53.3	11.8	
12/27/14					45.7	7.6	
12/28/14					43.7	6.5	
12/29/14					44.7	7.1	
12/30/14					48.1	8.9	
12/31/14					45.3	7.4	
01/01/15					47.1	8.4	
01/02/15					44.7	7.1	
01/03/15					46.0	7.8	
01/04/15					46.5	8.1	
01/05/15					54.0	12.2	
01/06/15					56.4	13.6	
01/07/15	646	767	9578	1203	56.4	13.6	
01/08/15					53.1	11.7	
01/09/15					54.5	12.5	
01/10/15					52.2	11.2	
01/11/15					52.5	11.4	
01/12/15					54.2	12.3	
01/13/15					54.4	12.4	
01/14/15					54.3	12.4	
01/15/15					54.9	12.7	
01/16/15					49.0	9.4	
01/17/15					50.5	10.3	
01/18/15					49.2	9.6	
01/19/15					51.3	10.7	
01/20/15					54.7	12.6	
01/21/15					54.4	12.4	
01/22/15					53.7	12.1	
01/23/15					46.2	7.9	
01/24/15					48.6	9.2	
01/25/15					50.5	10.3	
01/26/15					57.7	14.3	
01/27/15					56.0	13.3	
01/28/15					58.0	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69298 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.2	12.9	
01/30/15					54.5	12.5	
01/31/15					54.4	12.4	
02/01/15					51.5	10.8	
02/02/15					53.9	12.2	
02/03/15					54.6	12.6	

Maximum	646	767	10088	1212	73.6	23.1	
Minimum	3	0	1156	46	34.7	1.5	

Average	369	408	6677	719	58.0	14.5	
Std Dev	228	242	2839	374	6.6	3.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69417 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.4	0.8	
05/20/14					38.8	3.8	
05/21/14					39.4	4.1	
05/22/14					44.9	7.2	
05/23/14					45.5	7.5	
05/24/14					64.2	17.9	
05/25/14					52.2	11.2	
05/26/14					46.4	8.0	
05/27/14					57.2	14.0	
05/28/14					60.5	15.8	
05/29/14					63.1	17.3	
05/30/14					59.7	15.4	
05/31/14					56.5	13.6	
06/01/14					46.8	8.2	
06/02/14					58.8	14.9	
06/03/14					61.0	16.1	
06/04/14					59.7	15.4	
06/05/14					52.5	11.4	
06/06/14					61.4	16.3	
06/07/14					45.7	7.6	
06/08/14					55.4	13.0	
06/09/14					49.5	9.7	
06/10/14					45.1	7.3	
06/11/14					54.5	12.5	
06/12/14					73.7	23.2	
06/13/14					56.7	13.7	
06/14/14					68.0	20.0	
06/15/14					59.6	15.3	
06/16/14					68.8	20.4	
06/17/14					53.7	12.1	
06/18/14	0	0	138	0	56.9	13.8	
06/19/14	0	0	90	0	53.1	11.7	
06/20/14	0	0	71	0	53.2	11.8	
06/21/14	0	0	20	0	58.5	14.7	
06/22/14	0	0	26	0	59.9	15.5	
06/23/14	0	0	78	0	66.7	19.3	
06/24/14					58.9	14.9	
06/25/14					58.8	14.9	
06/26/14	0	0	10	0	68.8	20.4	c2
06/27/14	0	0	-25	0	59.7	15.4	
06/28/14	0	0	-30	0	62.2	16.8	
06/29/14	0	0	-16	0	60.9	16.1	
06/30/14	0	0	-33	0	59.3	15.2	c2
07/01/14	0	0	30	0	54.7	12.6	
07/02/14	0	0	3	0	53.8	12.1	c1
07/03/14	0	0	-25	0	60.8	16.0	
07/04/14	0	0	8	0	60.5	15.8	
07/05/14	0	0	15	0	59.5	15.3	
07/06/14	0	0	1	0	58.9	14.9	
07/07/14	0	0	7	0	60.9	16.1	
07/08/14	0	0	50	0	60.0	15.6	c2

Remediated Nitrate Salt Container Headspace Gas Analysis

69417 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14	0	0	57	0	65.0	18.3	
07/10/14	0	0	35	0	56.0	13.3	
07/11/14	0	0	-41	0	65.1	18.4	
07/12/14	0	0	-23	0	62.6	17.0	
07/13/14	0	0	-3	0	57.3	14.1	
07/14/14	0	0	-45	0	60.6	15.9	c2
07/15/14	0	0	-132	0	59.9	15.5	
07/16/14	0	0	3	0	67.1	19.5	
07/17/14					57.0	13.9	
07/18/14					68.9	20.5	
07/19/14					54.5	12.5	
07/20/14					53.5	11.9	
07/21/14					65.7	18.7	
07/22/14					66.7	19.3	
07/23/14					64.3	17.9	
07/24/14					65.9	18.8	
07/25/14					62.9	17.2	
07/26/14					55.6	13.1	
07/27/14					61.2	16.2	
07/28/14					74.2	23.4	
07/29/14					70.3	21.3	
07/30/14					63.2	17.3	
07/31/14					63.6	17.6	
08/01/14					62.6	17.0	
08/02/14					62.0	16.7	
08/03/14					60.6	15.9	
08/04/14					70.2	21.2	
08/05/14					61.4	16.3	
08/06/14					67.3	19.6	
08/07/14					66.8	19.3	
08/08/14					62.9	17.2	
08/09/14					61.8	16.6	
08/10/14					64.4	18.0	
08/11/14					67.3	19.6	
08/12/14					72.3	22.4	
08/13/14					69.1	20.6	
08/14/14					64.8	18.2	
08/15/14					61.6	16.4	
08/16/14					61.4	16.3	
08/17/14					62.6	17.0	
08/18/14					71.0	21.7	
08/19/14					73.2	22.9	
08/20/14					68.7	20.4	
08/21/14					72.4	22.4	
08/22/14					62.4	16.9	
08/23/14					57.2	14.0	
08/24/14					61.4	16.3	
08/25/14					69.9	21.1	
08/26/14					66.6	19.2	
08/27/14					63.4	17.4	
08/28/14					70.1	21.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69417 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.8	15.4	
08/30/14					60.8	16.0	
08/31/14					62.0	16.7	
09/01/14					68.4	20.2	
09/02/14					72.9	22.7	
09/03/14					74.4	23.6	
09/04/14					67.5	19.7	
09/05/14					62.6	17.0	
09/06/14					60.8	16.0	
09/07/14					58.4	14.7	
09/08/14					61.2	16.2	
09/09/14					67.3	19.6	
09/10/14					67.6	19.8	
09/11/14					67.2	19.6	
09/12/14					59.7	15.4	
09/13/14					55.0	12.8	
09/14/14					58.8	14.9	
09/15/14					59.6	15.3	
09/16/14					68.7	20.4	
09/17/14					64.1	17.8	
09/18/14					72.3	22.4	
09/19/14					60.1	15.6	
09/20/14					60.2	15.7	
09/21/14					61.1	16.2	
09/22/14					61.8	16.6	
09/23/14					62.6	17.0	
09/24/14					70.1	21.2	
09/25/14					68.9	20.5	
09/26/14					59.1	15.1	
09/27/14	7	0	93	0	59.9	15.5	
09/28/14					59.4	15.2	
09/29/14					63.8	17.7	
09/30/14					63.6	17.6	
10/01/14					65.1	18.4	
10/02/14					61.8	16.6	
10/03/14					53.1	11.7	
10/04/14					51.9	11.1	
10/05/14					51.1	10.6	
10/06/14					69.1	20.6	
10/07/14					60.1	15.6	
10/08/14					61.6	16.4	
10/09/14					60.0	15.6	
10/10/14					58.0	14.4	
10/11/14					56.4	13.6	
10/12/14					56.0	13.3	
10/13/14					55.4	13.0	
10/14/14	3	0	61	0	56.9	13.8	
10/15/14					65.2	18.4	
10/16/14					60.4	15.8	
10/17/14					57.0	13.9	
10/18/14					57.7	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69417 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.9	13.3	
10/20/14					55.2	12.9	
10/21/14					58.7	14.8	
10/22/14					63.9	17.7	
10/23/14					59.0	15.0	
10/24/14					55.4	13.0	
10/25/14					54.8	12.7	
10/26/14					58.0	14.4	
10/27/14					62.4	16.9	
10/28/14					56.5	13.6	
10/29/14					55.6	13.1	
10/30/14					56.0	13.3	
10/31/14					54.9	12.7	
11/01/14					54.9	12.7	
11/02/14					54.8	12.7	
11/03/14					60.2	15.7	
11/04/14	1	0	55	0	57.3	14.1	
11/05/14					58.5	14.7	
11/06/14					63.6	17.6	
11/07/14					56.2	13.4	
11/08/14					55.4	13.0	
11/09/14					54.5	12.5	
11/10/14					64.0	17.8	
11/11/14					55.5	13.1	
11/12/14					54.9	12.7	
11/13/14					54.0	12.2	
11/14/14					54.8	12.7	
11/15/14					54.1	12.3	
11/16/14					54.3	12.4	
11/17/14					53.8	12.1	
11/18/14					53.9	12.2	
11/19/14					54.0	12.2	
11/20/14					55.6	13.1	
11/21/14					54.0	12.2	
11/22/14					52.0	11.1	
11/23/14					54.3	12.4	
11/24/14					55.6	13.1	
11/25/14					52.3	11.3	
11/26/14					53.1	11.7	
11/27/14					53.1	11.7	
11/28/14					53.5	11.9	
11/29/14					54.3	12.4	
11/30/14					55.2	12.9	
12/01/14					56.3	13.5	
12/02/14	2	0	10	0	54.7	12.6	
12/03/14					55.9	13.3	
12/04/14					55.2	12.9	
12/05/14					54.0	12.2	
12/06/14					54.0	12.2	
12/07/14					54.5	12.5	
12/08/14					55.4	13.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69417 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.5	13.1	
12/10/14					57.2	14.0	
12/11/14					55.8	13.2	
12/12/14					54.5	12.5	
12/13/14					53.5	11.9	
12/14/14					54.0	12.2	
12/15/14							
12/16/14							
12/17/14					50.6	10.3	
12/18/14					54.0	12.2	
12/19/14					50.9	10.5	
12/20/14					48.1	8.9	
12/21/14					52.4	11.3	
12/22/14					55.9	13.3	
12/23/14					53.2	11.8	
12/24/14					48.3	9.1	
12/25/14					52.7	11.5	
12/26/14					52.5	11.4	
12/27/14					44.5	6.9	
12/28/14					42.5	5.8	
12/29/14					43.8	6.6	
12/30/14					47.5	8.6	
12/31/14					44.2	6.8	
01/01/15					46.1	7.8	
01/02/15					43.3	6.3	
01/03/15					44.4	6.9	
01/04/15					45.4	7.4	
01/05/15					53.7	12.1	
01/06/15	6	0	3	0	55.8	13.2	
01/07/15					55.5	13.1	
01/08/15					52.2	11.2	
01/09/15					53.3	11.8	
01/10/15					51.1	10.6	
01/11/15					51.8	11.0	
01/12/15					53.6	12.0	
01/13/15					53.3	11.8	
01/14/15					54.5	12.5	
01/15/15					54.1	12.3	
01/16/15					48.2	9.0	
01/17/15					50.0	10.0	
01/18/15					48.7	9.3	
01/19/15					50.5	10.3	
01/20/15					53.7	12.1	
01/21/15					54.7	12.6	
01/22/15					53.8	12.1	
01/23/15					45.5	7.5	
01/24/15					47.5	8.6	
01/25/15					49.8	9.9	
01/26/15					57.4	14.1	
01/27/15					56.2	13.4	
01/28/15					57.9	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69417 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.5	12.5	
01/30/15					53.6	12.0	
01/31/15					53.4	11.9	
02/01/15					50.7	10.4	
02/02/15					53.7	12.1	
02/03/15	10	0	47	0	54.7	12.6	

Maximum	10	0	138	0	74.4	23.6	
Minimum	0	0	-132	0	33.4	0.8	

Average	1	0	16	0	57.9	14.4	
Std Dev	2	0	50	0	6.9	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69445 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					35.2	1.8	
05/20/14					39.2	4.0	
05/21/14					39.2	4.0	
05/22/14					46.2	7.9	
05/23/14					45.4	7.4	
05/24/14					60.1	15.6	
05/25/14					48.4	9.1	
05/26/14					45.8	7.7	
05/27/14					57.8	14.3	
05/28/14					60.0	15.6	
05/29/14					64.6	18.1	
05/30/14					61.2	16.2	
05/31/14					61.6	16.4	
06/01/14					48.9	9.4	
06/02/14					60.1	15.6	
06/03/14					62.6	17.0	
06/04/14					64.1	17.8	
06/05/14					58.2	14.6	
06/06/14					67.1	19.5	
06/07/14					49.7	9.8	
06/08/14					57.5	14.2	
06/09/14					54.1	12.3	
06/10/14					46.0	7.8	
06/11/14					58.5	14.7	
06/12/14					74.0	23.3	
06/13/14					58.7	14.8	
06/14/14					69.2	20.7	
06/15/14					61.5	16.4	
06/16/14					68.6	20.3	
06/17/14					53.4	11.9	
06/18/14					56.4	13.6	
06/19/14					50.5	10.3	
06/20/14					53.4	11.9	
06/21/14					60.4	15.8	
06/22/14					64.0	17.8	
06/23/14					67.8	19.9	
06/24/14					62.3	16.8	
06/25/14					60.7	15.9	
06/26/14					70.9	21.6	
06/27/14					61.5	16.4	
06/28/14					66.2	19.0	
06/29/14					63.9	17.7	
06/30/14					61.2	16.2	
07/01/14					57.8	14.3	
07/02/14					55.3	12.9	
07/03/14					63.4	17.4	
07/04/14					62.2	16.8	
07/05/14					62.3	16.8	
07/06/14					61.2	16.2	
07/07/14					62.5	16.9	
07/08/14					63.7	17.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69445 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.1	17.8	
07/10/14					56.6	13.7	
07/11/14					68.0	20.0	
07/12/14					63.2	17.3	
07/13/14					60.4	15.8	
07/14/14					63.2	17.3	
07/15/14					61.3	16.3	
07/16/14					67.3	19.6	
07/17/14					59.2	15.1	
07/18/14					70.0	21.1	
07/19/14					57.9	14.4	
07/20/14					55.7	13.2	
07/21/14					65.9	18.8	
07/22/14					69.0	20.6	
07/23/14					67.1	19.5	
07/24/14	133	192	4067	222	67.5	19.7	
07/25/14	115	260	4642	250	67.7	19.8	
07/26/14	133	322	4603	226	58.6	14.8	
07/27/14	131	282	4667	237	63.3	17.4	
07/28/14	151	295	4951	276	76.8	24.9	c2
07/29/14	147	314	4892	271	72.1	22.3	
07/30/14	141	293	4941	296	64.4	18.0	
07/31/14					64.5	18.1	
08/01/14					63.7	17.6	
08/02/14					62.8	17.1	
08/03/14					60.4	15.8	
08/04/14					71.5	21.9	
08/05/14					61.6	16.4	
08/06/14					69.4	20.8	
08/07/14					68.3	20.2	
08/08/14					63.3	17.4	
08/09/14					61.7	16.5	
08/10/14					65.4	18.6	
08/11/14					69.0	20.6	
08/12/14					73.7	23.2	
08/13/14					69.4	20.8	
08/14/14					66.2	19.0	
08/15/14					62.3	16.8	
08/16/14					62.1	16.7	
08/17/14					63.6	17.6	
08/18/14					72.3	22.4	
08/19/14					73.9	23.3	
08/20/14					70.1	21.2	
08/21/14					74.0	23.3	
08/22/14					63.3	17.4	
08/23/14					56.7	13.7	
08/24/14					61.2	16.2	
08/25/14					69.8	21.0	
08/26/14					67.1	19.5	
08/27/14					64.2	17.9	
08/28/14					70.8	21.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69445 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.3	15.2	
08/30/14					60.0	15.6	
08/31/14					63.4	17.4	
09/01/14					70.1	21.2	
09/02/14					73.3	22.9	
09/03/14					74.3	23.5	
09/04/14					69.1	20.6	
09/05/14					62.4	16.9	
09/06/14					61.3	16.3	
09/07/14					57.5	14.2	
09/08/14					61.8	16.6	
09/09/14					68.1	20.1	
09/10/14					68.1	20.1	
09/11/14					68.4	20.2	
09/12/14					59.6	15.3	
09/13/14					54.5	12.5	
09/14/14					57.8	14.3	
09/15/14					59.0	15.0	
09/16/14					69.4	20.8	
09/17/14					64.2	17.9	
09/18/14					73.0	22.8	
09/19/14					59.6	15.3	
09/20/14					60.2	15.7	
09/21/14					61.8	16.6	
09/22/14					62.2	16.8	
09/23/14					62.7	17.1	
09/24/14					71.7	22.1	
09/25/14					69.4	20.8	
09/26/14					58.7	14.8	
09/27/14	211	278	5119	277	59.7	15.4	
09/28/14					57.9	14.4	
09/29/14					64.3	17.9	
09/30/14					64.4	18.0	
10/01/14					66.3	19.1	
10/02/14					61.5	16.4	
10/03/14					52.5	11.4	
10/04/14					51.6	10.9	
10/05/14					50.2	10.1	
10/06/14					70.1	21.2	
10/07/14					60.3	15.7	
10/08/14					61.5	16.4	
10/09/14					60.8	16.0	
10/10/14					57.1	13.9	
10/11/14					55.2	12.9	
10/12/14					55.0	12.8	
10/13/14					54.1	12.3	
10/14/14	236	380	5682	392	56.4	13.6	
10/15/14					64.1	17.8	
10/16/14					61.1	16.2	
10/17/14					56.3	13.5	
10/18/14					56.6	13.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69445 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					54.7	12.6	
10/20/14					54.6	12.6	
10/21/14					58.8	14.9	
10/22/14					64.3	17.9	
10/23/14					59.0	15.0	
10/24/14					55.2	12.9	
10/25/14					52.2	11.2	
10/26/14					56.4	13.6	
10/27/14					63.0	17.2	
10/28/14					56.2	13.4	
10/29/14					53.8	12.1	
10/30/14					55.2	12.9	
10/31/14					53.3	11.8	
11/01/14					53.9	12.2	
11/02/14					53.9	12.2	
11/03/14					59.9	15.5	
11/04/14	185	214	3706	226	56.7	13.7	
11/05/14					58.5	14.7	
11/06/14					62.4	16.9	
11/07/14					55.3	12.9	
11/08/14					53.9	12.2	
11/09/14					53.1	11.7	
11/10/14					63.9	17.7	
11/11/14					54.0	12.2	
11/12/14					53.7	12.1	
11/13/14					52.7	11.5	
11/14/14					52.5	11.4	
11/15/14					51.9	11.1	
11/16/14					51.9	11.1	
11/17/14					52.9	11.6	
11/18/14					51.9	11.1	
11/19/14					52.3	11.3	
11/20/14					54.8	12.7	
11/21/14					51.4	10.8	
11/22/14					49.6	9.8	
11/23/14					54.3	12.4	
11/24/14					53.5	11.9	
11/25/14					50.9	10.5	
11/26/14					51.8	11.0	
11/27/14					51.0	10.6	
11/28/14					52.0	11.1	
11/29/14					52.6	11.4	
11/30/14					53.7	12.1	
12/01/14					55.6	13.1	
12/02/14	230	304	4909	384	53.7	12.1	
12/03/14					54.9	12.7	
12/04/14					53.7	12.1	
12/05/14					52.2	11.2	
12/06/14					52.3	11.3	
12/07/14					52.8	11.6	
12/08/14					54.2	12.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69445 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					53.9	12.2	
12/10/14					56.6	13.7	
12/11/14					55.0	12.8	
12/12/14					52.6	11.4	
12/13/14					52.0	11.1	
12/14/14					52.5	11.4	
12/15/14							
12/16/14							
12/17/14					51.2	10.7	
12/18/14					52.7	11.5	
12/19/14					51.2	10.7	
12/20/14					45.8	7.7	
12/21/14					50.1	10.1	
12/22/14					55.3	12.9	
12/23/14					51.1	10.6	
12/24/14					47.0	8.3	
12/25/14					51.7	10.9	
12/26/14					50.9	10.5	
12/27/14					41.8	5.4	
12/28/14					40.3	4.6	
12/29/14					41.4	5.2	
12/30/14					45.3	7.4	
12/31/14					42.1	5.6	
01/01/15					44.5	6.9	
01/02/15					41.0	5.0	
01/03/15					43.0	6.1	
01/04/15					42.1	5.6	
01/05/15					52.7	11.5	
01/06/15	244	325	4783	318	55.4	13.0	
01/07/15					55.3	12.9	
01/08/15					50.6	10.3	
01/09/15					51.4	10.8	
01/10/15					48.8	9.3	
01/11/15					50.3	10.2	
01/12/15					52.2	11.2	
01/13/15					51.7	10.9	
01/14/15					52.0	11.1	
01/15/15					53.1	11.7	
01/16/15					46.0	7.8	
01/17/15					47.9	8.8	
01/18/15					45.7	7.6	
01/19/15					47.9	8.8	
01/20/15					52.9	11.6	
01/21/15					52.7	11.5	
01/22/15					52.2	11.2	
01/23/15					43.1	6.2	
01/24/15					45.5	7.5	
01/25/15					47.2	8.4	
01/26/15					57.3	14.1	
01/27/15					54.5	12.5	
01/28/15					58.5	14.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69445 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					53.3	11.8	
01/30/15					51.8	11.0	
01/31/15					52.1	11.2	
02/01/15					48.6	9.2	
02/02/15					53.3	11.8	
02/03/15	261	390	5112	363	53.0	11.7	

Maximum	261	390	5682	392	76.8	24.9	
Minimum	115	192	3706	222	35.2	1.8	

Average	178	296	4775	288	57.9	14.4	
Std Dev	49	53	468	58	7.8	4.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69519 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.6	2.6	
05/20/14					38.6	3.7	
05/21/14					39.8	4.3	
05/22/14					48.0	8.9	
05/23/14					46.3	7.9	
05/24/14					65.0	18.3	
05/25/14					60.0	15.6	
05/26/14					52.3	11.3	
05/27/14					53.7	12.1	
05/28/14					61.1	16.2	
05/29/14					62.2	16.8	
05/30/14					57.6	14.2	
05/31/14					54.1	12.3	
06/01/14					46.0	7.8	
06/02/14					56.2	13.4	
06/03/14					59.9	15.5	
06/04/14					58.8	14.9	
06/05/14					57.3	14.1	
06/06/14					56.1	13.4	
06/07/14					48.6	9.2	
06/08/14					53.6	12.0	
06/09/14					48.1	8.9	
06/10/14					46.0	7.8	
06/11/14					52.2	11.2	
06/12/14					57.1	13.9	
06/13/14					64.7	18.2	
06/14/14					69.6	20.9	
06/15/14					66.7	19.3	
06/16/14					71.3	21.8	
06/17/14					61.8	16.6	
06/18/14					62.0	16.7	
06/19/14					59.8	15.4	
06/20/14					60.9	16.1	
06/21/14					68.0	20.0	
06/22/14					65.7	18.7	
06/23/14					69.9	21.1	
06/24/14					64.8	18.2	
06/25/14					64.6	18.1	
06/26/14					70.7	21.5	
06/27/14					64.6	18.1	
06/28/14					68.5	20.3	
06/29/14					65.4	18.6	
06/30/14					65.0	18.3	
07/01/14					65.0	18.3	
07/02/14					63.5	17.5	
07/03/14					66.1	18.9	
07/04/14					64.4	18.0	
07/05/14					64.7	18.2	
07/06/14					63.1	17.3	
07/07/14					67.8	19.9	
07/08/14					66.6	19.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69519 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.4	20.8	
07/10/14					64.1	17.8	
07/11/14					69.2	20.7	
07/12/14					64.8	18.2	
07/13/14					64.5	18.1	
07/14/14					66.1	18.9	
07/15/14					65.4	18.6	
07/16/14					68.1	20.1	
07/17/14	147	97	1276	729	64.4	18.0	
07/18/14	136	103	1454	827	70.9	21.6	
07/19/14	97	58	1206	675	63.7	17.6	
07/20/14	173	112	1703	929	61.8	16.6	
07/21/14	185	75	1675	926	68.7	20.4	
07/22/14	189	110	1860	1048	69.3	20.7	
07/23/14	198	126	1841	1045	69.6	20.9	
07/24/14					68.7	20.4	
07/25/14					68.6	20.3	
07/26/14					64.6	18.1	
07/27/14					66.3	19.1	
07/28/14					60.9	16.1	
07/29/14					68.8	20.4	
07/30/14					62.6	17.0	
07/31/14					64.1	17.8	
08/01/14					63.5	17.5	
08/02/14					62.9	17.2	
08/03/14					61.3	16.3	
08/04/14					68.9	20.5	
08/05/14					63.2	17.3	
08/06/14					66.5	19.2	
08/07/14					65.8	18.8	
08/08/14					62.4	16.9	
08/09/14					62.8	17.1	
08/10/14					63.8	17.7	
08/11/14					65.8	18.8	
08/12/14					70.5	21.4	
08/13/14					67.5	19.7	
08/14/14					64.5	18.1	
08/15/14					62.2	16.8	
08/16/14					62.1	16.7	
08/17/14					64.0	17.8	
08/18/14					69.2	20.7	
08/19/14					70.7	21.5	
08/20/14					67.7	19.8	
08/21/14					71.0	21.7	
08/22/14					63.4	17.4	
08/23/14					57.8	14.3	
08/24/14					59.7	15.4	
08/25/14					68.3	20.2	
08/26/14					64.4	18.0	
08/27/14					65.4	18.6	
08/28/14					68.0	20.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69519 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.1	15.6	
08/30/14					60.0	15.6	
08/31/14					61.6	16.4	
09/01/14					67.2	19.6	
09/02/14					69.9	21.1	
09/03/14					70.7	21.5	
09/04/14					66.3	19.1	
09/05/14					62.8	17.1	
09/06/14					62.3	16.8	
09/07/14					58.8	14.9	
09/08/14					62.1	16.7	
09/09/14					66.5	19.2	
09/10/14					65.6	18.7	
09/11/14					66.1	18.9	
09/12/14					59.6	15.3	
09/13/14					56.2	13.4	
09/14/14					58.8	14.9	
09/15/14					59.9	15.5	
09/16/14					66.7	19.3	
09/17/14					64.2	17.9	
09/18/14					69.0	20.6	
09/19/14					60.4	15.8	
09/20/14					61.2	16.2	
09/21/14					62.6	17.0	
09/22/14					62.9	17.2	
09/23/14					62.5	16.9	
09/24/14					68.2	20.1	
09/25/14					66.6	19.2	
09/26/14					59.5	15.3	
09/27/14					60.1	15.6	
09/28/14	180	169	3248	1474	58.5	14.7	
09/29/14					63.3	17.4	
09/30/14					63.1	17.3	
10/01/14					63.8	17.7	
10/02/14					62.0	16.7	
10/03/14					50.9	10.5	
10/04/14					51.6	10.9	
10/05/14					51.1	10.6	
10/06/14					67.1	19.5	
10/07/14					60.1	15.6	
10/08/14					61.6	16.4	
10/09/14					60.8	16.0	
10/10/14					59.7	15.4	
10/11/14					58.2	14.6	
10/12/14					57.6	14.2	
10/13/14					56.2	13.4	
10/14/14					57.5	14.2	
10/15/14					63.9	17.7	
10/16/14					60.3	15.7	
10/17/14					57.8	14.3	
10/18/14					58.9	14.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69519 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.5	14.2	
10/20/14					57.2	14.0	
10/21/14					59.7	15.4	
10/22/14	274	287	4001	1664	64.5	18.1	
10/23/14					59.8	15.4	
10/24/14					57.0	13.9	
10/25/14					56.4	13.6	
10/26/14					58.8	14.9	
10/27/14					62.6	17.0	
10/28/14					57.8	14.3	
10/29/14					56.6	13.7	
10/30/14					57.1	13.9	
10/31/14					55.8	13.2	
11/01/14					56.8	13.8	
11/02/14					56.5	13.6	
11/03/14					57.8	14.3	
11/04/14					47.4	8.6	
11/05/14					53.1	11.7	
11/06/14					51.9	11.1	
11/07/14					44.1	6.7	
11/08/14					46.8	8.2	
11/09/14					43.2	6.2	
11/10/14					54.2	12.3	
11/11/14					45.6	7.6	
11/12/14	254	250	3841	1515	41.0	5.0	
11/13/14					53.6	12.0	
11/14/14					55.1	12.8	
11/15/14					55.9	13.3	
11/16/14					54.2	12.3	
11/17/14					44.4	6.9	
11/18/14					51.9	11.1	
11/19/14					55.5	13.1	
11/20/14					57.0	13.9	
11/21/14					53.6	12.0	
11/22/14					52.6	11.4	
11/23/14					52.1	11.2	
11/24/14					54.7	12.6	
11/25/14					53.4	11.9	
11/26/14					53.7	12.1	
11/27/14					53.3	11.8	
11/28/14					54.0	12.2	
11/29/14					54.4	12.4	
11/30/14					55.8	13.2	
12/01/14					56.4	13.6	
12/02/14					56.8	13.8	
12/03/14					56.8	13.8	
12/04/14					56.0	13.3	
12/05/14					55.0	12.8	
12/06/14					56.2	13.4	
12/07/14					55.9	13.3	
12/08/14					55.9	13.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69519 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.8	13.2	
12/10/14	205	291	4071	1426	58.1	14.5	
12/11/14					55.0	12.8	
12/12/14					54.6	12.6	
12/13/14					55.7	13.2	
12/14/14					55.3	12.9	
12/15/14					55.1	12.8	
12/16/14							
12/17/14					55.0	12.8	
12/18/14					55.5	13.1	
12/19/14					52.4	11.3	
12/20/14					49.7	9.8	
12/21/14					53.0	11.7	
12/22/14					57.4	14.1	
12/23/14					54.8	12.7	
12/24/14					50.0	10.0	
12/25/14					53.2	11.8	
12/26/14					53.3	11.8	
12/27/14					46.6	8.1	
12/28/14					45.5	7.5	
12/29/14					46.5	8.1	
12/30/14					48.9	9.4	
12/31/14					46.2	7.9	
01/01/15					48.1	8.9	
01/02/15					45.7	7.6	
01/03/15					46.6	8.1	
01/04/15					46.6	8.1	
01/05/15					53.4	11.9	
01/06/15					56.2	13.4	
01/07/15					56.2	13.4	
01/08/15					53.6	12.0	
01/09/15					54.0	12.2	
01/10/15					52.7	11.5	
01/11/15					53.1	11.7	
01/12/15					53.0	11.7	
01/13/15					53.8	12.1	
01/14/15	252	265	3950	1341	55.1	12.8	
01/15/15					54.2	12.3	
01/16/15					49.1	9.5	
01/17/15					50.5	10.3	
01/18/15					49.2	9.6	
01/19/15					51.1	10.6	
01/20/15					55.4	13.0	
01/21/15					54.8	12.7	
01/22/15					50.3	10.2	
01/23/15					46.9	8.3	
01/24/15					48.7	9.3	
01/25/15					49.9	9.9	
01/26/15					58.7	14.8	
01/27/15					56.6	13.7	
01/28/15					60.0	15.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69519 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.0	13.3	
01/30/15					54.5	12.5	
01/31/15					55.2	12.9	
02/01/15					51.8	11.0	
02/02/15					55.4	13.0	
02/03/15					54.8	12.7	

Maximum	274	291	4071	1664	71.3	21.8	
Minimum	97	58	1206	675	36.6	2.6	

Average	191	162	2511	1133	58.6	14.8	
Std Dev	49	83	1140	321	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69520 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.4	1.3	
05/20/14					40.9	4.9	
05/21/14					41.0	5.0	
05/22/14					46.8	8.2	
05/23/14					45.5	7.5	
05/24/14					62.7	17.1	
05/25/14					53.3	11.8	
05/26/14					47.5	8.6	
05/27/14					57.5	14.2	
05/28/14					60.6	15.9	
05/29/14					63.0	17.2	
05/30/14					59.9	15.5	
05/31/14					55.9	13.3	
06/01/14					46.5	8.1	
06/02/14					58.0	14.4	
06/03/14					60.2	15.7	
06/04/14					59.5	15.3	
06/05/14					52.1	11.2	
06/06/14					60.9	16.1	
06/07/14					46.1	7.8	
06/08/14					55.3	12.9	
06/09/14					48.6	9.2	
06/10/14					45.3	7.4	
06/11/14					52.8	11.6	
06/12/14					71.9	22.2	
06/13/14					56.8	13.8	
06/14/14					66.8	19.3	
06/15/14					58.7	14.8	
06/16/14					67.3	19.6	
06/17/14					53.1	11.7	
06/18/14	27	0	698	0	57.3	14.1	
06/19/14	71	0	186	140	53.9	12.2	
06/20/14	12	0	159	0	53.2	11.8	
06/21/14	78	0	155	106	58.4	14.7	
06/22/14	92	0	260	107	59.6	15.3	
06/23/14	92	0	259	117	66.5	19.2	
06/24/14					58.9	14.9	
06/25/14					59.1	15.1	
06/26/14	78	0	228	99	68.8	20.4	a1, c2
06/27/14	96	0	186	115	59.9	15.5	
06/28/14	74	0	295	103	61.9	16.6	
06/29/14	80	0	260	91	60.6	15.9	
06/30/14	97	0	313	139	60.1	15.6	c3
07/01/14	93	0	324	115	55.2	12.9	
07/02/14	79	0	253	88	54.3	12.4	c1
07/03/14	80	0	231	111	61.2	16.2	
07/04/14	79	0	275	133	60.2	15.7	
07/05/14	86	0	309	124	59.3	15.2	
07/06/14	80	0	288	110	58.4	14.7	
07/07/14	86	0	336	119	60.0	15.6	
07/08/14	83	0	379	148	59.7	15.4	c3

Remediated Nitrate Salt Container Headspace Gas Analysis

	69520 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14	85	0	326	166	64.5	18.1	
07/10/14	84	0	463	216	56.7	13.7	
07/11/14	80	0	279	128	65.4	18.6	
07/12/14	79	0	318	174	62.0	16.7	
07/13/14	77	0	328	140	58.0	14.4	
07/14/14	90	0	419	175	60.2	15.7	c3
07/15/14	88	0	333	178	59.6	15.3	
07/16/14	69	0	327	135	66.9	19.4	
07/17/14					56.9	13.8	
07/18/14					67.9	19.9	
07/19/14					55.0	12.8	
07/20/14					53.9	12.2	
07/21/14					64.7	18.2	
07/22/14					66.0	18.9	
07/23/14					63.7	17.6	
07/24/14					65.3	18.5	
07/25/14					62.1	16.7	
07/26/14					56.1	13.4	
07/27/14					62.2	16.8	
07/28/14					73.6	23.1	
07/29/14					70.0	21.1	
07/30/14					63.5	17.5	
07/31/14					63.5	17.5	
08/01/14					63.0	17.2	
08/02/14					62.2	16.8	
08/03/14					60.9	16.1	
08/04/14					69.9	21.1	
08/05/14					61.2	16.2	
08/06/14					67.1	19.5	
08/07/14					66.7	19.3	
08/08/14					63.0	17.2	
08/09/14					61.8	16.6	
08/10/14					64.4	18.0	
08/11/14					67.0	19.4	
08/12/14					71.7	22.1	
08/13/14					67.8	19.9	
08/14/14					64.8	18.2	
08/15/14					61.9	16.6	
08/16/14					62.0	16.7	
08/17/14					63.0	17.2	
08/18/14					70.6	21.4	
08/19/14					72.7	22.6	
08/20/14					68.2	20.1	
08/21/14					72.0	22.2	
08/22/14					63.0	17.2	
08/23/14					57.5	14.2	
08/24/14					61.3	16.3	
08/25/14					68.9	20.5	
08/26/14					66.0	18.9	
08/27/14					63.4	17.4	
08/28/14					69.4	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69520 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.0	15.6	
08/30/14					61.0	16.1	
08/31/14					62.4	16.9	
09/01/14					68.1	20.1	
09/02/14					71.5	21.9	
09/03/14					72.9	22.7	
09/04/14					67.5	19.7	
09/05/14					62.1	16.7	
09/06/14					61.3	16.3	
09/07/14					58.7	14.8	
09/08/14					61.3	16.3	
09/09/14					67.2	19.6	
09/10/14					67.0	19.4	
09/11/14					67.2	19.6	
09/12/14					60.1	15.6	
09/13/14					55.0	12.8	
09/14/14					58.5	14.7	
09/15/14					59.9	15.5	
09/16/14					67.8	19.9	
09/17/14					63.9	17.7	
09/18/14					70.8	21.6	
09/19/14					60.4	15.8	
09/20/14					60.3	15.7	
09/21/14					61.7	16.5	
09/22/14					62.6	17.0	
09/23/14					62.7	17.1	
09/24/14					69.7	20.9	
09/25/14					68.6	20.3	
09/26/14					59.5	15.3	
09/27/14					60.1	15.6	
09/28/14	80	126	1148	380	59.1	15.1	
09/29/14					64.4	18.0	
09/30/14					63.5	17.5	
10/01/14					65.4	18.6	
10/02/14					61.7	16.5	
10/03/14					52.8	11.6	
10/04/14					52.7	11.5	
10/05/14					51.8	11.0	
10/06/14					69.4	20.8	
10/07/14					60.4	15.8	
10/08/14					61.5	16.4	
10/09/14					60.5	15.8	
10/10/14					58.1	14.5	
10/11/14					56.4	13.6	
10/12/14					56.3	13.5	
10/13/14					55.9	13.3	
10/14/14	91	126	1249	409	57.1	13.9	
10/15/14					64.6	18.1	
10/16/14					60.5	15.8	
10/17/14					57.0	13.9	
10/18/14					58.0	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69520 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.2	13.4	
10/20/14					55.9	13.3	
10/21/14					59.4	15.2	
10/22/14					63.8	17.7	
10/23/14					59.1	15.1	
10/24/14					56.0	13.3	
10/25/14					55.2	12.9	
10/26/14					57.4	14.1	
10/27/14					62.6	17.0	
10/28/14					56.7	13.7	
10/29/14					55.3	12.9	
10/30/14					56.3	13.5	
10/31/14					55.3	12.9	
11/01/14					55.2	12.9	
11/02/14					55.0	12.8	
11/03/14					60.0	15.6	
11/04/14					57.2	14.0	
11/05/14	65	51	1284	362	58.7	14.8	
11/06/14					62.2	16.8	
11/07/14					55.8	13.2	
11/08/14					55.3	12.9	
11/09/14					54.2	12.3	
11/10/14					63.7	17.6	
11/11/14					55.6	13.1	
11/12/14					54.7	12.6	
11/13/14					53.8	12.1	
11/14/14					54.4	12.4	
11/15/14					54.1	12.3	
11/16/14					53.8	12.1	
11/17/14					53.7	12.1	
11/18/14					52.6	11.4	
11/19/14					54.5	12.5	
11/20/14					55.9	13.3	
11/21/14					53.3	11.8	
11/22/14					51.8	11.0	
11/23/14					54.2	12.3	
11/24/14					54.3	12.4	
11/25/14					52.1	11.2	
11/26/14					53.3	11.8	
11/27/14					52.6	11.4	
11/28/14					53.3	11.8	
11/29/14					55.1	12.8	
11/30/14					55.0	12.8	
12/01/14					56.0	13.3	
12/02/14	94	165	1432	412	55.0	12.8	
12/03/14					56.0	13.3	
12/04/14					55.0	12.8	
12/05/14					53.8	12.1	
12/06/14					53.6	12.0	
12/07/14					54.3	12.4	
12/08/14					55.4	13.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69520 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.7	12.6	
12/10/14					57.0	13.9	
12/11/14					56.1	13.4	
12/12/14					53.9	12.2	
12/13/14					53.3	11.8	
12/14/14					53.9	12.2	
12/15/14							
12/16/14							
12/17/14					51.3	10.7	
12/18/14					54.0	12.2	
12/19/14					50.7	10.4	
12/20/14					47.5	8.6	
12/21/14					51.8	11.0	
12/22/14					56.2	13.4	
12/23/14					52.2	11.2	
12/24/14					48.0	8.9	
12/25/14					52.4	11.3	
12/26/14					51.9	11.1	
12/27/14					44.3	6.8	
12/28/14					42.4	5.8	
12/29/14					43.6	6.4	
12/30/14					47.2	8.4	
12/31/14					44.1	6.7	
01/01/15					45.9	7.7	
01/02/15					43.8	6.6	
01/03/15					44.7	7.1	
01/04/15					44.9	7.2	
01/05/15					52.4	11.3	
01/06/15	94	112	1618	447	56.1	13.4	
01/07/15					56.1	13.4	
01/08/15					52.2	11.2	
01/09/15					53.2	11.8	
01/10/15					51.2	10.7	
01/11/15					51.6	10.9	
01/12/15					53.8	12.1	
01/13/15					52.9	11.6	
01/14/15					53.7	12.1	
01/15/15					54.0	12.2	
01/16/15					47.8	8.8	
01/17/15					49.5	9.7	
01/18/15					48.0	8.9	
01/19/15					50.5	10.3	
01/20/15					53.7	12.1	
01/21/15					53.8	12.1	
01/22/15					53.0	11.7	
01/23/15					44.3	6.8	
01/24/15					47.6	8.7	
01/25/15					49.0	9.4	
01/26/15					57.6	14.2	
01/27/15					55.8	13.2	
01/28/15					58.2	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69520 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.7	12.6	
01/30/15					53.6	12.0	
01/31/15					53.2	11.8	
02/01/15					50.2	10.1	
02/02/15					54.3	12.4	
02/03/15	90	111	1622	475	53.1	11.7	

Maximum	97	165	1622	475	73.6	23.1	
Minimum	12	0	155	0	34.4	1.3	

Average	80	21	501	175	57.8	14.3	
Std Dev	17	47	437	121	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69548 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.6	1.4	
05/20/14					43.0	6.1	
05/21/14					43.9	6.6	
05/22/14					49.2	9.6	
05/23/14					46.2	7.9	
05/24/14					62.4	16.9	
05/25/14					59.2	15.1	
05/26/14					53.2	11.8	
05/27/14					53.3	11.8	
05/28/14					60.9	16.1	
05/29/14					62.3	16.8	
05/30/14					58.5	14.7	
05/31/14					53.6	12.0	
06/01/14					45.6	7.6	
06/02/14					55.5	13.1	
06/03/14					59.5	15.3	
06/04/14					59.0	15.0	
06/05/14					58.2	14.6	
06/06/14					56.8	13.8	
06/07/14					48.3	9.1	
06/08/14					54.2	12.3	
06/09/14					47.6	8.7	
06/10/14					45.9	7.7	
06/11/14					50.0	10.0	
06/12/14					55.6	13.1	
06/13/14					65.0	18.3	
06/14/14					69.6	20.9	
06/15/14					67.2	19.6	
06/16/14					71.5	21.9	
06/17/14					62.1	16.7	
06/18/14					62.3	16.8	
06/19/14					60.8	16.0	
06/20/14					61.2	16.2	
06/21/14					68.2	20.1	
06/22/14					66.3	19.1	
06/23/14					69.5	20.8	
06/24/14					64.7	18.2	
06/25/14					64.6	18.1	
06/26/14					72.4	22.4	
06/27/14					64.8	18.2	
06/28/14					69.3	20.7	
06/29/14					66.2	19.0	
06/30/14					64.9	18.3	
07/01/14					65.3	18.5	
07/02/14					63.9	17.7	
07/03/14					66.1	18.9	
07/04/14					65.0	18.3	
07/05/14					64.6	18.1	
07/06/14					63.4	17.4	
07/07/14					68.0	20.0	
07/08/14					67.0	19.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69548 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.2	20.7	
07/10/14					63.5	17.5	
07/11/14					69.0	20.6	
07/12/14					65.6	18.7	
07/13/14					65.0	18.3	
07/14/14					66.4	19.1	
07/15/14					65.7	18.7	
07/16/14					68.8	20.4	
07/17/14	11	0	1310	367	64.8	18.2	
07/18/14	7	0	1080	310	71.1	21.7	
07/19/14	8	0	1255	314	64.3	17.9	
07/20/14	10	0	1237	382	62.2	16.8	
07/21/14	9	0	1376	349	69.1	20.6	
07/22/14	16	0	1544	413	70.4	21.3	
07/23/14	8	0	1356	314	69.4	20.8	
07/24/14					69.7	20.9	
07/25/14					68.6	20.3	
07/26/14					65.0	18.3	
07/27/14					66.4	19.1	
07/28/14					70.6	21.4	
07/29/14					69.4	20.8	
07/30/14					63.7	17.6	
07/31/14					64.2	17.9	
08/01/14					64.2	17.9	
08/02/14					63.2	17.3	
08/03/14					61.5	16.4	
08/04/14					69.1	20.6	
08/05/14					62.6	17.0	
08/06/14					67.3	19.6	
08/07/14					66.8	19.3	
08/08/14					62.9	17.2	
08/09/14					62.6	17.0	
08/10/14					63.9	17.7	
08/11/14					66.4	19.1	
08/12/14					71.2	21.8	
08/13/14					67.8	19.9	
08/14/14					64.8	18.2	
08/15/14					62.5	16.9	
08/16/14					62.9	17.2	
08/17/14					63.7	17.6	
08/18/14					69.6	20.9	
08/19/14					71.5	21.9	
08/20/14					68.6	20.3	
08/21/14					71.3	21.8	
08/22/14					63.9	17.7	
08/23/14					58.1	14.5	
08/24/14					60.2	15.7	
08/25/14					69.3	20.7	
08/26/14					65.0	18.3	
08/27/14					65.0	18.3	
08/28/14					68.7	20.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69548 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.0	15.6	
08/30/14					60.5	15.8	
08/31/14					62.1	16.7	
09/01/14					67.7	19.8	
09/02/14					71.2	21.8	
09/03/14					71.5	21.9	
09/04/14					66.5	19.2	
09/05/14					63.1	17.3	
09/06/14					62.7	17.1	
09/07/14					59.6	15.3	
09/08/14					62.6	17.0	
09/09/14					67.4	19.7	
09/10/14					65.7	18.7	
09/11/14					65.8	18.8	
09/12/14					60.1	15.6	
09/13/14					56.5	13.6	
09/14/14					59.1	15.1	
09/15/14					60.2	15.7	
09/16/14					67.1	19.5	
09/17/14					65.3	18.5	
09/18/14					69.7	20.9	
09/19/14					60.7	15.9	
09/20/14					61.4	16.3	
09/21/14					63.1	17.3	
09/22/14					63.2	17.3	
09/23/14					63.1	17.3	
09/24/14					69.6	20.9	
09/25/14					68.2	20.1	
09/26/14					59.9	15.5	
09/27/14					60.4	15.8	
09/28/14					58.9	14.9	
09/29/14					63.6	17.6	
09/30/14	9	0	1989	497	63.7	17.6	
10/01/14					65.4	18.6	
10/02/14					63.2	17.3	
10/03/14					51.8	11.0	
10/04/14					53.2	11.8	
10/05/14					50.6	10.3	
10/06/14					67.8	19.9	
10/07/14					60.4	15.8	
10/08/14					62.0	16.7	
10/09/14					61.7	16.5	
10/10/14					60.7	15.9	
10/11/14					59.1	15.1	
10/12/14					58.4	14.7	
10/13/14					56.4	13.6	
10/14/14					57.3	14.1	
10/15/14					64.3	17.9	
10/16/14					61.1	16.2	
10/17/14	14	0	1950	507	58.3	14.6	
10/18/14					59.7	15.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69548 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					58.1	14.5	
10/20/14					57.4	14.1	
10/21/14					60.8	16.0	
10/22/14					64.9	18.3	
10/23/14					60.3	15.7	
10/24/14					57.7	14.3	
10/25/14					56.5	13.6	
10/26/14					60.0	15.6	
10/27/14					63.3	17.4	
10/28/14					58.2	14.6	
10/29/14					56.1	13.4	
10/30/14					57.0	13.9	
10/31/14					55.9	13.3	
11/01/14					57.1	13.9	
11/02/14					56.9	13.8	
11/03/14					57.9	14.4	
11/04/14					47.3	8.5	
11/05/14					53.6	12.0	
11/06/14					51.3	10.7	
11/07/14					43.6	6.4	
11/08/14					46.3	7.9	
11/09/14					42.6	5.9	
11/10/14					54.3	12.4	
11/11/14					44.8	7.1	
11/12/14					41.2	5.1	
11/13/14					52.1	11.2	
11/14/14	13	0	1858	540	54.1	12.3	
11/15/14					54.8	12.7	
11/16/14					53.6	12.0	
11/17/14					44.5	6.9	
11/18/14					51.1	10.6	
11/19/14					54.8	12.7	
11/20/14					56.2	13.4	
11/21/14					52.2	11.2	
11/22/14					51.5	10.8	
11/23/14					54.1	12.3	
11/24/14					53.4	11.9	
11/25/14					52.0	11.1	
11/26/14					52.5	11.4	
11/27/14					52.7	11.5	
11/28/14					53.2	11.8	
11/29/14					53.3	11.8	
11/30/14					54.7	12.6	
12/01/14					55.6	13.1	
12/02/14					55.1	12.8	
12/03/14					56.2	13.4	
12/04/14					55.7	13.2	
12/05/14					54.3	12.4	
12/06/14					55.1	12.8	
12/07/14					54.6	12.6	
12/08/14					55.6	13.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69548 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.8	12.7	
12/10/14					57.8	14.3	
12/11/14					55.0	12.8	
12/12/14	13	0	1564	404	53.6	12.0	
12/13/14					54.7	12.6	
12/14/14					54.0	12.2	
12/15/14					53.9	12.2	
12/16/14							
12/17/14					54.0	12.2	
12/18/14					54.3	12.4	
12/19/14					50.0	10.0	
12/20/14					47.9	8.8	
12/21/14					51.8	11.0	
12/22/14					56.0	13.3	
12/23/14					53.5	11.9	
12/24/14					48.7	9.3	
12/25/14					51.8	11.0	
12/26/14					52.7	11.5	
12/27/14					45.8	7.7	
12/28/14					44.0	6.7	
12/29/14					44.8	7.1	
12/30/14					46.9	8.3	
12/31/14					44.1	6.7	
01/01/15					46.5	8.1	
01/02/15					45.7	7.6	
01/03/15					46.1	7.8	
01/04/15					46.0	7.8	
01/05/15					51.5	10.8	
01/06/15					54.9	12.7	
01/07/15					55.1	12.8	
01/08/15					52.6	11.4	
01/09/15					52.8	11.6	
01/10/15					51.2	10.7	
01/11/15					52.1	11.2	
01/12/15					55.0	12.8	
01/13/15					52.3	11.3	
01/14/15					54.7	12.6	
01/15/15					52.9	11.6	
01/16/15	13	0	1692	465	47.5	8.6	
01/17/15					49.3	9.6	
01/18/15					47.6	8.7	
01/19/15					49.8	9.9	
01/20/15					54.3	12.4	
01/21/15					54.6	12.6	
01/22/15					49.6	9.8	
01/23/15					45.5	7.5	
01/24/15					47.0	8.3	
01/25/15					48.4	9.1	
01/26/15					58.1	14.5	
01/27/15					55.8	13.2	
01/28/15					59.6	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69548 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.4	13.0	
01/30/15					53.5	11.9	
01/31/15					54.6	12.6	
02/01/15					50.8	10.4	
02/02/15					54.0	12.2	
02/03/15					53.1	11.7	

Maximum	16	0	1989	540	72.4	22.4	
Minimum	7	0	1080	310	34.6	1.4	

Average	11	0	1518	405	58.5	14.7	
Std Dev	3	0	287	77	7.5	4.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69559 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					35.2	1.8	
05/20/14					39.1	3.9	
05/21/14					40.1	4.5	
05/22/14					46.0	7.8	
05/23/14					43.1	6.2	
05/24/14					61.3	16.3	
05/25/14					59.1	15.1	
05/26/14					53.4	11.9	
05/27/14					52.7	11.5	
05/28/14					60.6	15.9	
05/29/14					63.2	17.3	
05/30/14					57.4	14.1	
05/31/14					54.4	12.4	
06/01/14					46.1	7.8	
06/02/14					57.2	14.0	
06/03/14					60.3	15.7	
06/04/14					59.9	15.5	
06/05/14					61.3	16.3	
06/06/14					58.5	14.7	
06/07/14					48.6	9.2	
06/08/14					55.6	13.1	
06/09/14					47.7	8.7	
06/10/14					47.0	8.3	
06/11/14					42.6	5.9	
06/12/14					55.6	13.1	
06/13/14					65.1	18.4	
06/14/14					70.3	21.3	
06/15/14					67.8	19.9	
06/16/14					71.3	21.8	
06/17/14					63.3	17.4	
06/18/14					62.9	17.2	
06/19/14					60.4	15.8	
06/20/14					61.2	16.2	
06/21/14					69.0	20.6	
06/22/14					66.9	19.4	
06/23/14					70.0	21.1	
06/24/14					64.7	18.2	
06/25/14					65.4	18.6	
06/26/14					72.7	22.6	
06/27/14					64.9	18.3	
06/28/14					69.4	20.8	
06/29/14					66.5	19.2	
06/30/14					65.4	18.6	
07/01/14					65.8	18.8	
07/02/14					64.3	17.9	
07/03/14					66.2	19.0	
07/04/14					65.7	18.7	
07/05/14					65.3	18.5	
07/06/14					63.6	17.6	
07/07/14					68.6	20.3	
07/08/14					67.2	19.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69559 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.9	21.1	
07/10/14					64.4	18.0	
07/11/14					69.9	21.1	
07/12/14					66.0	18.9	
07/13/14					65.3	18.5	
07/14/14					67.4	19.7	
07/15/14					66.6	19.2	
07/16/14					68.9	20.5	
07/17/14	225	498	6809	1247	66.0	18.9	
07/18/14	230	587	7097	1311	72.1	22.3	
07/19/14	216	622	7043	1288	64.9	18.3	
07/20/14	237	613	7591	1387	62.8	17.1	
07/21/14	214	517	7252	1360	69.5	20.8	
07/22/14	253	649	8114	1450	70.7	21.5	
07/23/14	196	520	6519	1170	70.2	21.2	
07/24/14					69.7	20.9	
07/25/14					69.0	20.6	
07/26/14					65.2	18.4	
07/27/14					67.2	19.6	
07/28/14					71.4	21.9	
07/29/14					69.5	20.8	
07/30/14					64.0	17.8	
07/31/14					64.5	18.1	
08/01/14					65.0	18.3	
08/02/14					63.8	17.7	
08/03/14					61.6	16.4	
08/04/14					69.5	20.8	
08/05/14					62.7	17.1	
08/06/14					67.9	19.9	
08/07/14					66.6	19.2	
08/08/14					62.7	17.1	
08/09/14					63.6	17.6	
08/10/14					64.6	18.1	
08/11/14					67.2	19.6	
08/12/14					71.3	21.8	
08/13/14					68.2	20.1	
08/14/14					65.0	18.3	
08/15/14					63.3	17.4	
08/16/14					63.0	17.2	
08/17/14					64.0	17.8	
08/18/14					70.6	21.4	
08/19/14					72.2	22.3	
08/20/14					68.6	20.3	
08/21/14					71.9	22.2	
08/22/14					64.2	17.9	
08/23/14					58.2	14.6	
08/24/14					60.4	15.8	
08/25/14					69.8	21.0	
08/26/14					65.3	18.5	
08/27/14					64.7	18.2	
08/28/14					69.1	20.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69559 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.1	15.6	
08/30/14					60.8	16.0	
08/31/14					62.3	16.8	
09/01/14					68.0	20.0	
09/02/14					70.8	21.6	
09/03/14					73.2	22.9	
09/04/14					67.1	19.5	
09/05/14					63.6	17.6	
09/06/14					63.1	17.3	
09/07/14					59.0	15.0	
09/08/14					62.7	17.1	
09/09/14					67.2	19.6	
09/10/14					66.3	19.1	
09/11/14					66.5	19.2	
09/12/14					60.1	15.6	
09/13/14					56.8	13.8	
09/14/14					59.0	15.0	
09/15/14					60.2	15.7	
09/16/14					67.7	19.8	
09/17/14					65.7	18.7	
09/18/14					69.8	21.0	
09/19/14					60.6	15.9	
09/20/14					61.4	16.3	
09/21/14					63.0	17.2	
09/22/14					63.4	17.4	
09/23/14					63.2	17.3	
09/24/14					69.6	20.9	
09/25/14					68.6	20.3	
09/26/14					59.9	15.5	
09/27/14					60.5	15.8	
09/28/14					59.3	15.2	
09/29/14					64.4	18.0	
09/30/14	245	772	10853	2243	63.7	17.6	
10/01/14					64.7	18.2	
10/02/14					63.2	17.3	
10/03/14					52.0	11.1	
10/04/14					52.6	11.4	
10/05/14					51.5	10.8	
10/06/14					68.0	20.0	
10/07/14					60.3	15.7	
10/08/14					62.0	16.7	
10/09/14					61.3	16.3	
10/10/14					60.2	15.7	
10/11/14					58.9	14.9	
10/12/14					58.8	14.9	
10/13/14					56.3	13.5	
10/14/14					57.2	14.0	
10/15/14					64.2	17.9	
10/16/14					60.9	16.1	
10/17/14					58.2	14.6	
10/18/14					59.5	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69559 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					58.0	14.4	
10/20/14					57.6	14.2	
10/21/14	230	565	8728	1739	60.8	16.0	
10/22/14					64.8	18.2	
10/23/14					60.2	15.7	
10/24/14					57.4	14.1	
10/25/14					56.4	13.6	
10/26/14					59.2	15.1	
10/27/14					63.3	17.4	
10/28/14					58.4	14.7	
10/29/14					56.0	13.3	
10/30/14					56.1	13.4	
10/31/14					55.7	13.2	
11/01/14					57.1	13.9	
11/02/14					56.0	13.3	
11/03/14					58.3	14.6	
11/04/14					47.7	8.7	
11/05/14					53.3	11.8	
11/06/14					52.9	11.6	
11/07/14					44.0	6.7	
11/08/14					46.8	8.2	
11/09/14					42.6	5.9	
11/10/14					54.6	12.6	
11/11/14					44.9	7.2	
11/12/14					41.8	5.4	
11/13/14					52.6	11.4	
11/14/14	241	564	8354	1820	54.2	12.3	
11/15/14					54.8	12.7	
11/16/14					53.5	11.9	
11/17/14					44.6	7.0	
11/18/14					50.9	10.5	
11/19/14					54.5	12.5	
11/20/14					55.7	13.2	
11/21/14					52.6	11.4	
11/22/14					51.6	10.9	
11/23/14					54.2	12.3	
11/24/14					53.8	12.1	
11/25/14					51.2	10.7	
11/26/14					52.2	11.2	
11/27/14					51.8	11.0	
11/28/14					53.4	11.9	
11/29/14					53.5	11.9	
11/30/14					55.0	12.8	
12/01/14					56.1	13.4	
12/02/14					54.9	12.7	
12/03/14					56.0	13.3	
12/04/14					55.3	12.9	
12/05/14					54.2	12.3	
12/06/14					55.4	13.0	
12/07/14					54.7	12.6	
12/08/14					55.4	13.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69559 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.7	12.6	
12/10/14					57.4	14.1	
12/11/14					54.4	12.4	
12/12/14	231	527	7371	1595	53.9	12.2	
12/13/14					54.3	12.4	
12/14/14					54.1	12.3	
12/15/14					53.8	12.1	
12/16/14							
12/17/14					53.5	11.9	
12/18/14					53.9	12.2	
12/19/14					50.6	10.3	
12/20/14					48.5	9.2	
12/21/14					51.6	10.9	
12/22/14					56.4	13.6	
12/23/14					52.8	11.6	
12/24/14					49.7	9.8	
12/25/14					51.7	10.9	
12/26/14					52.0	11.1	
12/27/14					45.3	7.4	
12/28/14					44.3	6.8	
12/29/14					44.5	6.9	
12/30/14					47.6	8.7	
12/31/14					44.4	6.9	
01/01/15					46.3	7.9	
01/02/15					43.4	6.3	
01/03/15					45.4	7.4	
01/04/15					46.1	7.8	
01/05/15					51.2	10.7	
01/06/15					55.3	12.9	
01/07/15					55.0	12.8	
01/08/15					51.7	10.9	
01/09/15					52.8	11.6	
01/10/15					51.5	10.8	
01/11/15					52.0	11.1	
01/12/15					55.3	12.9	
01/13/15					52.6	11.4	
01/14/15					54.3	12.4	
01/15/15					52.7	11.5	
01/16/15	270	636	7543	1632	47.6	8.7	
01/17/15					48.9	9.4	
01/18/15					47.6	8.7	
01/19/15					49.7	9.8	
01/20/15					53.9	12.2	
01/21/15					53.3	11.8	
01/22/15					49.9	9.9	
01/23/15					45.6	7.6	
01/24/15					47.6	8.7	
01/25/15					48.8	9.3	
01/26/15					58.2	14.6	
01/27/15					55.4	13.0	
01/28/15					59.3	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69559 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.0	12.2	
01/30/15					53.5	11.9	
01/31/15					54.2	12.3	
02/01/15					50.6	10.3	
02/02/15					53.7	12.1	
02/03/15					53.3	11.8	

Maximum	270	772	10853	2243	73.2	22.9	
Minimum	196	498	6519	1170	35.2	1.8	

Average	232	589	7773	1520	58.6	14.8	
Std Dev	18	73	1113	292	7.8	4.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69568 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.1	1.2	
05/20/14					41.2	5.1	
05/21/14					39.5	4.2	
05/22/14					46.2	7.9	
05/23/14					45.8	7.7	
05/24/14					64.1	17.8	
05/25/14					65.4	18.6	
05/26/14					64.4	18.0	
05/27/14					67.2	19.6	
05/28/14					68.0	20.0	
05/29/14					66.0	18.9	
05/30/14					64.8	18.2	
05/31/14					67.3	19.6	
06/01/14					67.0	19.4	
06/02/14					70.4	21.3	
06/03/14					73.3	22.9	
06/04/14					65.1	18.4	
06/05/14					64.3	17.9	
06/06/14					64.0	17.8	
06/07/14					65.3	18.5	
06/08/14					63.2	17.3	
06/09/14					69.1	20.6	
06/10/14					63.4	17.4	
06/11/14					66.0	18.9	
06/12/14					53.3	11.8	
06/13/14					65.1	18.4	
06/14/14					64.3	17.9	
06/15/14					59.7	15.4	
06/16/14					63.4	17.4	
06/17/14					66.8	19.3	
06/18/14					68.8	20.4	
06/19/14					65.3	18.5	
06/20/14					68.7	20.4	
06/21/14					61.4	16.3	
06/22/14					61.2	16.2	
06/23/14					69.3	20.7	
06/24/14					68.8	20.4	
06/25/14					66.2	19.0	
06/26/14					61.7	16.5	
06/27/14					64.3	17.9	
06/28/14					61.1	16.2	
06/29/14					60.9	16.1	
06/30/14					65.3	18.5	
07/01/14					69.2	20.7	
07/02/14					62.8	17.1	
07/03/14					68.9	20.5	
07/04/14					62.1	16.7	
07/05/14					62.2	16.8	
07/06/14					61.6	16.4	
07/07/14					71.4	21.9	
07/08/14					66.0	18.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69568 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.6	17.6	
07/10/14					67.2	19.6	
07/11/14					67.4	19.7	
07/12/14					63.8	17.7	
07/13/14					61.6	16.4	
07/14/14					65.0	18.3	
07/15/14					63.8	17.7	
07/16/14					65.9	18.8	
07/17/14					63.7	17.6	
07/18/14					70.0	21.1	
07/19/14					63.5	17.5	
07/20/14					62.2	16.8	
07/21/14					67.4	19.7	
07/22/14					69.7	20.9	
07/23/14					66.1	18.9	
07/24/14					67.0	19.4	
07/25/14					63.2	17.3	
07/26/14					66.1	18.9	
07/27/14					63.7	17.6	
07/28/14					68.6	20.3	
07/29/14					66.1	18.9	
07/30/14					61.8	16.6	
07/31/14	23	0	2833	82	62.7	17.1	
08/01/14	70	81	581	458	61.7	16.5	
08/02/14	66	77	676	463	61.6	16.4	
08/03/14	78	112	651	486	61.6	16.4	
08/04/14	74	88	664	509	67.3	19.6	
08/05/14	87	86	894	561	65.8	18.8	
08/06/14	65	50	654	487	65.8	18.8	
08/07/14					66.5	19.2	
08/08/14					59.7	15.4	
08/09/14					62.4	16.9	
08/10/14					62.5	16.9	
08/11/14					65.6	18.7	
08/12/14					71.4	21.9	
08/13/14					67.6	19.8	
08/14/14					65.0	18.3	
08/15/14					61.9	16.6	
08/16/14					62.8	17.1	
08/17/14					62.0	16.7	
08/18/14					69.4	20.8	
08/19/14					70.4	21.3	
08/20/14					67.2	19.6	
08/21/14					69.3	20.7	
08/22/14					60.7	15.9	
08/23/14					59.0	15.0	
08/24/14					62.2	16.8	
08/25/14					68.8	20.4	
08/26/14					64.5	18.1	
08/27/14					62.5	16.9	
08/28/14					69.2	20.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69568 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.2	16.2	
08/30/14					61.2	16.2	
08/31/14					61.9	16.6	
09/01/14					61.3	16.3	
09/02/14					70.0	21.1	
09/03/14					69.2	20.7	
09/04/14					65.3	18.5	
09/05/14					61.9	16.6	
09/06/14					65.8	18.8	
09/07/14					59.2	15.1	
09/08/14					61.9	16.6	
09/09/14					65.7	18.7	
09/10/14					65.8	18.8	
09/11/14					65.7	18.7	
09/12/14					61.5	16.4	
09/13/14					56.5	13.6	
09/14/14					59.0	15.0	
09/15/14					60.5	15.8	
09/16/14					66.0	18.9	
09/17/14					64.0	17.8	
09/18/14					69.0	20.6	
09/19/14					60.6	15.9	
09/20/14					61.7	16.5	
09/21/14					61.7	16.5	
09/22/14					61.4	16.3	
09/23/14					62.5	16.9	
09/24/14					67.9	19.9	
09/25/14					66.7	19.3	
09/26/14	94	126	692	659	59.4	15.2	
09/27/14					61.1	16.2	
09/28/14					60.1	15.6	
09/29/14					63.5	17.5	
09/30/14					61.9	16.6	
10/01/14					63.6	17.6	
10/02/14					60.6	15.9	
10/03/14					52.3	11.3	
10/04/14					51.9	11.1	
10/05/14					51.0	10.6	
10/06/14					66.3	19.1	
10/07/14					59.4	15.2	
10/08/14	89	145	624	529	61.5	16.4	
10/09/14					60.4	15.8	
10/10/14					58.8	14.9	
10/11/14					58.0	14.4	
10/12/14					57.0	13.9	
10/13/14					56.3	13.5	
10/14/14					57.0	13.9	
10/15/14					63.2	17.3	
10/16/14					61.4	16.3	
10/17/14					57.0	13.9	
10/18/14					58.7	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69568 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.2	14.0	
10/20/14					57.0	13.9	
10/21/14					60.0	15.6	
10/22/14					62.3	16.8	
10/23/14					58.6	14.8	
10/24/14					56.7	13.7	
10/25/14					56.0	13.3	
10/26/14					58.2	14.6	
10/27/14					61.8	16.6	
10/28/14					56.4	13.6	
10/29/14					56.5	13.6	
10/30/14					57.4	14.1	
10/31/14					56.4	13.6	
11/01/14					55.8	13.2	
11/02/14					55.6	13.1	
11/03/14					60.1	15.6	
11/04/14					52.6	11.4	
11/05/14					55.8	13.2	
11/06/14					55.1	12.8	
11/07/14					49.1	9.5	
11/08/14					53.6	12.0	
11/09/14					48.4	9.1	
11/10/14					56.5	13.6	
11/11/14	77	162	456	495	51.1	10.6	
11/12/14					45.8	7.7	
11/13/14					51.0	10.6	
11/14/14					54.3	12.4	
11/15/14					57.5	14.2	
11/16/14					55.1	12.8	
11/17/14					48.8	9.3	
11/18/14					54.2	12.3	
11/19/14					56.6	13.7	
11/20/14					56.8	13.8	
11/21/14					51.9	11.1	
11/22/14					51.4	10.8	
11/23/14					56.1	13.4	
11/24/14					53.0	11.7	
11/25/14					50.9	10.5	
11/26/14					52.6	11.4	
11/27/14					50.7	10.4	
11/28/14					53.6	12.0	
11/29/14					53.5	11.9	
11/30/14					57.0	13.9	
12/01/14					56.6	13.7	
12/02/14					56.2	13.4	
12/03/14					56.7	13.7	
12/04/14					54.8	12.7	
12/05/14					55.3	12.9	
12/06/14					57.1	13.9	
12/07/14					56.6	13.7	
12/08/14					55.6	13.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69568 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14	93	164	368	501	55.2	12.9	
12/10/14					55.8	13.2	
12/11/14					55.4	13.0	
12/12/14					54.8	12.7	
12/13/14					55.7	13.2	
12/14/14					55.3	12.9	
12/15/14							
12/16/14							
12/17/14					51.9	11.1	
12/18/14					55.9	13.3	
12/19/14					50.6	10.3	
12/20/14					49.8	9.9	
12/21/14					50.2	10.1	
12/22/14					58.2	14.6	
12/23/14					50.9	10.5	
12/24/14					47.9	8.8	
12/25/14					52.4	11.3	
12/26/14					51.6	10.9	
12/27/14					44.5	6.9	
12/28/14					43.3	6.3	
12/29/14					45.3	7.4	
12/30/14					48.8	9.3	
12/31/14					46.7	8.2	
01/01/15					45.6	7.6	
01/02/15					43.4	6.3	
01/03/15					45.1	7.3	
01/04/15					44.8	7.1	
01/05/15					49.7	9.8	
01/06/15					58.6	14.8	
01/07/15					55.5	13.1	
01/08/15					51.5	10.8	
01/09/15					53.8	12.1	
01/10/15					50.6	10.3	
01/11/15					50.7	10.4	
01/12/15					52.4	11.3	
01/13/15	90	109	368	419	51.4	10.8	
01/14/15					50.9	10.5	
01/15/15					52.5	11.4	
01/16/15					49.3	9.6	
01/17/15					50.8	10.4	
01/18/15					48.3	9.1	
01/19/15					50.9	10.5	
01/20/15					54.0	12.2	
01/21/15					53.4	11.9	
01/22/15					52.4	11.3	
01/23/15					48.1	8.9	
01/24/15					49.8	9.9	
01/25/15					50.9	10.5	
01/26/15					57.2	14.0	
01/27/15					56.2	13.4	
01/28/15					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69568 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.3	13.5	
01/30/15					54.0	12.2	
01/31/15					55.3	12.9	
02/01/15					49.6	9.8	
02/02/15					54.7	12.6	
02/03/15					55.3	12.9	c2

Maximum	94	164	2833	659	73.3	22.9	
Minimum	23	0	368	82	34.1	1.2	

Average	76	100	788	471	59.1	15.1	
Std Dev	19	45	632	131	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69598 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.6	0.9	
05/20/14					40.5	4.7	
05/21/14					40.5	4.7	
05/22/14					47.4	8.6	
05/23/14					45.7	7.6	
05/24/14					64.0	17.8	
05/25/14					66.2	19.0	
05/26/14					66.5	19.2	
05/27/14					66.9	19.4	
05/28/14					67.4	19.7	
05/29/14					65.6	18.7	
05/30/14					66.1	18.9	
05/31/14					67.9	19.9	
06/01/14					65.6	18.7	
06/02/14					69.3	20.7	
06/03/14					72.9	22.7	
06/04/14					65.2	18.4	
06/05/14					64.2	17.9	
06/06/14					63.4	17.4	
06/07/14					64.7	18.2	
06/08/14					63.1	17.3	
06/09/14					68.9	20.5	
06/10/14					63.3	17.4	
06/11/14					64.9	18.3	
06/12/14					53.3	11.8	
06/13/14					63.4	17.4	
06/14/14					66.1	18.9	
06/15/14					59.6	15.3	
06/16/14					63.3	17.4	
06/17/14					66.0	18.9	
06/18/14					68.8	20.4	
06/19/14					65.9	18.8	
06/20/14					67.2	19.6	
06/21/14					61.7	16.5	
06/22/14					61.3	16.3	
06/23/14					69.4	20.8	
06/24/14					68.3	20.2	
06/25/14					65.7	18.7	
06/26/14					69.3	20.7	
06/27/14					64.1	17.8	
06/28/14					61.2	16.2	
06/29/14					60.8	16.0	
06/30/14					64.9	18.3	
07/01/14					68.3	20.2	
07/02/14					63.3	17.4	
07/03/14					68.9	20.5	
07/04/14					61.9	16.6	
07/05/14					61.9	16.6	
07/06/14					61.5	16.4	
07/07/14					69.9	21.1	
07/08/14					65.9	18.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69598 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					66.3	19.1	
07/10/14					66.3	19.1	
07/11/14					66.8	19.3	
07/12/14					62.9	17.2	
07/13/14					62.5	16.9	
07/14/14					64.8	18.2	
07/15/14					63.6	17.6	
07/16/14					66.7	19.3	
07/17/14					63.6	17.6	
07/18/14					69.5	20.8	
07/19/14					63.5	17.5	
07/20/14					62.3	16.8	
07/21/14					67.0	19.4	
07/22/14					69.7	20.9	
07/23/14					66.8	19.3	
07/24/14					67.1	19.5	
07/25/14					63.3	17.4	
07/26/14					66.1	18.9	
07/27/14					63.4	17.4	
07/28/14					67.9	19.9	
07/29/14					65.2	18.4	
07/30/14					61.8	16.6	
07/31/14	85	135	902	567	62.4	16.9	
08/01/14	25	0	2770	118	61.9	16.6	
08/02/14	27	0	3032	159	61.9	16.6	
08/03/14	27	0	2863	140	61.8	16.6	
08/04/14	18	0	2226	106	67.2	19.6	
08/05/14	20	0	2754	84	64.7	18.2	
08/06/14	23	0	2849	135	65.4	18.6	
08/07/14					65.3	18.5	
08/08/14					60.0	15.6	
08/09/14					62.5	16.9	
08/10/14					62.6	17.0	
08/11/14					65.2	18.4	
08/12/14					70.1	21.2	
08/13/14					67.6	19.8	
08/14/14					65.2	18.4	
08/15/14					62.0	16.7	
08/16/14					62.4	16.9	
08/17/14					61.9	16.6	
08/18/14					69.1	20.6	
08/19/14					68.4	20.2	
08/20/14					66.7	19.3	
08/21/14					69.6	20.9	
08/22/14					60.6	15.9	
08/23/14					59.2	15.1	
08/24/14					62.0	16.7	
08/25/14					67.6	19.8	
08/26/14					63.9	17.7	
08/27/14					62.9	17.2	
08/28/14					62.9	17.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69598 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.2	16.2	
08/30/14					61.5	16.4	
08/31/14					62.3	16.8	
09/01/14					60.9	16.1	
09/02/14					71.2	21.8	
09/03/14					68.6	20.3	
09/04/14					65.5	18.6	
09/05/14					61.9	16.6	
09/06/14					65.3	18.5	
09/07/14					59.3	15.2	
09/08/14					62.1	16.7	
09/09/14					65.8	18.8	
09/10/14					66.0	18.9	
09/11/14					66.2	19.0	
09/12/14					62.7	17.1	
09/13/14					57.0	13.9	
09/14/14					59.0	15.0	
09/15/14					60.6	15.9	
09/16/14					65.7	18.7	
09/17/14					63.5	17.5	
09/18/14					68.2	20.1	
09/19/14					60.7	15.9	
09/20/14					62.0	16.7	
09/21/14					61.9	16.6	
09/22/14					61.2	16.2	
09/23/14					62.6	17.0	
09/24/14					67.1	19.5	
09/25/14					65.6	18.7	
09/26/14	29	0	2531	86	59.5	15.3	
09/27/14					61.4	16.3	
09/28/14					59.9	15.5	
09/29/14					62.9	17.2	
09/30/14					62.6	17.0	
10/01/14					63.8	17.7	
10/02/14					61.2	16.2	
10/03/14					52.0	11.1	
10/04/14					51.5	10.8	
10/05/14					50.5	10.3	
10/06/14					65.9	18.8	
10/07/14					59.3	15.2	
10/08/14	28	0	2040	98	61.2	16.2	
10/09/14					60.1	15.6	
10/10/14					58.8	14.9	
10/11/14					57.8	14.3	
10/12/14					57.1	13.9	
10/13/14					56.4	13.6	
10/14/14					57.1	13.9	
10/15/14					63.0	17.2	
10/16/14					60.5	15.8	
10/17/14					56.7	13.7	
10/18/14					58.5	14.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69598 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.0	13.9	
10/20/14					56.2	13.4	
10/21/14					59.8	15.4	
10/22/14					62.7	17.1	
10/23/14					59.2	15.1	
10/24/14					56.0	13.3	
10/25/14					56.2	13.4	
10/26/14					58.0	14.4	
10/27/14					60.9	16.1	
10/28/14					56.3	13.5	
10/29/14					56.5	13.6	
10/30/14					56.8	13.8	
10/31/14					56.1	13.4	
11/01/14					56.0	13.3	
11/02/14					55.7	13.2	
11/03/14					58.8	14.9	
11/04/14					53.4	11.9	
11/05/14					55.9	13.3	
11/06/14					56.7	13.7	
11/07/14					50.4	10.2	
11/08/14					53.1	11.7	
11/09/14					49.8	9.9	
11/10/14					56.7	13.7	
11/11/14					52.2	11.2	
11/12/14	29	0	1977	86	47.7	8.7	
11/13/14					50.4	10.2	
11/14/14					53.9	12.2	
11/15/14					58.2	14.6	
11/16/14					54.4	12.4	
11/17/14					48.7	9.3	
11/18/14					50.9	10.5	
11/19/14					55.0	12.8	
11/20/14					58.9	14.9	
11/21/14					51.5	10.8	
11/22/14					51.1	10.6	
11/23/14					56.6	13.7	
11/24/14					52.0	11.1	
11/25/14					50.0	10.0	
11/26/14					50.8	10.4	
11/27/14					51.1	10.6	
11/28/14					53.1	11.7	
11/29/14					53.1	11.7	
11/30/14					56.7	13.7	
12/01/14					58.3	14.6	
12/02/14					57.2	14.0	
12/03/14					57.9	14.4	
12/04/14					55.9	13.3	
12/05/14					54.8	12.7	
12/06/14					57.0	13.9	
12/07/14					56.6	13.7	
12/08/14					56.3	13.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

69598 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					56.1	13.4	
12/10/14	29	0	1742	88	55.1	12.8	
12/11/14					56.0	13.3	
12/12/14					54.9	12.7	
12/13/14					54.5	12.5	
12/14/14					55.1	12.8	
12/15/14							
12/16/14							
12/17/14					50.5	10.3	
12/18/14					53.3	11.8	
12/19/14					49.9	9.9	
12/20/14					48.7	9.3	
12/21/14					49.7	9.8	
12/22/14					55.8	13.2	
12/23/14					50.4	10.2	
12/24/14					47.5	8.6	
12/25/14					51.9	11.1	
12/26/14					52.9	11.6	
12/27/14					43.7	6.5	
12/28/14					42.3	5.7	
12/29/14					43.1	6.2	
12/30/14					46.9	8.3	
12/31/14					44.2	6.8	
01/01/15					44.7	7.1	
01/02/15					42.5	5.8	
01/03/15					43.8	6.6	
01/04/15					44.8	7.1	
01/05/15					48.5	9.2	
01/06/15					57.4	14.1	
01/07/15					53.9	12.2	
01/08/15					50.7	10.4	
01/09/15					52.6	11.4	
01/10/15					50.5	10.3	
01/11/15					51.8	11.0	
01/12/15					51.7	10.9	
01/13/15					50.8	10.4	
01/14/15	28	0	1481	66	50.8	10.4	
01/15/15					51.5	10.8	
01/16/15					48.0	8.9	
01/17/15					49.2	9.6	
01/18/15					46.8	8.2	
01/19/15					49.4	9.7	
01/20/15					52.8	11.6	
01/21/15					51.7	10.9	
01/22/15					51.5	10.8	
01/23/15					45.1	7.3	
01/24/15					47.6	8.7	
01/25/15					48.7	9.3	
01/26/15					56.3	13.5	
01/27/15					54.9	12.7	
01/28/15					56.0	13.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69598 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.8	13.2	
01/30/15					53.9	12.2	
01/31/15					53.6	12.0	
02/01/15					49.5	9.7	
02/02/15					52.4	11.3	
02/03/15					53.1	11.7	

Maximum	85	135	3032	567	72.9	22.7	
Minimum	18	0	902	66	33.6	0.9	

Average	31	11	2264	144	58.8	14.9	
Std Dev	17	37	628	130	7.1	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69604 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.7	2.6	
05/20/14					39.0	3.9	
05/21/14					39.6	4.2	
05/22/14					49.0	9.4	
05/23/14					45.1	7.3	
05/24/14					62.9	17.2	
05/25/14					59.3	15.2	
05/26/14					53.2	11.8	
05/27/14					52.2	11.2	
05/28/14					60.9	16.1	
05/29/14					62.1	16.7	
05/30/14					58.5	14.7	
05/31/14					53.4	11.9	
06/01/14					45.2	7.3	
06/02/14					54.6	12.6	
06/03/14					59.5	15.3	
06/04/14					58.9	14.9	
06/05/14					57.9	14.4	
06/06/14					55.5	13.1	
06/07/14					48.3	9.1	
06/08/14					54.0	12.2	
06/09/14					47.2	8.4	
06/10/14					46.2	7.9	
06/11/14					48.7	9.3	
06/12/14					55.2	12.9	
06/13/14					64.9	18.3	
06/14/14					68.9	20.5	
06/15/14					67.1	19.5	
06/16/14					71.1	21.7	
06/17/14					61.7	16.5	
06/18/14					62.5	16.9	
06/19/14					60.3	15.7	
06/20/14					61.1	16.2	
06/21/14					68.7	20.4	
06/22/14					66.7	19.3	
06/23/14					69.7	20.9	
06/24/14					64.9	18.3	
06/25/14					64.8	18.2	
06/26/14					71.7	22.1	
06/27/14					65.0	18.3	
06/28/14					69.2	20.7	
06/29/14					66.1	18.9	
06/30/14					65.0	18.3	
07/01/14					65.3	18.5	
07/02/14					64.0	17.8	
07/03/14					66.3	19.1	
07/04/14					64.5	18.1	
07/05/14					65.3	18.5	
07/06/14					63.3	17.4	
07/07/14					68.1	20.1	
07/08/14					66.9	19.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69604 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.4	20.8	
07/10/14					64.0	17.8	
07/11/14					69.4	20.8	
07/12/14					65.1	18.4	
07/13/14					65.3	18.5	
07/14/14					66.4	19.1	
07/15/14					65.3	18.5	
07/16/14					68.7	20.4	
07/17/14	196	105	1566	847	64.9	18.3	
07/18/14	196	107	1645	863	71.5	21.9	
07/19/14	202	147	1678	896	64.5	18.1	
07/20/14	209	104	1730	906	62.6	17.0	
07/21/14	220	110	1929	987	69.5	20.8	
07/22/14	200	156	1802	956	70.5	21.4	
07/23/14	193	138	1691	868	69.8	21.0	
07/24/14					69.5	20.8	
07/25/14					59.6	15.3	
07/26/14					65.0	18.3	
07/27/14					66.5	19.2	
07/28/14					70.9	21.6	
07/29/14					69.3	20.7	
07/30/14					63.9	17.7	
07/31/14					64.4	18.0	
08/01/14					63.9	17.7	
08/02/14					63.5	17.5	
08/03/14					61.8	16.6	
08/04/14					68.8	20.4	
08/05/14					63.0	17.2	
08/06/14					67.2	19.6	
08/07/14					66.4	19.1	
08/08/14					62.9	17.2	
08/09/14					63.0	17.2	
08/10/14					64.2	17.9	
08/11/14					66.2	19.0	
08/12/14					71.2	21.8	
08/13/14					67.7	19.8	
08/14/14					65.1	18.4	
08/15/14					62.8	17.1	
08/16/14					62.8	17.1	
08/17/14					63.8	17.7	
08/18/14					69.7	20.9	
08/19/14					70.9	21.6	
08/20/14					68.4	20.2	
08/21/14					71.7	22.1	
08/22/14					64.0	17.8	
08/23/14					58.0	14.4	
08/24/14					60.3	15.7	
08/25/14					69.6	20.9	
08/26/14					65.2	18.4	
08/27/14					65.0	18.3	
08/28/14					69.1	20.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69604 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.1	15.6	
08/30/14					60.6	15.9	
08/31/14					62.1	16.7	
09/01/14					66.8	19.3	
09/02/14					70.8	21.6	
09/03/14					70.7	21.5	
09/04/14					66.9	19.4	
09/05/14					63.3	17.4	
09/06/14					62.6	17.0	
09/07/14					59.5	15.3	
09/08/14					62.6	17.0	
09/09/14					66.7	19.3	
09/10/14					65.9	18.8	
09/11/14					65.3	18.5	
09/12/14					60.3	15.7	
09/13/14					56.7	13.7	
09/14/14					59.2	15.1	
09/15/14					60.4	15.8	
09/16/14					67.0	19.4	
09/17/14					65.0	18.3	
09/18/14					69.0	20.6	
09/19/14					60.8	16.0	
09/20/14					61.2	16.2	
09/21/14					62.8	17.1	
09/22/14					63.0	17.2	
09/23/14					62.9	17.2	
09/24/14					69.6	20.9	
09/25/14					67.8	19.9	
09/26/14					59.9	15.5	
09/27/14					60.6	15.9	
09/28/14					59.4	15.2	
09/29/14					64.0	17.8	
09/30/14	253	240	3673	1518	64.4	18.0	
10/01/14					64.4	18.0	
10/02/14					64.2	17.9	
10/03/14					52.1	11.2	
10/04/14					52.8	11.6	
10/05/14					51.2	10.7	
10/06/14					67.6	19.8	
10/07/14					60.4	15.8	
10/08/14					62.1	16.7	
10/09/14					61.7	16.5	
10/10/14					59.8	15.4	
10/11/14					59.0	15.0	
10/12/14					57.8	14.3	
10/13/14					56.4	13.6	
10/14/14					57.6	14.2	
10/15/14					64.1	17.8	
10/16/14					60.5	15.8	
10/17/14					58.5	14.7	
10/18/14					59.6	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69604 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					58.0	14.4	
10/20/14					57.3	14.1	
10/21/14	265	294	3638	1458	60.7	15.9	
10/22/14					64.8	18.2	
10/23/14					60.2	15.7	
10/24/14					57.7	14.3	
10/25/14					56.5	13.6	
10/26/14					59.6	15.3	
10/27/14					63.2	17.3	
10/28/14					58.2	14.6	
10/29/14					56.4	13.6	
10/30/14					57.1	13.9	
10/31/14					56.0	13.3	
11/01/14					57.0	13.9	
11/02/14					56.9	13.8	
11/03/14					58.2	14.6	
11/04/14					47.3	8.5	
11/05/14					53.6	12.0	
11/06/14					51.4	10.8	
11/07/14					43.8	6.6	
11/08/14					46.3	7.9	
11/09/14					42.7	5.9	
11/10/14					54.1	12.3	
11/11/14					44.6	7.0	
11/12/14					41.1	5.1	
11/13/14					52.2	11.2	
11/14/14	256	230	3634	1386	53.8	12.1	
11/15/14					55.4	13.0	
11/16/14					53.9	12.2	
11/17/14					44.5	6.9	
11/18/14					51.3	10.7	
11/19/14					54.4	12.4	
11/20/14					56.0	13.3	
11/21/14					53.4	11.9	
11/22/14					52.2	11.2	
11/23/14					54.3	12.4	
11/24/14					53.8	12.1	
11/25/14					52.3	11.3	
11/26/14					54.2	12.3	
11/27/14					53.0	11.7	
11/28/14					53.6	12.0	
11/29/14					53.6	12.0	
11/30/14					54.8	12.7	
12/01/14					56.0	13.3	
12/02/14					55.1	12.8	
12/03/14					56.3	13.5	
12/04/14					55.7	13.2	
12/05/14					54.6	12.6	
12/06/14					55.6	13.1	
12/07/14					55.2	12.9	
12/08/14					56.0	13.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69604 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.3	12.9	
12/10/14					58.1	14.5	
12/11/14					55.0	12.8	
12/12/14	268	298	3871	1383	54.4	12.4	
12/13/14					54.3	12.4	
12/14/14					54.7	12.6	
12/15/14					54.6	12.6	
12/16/14							
12/17/14					54.8	12.7	
12/18/14					54.3	12.4	
12/19/14					51.0	10.6	
12/20/14					49.1	9.5	
12/21/14					52.7	11.5	
12/22/14					56.6	13.7	
12/23/14					54.3	12.4	
12/24/14					49.1	9.5	
12/25/14					52.4	11.3	
12/26/14					53.1	11.7	
12/27/14					46.8	8.2	
12/28/14					45.3	7.4	
12/29/14					45.3	7.4	
12/30/14					48.3	9.1	
12/31/14					45.1	7.3	
01/01/15					46.9	8.3	
01/02/15					44.7	7.1	
01/03/15					46.0	7.8	
01/04/15					46.5	8.1	
01/05/15					52.6	11.4	
01/06/15					55.6	13.1	
01/07/15					55.8	13.2	
01/08/15					53.3	11.8	
01/09/15					53.0	11.7	
01/10/15					51.1	10.6	
01/11/15					52.4	11.3	
01/12/15					54.9	12.7	
01/13/15					53.1	11.7	
01/14/15					54.9	12.7	
01/15/15					53.7	12.1	
01/16/15	262	316	4652	1559	48.4	9.1	
01/17/15					49.7	9.8	
01/18/15					48.7	9.3	
01/19/15					49.8	9.9	
01/20/15					54.8	12.7	
01/21/15					54.7	12.6	
01/22/15					50.3	10.2	
01/23/15					46.5	8.1	
01/24/15					48.0	8.9	
01/25/15					49.1	9.5	
01/26/15					58.4	14.7	
01/27/15					55.1	12.8	
01/28/15					59.2	15.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69604 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.8	13.2	
01/30/15					53.7	12.1	
01/31/15					54.6	12.6	
02/01/15					51.2	10.7	
02/02/15					54.4	12.4	
02/03/15					53.5	11.9	

Maximum	268	316	4652	1559	71.7	22.1	
Minimum	193	104	1566	847	36.7	2.6	

Average	227	187	2626	1136	58.6	14.8	
Std Dev	30	80	1104	281	7.4	4.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69618 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.9	1.6	
05/20/14					39.2	4.0	
05/21/14					39.6	4.2	
05/22/14					45.6	7.6	
05/23/14					45.1	7.3	
05/24/14					60.5	15.8	
05/25/14					48.5	9.2	
05/26/14					45.2	7.3	
05/27/14					57.1	13.9	
05/28/14					59.8	15.4	
05/29/14					63.7	17.6	
05/30/14					60.8	16.0	
05/31/14					59.2	15.1	
06/01/14					47.9	8.8	
06/02/14					59.4	15.2	
06/03/14					61.2	16.2	
06/04/14					62.5	16.9	
06/05/14					57.0	13.9	
06/06/14					66.6	19.2	
06/07/14					49.2	9.6	
06/08/14					56.4	13.6	
06/09/14					53.1	11.7	
06/10/14					45.1	7.3	
06/11/14					55.4	13.0	
06/12/14					73.9	23.3	
06/13/14					58.3	14.6	
06/14/14					68.6	20.3	
06/15/14					60.0	15.6	
06/16/14					68.3	20.2	
06/17/14					53.8	12.1	
06/18/14					56.4	13.6	
06/19/14					51.0	10.6	
06/20/14					53.8	12.1	
06/21/14					59.8	15.4	
06/22/14					61.6	16.4	
06/23/14					67.0	19.4	
06/24/14					60.1	15.6	
06/25/14					60.1	15.6	
06/26/14					70.7	21.5	
06/27/14					60.9	16.1	
06/28/14					65.4	18.6	
06/29/14					62.5	16.9	
06/30/14					60.3	15.7	
07/01/14					56.9	13.8	
07/02/14					55.4	13.0	
07/03/14					62.0	16.7	
07/04/14					60.8	16.0	
07/05/14					61.2	16.2	
07/06/14					60.0	15.6	
07/07/14					61.9	16.6	
07/08/14					62.2	16.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69618 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.2	17.3	
07/10/14					56.8	13.8	
07/11/14					66.7	19.3	
07/12/14					62.9	17.2	
07/13/14					60.4	15.8	
07/14/14					61.8	16.6	
07/15/14					60.8	16.0	
07/16/14					67.5	19.7	
07/17/14					58.1	14.5	
07/18/14					70.1	21.2	
07/19/14					56.8	13.8	
07/20/14					54.9	12.7	
07/21/14					65.8	18.8	
07/22/14					66.9	19.4	
07/23/14					66.2	19.0	
07/24/14	101	122	755	200	66.5	19.2	
07/25/14	125	131	815	240	64.8	18.2	
07/26/14	99	120	764	203	57.1	13.9	
07/27/14	92	59	593	185	62.4	16.9	
07/28/14	91	82	732	234	75.1	23.9	
07/29/14	125	198	871	256	70.6	21.4	
07/30/14	86	87	755	207	64.1	17.8	
07/31/14					64.0	17.8	
08/01/14					63.1	17.3	
08/02/14					62.5	16.9	
08/03/14					60.5	15.8	
08/04/14					70.2	21.2	
08/05/14					61.5	16.4	
08/06/14					68.8	20.4	
08/07/14					67.5	19.7	
08/08/14					63.0	17.2	
08/09/14					61.6	16.4	
08/10/14					64.5	18.1	
08/11/14					67.7	19.8	
08/12/14					73.1	22.8	
08/13/14					68.4	20.2	
08/14/14					65.5	18.6	
08/15/14					62.0	16.7	
08/16/14					62.1	16.7	
08/17/14					63.2	17.3	
08/18/14					71.1	21.7	
08/19/14					73.7	23.2	
08/20/14					68.5	20.3	
08/21/14					72.8	22.7	
08/22/14					62.7	17.1	
08/23/14					57.0	13.9	
08/24/14					61.3	16.3	
08/25/14					68.8	20.4	
08/26/14					67.0	19.4	
08/27/14					64.0	17.8	
08/28/14					70.0	21.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69618 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.4	15.2	
08/30/14					60.1	15.6	
08/31/14					62.8	17.1	
09/01/14					68.7	20.4	
09/02/14					72.3	22.4	
09/03/14					74.3	23.5	
09/04/14					68.3	20.2	
09/05/14					62.2	16.8	
09/06/14					61.3	16.3	
09/07/14					57.8	14.3	
09/08/14					61.6	16.4	
09/09/14					68.2	20.1	
09/10/14					67.4	19.7	
09/11/14					67.8	19.9	
09/12/14					59.8	15.4	
09/13/14					54.7	12.6	
09/14/14					58.0	14.4	
09/15/14					59.3	15.2	
09/16/14					68.3	20.2	
09/17/14					63.8	17.7	
09/18/14					71.8	22.1	
09/19/14					59.7	15.4	
09/20/14					60.4	15.8	
09/21/14					61.4	16.3	
09/22/14					62.0	16.7	
09/23/14					62.7	17.1	
09/24/14					70.7	21.5	
09/25/14					68.6	20.3	
09/26/14					59.1	15.1	
09/27/14					59.9	15.5	
09/28/14	103	121	1106	225	58.3	14.6	
09/29/14					64.4	18.0	
09/30/14					64.0	17.8	
10/01/14					65.5	18.6	
10/02/14					62.2	16.8	
10/03/14					52.2	11.2	
10/04/14					52.0	11.1	
10/05/14					51.1	10.6	
10/06/14					69.1	20.6	
10/07/14					60.0	15.6	
10/08/14					61.4	16.3	
10/09/14					59.9	15.5	
10/10/14	92	0	858	187	57.0	13.9	
10/11/14					55.2	12.9	
10/12/14					55.1	12.8	
10/13/14					54.1	12.3	
10/14/14					56.3	13.5	
10/15/14					64.3	17.9	
10/16/14					60.4	15.8	
10/17/14					56.4	13.6	
10/18/14					56.8	13.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69618 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					54.8	12.7	
10/20/14					54.8	12.7	
10/21/14					58.7	14.8	
10/22/14					64.1	17.8	
10/23/14					58.8	14.9	
10/24/14					55.1	12.8	
10/25/14					53.1	11.7	
10/26/14					56.8	13.8	
10/27/14					63.0	17.2	
10/28/14					55.6	13.1	
10/29/14					54.5	12.5	
10/30/14					55.0	12.8	
10/31/14					53.7	12.1	
11/01/14					54.2	12.3	
11/02/14					53.7	12.1	
11/03/14					60.1	15.6	
11/04/14	107	92	1111	196	56.2	13.4	
11/05/14					58.5	14.7	
11/06/14					62.5	16.9	
11/07/14					54.8	12.7	
11/08/14					53.4	11.9	
11/09/14					52.1	11.2	
11/10/14					64.0	17.8	
11/11/14					53.4	11.9	
11/12/14					52.7	11.5	
11/13/14					52.0	11.1	
11/14/14					52.2	11.2	
11/15/14					51.9	11.1	
11/16/14					47.8	8.8	
11/17/14					52.4	11.3	
11/18/14					50.8	10.4	
11/19/14					52.0	11.1	
11/20/14					54.0	12.2	
11/21/14					50.1	10.1	
11/22/14					48.2	9.0	
11/23/14					52.1	11.2	
11/24/14					51.8	11.0	
11/25/14					49.4	9.7	
11/26/14					50.4	10.2	
11/27/14					49.4	9.7	
11/28/14					51.1	10.6	
11/29/14					52.3	11.3	
11/30/14					53.0	11.7	
12/01/14					55.5	13.1	
12/02/14	25	0	697	94	53.0	11.7	
12/03/14					54.4	12.4	
12/04/14					53.2	11.8	
12/05/14					51.2	10.7	
12/06/14					52.2	11.2	
12/07/14					51.5	10.8	
12/08/14					53.7	12.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69618 (Cell 1)						
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					52.5	11.4	
12/10/14					56.4	13.6	
12/11/14					54.2	12.3	
12/12/14					51.5	10.8	
12/13/14					51.4	10.8	
12/14/14					51.0	10.6	
12/15/14							
12/16/14							
12/17/14					50.5	10.3	
12/18/14					52.1	11.2	
12/19/14					47.6	8.7	
12/20/14					45.0	7.2	
12/21/14					48.8	9.3	
12/22/14					55.1	12.8	
12/23/14					50.5	10.3	
12/24/14					46.5	8.1	
12/25/14					49.4	9.7	
12/26/14					49.7	9.8	
12/27/14					41.0	5.0	
12/28/14					38.4	3.6	
12/29/14					40.9	4.9	
12/30/14					44.5	6.9	
12/31/14					41.4	5.2	
01/01/15					39.9	4.4	
01/02/15					39.4	4.1	
01/03/15					40.7	4.8	
01/04/15					41.9	5.5	
01/05/15					51.3	10.7	
01/06/15	116	138	1320	216	54.6	12.6	
01/07/15					55.3	12.9	
01/08/15					49.0	9.4	
01/09/15					50.0	10.0	
01/10/15					48.1	8.9	
01/11/15					48.4	9.1	
01/12/15					51.6	10.9	
01/13/15					50.8	10.4	
01/14/15					51.0	10.6	
01/15/15					52.4	11.3	
01/16/15					45.5	7.5	
01/17/15					47.4	8.6	
01/18/15					46.0	7.8	
01/19/15					46.8	8.2	
01/20/15					52.4	11.3	
01/21/15					51.2	10.7	
01/22/15					51.0	10.6	
01/23/15					42.8	6.0	
01/24/15					45.1	7.3	
01/25/15					47.0	8.3	
01/26/15					56.8	13.8	
01/27/15					54.2	12.3	
01/28/15					57.9	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69618 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					52.9	11.6	
01/30/15					51.5	10.8	
01/31/15					51.2	10.7	
02/01/15					47.6	8.7	
02/02/15					52.9	11.6	
02/03/15	128	107	1395	187	53.2	11.8	

Maximum	128	198	1395	256	75.1	23.9	
Minimum	25	0	593	94	34.9	1.6	

Average	99	97	906	202	57.3	14.0	
Std Dev	25	52	239	38	7.9	4.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69620 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.7	0.9	
05/20/14					40.0	4.4	
05/21/14					39.4	4.1	
05/22/14					44.3	6.8	
05/23/14					46.4	8.0	
05/24/14					64.1	17.8	
05/25/14					53.1	11.7	
05/26/14					46.7	8.2	
05/27/14					57.3	14.1	
05/28/14					60.5	15.8	
05/29/14					63.2	17.3	
05/30/14					60.1	15.6	
05/31/14					56.6	13.7	
06/01/14					47.2	8.4	
06/02/14					58.8	14.9	
06/03/14					61.0	16.1	
06/04/14					60.4	15.8	
06/05/14					52.9	11.6	
06/06/14					52.3	11.3	
06/07/14					46.4	8.0	
06/08/14					55.8	13.2	
06/09/14					49.0	9.4	
06/10/14					45.3	7.4	
06/11/14					54.0	12.2	
06/12/14					73.6	23.1	
06/13/14					57.5	14.2	
06/14/14					68.0	20.0	
06/15/14					59.8	15.4	
06/16/14					68.4	20.2	
06/17/14					53.7	12.1	
06/18/14					57.2	14.0	
06/19/14					53.4	11.9	
06/20/14					53.5	11.9	
06/21/14					58.9	14.9	
06/22/14					60.5	15.8	
06/23/14					67.1	19.5	
06/24/14					59.2	15.1	
06/25/14					59.0	15.0	
06/26/14					69.0	20.6	
06/27/14					60.1	15.6	
06/28/14					62.4	16.9	
06/29/14					61.5	16.4	
06/30/14					59.6	15.3	
07/01/14					55.0	12.8	
07/02/14					53.9	12.2	
07/03/14					61.1	16.2	
07/04/14					60.8	16.0	
07/05/14					59.6	15.3	
07/06/14					59.0	15.0	
07/07/14					61.2	16.2	
07/08/14					60.0	15.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69620 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.8	18.2	
07/10/14					56.2	13.4	
07/11/14					65.3	18.5	
07/12/14					63.4	17.4	
07/13/14					58.5	14.7	
07/14/14					61.5	16.4	
07/15/14					59.8	15.4	
07/16/14					67.0	19.4	
07/17/14					57.1	13.9	
07/18/14					68.5	20.3	
07/19/14					55.8	13.2	
07/20/14					53.9	12.2	
07/21/14					65.0	18.3	
07/22/14					66.8	19.3	
07/23/14					64.0	17.8	
07/24/14	287	299	2967	935	65.3	18.5	
07/25/14	248	236	2682	840	62.7	17.1	
07/26/14	171	105	1883	551	57.9	14.4	
07/27/14	255	294	2890	895	62.0	16.7	
07/28/14	313	332	3394	1072	74.4	23.6	c2
07/29/14	287	288	3172	954	70.7	21.5	
07/30/14	247	206	3031	1009	63.4	17.4	
07/31/14					63.7	17.6	
08/01/14					63.9	17.7	
08/02/14					62.1	16.7	
08/03/14					60.7	15.9	
08/04/14					70.4	21.3	
08/05/14					61.5	16.4	
08/06/14					67.6	19.8	
08/07/14					67.2	19.6	
08/08/14					62.9	17.2	
08/09/14					61.7	16.5	
08/10/14					64.6	18.1	
08/11/14					67.4	19.7	
08/12/14					72.7	22.6	
08/13/14					68.5	20.3	
08/14/14					65.1	18.4	
08/15/14					61.7	16.5	
08/16/14					61.7	16.5	
08/17/14					63.0	17.2	
08/18/14					71.2	21.8	
08/19/14					73.8	23.2	
08/20/14					69.0	20.6	
08/21/14					72.5	22.5	
08/22/14					62.9	17.2	
08/23/14					57.2	14.0	
08/24/14					61.5	16.4	
08/25/14					69.9	21.1	
08/26/14					67.0	19.4	
08/27/14					64.0	17.8	
08/28/14					70.0	21.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69620 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.9	15.5	
08/30/14					61.7	16.5	
08/31/14					62.5	16.9	
09/01/14					68.6	20.3	
09/02/14					72.8	22.7	
09/03/14					74.5	23.6	
09/04/14					68.3	20.2	
09/05/14					62.0	16.7	
09/06/14					61.3	16.3	
09/07/14					58.6	14.8	
09/08/14					61.2	16.2	
09/09/14					67.8	19.9	
09/10/14					66.9	19.4	
09/11/14					67.3	19.6	
09/12/14					60.0	15.6	
09/13/14					55.2	12.9	
09/14/14					58.4	14.7	
09/15/14					59.9	15.5	
09/16/14					68.5	20.3	
09/17/14					63.8	17.7	
09/18/14					71.5	21.9	
09/19/14					60.3	15.7	
09/20/14					60.4	15.8	
09/21/14					61.4	16.3	
09/22/14					61.9	16.6	
09/23/14					63.0	17.2	
09/24/14					70.6	21.4	
09/25/14					68.5	20.3	
09/26/14					59.3	15.2	
09/27/14					60.1	15.6	
09/28/14	172	216	2466	559	59.0	15.0	
09/29/14					63.8	17.7	
09/30/14					63.9	17.7	
10/01/14					65.1	18.4	
10/02/14					61.7	16.5	
10/03/14					52.9	11.6	
10/04/14					51.9	11.1	
10/05/14					51.3	10.7	
10/06/14					68.9	20.5	
10/07/14					60.4	15.8	
10/08/14					61.6	16.4	
10/09/14					60.4	15.8	
10/10/14					57.6	14.2	
10/11/14					56.4	13.6	
10/12/14					56.3	13.5	
10/13/14					55.7	13.2	
10/14/14	331	387	4048	912	56.9	13.8	
10/15/14					65.0	18.3	
10/16/14					60.6	15.9	
10/17/14					57.3	14.1	
10/18/14					57.7	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69620 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.1	13.4	
10/20/14					55.6	13.1	
10/21/14					59.0	15.0	
10/22/14					63.7	17.6	
10/23/14					59.0	15.0	
10/24/14					55.6	13.1	
10/25/14					55.1	12.8	
10/26/14					57.5	14.2	
10/27/14					62.6	17.0	
10/28/14					56.7	13.7	
10/29/14					55.2	12.9	
10/30/14					56.0	13.3	
10/31/14					55.3	12.9	
11/01/14					55.2	12.9	
11/02/14					54.6	12.6	
11/03/14					60.6	15.9	
11/04/14	260	348	3825	848	57.0	13.9	
11/05/14					58.7	14.8	
11/06/14					62.5	16.9	
11/07/14					55.6	13.1	
11/08/14					55.4	13.0	
11/09/14					54.3	12.4	
11/10/14					63.7	17.6	
11/11/14					55.2	12.9	
11/12/14					54.7	12.6	
11/13/14					54.7	12.6	
11/14/14					54.5	12.5	
11/15/14					53.6	12.0	
11/16/14					53.0	11.7	
11/17/14					54.0	12.2	
11/18/14					53.8	12.1	
11/19/14					54.3	12.4	
11/20/14					55.3	12.9	
11/21/14					53.1	11.7	
11/22/14					52.1	11.2	
11/23/14					53.8	12.1	
11/24/14					54.0	12.2	
11/25/14					53.3	11.8	
11/26/14					53.1	11.7	
11/27/14					52.0	11.1	
11/28/14					54.2	12.3	
11/29/14					54.1	12.3	
11/30/14					54.8	12.7	
12/01/14					55.3	12.9	
12/02/14	337	334	3826	807	54.9	12.7	
12/03/14					55.9	13.3	
12/04/14					54.5	12.5	
12/05/14					53.5	11.9	
12/06/14					54.0	12.2	
12/07/14					54.1	12.3	
12/08/14					55.2	12.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69620 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.8	12.7	
12/10/14					56.9	13.8	
12/11/14					55.8	13.2	
12/12/14					53.7	12.1	
12/13/14					53.1	11.7	
12/14/14					53.7	12.1	
12/15/14							
12/16/14							
12/17/14					50.5	10.3	
12/18/14					53.8	12.1	
12/19/14					51.7	10.9	
12/20/14					48.3	9.1	
12/21/14					51.9	11.1	
12/22/14					55.7	13.2	
12/23/14					51.7	10.9	
12/24/14					47.4	8.6	
12/25/14					52.2	11.2	
12/26/14					52.1	11.2	
12/27/14					44.4	6.9	
12/28/14					43.0	6.1	
12/29/14					44.2	6.8	
12/30/14					47.2	8.4	
12/31/14					43.7	6.5	
01/01/15					46.0	7.8	
01/02/15					43.5	6.4	
01/03/15					45.1	7.3	
01/04/15					45.5	7.5	
01/05/15					53.4	11.9	
01/06/15	334	422	4067	856	55.5	13.1	
01/07/15					55.5	13.1	
01/08/15					51.8	11.0	
01/09/15					52.7	11.5	
01/10/15					51.8	11.0	
01/11/15					51.8	11.0	
01/12/15					53.7	12.1	
01/13/15					54.4	12.4	
01/14/15					53.5	11.9	
01/15/15					55.2	12.9	
01/16/15					47.6	8.7	
01/17/15					49.5	9.7	
01/18/15					47.9	8.8	
01/19/15					50.1	10.1	
01/20/15					53.5	11.9	
01/21/15					53.6	12.0	
01/22/15					52.6	11.4	
01/23/15					45.0	7.2	
01/24/15					47.1	8.4	
01/25/15					48.7	9.3	
01/26/15					57.4	14.1	
01/27/15					55.5	13.1	
01/28/15					57.9	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69620 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.3	12.4	
01/30/15					53.4	11.9	
01/31/15					53.5	11.9	
02/01/15					50.4	10.2	
02/02/15					53.9	12.2	
02/03/15	370	392	4400	864	54.4	12.4	

Maximum	370	422	4400	1072	74.5	23.6	
Minimum	171	105	1883	551	33.7	0.9	

Average	278	297	3281	854	57.9	14.4	
Std Dev	59	85	700	145	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69630 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					37.2	2.9	
05/20/14					39.2	4.0	
05/21/14					39.8	4.3	
05/22/14					48.8	9.3	
05/23/14					47.7	8.7	
05/24/14					63.9	17.7	
05/25/14					65.6	18.7	
05/26/14					63.8	17.7	
05/27/14					66.7	19.3	
05/28/14					68.4	20.2	
05/29/14					66.7	19.3	
05/30/14					65.6	18.7	
05/31/14					68.0	20.0	
06/01/14					68.9	20.5	
06/02/14					71.3	21.8	
06/03/14					72.8	22.7	
06/04/14					66.2	19.0	
06/05/14					64.7	18.2	
06/06/14					64.4	18.0	
06/07/14					65.8	18.8	
06/08/14					63.7	17.6	
06/09/14					69.2	20.7	
06/10/14					63.9	17.7	
06/11/14					66.2	19.0	
06/12/14					59.4	15.2	
06/13/14					66.0	18.9	
06/14/14					65.3	18.5	
06/15/14					60.1	15.6	
06/16/14					64.2	17.9	
06/17/14					67.1	19.5	
06/18/14					69.5	20.8	
06/19/14					66.0	18.9	
06/20/14					68.4	20.2	
06/21/14					62.1	16.7	
06/22/14					62.4	16.9	
06/23/14					70.2	21.2	
06/24/14					68.4	20.2	
06/25/14					67.1	19.5	
06/26/14					70.8	21.6	
06/27/14					65.4	18.6	
06/28/14					62.0	16.7	
06/29/14					62.3	16.8	
06/30/14					65.7	18.7	
07/01/14					70.3	21.3	
07/02/14					64.0	17.8	
07/03/14					70.0	21.1	
07/04/14					62.6	17.0	
07/05/14					62.7	17.1	
07/06/14					62.1	16.7	
07/07/14					72.2	22.3	
07/08/14					66.6	19.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69630 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					65.1	18.4	
07/10/14					68.0	20.0	
07/11/14					68.3	20.2	
07/12/14					64.1	17.8	
07/13/14					63.2	17.3	
07/14/14					65.9	18.8	
07/15/14					64.4	18.0	
07/16/14					66.9	19.4	
07/17/14					64.5	18.1	
07/18/14					70.7	21.5	
07/19/14					64.4	18.0	
07/20/14					62.2	16.8	
07/21/14					67.7	19.8	
07/22/14					69.4	20.8	
07/23/14					67.4	19.7	
07/24/14					66.9	19.4	
07/25/14					64.7	18.2	
07/26/14					67.1	19.5	
07/27/14					64.8	18.2	
07/28/14					69.3	20.7	
07/29/14					66.6	19.2	
07/30/14					63.0	17.2	
07/31/14					63.2	17.3	
08/01/14					61.9	16.6	
08/02/14					62.0	16.7	
08/03/14					61.5	16.4	
08/04/14					68.6	20.3	
08/05/14					67.2	19.6	
08/06/14					66.1	18.9	
08/07/14	258	351	12403	629	67.8	19.9	
08/08/14	337	520	15351	744	59.8	15.4	
08/09/14	221	395	13000	622	62.5	16.9	
08/10/14	301	468	13909	689	62.7	17.1	
08/11/14	311	505	13951	705	66.4	19.1	
08/12/14	269	454	13745	705	73.3	22.9	
08/13/14	334	509	14968	751	68.4	20.2	
08/14/14					65.7	18.7	
08/15/14					62.0	16.7	
08/16/14					62.9	17.2	
08/17/14					61.6	16.4	
08/18/14					69.5	20.8	
08/19/14					70.8	21.6	
08/20/14					68.0	20.0	
08/21/14					70.9	21.6	
08/22/14					61.6	16.4	
08/23/14					58.7	14.8	
08/24/14					62.8	17.1	
08/25/14					69.8	21.0	
08/26/14					65.3	18.5	
08/27/14					63.5	17.5	
08/28/14					69.3	20.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69630 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.1	16.2	
08/30/14					61.3	16.3	
08/31/14					62.0	16.7	
09/01/14					61.7	16.5	
09/02/14					71.4	21.9	
09/03/14					70.5	21.4	
09/04/14					66.4	19.1	
09/05/14					62.1	16.7	
09/06/14					67.2	19.6	
09/07/14					59.3	15.2	
09/08/14					61.9	16.6	
09/09/14					66.2	19.0	
09/10/14					66.4	19.1	
09/11/14					66.7	19.3	
09/12/14					61.7	16.5	
09/13/14					56.2	13.4	
09/14/14					58.9	14.9	
09/15/14					60.5	15.8	
09/16/14					66.8	19.3	
09/17/14					64.7	18.2	
09/18/14					70.4	21.3	
09/19/14					60.5	15.8	
09/20/14					61.8	16.6	
09/21/14					61.6	16.4	
09/22/14					61.7	16.5	
09/23/14	379	626	14369	841	62.6	17.0	
09/24/14					68.3	20.2	
09/25/14					67.6	19.8	
09/26/14					59.8	15.4	
09/27/14					61.2	16.2	
09/28/14					60.0	15.6	
09/29/14					63.2	17.3	
09/30/14					63.3	17.4	
10/01/14	360	606	13076	815	64.3	17.9	
10/02/14					61.5	16.4	
10/03/14					52.4	11.3	
10/04/14					52.2	11.2	
10/05/14					51.8	11.0	
10/06/14					67.5	19.7	
10/07/14					59.6	15.3	
10/08/14					61.8	16.6	
10/09/14					60.5	15.8	
10/10/14					58.7	14.8	
10/11/14					57.3	14.1	
10/12/14					56.9	13.8	
10/13/14					56.4	13.6	
10/14/14					57.2	14.0	
10/15/14					64.4	18.0	
10/16/14					61.6	16.4	
10/17/14					57.2	14.0	
10/18/14					58.3	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69630 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.6	13.7	
10/20/14					55.9	13.3	
10/21/14					59.7	15.4	
10/22/14					64.4	18.0	
10/23/14					59.2	15.1	
10/24/14					56.2	13.4	
10/25/14					55.3	12.9	
10/26/14					58.0	14.4	
10/27/14					62.9	17.2	
10/28/14					56.5	13.6	
10/29/14					56.1	13.4	
10/30/14					56.8	13.8	
10/31/14					55.7	13.2	
11/01/14					55.6	13.1	
11/02/14					55.3	12.9	
11/03/14					60.2	15.7	
11/04/14					54.6	12.6	
11/05/14	381	587	12462	855	58.0	14.4	
11/06/14					58.7	14.8	
11/07/14					51.5	10.8	
11/08/14					54.6	12.6	
11/09/14					50.3	10.2	
11/10/14					58.5	14.7	
11/11/14					53.7	12.1	
11/12/14					50.3	10.2	
11/13/14					53.6	12.0	
11/14/14					54.7	12.6	
11/15/14					57.2	14.0	
11/16/14					54.7	12.6	
11/17/14					52.2	11.2	
11/18/14					55.2	12.9	
11/19/14					55.9	13.3	
11/20/14					57.6	14.2	
11/21/14					52.1	11.2	
11/22/14					52.4	11.3	
11/23/14					55.8	13.2	
11/24/14					55.4	13.0	
11/25/14					53.6	12.0	
11/26/14					52.5	11.4	
11/27/14					51.6	10.9	
11/28/14					53.7	12.1	
11/29/14					54.0	12.2	
11/30/14					57.1	13.9	
12/01/14					56.8	13.8	
12/02/14					55.8	13.2	
12/03/14	382	589	11223	733	57.0	13.9	
12/04/14					55.2	12.9	
12/05/14					54.4	12.4	
12/06/14					56.3	13.5	
12/07/14					55.3	12.9	
12/08/14					55.9	13.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69630 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.4	13.0	
12/10/14					57.2	14.0	
12/11/14					56.2	13.4	
12/12/14					55.9	13.3	
12/13/14					55.0	12.8	
12/14/14					55.4	13.0	
12/15/14							
12/16/14							
12/17/14					52.8	11.6	
12/18/14					55.9	13.3	
12/19/14					51.2	10.7	
12/20/14					49.7	9.8	
12/21/14					50.8	10.4	
12/22/14					56.6	13.7	
12/23/14					52.7	11.5	
12/24/14					49.4	9.7	
12/25/14					54.4	12.4	
12/26/14					52.4	11.3	
12/27/14					44.9	7.2	
12/28/14					43.2	6.2	
12/29/14					43.7	6.5	
12/30/14					49.1	9.5	
12/31/14					45.5	7.5	
01/01/15					46.4	8.0	
01/02/15					43.6	6.4	
01/03/15					44.9	7.2	
01/04/15					45.8	7.7	
01/05/15					52.1	11.2	
01/06/15					56.8	13.8	
01/07/15	335	494	9462	602	56.2	13.4	
01/08/15					53.3	11.8	c2
01/09/15					54.0	12.2	
01/10/15					51.8	11.0	
01/11/15					52.1	11.2	
01/12/15					54.4	12.4	
01/13/15					53.0	11.7	
01/14/15					52.9	11.6	
01/15/15					54.4	12.4	
01/16/15					49.2	9.6	
01/17/15					48.7	9.3	
01/18/15					48.1	8.9	
01/19/15					50.9	10.5	
01/20/15					55.5	13.1	
01/21/15					53.4	11.9	
01/22/15					54.2	12.3	
01/23/15					46.9	8.3	
01/24/15					48.5	9.2	
01/25/15					50.6	10.3	
01/26/15					58.9	14.9	
01/27/15					57.0	13.9	
01/28/15					59.1	15.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69630 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.1	13.4	
01/30/15					55.2	12.9	
01/31/15					53.9	12.2	
02/01/15					50.5	10.3	
02/02/15					55.6	13.1	
02/03/15					56.1	13.4	c2

Maximum	382	626	15351	855	73.3	22.9	
Minimum	221	351	9462	602	37.2	2.9	

Average	322	509	13160	724	59.7	15.4	
Std Dev	50	81	1570	80	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69633 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14							
05/20/14							
05/21/14							
05/22/14					47.8	8.8	
05/23/14					42.9	6.1	
05/24/14					63.9	17.7	
05/25/14					65.3	18.5	
05/26/14					64.2	17.9	
05/27/14					66.8	19.3	
05/28/14					68.0	20.0	
05/29/14					66.3	19.1	
05/30/14					65.3	18.5	
05/31/14					67.9	19.9	
06/01/14					66.2	19.0	
06/02/14					71.4	21.9	
06/03/14					72.7	22.6	
06/04/14					65.6	18.7	
06/05/14					64.5	18.1	
06/06/14					69.1	20.6	
06/07/14					65.5	18.6	
06/08/14					63.6	17.6	
06/09/14					69.3	20.7	
06/10/14					63.5	17.5	
06/11/14					65.1	18.4	
06/12/14					59.9	15.5	
06/13/14					64.1	17.8	
06/14/14					64.3	17.9	
06/15/14					60.1	15.6	
06/16/14					64.2	17.9	
06/17/14					66.6	19.2	
06/18/14					69.7	20.9	
06/19/14					65.8	18.8	
06/20/14					68.1	20.1	
06/21/14					62.3	16.8	
06/22/14					62.4	16.9	
06/23/14					70.8	21.6	
06/24/14					68.4	20.2	
06/25/14					67.7	19.8	
06/26/14					70.5	21.4	
06/27/14					64.6	18.1	
06/28/14					62.3	16.8	
06/29/14					62.1	16.7	
06/30/14					65.4	18.6	
07/01/14					70.4	21.3	
07/02/14					63.6	17.6	
07/03/14					70.3	21.3	
07/04/14					62.7	17.1	
07/05/14					62.7	17.1	
07/06/14					62.3	16.8	
07/07/14					72.4	22.4	
07/08/14					66.2	19.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69633 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					65.3	18.5	
07/10/14					68.1	20.1	
07/11/14					68.4	20.2	
07/12/14					64.0	17.8	
07/13/14					63.3	17.4	
07/14/14					65.6	18.7	
07/15/14					64.0	17.8	
07/16/14					66.5	19.2	
07/17/14					64.6	18.1	
07/18/14					70.8	21.6	
07/19/14					64.2	17.9	
07/20/14					62.4	16.9	
07/21/14					67.8	19.9	
07/22/14					69.5	20.8	
07/23/14					67.1	19.5	
07/24/14					67.6	19.8	
07/25/14					64.5	18.1	
07/26/14					66.7	19.3	
07/27/14					64.9	18.3	
07/28/14					69.1	20.6	
07/29/14					66.7	19.3	
07/30/14					62.7	17.1	
07/31/14					63.3	17.4	
08/01/14					62.1	16.7	
08/02/14					62.0	16.7	
08/03/14					61.8	16.6	
08/04/14					68.5	20.3	
08/05/14					66.8	19.3	
08/06/14					66.3	19.1	
08/07/14	357	334	5617	989	67.6	19.8	
08/08/14	375	321	5879	1050	60.3	15.7	
08/09/14	302	278	4987	875	62.8	17.1	
08/10/14	346	310	5669	1031	62.7	17.1	
08/11/14	328	362	5332	951	66.0	18.9	
08/12/14	362	308	5749	1041	72.9	22.7	
08/13/14	351	290	5564	978	68.0	20.0	
08/14/14					65.5	18.6	
08/15/14					62.3	16.8	
08/16/14					63.0	17.2	
08/17/14					62.1	16.7	
08/18/14					69.7	20.9	
08/19/14					71.0	21.7	
08/20/14					67.8	19.9	
08/21/14					71.1	21.7	
08/22/14					62.1	16.7	
08/23/14					59.5	15.3	
08/24/14					63.5	17.5	
08/25/14					69.2	20.7	
08/26/14					65.1	18.4	
08/27/14					63.9	17.7	
08/28/14					70.4	21.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69633 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.4	16.3	
08/30/14					61.7	16.5	
08/31/14					62.4	16.9	
09/01/14					62.0	16.7	
09/02/14					71.6	22.0	
09/03/14					70.4	21.3	
09/04/14					66.3	19.1	
09/05/14					62.3	16.8	
09/06/14					66.8	19.3	
09/07/14					59.9	15.5	
09/08/14					62.3	16.8	
09/09/14					66.0	18.9	
09/10/14					66.5	19.2	
09/11/14					66.6	19.2	
09/12/14					62.1	16.7	
09/13/14					56.8	13.8	
09/14/14					59.6	15.3	
09/15/14					61.0	16.1	
09/16/14					66.9	19.4	
09/17/14					64.4	18.0	
09/18/14					69.7	20.9	
09/19/14					61.1	16.2	
09/20/14					61.9	16.6	
09/21/14					62.0	16.7	
09/22/14					62.0	16.7	
09/23/14	400	354	6284	1116	63.0	17.2	
09/24/14					68.5	20.3	
09/25/14					67.4	19.7	
09/26/14					60.0	15.6	
09/27/14					61.7	16.5	
09/28/14					60.3	15.7	
09/29/14					63.1	17.3	
09/30/14					62.8	17.1	
10/01/14					63.6	17.6	
10/02/14					61.6	16.4	
10/03/14	323	409	5641	998	52.6	11.4	
10/04/14					52.7	11.5	
10/05/14					52.3	11.3	
10/06/14					67.6	19.8	
10/07/14					59.5	15.3	
10/08/14					61.7	16.5	
10/09/14					60.7	15.9	
10/10/14					58.9	14.9	
10/11/14					57.5	14.2	
10/12/14					57.1	13.9	
10/13/14					56.7	13.7	
10/14/14					57.3	14.1	
10/15/14					64.0	17.8	
10/16/14					61.2	16.2	
10/17/14					57.3	14.1	
10/18/14					58.7	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69633 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.0	13.9	
10/20/14					56.3	13.5	
10/21/14					60.0	15.6	
10/22/14					63.8	17.7	
10/23/14					59.2	15.1	
10/24/14					56.4	13.6	
10/25/14					56.1	13.4	
10/26/14					58.2	14.6	
10/27/14					62.6	17.0	
10/28/14					57.1	13.9	
10/29/14					56.7	13.7	
10/30/14					58.3	14.6	
10/31/14					55.1	12.8	
11/01/14					56.0	13.3	
11/02/14					55.9	13.3	
11/03/14					59.7	15.4	
11/04/14					52.8	11.6	
11/05/14					57.1	13.9	
11/06/14					57.3	14.1	
11/07/14	373	370	5455	970	50.8	10.4	
11/08/14					54.0	12.2	
11/09/14					50.1	10.1	
11/10/14					58.3	14.6	
11/11/14					53.1	11.7	
11/12/14					49.5	9.7	
11/13/14					53.0	11.7	
11/14/14					55.1	12.8	
11/15/14					57.9	14.4	
11/16/14					55.2	12.9	
11/17/14					50.8	10.4	
11/18/14					54.0	12.2	
11/19/14					56.7	13.7	
11/20/14					58.2	14.6	
11/21/14					52.7	11.5	
11/22/14					52.9	11.6	
11/23/14					56.2	13.4	
11/24/14					55.1	12.8	
11/25/14					53.6	12.0	
11/26/14					52.6	11.4	
11/27/14					53.0	11.7	
11/28/14					54.3	12.4	
11/29/14					54.6	12.6	
11/30/14					57.8	14.3	
12/01/14					57.3	14.1	
12/02/14					56.3	13.5	
12/03/14					57.4	14.1	
12/04/14					55.4	13.0	
12/05/14	348	303	4387	781	54.9	12.7	
12/06/14					57.2	14.0	
12/07/14					57.0	13.9	
12/08/14					56.5	13.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69633 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.8	13.2	
12/10/14					57.4	14.1	
12/11/14					56.2	13.4	
12/12/14					56.1	13.4	
12/13/14					55.8	13.2	
12/14/14					56.0	13.3	
12/15/14							
12/16/14							
12/17/14					53.3	11.8	
12/18/14					55.5	13.1	
12/19/14					51.6	10.9	
12/20/14					50.5	10.3	
12/21/14					51.4	10.8	
12/22/14					58.2	14.6	
12/23/14					53.1	11.7	
12/24/14					49.0	9.4	
12/25/14					54.3	12.4	
12/26/14					53.6	12.0	
12/27/14					46.0	7.8	
12/28/14					43.8	6.6	
12/29/14					44.7	7.1	
12/30/14					49.5	9.7	
12/31/14					46.7	8.2	
01/01/15					46.7	8.2	
01/02/15					44.4	6.9	
01/03/15					45.8	7.7	
01/04/15					45.9	7.7	
01/05/15					52.0	11.1	
01/06/15					56.9	13.8	
01/07/15					56.2	13.4	
01/08/15					54.7	12.6	
01/09/15	365	392	5109	781	54.6	12.6	
01/10/15					52.1	11.2	
01/11/15					52.3	11.3	
01/12/15					55.0	12.8	
01/13/15					53.4	11.9	
01/14/15					54.0	12.2	
01/15/15					54.1	12.3	
01/16/15					50.5	10.3	
01/17/15					50.6	10.3	
01/18/15					48.8	9.3	
01/19/15					52.0	11.1	
01/20/15					55.8	13.2	
01/21/15					56.0	13.3	
01/22/15					53.4	11.9	
01/23/15					47.4	8.6	
01/24/15					49.5	9.7	
01/25/15					51.4	10.8	
01/26/15					58.7	14.8	
01/27/15					57.3	14.1	
01/28/15					59.3	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69633 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.7	13.7	
01/30/15					55.3	12.9	
01/31/15					54.3	12.4	
02/01/15					51.7	10.9	
02/02/15					55.8	13.2	
02/03/15					56.1	13.4	

Maximum	400	409	6284	1116	72.9	22.7	
Minimum	302	278	4387	781	42.9	6.1	

Average	353	336	5473	963	60.1	15.6	
Std Dev	25	40	462	99	6.5	3.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69634 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.2	2.3	
05/20/14					39.3	4.1	
05/21/14					39.8	4.3	
05/22/14					47.5	8.6	
05/23/14					44.1	6.7	
05/24/14					63.3	17.4	
05/25/14					63.9	17.7	
05/26/14					63.3	17.4	
05/27/14					65.9	18.8	
05/28/14					66.6	19.2	
05/29/14					66.9	19.4	
05/30/14					65.4	18.6	
05/31/14					67.4	19.7	
06/01/14					64.5	18.1	
06/02/14					68.2	20.1	
06/03/14					72.4	22.4	
06/04/14					64.9	18.3	
06/05/14					63.7	17.6	
06/06/14					63.1	17.3	
06/07/14					64.4	18.0	
06/08/14					62.5	16.9	
06/09/14					68.4	20.2	
06/10/14					63.3	17.4	
06/11/14					66.3	19.1	
06/12/14					54.1	12.3	
06/13/14					63.8	17.7	
06/14/14					64.4	18.0	
06/15/14					63.3	17.4	
06/16/14					62.9	17.2	
06/17/14					66.0	18.9	
06/18/14					68.7	20.4	
06/19/14					65.1	18.4	
06/20/14					67.0	19.4	
06/21/14					61.1	16.2	
06/22/14					61.9	16.6	
06/23/14					67.8	19.9	
06/24/14					66.9	19.4	
06/25/14					64.3	17.9	
06/26/14					68.9	20.5	
06/27/14					63.3	17.4	
06/28/14					60.6	15.9	
06/29/14					60.3	15.7	
06/30/14					64.3	17.9	
07/01/14					67.4	19.7	
07/02/14					62.8	17.1	
07/03/14					69.4	20.8	
07/04/14					61.5	16.4	
07/05/14					61.8	16.6	
07/06/14					61.0	16.1	
07/07/14					67.5	19.7	
07/08/14					64.8	18.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69634 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.3	17.9	
07/10/14					65.2	18.4	
07/11/14					65.9	18.8	
07/12/14					63.1	17.3	
07/13/14					61.7	16.5	
07/14/14					64.2	17.9	
07/15/14					63.1	17.3	
07/16/14					66.1	18.9	
07/17/14					62.9	17.2	
07/18/14					68.8	20.4	
07/19/14					62.5	16.9	
07/20/14					61.9	16.6	
07/21/14					66.3	19.1	
07/22/14					66.9	19.4	
07/23/14					64.9	18.3	
07/24/14	91	0	1105	495	67.4	19.7	
07/25/14	96	0	1040	485	62.5	16.9	
07/26/14	89	0	1108	518	65.1	18.4	
07/27/14	83	0	1013	497	64.4	18.0	
07/28/14	88	0	1138	528	66.6	19.2	c2
07/29/14	85	0	1152	499	67.3	19.6	
07/30/14	86	0	1145	573	61.2	16.2	
07/31/14					61.7	16.5	
08/01/14					61.4	16.3	
08/02/14					60.7	15.9	
08/03/14					61.6	16.4	
08/04/14					64.3	17.9	
08/05/14					64.9	18.3	
08/06/14					64.9	18.3	
08/07/14					65.2	18.4	
08/08/14					60.0	15.6	
08/09/14					62.3	16.8	
08/10/14					62.2	16.8	
08/11/14					64.9	18.3	
08/12/14					69.5	20.8	
08/13/14					67.0	19.4	
08/14/14					63.9	17.7	
08/15/14					61.2	16.2	
08/16/14					61.9	16.6	
08/17/14					62.0	16.7	
08/18/14					67.4	19.7	
08/19/14					68.2	20.1	
08/20/14					65.8	18.8	
08/21/14					68.5	20.3	
08/22/14					60.5	15.8	
08/23/14					59.3	15.2	
08/24/14					62.5	16.9	
08/25/14					68.3	20.2	
08/26/14					63.6	17.6	
08/27/14					62.4	16.9	
08/28/14					67.2	19.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69634 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.1	16.2	
08/30/14					61.2	16.2	
08/31/14					62.0	16.7	
09/01/14					59.9	15.5	
09/02/14					68.9	20.5	
09/03/14					67.9	19.9	
09/04/14					65.5	18.6	
09/05/14					60.9	16.1	
09/06/14					64.5	18.1	
09/07/14					59.5	15.3	
09/08/14					61.7	16.5	
09/09/14					65.9	18.8	
09/10/14					65.5	18.6	
09/11/14					65.3	18.5	
09/12/14					61.8	16.6	
09/13/14					56.7	13.7	
09/14/14					59.2	15.1	
09/15/14					60.6	15.9	
09/16/14					64.2	17.9	
09/17/14					63.1	17.3	
09/18/14					67.2	19.6	
09/19/14					60.7	15.9	
09/20/14					62.2	16.8	
09/21/14					61.4	16.3	
09/22/14					61.0	16.1	
09/23/14					61.8	16.6	
09/24/14					69.9	21.1	
09/25/14					64.9	18.3	
09/26/14	90	0	1238	598	59.5	15.3	
09/27/14					61.2	16.2	
09/28/14					59.9	15.5	
09/29/14					62.6	17.0	
09/30/14					62.1	16.7	
10/01/14					62.7	17.1	
10/02/14					60.3	15.7	
10/03/14					52.3	11.3	
10/04/14					52.1	11.2	
10/05/14					51.9	11.1	
10/06/14					65.7	18.7	
10/07/14					59.2	15.1	
10/08/14					61.4	16.3	
10/09/14					60.4	15.8	
10/10/14	83	0	1153	574	58.9	14.9	
10/11/14					57.6	14.2	
10/12/14					56.9	13.8	
10/13/14					56.4	13.6	
10/14/14					57.0	13.9	
10/15/14					62.5	16.9	
10/16/14					60.4	15.8	
10/17/14					57.0	13.9	
10/18/14					58.2	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69634 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.0	13.9	
10/20/14					56.0	13.3	
10/21/14					59.7	15.4	
10/22/14					61.9	16.6	
10/23/14					58.6	14.8	
10/24/14					56.4	13.6	
10/25/14					56.0	13.3	
10/26/14					58.0	14.4	
10/27/14					61.6	16.4	
10/28/14					56.6	13.7	
10/29/14					56.5	13.6	
10/30/14					56.9	13.8	
10/31/14					56.2	13.4	
11/01/14					55.8	13.2	
11/02/14					55.6	13.1	
11/03/14					59.0	15.0	
11/04/14					52.5	11.4	
11/05/14					56.2	13.4	
11/06/14					56.1	13.4	
11/07/14					49.6	9.8	
11/08/14					53.8	12.1	
11/09/14					49.3	9.6	
11/10/14					56.7	13.7	
11/11/14					53.1	11.7	
11/12/14	93	0	1190	539	48.3	9.1	
11/13/14					51.0	10.6	
11/14/14					53.5	11.9	
11/15/14					57.9	14.4	
11/16/14					54.3	12.4	
11/17/14					49.3	9.6	
11/18/14					52.8	11.6	
11/19/14					55.3	12.9	
11/20/14					57.4	14.1	
11/21/14					50.6	10.3	
11/22/14					50.7	10.4	
11/23/14					55.1	12.8	
11/24/14					52.3	11.3	
11/25/14					51.5	10.8	
11/26/14					50.6	10.3	
11/27/14					50.9	10.5	
11/28/14					54.2	12.3	
11/29/14					53.0	11.7	
11/30/14					56.9	13.8	
12/01/14					56.8	13.8	
12/02/14					57.0	13.9	
12/03/14					57.4	14.1	
12/04/14					55.6	13.1	
12/05/14					54.2	12.3	
12/06/14					56.7	13.7	
12/07/14					56.0	13.3	
12/08/14					56.2	13.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69634 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					56.0	13.3	
12/10/14	101	0	1341	523	57.0	13.9	
12/11/14					56.6	13.7	
12/12/14					54.7	12.6	
12/13/14					55.0	12.8	
12/14/14					54.9	12.7	
12/15/14							
12/16/14							
12/17/14					55.4	13.0	
12/18/14					53.5	11.9	
12/19/14					50.3	10.2	
12/20/14					48.4	9.1	
12/21/14					49.3	9.6	
12/22/14					58.1	14.5	
12/23/14					52.6	11.4	
12/24/14					46.9	8.3	
12/25/14					52.2	11.2	
12/26/14					51.7	10.9	
12/27/14					43.9	6.6	
12/28/14					42.6	5.9	
12/29/14					42.6	5.9	
12/30/14					47.2	8.4	
12/31/14					44.5	6.9	
01/01/15					45.7	7.6	
01/02/15					42.7	5.9	
01/03/15					43.9	6.6	
01/04/15					44.5	6.9	
01/05/15					50.2	10.1	
01/06/15					56.9	13.8	
01/07/15					56.1	13.4	
01/08/15					54.2	12.3	
01/09/15					55.1	12.8	
01/10/15					50.7	10.4	
01/11/15					50.9	10.5	
01/12/15					55.7	13.2	
01/13/15					52.8	11.6	
01/14/15	97	0	1073	485	54.8	12.7	
01/15/15					52.7	11.5	
01/16/15					48.0	8.9	
01/17/15					49.6	9.8	
01/18/15					46.7	8.2	
01/19/15					52.2	11.2	
01/20/15					56.2	13.4	
01/21/15					53.0	11.7	
01/22/15					52.5	11.4	
01/23/15					46.3	7.9	
01/24/15					48.3	9.1	
01/25/15					49.9	9.9	
01/26/15					57.2	14.0	
01/27/15					56.7	13.7	
01/28/15					59.1	15.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69634 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.4	13.6	
01/30/15					54.4	12.4	
01/31/15					53.3	11.8	
02/01/15					49.8	9.9	
02/02/15					56.1	13.4	
02/03/15					54.2	12.3	

Maximum	101	0	1341	598	72.4	22.4	
Minimum	83	0	1013	485	36.2	2.3	

Average	90	0	1141	526	58.8	14.9	
Std Dev	5	0	85	36	6.7	3.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69635 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.6	2.6	
05/20/14					39.1	3.9	
05/21/14					38.7	3.7	
05/22/14					47.4	8.6	
05/23/14					43.2	6.2	
05/24/14					63.4	17.4	
05/25/14					65.2	18.4	
05/26/14					63.0	17.2	
05/27/14					66.3	19.1	
05/28/14					68.2	20.1	
05/29/14					66.9	19.4	
05/30/14					65.3	18.5	
05/31/14					67.7	19.8	
06/01/14					66.3	19.1	
06/02/14					71.3	21.8	
06/03/14					73.3	22.9	
06/04/14					65.9	18.8	
06/05/14					64.5	18.1	
06/06/14					64.7	18.2	
06/07/14					65.7	18.7	
06/08/14					63.6	17.6	
06/09/14					69.1	20.6	
06/10/14					64.7	18.2	
06/11/14					65.7	18.7	
06/12/14					55.3	12.9	
06/13/14					64.2	17.9	
06/14/14					68.1	20.1	
06/15/14					59.4	15.2	
06/16/14					64.0	17.8	
06/17/14					67.9	19.9	
06/18/14					69.5	20.8	
06/19/14					66.2	19.0	
06/20/14					68.3	20.2	
06/21/14					62.3	16.8	
06/22/14					62.7	17.1	
06/23/14					70.6	21.4	
06/24/14					68.6	20.3	
06/25/14					67.3	19.6	
06/26/14					71.8	22.1	
06/27/14					64.3	17.9	
06/28/14					62.3	16.8	
06/29/14					62.3	16.8	
06/30/14					65.6	18.7	
07/01/14					70.9	21.6	
07/02/14					63.9	17.7	
07/03/14					70.1	21.2	
07/04/14					62.0	16.7	
07/05/14					62.9	17.2	
07/06/14					62.2	16.8	
07/07/14					72.3	22.4	
07/08/14					66.4	19.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69635 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.0	20.6	
07/10/14					68.0	20.0	
07/11/14					68.7	20.4	
07/12/14					64.6	18.1	
07/13/14					63.8	17.7	
07/14/14					65.3	18.5	
07/15/14					64.1	17.8	
07/16/14					67.3	19.6	
07/17/14					64.2	17.9	
07/18/14					71.8	22.1	
07/19/14					64.4	18.0	
07/20/14					62.5	16.9	
07/21/14					67.8	19.9	
07/22/14					69.9	21.1	
07/23/14					67.7	19.8	
07/24/14					68.9	20.5	
07/25/14					64.2	17.9	
07/26/14					67.1	19.5	
07/27/14					65.3	18.5	
07/28/14					69.7	20.9	
07/29/14					66.8	19.3	
07/30/14					62.7	17.1	
07/31/14					63.1	17.3	
08/01/14					62.0	16.7	
08/02/14					62.0	16.7	
08/03/14					61.4	16.3	
08/04/14					68.9	20.5	
08/05/14					67.3	19.6	
08/06/14					66.2	19.0	
08/07/14	118	99	2439	104	68.0	20.0	
08/08/14	175	159	3694	153	59.9	15.5	
08/09/14	89	100	2187	99	62.5	16.9	
08/10/14	165	175	3599	158	62.6	17.0	
08/11/14	162	154	3684	171	66.3	19.1	
08/12/14	142	146	3233	137	72.6	22.6	
08/13/14	173	172	3698	164	68.9	20.5	
08/14/14					65.3	18.5	
08/15/14					62.2	16.8	
08/16/14					63.1	17.3	
08/17/14					62.0	16.7	
08/18/14					69.8	21.0	
08/19/14					70.6	21.4	
08/20/14					67.7	19.8	
08/21/14					71.1	21.7	
08/22/14					61.9	16.6	
08/23/14					59.2	15.1	
08/24/14					63.7	17.6	
08/25/14					69.5	20.8	
08/26/14					65.4	18.6	
08/27/14					63.3	17.4	
08/28/14					69.7	20.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69635 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.6	16.4	
08/30/14					61.7	16.5	
08/31/14					62.4	16.9	
09/01/14					62.1	16.7	
09/02/14					72.3	22.4	
09/03/14					71.0	21.7	
09/04/14					66.3	19.1	
09/05/14					62.5	16.9	
09/06/14					67.2	19.6	
09/07/14					59.8	15.4	
09/08/14					62.8	17.1	
09/09/14					66.4	19.1	
09/10/14					66.3	19.1	
09/11/14					66.4	19.1	
09/12/14					62.1	16.7	
09/13/14					56.5	13.6	
09/14/14					59.5	15.3	
09/15/14					61.0	16.1	
09/16/14					67.0	19.4	
09/17/14					64.4	18.0	
09/18/14					70.7	21.5	
09/19/14					61.0	16.1	
09/20/14					62.0	16.7	
09/21/14					62.1	16.7	
09/22/14					62.3	16.8	
09/23/14	189	236	4696	141	62.8	17.1	
09/24/14					68.3	20.2	
09/25/14					68.2	20.1	
09/26/14					60.0	15.6	
09/27/14					61.6	16.4	
09/28/14					60.3	15.7	
09/29/14					63.4	17.4	
09/30/14					63.0	17.2	
10/01/14					64.4	18.0	
10/02/14					61.9	16.6	
10/03/14	174	175	4634	203	52.8	11.6	
10/04/14					52.2	11.2	
10/05/14					51.4	10.8	
10/06/14					67.9	19.9	c2
10/07/14					59.5	15.3	
10/08/14					61.6	16.4	
10/09/14					60.9	16.1	
10/10/14					59.1	15.1	
10/11/14					57.7	14.3	
10/12/14					57.0	13.9	
10/13/14					56.6	13.7	
10/14/14					57.4	14.1	
10/15/14					64.5	18.1	
10/16/14					61.3	16.3	
10/17/14					57.4	14.1	
10/18/14					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69635 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.2	14.0	
10/20/14					56.8	13.8	
10/21/14					60.0	15.6	
10/22/14					63.8	17.7	
10/23/14					59.1	15.1	
10/24/14					56.6	13.7	
10/25/14					56.1	13.4	
10/26/14					58.4	14.7	
10/27/14					62.7	17.1	
10/28/14					57.1	13.9	
10/29/14					56.6	13.7	
10/30/14					57.0	13.9	
10/31/14					56.0	13.3	
11/01/14					56.0	13.3	
11/02/14					55.9	13.3	
11/03/14					61.5	16.4	
11/04/14					55.0	12.8	
11/05/14					58.2	14.6	
11/06/14					58.7	14.8	
11/07/14	171	185	4255	201	51.7	10.9	
11/08/14					54.8	12.7	
11/09/14					51.2	10.7	
11/10/14					58.5	14.7	
11/11/14					54.3	12.4	
11/12/14					51.6	10.9	
11/13/14					53.9	12.2	
11/14/14					55.4	13.0	
11/15/14					58.1	14.5	
11/16/14					56.1	13.4	
11/17/14					52.2	11.2	
11/18/14					54.0	12.2	
11/19/14					57.1	13.9	
11/20/14					58.7	14.8	
11/21/14					53.2	11.8	
11/22/14					54.4	12.4	
11/23/14					56.6	13.7	
11/24/14					55.8	13.2	
11/25/14					54.0	12.2	
11/26/14					53.2	11.8	
11/27/14					53.5	11.9	
11/28/14					54.3	12.4	
11/29/14					55.0	12.8	
11/30/14					58.3	14.6	
12/01/14					57.5	14.2	
12/02/14					56.7	13.7	
12/03/14					57.9	14.4	
12/04/14					55.4	13.0	
12/05/14	177	151	3786	159	55.5	13.1	
12/06/14					57.7	14.3	
12/07/14					56.4	13.6	
12/08/14					56.7	13.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69635 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					56.1	13.4	
12/10/14					57.8	14.3	
12/11/14					56.8	13.8	
12/12/14					56.6	13.7	
12/13/14					56.1	13.4	
12/14/14					56.5	13.6	
12/15/14							
12/16/14							
12/17/14					53.2	11.8	
12/18/14					56.2	13.4	
12/19/14					51.9	11.1	
12/20/14					50.5	10.3	
12/21/14					52.1	11.2	
12/22/14					58.5	14.7	
12/23/14					52.7	11.5	
12/24/14					49.1	9.5	
12/25/14					54.7	12.6	
12/26/14					53.5	11.9	
12/27/14					46.0	7.8	
12/28/14					44.9	7.2	
12/29/14					44.9	7.2	
12/30/14					50.0	10.0	
12/31/14					46.9	8.3	
01/01/15					47.5	8.6	
01/02/15					45.5	7.5	
01/03/15					46.1	7.8	
01/04/15					47.1	8.4	
01/05/15					52.4	11.3	
01/06/15					57.1	13.9	
01/07/15					56.6	13.7	
01/08/15					54.1	12.3	
01/09/15	167	227	3857	197	55.2	12.9	
01/10/15					52.8	11.6	
01/11/15					54.8	12.7	
01/12/15					55.8	13.2	
01/13/15					53.7	12.1	
01/14/15					54.5	12.5	
01/15/15					54.7	12.6	
01/16/15					50.2	10.1	
01/17/15					48.5	9.2	
01/18/15					49.2	9.6	
01/19/15					52.2	11.2	
01/20/15					56.5	13.6	
01/21/15					54.6	12.6	
01/22/15					54.3	12.4	
01/23/15					47.7	8.7	
01/24/15					49.9	9.9	
01/25/15					51.6	10.9	
01/26/15					58.1	14.5	
01/27/15					57.6	14.2	
01/28/15					59.6	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69635 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					57.2	14.0	
01/30/15					55.8	13.2	
01/31/15					55.1	12.8	
02/01/15					51.8	11.0	
02/02/15					56.6	13.7	
02/03/15					56.7	13.7	

Maximum	189	236	4696	203	73.3	22.9	
Minimum	89	99	2187	99	36.6	2.6	

Average	159	165	3647	157	60.0	15.6	
Std Dev	27	40	723	33	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69636 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					35.2	1.8	
05/20/14					39.8	4.3	
05/21/14					39.5	4.2	
05/22/14					45.1	7.3	
05/23/14					45.4	7.4	
05/24/14					61.5	16.4	
05/25/14					52.0	11.1	
05/26/14					47.0	8.3	
05/27/14					58.2	14.6	
05/28/14					60.2	15.7	
05/29/14					62.9	17.2	
05/30/14					61.8	16.6	
05/31/14					57.4	14.1	
06/01/14					46.5	8.1	
06/02/14					58.1	14.5	
06/03/14					60.4	15.8	
06/04/14					60.1	15.6	
06/05/14					53.1	11.7	
06/06/14					62.5	16.9	
06/07/14					45.8	7.7	
06/08/14					55.8	13.2	
06/09/14					50.8	10.4	
06/10/14					45.5	7.5	
06/11/14					53.5	11.9	
06/12/14					73.7	23.2	
06/13/14					56.3	13.5	
06/14/14					67.8	19.9	
06/15/14					59.1	15.1	
06/16/14					65.2	18.4	
06/17/14					52.8	11.6	
06/18/14					56.9	13.8	
06/19/14					53.6	12.0	
06/20/14					54.4	12.4	
06/21/14					58.4	14.7	
06/22/14					60.0	15.6	
06/23/14					65.0	18.3	
06/24/14					58.9	14.9	
06/25/14					58.6	14.8	
06/26/14					67.3	19.6	
06/27/14					59.4	15.2	
06/28/14					62.5	16.9	
06/29/14					61.1	16.2	
06/30/14					58.9	14.9	
07/01/14					54.3	12.4	
07/02/14					52.5	11.4	
07/03/14					61.0	16.1	
07/04/14					60.9	16.1	
07/05/14					59.8	15.4	
07/06/14					59.2	15.1	
07/07/14					59.6	15.3	
07/08/14					60.6	15.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69636 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.6	18.1	
07/10/14					56.1	13.4	
07/11/14					64.3	17.9	
07/12/14					62.6	17.0	
07/13/14					58.9	14.9	
07/14/14					61.6	16.4	
07/15/14					59.2	15.1	
07/16/14					66.1	18.9	
07/17/14					57.3	14.1	
07/18/14					67.4	19.7	
07/19/14					56.2	13.4	
07/20/14					53.7	12.1	
07/21/14					64.7	18.2	
07/22/14					65.7	18.7	
07/23/14					63.3	17.4	
07/24/14	153	167	7317	323	65.9	18.8	
07/25/14	192	227	7657	352	62.3	16.8	
07/26/14	128	103	6668	288	55.4	13.0	
07/27/14	170	195	7437	317	61.8	16.6	
07/28/14	149	159	7330	304	73.5	23.1	c2
07/29/14	188	261	7693	358	70.4	21.3	
07/30/14	139	172	7202	293	62.7	17.1	
07/31/14					63.5	17.5	
08/01/14					62.5	16.9	
08/02/14					61.4	16.3	
08/03/14					60.7	15.9	
08/04/14					71.0	21.7	
08/05/14					61.1	16.2	
08/06/14					67.0	19.4	
08/07/14					66.8	19.3	
08/08/14					63.2	17.3	
08/09/14					61.5	16.4	
08/10/14					64.2	17.9	
08/11/14					67.2	19.6	
08/12/14					72.2	22.3	
08/13/14					67.8	19.9	
08/14/14					64.5	18.1	
08/15/14					61.3	16.3	
08/16/14					61.4	16.3	
08/17/14					62.7	17.1	
08/18/14					70.5	21.4	
08/19/14					73.0	22.8	
08/20/14					68.4	20.2	
08/21/14					71.2	21.8	
08/22/14					61.9	16.6	
08/23/14					57.4	14.1	
08/24/14					61.4	16.3	
08/25/14					70.1	21.2	
08/26/14					66.0	18.9	
08/27/14					63.2	17.3	
08/28/14					70.1	21.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69636 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.6	15.3	
08/30/14					60.5	15.8	
08/31/14					62.1	16.7	
09/01/14					68.7	20.4	
09/02/14					72.7	22.6	
09/03/14					74.4	23.6	
09/04/14					66.3	19.1	
09/05/14					60.9	16.1	
09/06/14					60.6	15.9	
09/07/14					58.3	14.6	
09/08/14					61.1	16.2	
09/09/14					67.0	19.4	
09/10/14					67.2	19.6	
09/11/14					67.1	19.5	
09/12/14					59.7	15.4	
09/13/14					55.0	12.8	
09/14/14					57.8	14.3	
09/15/14					59.8	15.4	
09/16/14					68.2	20.1	
09/17/14					63.7	17.6	
09/18/14					72.1	22.3	
09/19/14					60.1	15.6	
09/20/14					60.3	15.7	
09/21/14					61.0	16.1	
09/22/14					61.4	16.3	
09/23/14					62.6	17.0	
09/24/14					70.5	21.4	
09/25/14					68.2	20.1	
09/26/14					59.2	15.1	
09/27/14	114	125	5473	272	59.7	15.4	
09/28/14					59.0	15.0	
09/29/14					63.6	17.6	
09/30/14					63.1	17.3	
10/01/14					64.5	18.1	
10/02/14					61.2	16.2	
10/03/14					52.9	11.6	
10/04/14					52.2	11.2	
10/05/14					51.2	10.7	
10/06/14					68.8	20.4	
10/07/14					60.1	15.6	
10/08/14					61.4	16.3	
10/09/14					60.2	15.7	
10/10/14					58.0	14.4	
10/11/14					56.0	13.3	
10/12/14					55.7	13.2	
10/13/14					55.4	13.0	
10/14/14					56.7	13.7	
10/15/14	187	231	6645	398	64.8	18.2	
10/16/14					60.8	16.0	
10/17/14					56.8	13.8	
10/18/14					57.9	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

	69636 (Cell 1)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.9	13.3	
10/20/14					55.4	13.0	
10/21/14					59.2	15.1	
10/22/14					63.5	17.5	
10/23/14					58.8	14.9	
10/24/14					55.6	13.1	
10/25/14					54.7	12.6	
10/26/14					57.4	14.1	
10/27/14					62.3	16.8	
10/28/14					56.3	13.5	
10/29/14					55.1	12.8	
10/30/14					55.8	13.2	
10/31/14					55.1	12.8	
11/01/14					54.7	12.6	
11/02/14					54.5	12.5	
11/03/14					59.9	15.5	
11/04/14	203	179	6054	381	57.4	14.1	
11/05/14					58.7	14.8	
11/06/14					62.2	16.8	
11/07/14					56.1	13.4	
11/08/14					55.2	12.9	
11/09/14					54.4	12.4	
11/10/14					63.5	17.5	
11/11/14					55.7	13.2	
11/12/14					55.2	12.9	
11/13/14					54.8	12.7	
11/14/14					55.4	13.0	
11/15/14					54.0	12.2	
11/16/14					54.5	12.5	
11/17/14					54.4	12.4	
11/18/14					53.1	11.7	
11/19/14					53.8	12.1	
11/20/14					53.4	11.9	
11/21/14					54.2	12.3	
11/22/14					52.6	11.4	
11/23/14					55.0	12.8	
11/24/14					55.8	13.2	
11/25/14					52.2	11.2	
11/26/14					55.9	13.3	
11/27/14					52.6	11.4	
11/28/14					53.9	12.2	
11/29/14					55.0	12.8	
11/30/14					55.5	13.1	
12/01/14					55.6	13.1	
12/02/14					54.7	12.6	
12/03/14	228	283	6716	525	55.6	13.1	
12/04/14					54.8	12.7	
12/05/14					54.3	12.4	
12/06/14					53.8	12.1	
12/07/14					54.5	12.5	
12/08/14					55.3	12.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69636 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.8	12.7	
12/10/14					56.7	13.7	
12/11/14					55.5	13.1	
12/12/14					55.0	12.8	
12/13/14					52.8	11.6	
12/14/14					54.3	12.4	
12/15/14							
12/16/14							
12/17/14					50.8	10.4	
12/18/14					54.4	12.4	
12/19/14					51.6	10.9	
12/20/14					48.2	9.0	
12/21/14					52.5	11.4	
12/22/14					56.0	13.3	
12/23/14					52.6	11.4	
12/24/14					47.9	8.8	
12/25/14					53.1	11.7	
12/26/14					53.4	11.9	
12/27/14					45.0	7.2	
12/28/14					43.2	6.2	
12/29/14					43.8	6.6	
12/30/14					47.6	8.7	
12/31/14					44.6	7.0	
01/01/15					47.2	8.4	
01/02/15					43.6	6.4	
01/03/15					45.3	7.4	
01/04/15					45.8	7.7	
01/05/15					54.2	12.3	
01/06/15					56.2	13.4	
01/07/15	87	211	4283	348	56.3	13.5	
01/08/15					52.6	11.4	
01/09/15					53.8	12.1	
01/10/15					52.3	11.3	
01/11/15					52.5	11.4	
01/12/15					54.3	12.4	
01/13/15					53.8	12.1	
01/14/15					54.3	12.4	
01/15/15					54.8	12.7	
01/16/15					48.5	9.2	
01/17/15					49.8	9.9	
01/18/15					48.8	9.3	
01/19/15					51.3	10.7	
01/20/15					54.0	12.2	
01/21/15					54.3	12.4	
01/22/15					53.4	11.9	
01/23/15					45.2	7.3	
01/24/15					47.3	8.5	
01/25/15					49.6	9.8	
01/26/15					57.3	14.1	
01/27/15					55.7	13.2	
01/28/15					57.9	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69636 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.6	12.6	
01/30/15					54.7	12.6	
01/31/15					53.7	12.1	
02/01/15					51.0	10.6	
02/02/15					54.4	12.4	
02/03/15					54.9	12.7	

Maximum	228	283	7693	525	74.4	23.6	
Minimum	87	103	4283	272	35.2	1.8	

Average	162	193	6706	347	57.9	14.4	
Std Dev	39	51	968	65	6.7	3.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69637 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					38.4	3.6	
05/20/14					38.3	3.5	
05/21/14					40.0	4.4	
05/22/14					50.0	10.0	
05/23/14					47.9	8.8	
05/24/14					64.5	18.1	
05/25/14					66.0	18.9	
05/26/14					65.6	18.7	
05/27/14					67.2	19.6	
05/28/14					68.1	20.1	
05/29/14					66.4	19.1	
05/30/14					66.3	19.1	
05/31/14					67.7	19.8	
06/01/14					66.4	19.1	
06/02/14					71.6	22.0	
06/03/14					72.6	22.6	
06/04/14					65.4	18.6	
06/05/14					64.6	18.1	
06/06/14					65.2	18.4	
06/07/14					65.4	18.6	
06/08/14					63.5	17.5	
06/09/14					69.6	20.9	
06/10/14					63.6	17.6	
06/11/14					65.2	18.4	
06/12/14					53.7	12.1	
06/13/14					63.9	17.7	
06/14/14					64.1	17.8	
06/15/14					65.0	18.3	
06/16/14					63.7	17.6	
06/17/14					66.6	19.2	
06/18/14	165	153	904	152	69.4	20.8	
06/19/14	82	0	640	165	66.0	18.9	
06/20/14	152	215	785	199	68.4	20.2	
06/21/14	152	222	747	226	62.2	16.8	
06/22/14	160	173	758	216	61.3	16.3	
06/23/14	159	152	839	220	70.0	21.1	
06/24/14					68.2	20.1	
06/25/14					66.9	19.4	
06/26/14	154	188	811	200	70.5	21.4	a2, c2
06/27/14	22	0	201	52	64.7	18.2	
06/28/14	91	150	782	183	61.9	16.6	
06/29/14	133	150	875	237	61.9	16.6	
06/30/14	147	240	968	263	65.3	18.5	c4
07/01/14	55	57	614	149	70.1	21.2	
07/02/14	104	149	878	209	63.7	17.6	c1
07/03/14	77	62	770	179	70.1	21.2	
07/04/14	127	147	990	273	62.8	17.1	
07/05/14	73	141	760	168	62.9	17.2	
07/06/14	130	191	1049	250	62.3	16.8	
07/07/14	25	80	641	78	72.4	22.4	
07/08/14	116	138	1053	260	66.1	18.9	c4

Remediated Nitrate Salt Container Headspace Gas Analysis

69637 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14	62	104	866	199	63.2	17.3	
07/10/14	118	214	1158	279	67.9	19.9	
07/11/14	72	153	1066	240	68.2	20.1	
07/12/14	6	0	242	63	63.9	17.7	
07/13/14	70	234	1070	280	62.5	16.9	
07/14/14	121	257	1271	277	65.2	18.4	c4
07/15/14	60	179	1077	287	64.3	17.9	
07/16/14	69	140	890	177	66.5	19.2	
07/17/14					63.8	17.7	
07/18/14					70.8	21.6	
07/19/14					64.5	18.1	
07/20/14					62.5	16.9	
07/21/14					67.3	19.6	
07/22/14					68.0	20.0	
07/23/14					61.1	16.2	
07/24/14					67.1	19.5	
07/25/14					63.9	17.7	
07/26/14					67.0	19.4	
07/27/14					64.7	18.2	
07/28/14					69.3	20.7	
07/29/14					66.8	19.3	
07/30/14					62.8	17.1	
07/31/14					63.2	17.3	
08/01/14					62.3	16.8	
08/02/14					62.5	16.9	
08/03/14					61.9	16.6	
08/04/14					63.3	17.4	
08/05/14					67.2	19.6	
08/06/14					66.2	19.0	
08/07/14					67.5	19.7	
08/08/14					60.2	15.7	
08/09/14					62.5	16.9	
08/10/14					62.9	17.2	
08/11/14					65.0	18.3	
08/12/14					73.2	22.9	
08/13/14					67.6	19.8	
08/14/14					65.3	18.5	
08/15/14					62.7	17.1	
08/16/14					63.4	17.4	
08/17/14					62.3	16.8	
08/18/14					67.8	19.9	
08/19/14					70.9	21.6	
08/20/14					67.6	19.8	
08/21/14					71.0	21.7	
08/22/14					61.9	16.6	
08/23/14					59.3	15.2	
08/24/14					62.0	16.7	
08/25/14					68.8	20.4	
08/26/14					64.8	18.2	
08/27/14					63.8	17.7	
08/28/14					69.4	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69637 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.5	16.4	
08/30/14					61.5	16.4	
08/31/14					62.5	16.9	
09/01/14					62.1	16.7	
09/02/14					71.7	22.1	
09/03/14					70.8	21.6	
09/04/14					66.0	18.9	
09/05/14					62.7	17.1	
09/06/14					67.2	19.6	
09/07/14					59.6	15.3	
09/08/14					62.5	16.9	
09/09/14					66.4	19.1	
09/10/14					66.5	19.2	
09/11/14					65.9	18.8	
09/12/14					61.8	16.6	
09/13/14					56.9	13.8	
09/14/14					59.3	15.2	
09/15/14					60.6	15.9	
09/16/14					66.8	19.3	
09/17/14					64.1	17.8	
09/18/14					69.3	20.7	
09/19/14					60.8	16.0	
09/20/14					62.0	16.7	
09/21/14					62.1	16.7	
09/22/14					62.2	16.8	
09/23/14	117	312	2963	629	62.7	17.1	
09/24/14					68.8	20.4	
09/25/14					67.7	19.8	
09/26/14					59.7	15.4	
09/27/14					61.4	16.3	
09/28/14					60.0	15.6	
09/29/14					62.7	17.1	
09/30/14					62.0	16.7	
10/01/14	84	263	2677	594	64.1	17.8	
10/02/14					61.2	16.2	
10/03/14					52.2	11.2	
10/04/14					51.9	11.1	
10/05/14					51.2	10.7	
10/06/14					67.5	19.7	
10/07/14					59.7	15.4	
10/08/14					61.7	16.5	
10/09/14					60.3	15.7	
10/10/14					59.0	15.0	
10/11/14					57.9	14.4	
10/12/14					57.4	14.1	
10/13/14					57.1	13.9	
10/14/14					57.7	14.3	
10/15/14					63.7	17.6	
10/16/14					61.1	16.2	
10/17/14					57.0	13.9	
10/18/14					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69637 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.3	14.1	
10/20/14					57.2	14.0	
10/21/14					59.8	15.4	
10/22/14					63.5	17.5	
10/23/14					59.2	15.1	
10/24/14					56.7	13.7	
10/25/14					56.8	13.8	
10/26/14					58.5	14.7	
10/27/14					61.7	16.5	
10/28/14					56.9	13.8	
10/29/14					57.4	14.1	
10/30/14					57.8	14.3	
10/31/14					56.6	13.7	
11/01/14					56.3	13.5	
11/02/14					56.1	13.4	
11/03/14					59.9	15.5	
11/04/14					54.1	12.3	
11/05/14					57.4	14.1	
11/06/14					57.8	14.3	
11/07/14	54	210	2415	469	50.9	10.5	
11/08/14					54.0	12.2	
11/09/14					50.0	10.0	
11/10/14					57.6	14.2	
11/11/14					53.2	11.8	
11/12/14					49.9	9.9	
11/13/14					52.6	11.4	
11/14/14					55.1	12.8	
11/15/14					59.0	15.0	
11/16/14					55.6	13.1	
11/17/14					50.8	10.4	
11/18/14					53.6	12.0	
11/19/14					58.0	14.4	
11/20/14					55.8	13.2	
11/21/14					52.7	11.5	
11/22/14					52.6	11.4	
11/23/14					56.4	13.6	
11/24/14					54.5	12.5	
11/25/14					53.2	11.8	
11/26/14					52.3	11.3	
11/27/14					53.7	12.1	
11/28/14					54.6	12.6	
11/29/14					54.3	12.4	
11/30/14					58.7	14.8	
12/01/14					56.9	13.8	
12/02/14					55.5	13.1	
12/03/14					55.8	13.2	
12/04/14					54.7	12.6	
12/05/14	93	247	2694	582	55.8	13.2	
12/06/14					58.1	14.5	
12/07/14					57.7	14.3	
12/08/14					54.7	12.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69637 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.4	12.4	
12/10/14					58.1	14.5	
12/11/14					55.0	12.8	
12/12/14					56.1	13.4	
12/13/14					56.2	13.4	
12/14/14					56.4	13.6	
12/15/14							
12/16/14							
12/17/14					51.9	11.1	
12/18/14					55.8	13.2	
12/19/14					52.1	11.2	
12/20/14					50.2	10.1	
12/21/14					51.7	10.9	
12/22/14					58.2	14.6	
12/23/14					52.0	11.1	
12/24/14					49.2	9.6	
12/25/14					53.8	12.1	
12/26/14					52.1	11.2	
12/27/14					45.6	7.6	
12/28/14					44.8	7.1	
12/29/14					44.8	7.1	
12/30/14					48.9	9.4	
12/31/14					46.4	8.0	
01/01/15					46.4	8.0	
01/02/15					44.8	7.1	
01/03/15					46.1	7.8	
01/04/15					47.0	8.3	
01/05/15					51.5	10.8	
01/06/15					54.9	12.7	
01/07/15					56.6	13.7	
01/08/15					53.8	12.1	
01/09/15	97	271	2709	536	54.4	12.4	
01/10/15					52.5	11.4	
01/11/15					52.6	11.4	
01/12/15					54.3	12.4	
01/13/15					52.8	11.6	
01/14/15					53.2	11.8	
01/15/15					54.3	12.4	
01/16/15					49.9	9.9	
01/17/15					51.4	10.8	
01/18/15					48.6	9.2	
01/19/15					51.0	10.6	
01/20/15					56.0	13.3	
01/21/15					54.8	12.7	
01/22/15					54.8	12.7	
01/23/15					47.6	8.7	
01/24/15					49.5	9.7	
01/25/15					51.2	10.7	
01/26/15					59.4	15.2	
01/27/15					58.1	14.5	
01/28/15					59.0	15.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69637 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					57.8	14.3	
01/30/15					55.6	13.1	
01/31/15					55.5	13.1	
02/01/15					51.3	10.7	
02/02/15					55.9	13.3	
02/03/15					56.0	13.3	

Maximum	165	312	2963	629	73.2	22.9	
Minimum	6	0	201	52	38.3	3.5	

Average	98	162	1130	259	59.7	15.4	
Std Dev	43	79	710	145	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.2	0.7	
05/20/14					40.5	4.7	
05/21/14					39.9	4.4	
05/22/14					46.4	8.0	
05/23/14					43.1	6.2	
05/24/14					64.2	17.9	
05/25/14					65.8	18.8	
05/26/14					65.3	18.5	
05/27/14					67.0	19.4	
05/28/14					68.2	20.1	
05/29/14					66.6	19.2	
05/30/14					65.2	18.4	
05/31/14					67.7	19.8	
06/01/14					66.3	19.1	
06/02/14					71.6	22.0	
06/03/14					72.7	22.6	
06/04/14					65.7	18.7	
06/05/14					64.5	18.1	
06/06/14					64.0	17.8	
06/07/14					65.5	18.6	
06/08/14					63.2	17.3	
06/09/14					69.9	21.1	
06/10/14					63.3	17.4	
06/11/14					65.7	18.7	
06/12/14					56.0	13.3	
06/13/14					65.4	18.6	
06/14/14					64.7	18.2	
06/15/14					58.9	14.9	
06/16/14					63.7	17.6	
06/17/14					66.7	19.3	
06/18/14					69.8	21.0	
06/19/14					65.7	18.7	
06/20/14					68.4	20.2	
06/21/14					62.4	16.9	
06/22/14					62.0	16.7	
06/23/14					70.0	21.1	
06/24/14					68.3	20.2	
06/25/14					66.7	19.3	
06/26/14					71.2	21.8	
06/27/14					64.3	17.9	
06/28/14					61.9	16.6	
06/29/14					61.9	16.6	
06/30/14					65.1	18.4	
07/01/14					69.9	21.1	
07/02/14					63.7	17.6	
07/03/14					70.5	21.4	
07/04/14					62.4	16.9	
07/05/14					63.9	17.7	
07/06/14					62.9	17.2	
07/07/14					72.5	22.5	
07/08/14					66.7	19.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

69638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.7	17.6	
07/10/14					67.8	19.9	
07/11/14					68.1	20.1	
07/12/14					64.2	17.9	
07/13/14					62.7	17.1	
07/14/14					65.2	18.4	
07/15/14					64.3	17.9	
07/16/14					67.0	19.4	
07/17/14					64.2	17.9	
07/18/14					70.7	21.5	
07/19/14					64.0	17.8	
07/20/14					63.2	17.3	
07/21/14					67.2	19.6	
07/22/14					69.2	20.7	
07/23/14					68.1	20.1	
07/24/14					66.4	19.1	
07/25/14					64.0	17.8	
07/26/14					66.9	19.4	
07/27/14					64.7	18.2	
07/28/14					69.3	20.7	
07/29/14					66.7	19.3	
07/30/14					62.6	17.0	
07/31/14	460	363	7394	464	63.4	17.4	
08/01/14	441	275	6636	418	62.1	16.7	
08/02/14	415	365	6173	409	62.2	16.8	
08/03/14	472	451	7101	446	62.5	16.9	
08/04/14	402	348	6412	415	68.4	20.2	
08/05/14	462	437	7263	483	66.9	19.4	
08/06/14	356	279	6386	479	65.8	18.8	
08/07/14					67.7	19.8	
08/08/14					60.8	16.0	
08/09/14					62.4	16.9	
08/10/14					62.7	17.1	
08/11/14					65.8	18.8	
08/12/14					73.0	22.8	
08/13/14					68.4	20.2	
08/14/14					65.2	18.4	
08/15/14					62.4	16.9	
08/16/14					63.3	17.4	
08/17/14					62.2	16.8	
08/18/14					69.4	20.8	
08/19/14					70.2	21.2	
08/20/14					67.6	19.8	
08/21/14					70.9	21.6	
08/22/14					61.9	16.6	
08/23/14					59.2	15.1	
08/24/14					62.4	16.9	
08/25/14					68.8	20.4	
08/26/14					63.9	17.7	
08/27/14					63.2	17.3	
08/28/14					69.5	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.2	16.2	
08/30/14					61.5	16.4	
08/31/14					62.4	16.9	
09/01/14					61.8	16.6	
09/02/14					71.0	21.7	
09/03/14					70.5	21.4	
09/04/14					66.0	18.9	
09/05/14					62.5	16.9	
09/06/14					67.0	19.4	
09/07/14					59.6	15.3	
09/08/14					62.4	16.9	
09/09/14					66.0	18.9	
09/10/14					66.3	19.1	
09/11/14					66.1	18.9	
09/12/14					61.8	16.6	
09/13/14					56.8	13.8	
09/14/14					59.2	15.1	
09/15/14					60.8	16.0	
09/16/14					66.7	19.3	
09/17/14					64.1	17.8	
09/18/14					69.4	20.8	
09/19/14					60.8	16.0	
09/20/14					61.9	16.6	
09/21/14					62.1	16.7	
09/22/14					62.1	16.7	
09/23/14	522	537	9028	631	63.6	17.6	
09/24/14					68.7	20.4	
09/25/14					67.0	19.4	
09/26/14					59.7	15.4	
09/27/14					61.4	16.3	
09/28/14					60.0	15.6	
09/29/14					62.8	17.1	
09/30/14					62.3	16.8	
10/01/14	478	484	8434	649	63.7	17.6	
10/02/14					61.6	16.4	
10/03/14					52.6	11.4	
10/04/14					52.0	11.1	
10/05/14					51.3	10.7	
10/06/14					67.3	19.6	
10/07/14					59.4	15.2	
10/08/14					61.4	16.3	
10/09/14					60.2	15.7	
10/10/14					59.0	15.0	
10/11/14					57.6	14.2	
10/12/14					57.0	13.9	
10/13/14					56.7	13.7	
10/14/14					57.3	14.1	
10/15/14					63.8	17.7	
10/16/14					61.0	16.1	
10/17/14					58.2	14.6	
10/18/14					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.3	14.1	
10/20/14					56.3	13.5	
10/21/14					59.7	15.4	
10/22/14					63.5	17.5	
10/23/14					58.7	14.8	
10/24/14					56.7	13.7	
10/25/14					56.3	13.5	
10/26/14					58.0	14.4	
10/27/14					61.8	16.6	
10/28/14					56.6	13.7	
10/29/14					56.9	13.8	
10/30/14					57.1	13.9	
10/31/14					55.6	13.1	
11/01/14					56.1	13.4	
11/02/14					55.7	13.2	
11/03/14					59.6	15.3	
11/04/14					53.6	12.0	
11/05/14					57.1	13.9	
11/06/14					57.4	14.1	
11/07/14	499	493	7999	612	51.6	10.9	
11/08/14					53.8	12.1	
11/09/14					50.3	10.2	
11/10/14					57.6	14.2	
11/11/14					52.4	11.3	
11/12/14					48.7	9.3	
11/13/14					52.0	11.1	
11/14/14					54.5	12.5	
11/15/14					58.9	14.9	
11/16/14					54.7	12.6	
11/17/14					50.2	10.1	
11/18/14					53.2	11.8	
11/19/14					57.1	13.9	
11/20/14					58.9	14.9	
11/21/14					52.0	11.1	
11/22/14					52.1	11.2	
11/23/14					56.4	13.6	
11/24/14					54.6	12.6	
11/25/14					53.4	11.9	
11/26/14					52.0	11.1	
11/27/14					52.4	11.3	
11/28/14					54.3	12.4	
11/29/14					54.1	12.3	
11/30/14					58.1	14.5	
12/01/14					57.4	14.1	
12/02/14					56.6	13.7	
12/03/14					57.7	14.3	
12/04/14					55.9	13.3	
12/05/14	352	425	6073	480	54.7	12.6	
12/06/14					57.4	14.1	
12/07/14					56.6	13.7	
12/08/14					57.0	13.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					56.2	13.4	
12/10/14					57.7	14.3	
12/11/14					55.7	13.2	
12/12/14					55.9	13.3	
12/13/14					54.9	12.7	
12/14/14					55.7	13.2	
12/15/14							
12/16/14							
12/17/14					52.0	11.1	
12/18/14					55.1	12.8	
12/19/14					50.9	10.5	
12/20/14					50.0	10.0	
12/21/14					51.4	10.8	
12/22/14					56.0	13.3	
12/23/14					52.4	11.3	
12/24/14					49.1	9.5	
12/25/14					55.0	12.8	
12/26/14					52.7	11.5	
12/27/14					45.5	7.5	
12/28/14					43.3	6.3	
12/29/14					44.5	6.9	
12/30/14					48.5	9.2	
12/31/14					45.9	7.7	
01/01/15					47.2	8.4	
01/02/15					44.8	7.1	
01/03/15					46.2	7.9	
01/04/15					46.0	7.8	
01/05/15					51.7	10.9	
01/06/15					55.5	13.1	
01/07/15					55.8	13.2	
01/08/15					53.4	11.9	
01/09/15	503	523	7340	671	54.4	12.4	
01/10/15					52.0	11.1	
01/11/15					52.7	11.5	
01/12/15					53.9	12.2	
01/13/15					52.5	11.4	
01/14/15					53.3	11.8	
01/15/15					53.9	12.2	
01/16/15					49.0	9.4	
01/17/15					51.2	10.7	
01/18/15					47.6	8.7	
01/19/15					51.1	10.6	
01/20/15					55.5	13.1	
01/21/15					53.6	12.0	
01/22/15					53.2	11.8	
01/23/15					46.6	8.1	
01/24/15					48.9	9.4	
01/25/15					51.2	10.7	
01/26/15					59.2	15.1	
01/27/15					57.2	14.0	
01/28/15					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69638 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					57.4	14.1	
01/30/15					55.2	12.9	
01/31/15					55.0	12.8	
02/01/15					51.6	10.9	
02/02/15					54.7	12.6	
02/03/15					55.6	13.1	

Maximum	522	537	9028	671	73.0	22.8	
Minimum	352	275	6073	409	33.2	0.7	

Average	447	415	7187	513	59.6	15.3	
Std Dev	53	85	890	94	7.0	3.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

69639 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.5	2.5	
05/20/14					39.3	4.1	
05/21/14					40.1	4.5	
05/22/14					48.4	9.1	
05/23/14					47.9	8.8	
05/24/14					64.7	18.2	
05/25/14					66.9	19.4	
05/26/14					66.7	19.3	
05/27/14					67.8	19.9	
05/28/14					68.4	20.2	
05/29/14					66.8	19.3	
05/30/14					66.7	19.3	
05/31/14					68.0	20.0	
06/01/14					66.4	19.1	
06/02/14					71.7	22.1	
06/03/14					73.4	23.0	
06/04/14					65.9	18.8	
06/05/14					64.8	18.2	
06/06/14					64.2	17.9	
06/07/14					66.1	18.9	
06/08/14					63.6	17.6	
06/09/14					69.8	21.0	
06/10/14					63.7	17.6	
06/11/14					65.0	18.3	
06/12/14					54.0	12.2	
06/13/14					64.1	17.8	
06/14/14					64.5	18.1	
06/15/14					59.4	15.2	
06/16/14					63.8	17.7	
06/17/14					66.8	19.3	
06/18/14					69.4	20.8	
06/19/14					65.7	18.7	
06/20/14					68.2	20.1	
06/21/14					62.5	16.9	
06/22/14					61.8	16.6	
06/23/14					70.5	21.4	
06/24/14					68.3	20.2	
06/25/14					67.3	19.6	
06/26/14					70.9	21.6	
06/27/14					64.5	18.1	
06/28/14					62.3	16.8	
06/29/14					62.1	16.7	
06/30/14					65.5	18.6	
07/01/14					70.4	21.3	
07/02/14					63.6	17.6	
07/03/14					70.3	21.3	
07/04/14					63.5	17.5	
07/05/14					63.0	17.2	
07/06/14					62.6	17.0	
07/07/14					72.0	22.2	
07/08/14					66.4	19.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69639 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					66.4	19.1	
07/10/14					68.5	20.3	
07/11/14					68.7	20.4	
07/12/14					64.2	17.9	
07/13/14					62.8	17.1	
07/14/14					65.5	18.6	
07/15/14					64.2	17.9	
07/16/14					67.2	19.6	
07/17/14					64.2	17.9	
07/18/14					71.2	21.8	
07/19/14					64.5	18.1	
07/20/14					62.8	17.1	
07/21/14					67.1	19.5	
07/22/14					68.4	20.2	
07/23/14					67.5	19.7	
07/24/14					65.9	18.8	
07/25/14					64.0	17.8	
07/26/14					67.2	19.6	
07/27/14					64.8	18.2	
07/28/14					69.4	20.8	
07/29/14					66.7	19.3	
07/30/14					62.9	17.2	
07/31/14	134	109	10075	233	63.4	17.4	
08/01/14	120	85	9422	227	62.6	17.0	
08/02/14	131	96	9295	194	62.7	17.1	
08/03/14	125	105	9930	226	62.3	16.8	
08/04/14	125	80	9858	230	68.4	20.2	
08/05/14	125	111	10155	226	67.6	19.8	
08/06/14	112	89	9521	201	65.9	18.8	
08/07/14					67.8	19.9	
08/08/14					60.4	15.8	
08/09/14					62.7	17.1	
08/10/14					63.1	17.3	
08/11/14					65.8	18.8	
08/12/14					72.1	22.3	
08/13/14					67.3	19.6	
08/14/14					65.5	18.6	
08/15/14					62.7	17.1	
08/16/14					63.7	17.6	
08/17/14					62.6	17.0	
08/18/14					67.9	19.9	
08/19/14					70.4	21.3	
08/20/14					67.7	19.8	
08/21/14					70.6	21.4	
08/22/14					62.1	16.7	
08/23/14					59.6	15.3	
08/24/14					62.2	16.8	
08/25/14					68.4	20.2	
08/26/14					64.4	18.0	
08/27/14					63.4	17.4	
08/28/14					69.1	20.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69639 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.9	16.6	
08/30/14					61.8	16.6	
08/31/14					62.8	17.1	
09/01/14					63.4	17.4	
09/02/14					71.6	22.0	
09/03/14					70.2	21.2	
09/04/14					66.3	19.1	
09/05/14					63.0	17.2	
09/06/14					67.4	19.7	
09/07/14					59.8	15.4	
09/08/14					62.7	17.1	
09/09/14					66.0	18.9	
09/10/14					66.2	19.0	
09/11/14					66.3	19.1	
09/12/14					62.1	16.7	
09/13/14					57.1	13.9	
09/14/14					59.5	15.3	
09/15/14					61.1	16.2	
09/16/14					66.6	19.2	
09/17/14					64.0	17.8	
09/18/14					69.1	20.6	
09/19/14					61.0	16.1	
09/20/14					62.3	16.8	
09/21/14					62.3	16.8	
09/22/14					62.5	16.9	
09/23/14					62.9	17.2	
09/24/14	161	216	9855	292	68.0	20.0	
09/25/14					66.8	19.3	
09/26/14					60.0	15.6	
09/27/14					61.8	16.6	
09/28/14					60.1	15.6	
09/29/14					62.6	17.0	
09/30/14					62.3	16.8	
10/01/14					63.8	17.7	
10/02/14					61.4	16.3	
10/03/14	161	216	9851	292	52.5	11.4	
10/04/14					52.1	11.2	
10/05/14					52.1	11.2	
10/06/14					67.2	19.6	
10/07/14					59.7	15.4	
10/08/14					61.7	16.5	
10/09/14					60.6	15.9	
10/10/14					59.4	15.2	
10/11/14					58.3	14.6	
10/12/14					58.0	14.4	
10/13/14					57.5	14.2	
10/14/14					57.8	14.3	
10/15/14					63.7	17.6	
10/16/14					61.6	16.4	
10/17/14					57.7	14.3	
10/18/14					59.2	15.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69639 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.8	14.3	
10/20/14					57.1	13.9	
10/21/14					60.2	15.7	
10/22/14					63.6	17.6	
10/23/14					59.2	15.1	
10/24/14					57.4	14.1	
10/25/14					57.1	13.9	
10/26/14					58.8	14.9	
10/27/14					61.7	16.5	
10/28/14					57.3	14.1	
10/29/14					57.7	14.3	
10/30/14					58.0	14.4	
10/31/14					56.9	13.8	
11/01/14					56.9	13.8	
11/02/14					56.9	13.8	
11/03/14					59.7	15.4	
11/04/14					53.8	12.1	
11/05/14					56.9	13.8	
11/06/14					56.7	13.7	
11/07/14	155	182	7839	275	51.2	10.7	
11/08/14					53.0	11.7	
11/09/14					50.1	10.1	
11/10/14					57.4	14.1	
11/11/14					52.3	11.3	
11/12/14					48.6	9.2	
11/13/14					53.4	11.9	
11/14/14					56.2	13.4	
11/15/14					59.4	15.2	
11/16/14					56.0	13.3	
11/17/14					50.9	10.5	
11/18/14					55.1	12.8	
11/19/14					57.5	14.2	
11/20/14					57.6	14.2	
11/21/14					53.2	11.8	
11/22/14					53.2	11.8	
11/23/14					56.4	13.6	
11/24/14					55.4	13.0	
11/25/14					54.6	12.6	
11/26/14					53.6	12.0	
11/27/14					53.6	12.0	
11/28/14					55.2	12.9	
11/29/14					55.2	12.9	
11/30/14					59.1	15.1	
12/01/14					56.9	13.8	
12/02/14					56.2	13.4	
12/03/14					56.7	13.7	
12/04/14					54.8	12.7	
12/05/14	145	179	5946	254	56.5	13.6	
12/06/14					58.4	14.7	
12/07/14					58.3	14.6	
12/08/14					55.4	13.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69639 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.8	13.2	
12/10/14					57.4	14.1	
12/11/14					56.4	13.6	
12/12/14					57.1	13.9	
12/13/14					56.6	13.7	
12/14/14					57.4	14.1	
12/15/14							
12/16/14							
12/17/14					53.0	11.7	
12/18/14					56.2	13.4	
12/19/14					52.8	11.6	
12/20/14					51.0	10.6	
12/21/14					52.1	11.2	
12/22/14					58.3	14.6	
12/23/14					54.1	12.3	
12/24/14					50.8	10.4	
12/25/14					55.0	12.8	
12/26/14					53.0	11.7	
12/27/14					47.4	8.6	
12/28/14					45.4	7.4	
12/29/14					46.2	7.9	
12/30/14					50.9	10.5	
12/31/14					47.4	8.6	
01/01/15					47.8	8.8	
01/02/15					45.9	7.7	
01/03/15					46.9	8.3	
01/04/15					47.5	8.6	
01/05/15					52.5	11.4	
01/06/15					56.5	13.6	
01/07/15					56.9	13.8	
01/08/15					54.4	12.4	
01/09/15	147	207	5961	225	55.6	13.1	
01/10/15					53.4	11.9	
01/11/15					52.7	11.5	
01/12/15					55.2	12.9	
01/13/15					53.5	11.9	
01/14/15					53.7	12.1	
01/15/15					55.3	12.9	
01/16/15					50.8	10.4	
01/17/15					52.1	11.2	
01/18/15					49.7	9.8	
01/19/15					52.1	11.2	
01/20/15					56.4	13.6	
01/21/15					54.1	12.3	
01/22/15					53.5	11.9	
01/23/15					47.9	8.8	
01/24/15					50.6	10.3	
01/25/15					51.2	10.7	
01/26/15					59.3	15.2	
01/27/15					58.0	14.4	
01/28/15					59.2	15.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69639 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					57.0	13.9	
01/30/15					55.8	13.2	
01/31/15					55.9	13.3	
02/01/15					52.2	11.2	
02/02/15					56.6	13.7	
02/03/15					56.7	13.7	

Maximum	161	216	10155	292	73.4	23.0	
Minimum	112	80	5946	194	36.5	2.5	

Average	137	140	8976	240	60.1	15.6	
Std Dev	16	53	1472	31	6.6	3.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69641 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					34.5	1.4	
05/20/14					40.1	4.5	
05/21/14					39.4	4.1	
05/22/14					48.1	8.9	
05/23/14					45.3	7.4	
05/24/14					63.5	17.5	
05/25/14					54.3	12.4	
05/26/14					47.5	8.6	
05/27/14					58.1	14.5	
05/28/14					61.3	16.3	
05/29/14					63.0	17.2	
05/30/14					59.7	15.4	
05/31/14					57.5	14.2	
06/01/14					47.4	8.6	
06/02/14					57.6	14.2	
06/03/14					62.0	16.7	
06/04/14					61.1	16.2	
06/05/14					53.0	11.7	
06/06/14					60.4	15.8	
06/07/14					46.0	7.8	
06/08/14					55.9	13.3	
06/09/14					48.7	9.3	
06/10/14					46.1	7.8	
06/11/14					53.5	11.9	
06/12/14					72.0	22.2	
06/13/14					56.5	13.6	
06/14/14					67.0	19.4	
06/15/14					59.3	15.2	
06/16/14					67.5	19.7	
06/17/14					54.1	12.3	
06/18/14	176	222	681	265	57.5	14.2	
06/19/14	334	298	526	269	54.2	12.3	
06/20/14	86	173	597	231	54.8	12.7	
06/21/14	315	332	548	248	58.5	14.7	
06/22/14	331	306	712	321	60.1	15.6	
06/23/14	271	256	532	235	67.1	19.5	
06/24/14					59.0	15.0	
06/25/14					59.5	15.3	
06/26/14	281	253	838	318	68.7	20.4	c2
06/27/14	297	307	632	261	61.3	16.3	
06/28/14	156	235	765	289	62.2	16.8	
06/29/14	252	221	590	238	61.2	16.2	
06/30/14	187	258	890	389	59.9	15.5	c2
07/01/14	399	312	1057	359	55.0	12.8	
07/02/14	171	273	857	294	54.5	12.5	c1
07/03/14	406	340	1002	407	61.1	16.2	
07/04/14	135	157	643	264	60.5	15.8	
07/05/14	424	453	1211	489	59.6	15.3	
07/06/14	126	190	797	274	58.8	14.9	
07/07/14	416	406	1279	467	59.7	15.4	
07/08/14	341	398	1298	479	59.7	15.4	c2

Remediated Nitrate Salt Container Headspace Gas Analysis

69641 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14	398	381	1241	482	64.3	17.9	
07/10/14	207	367	1340	451	56.9	13.8	
07/11/14	353	337	1244	495	64.9	18.3	
07/12/14	146	347	1138	414	61.8	16.6	
07/13/14	286	319	1118	387	58.6	14.8	
07/14/14	317	444	1581	555	60.1	15.6	c2
07/15/14	463	446	1596	615	59.8	15.4	
07/16/14	282	338	1570	536	67.3	19.6	
07/17/14					57.5	14.2	
07/18/14					68.0	20.0	
07/19/14					56.1	13.4	
07/20/14					55.8	13.2	
07/21/14					64.5	18.1	
07/22/14					65.9	18.8	
07/23/14					63.6	17.6	
07/24/14					65.0	18.3	
07/25/14					62.3	16.8	
07/26/14					57.4	14.1	
07/27/14					62.2	16.8	
07/28/14					73.8	23.2	
07/29/14					70.1	21.2	
07/30/14					63.4	17.4	
07/31/14					63.4	17.4	
08/01/14					63.0	17.2	
08/02/14					62.4	16.9	
08/03/14					62.3	16.8	
08/04/14					70.3	21.3	
08/05/14					61.4	16.3	
08/06/14					67.2	19.6	
08/07/14					66.5	19.2	
08/08/14					63.5	17.5	
08/09/14					62.8	17.1	
08/10/14					64.6	18.1	
08/11/14					66.9	19.4	
08/12/14					71.6	22.0	
08/13/14					67.6	19.8	
08/14/14					64.9	18.3	
08/15/14					62.0	16.7	
08/16/14					62.0	16.7	
08/17/14					63.0	17.2	
08/18/14					70.7	21.5	
08/19/14					72.7	22.6	
08/20/14					68.1	20.1	
08/21/14					71.8	22.1	
08/22/14					62.9	17.2	
08/23/14					57.5	14.2	
08/24/14					61.5	16.4	
08/25/14					70.1	21.2	
08/26/14					66.2	19.0	
08/27/14					63.3	17.4	
08/28/14					69.4	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69641 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.1	15.6	
08/30/14					61.1	16.2	
08/31/14					63.0	17.2	
09/01/14					68.5	20.3	
09/02/14					72.4	22.4	
09/03/14					73.6	23.1	
09/04/14					67.5	19.7	
09/05/14					62.2	16.8	
09/06/14					61.4	16.3	
09/07/14					58.8	14.9	
09/08/14					61.5	16.4	
09/09/14					66.4	19.1	
09/10/14					66.8	19.3	
09/11/14					66.9	19.4	
09/12/14					60.4	15.8	
09/13/14					55.3	12.9	
09/14/14					58.7	14.8	
09/15/14					60.1	15.6	
09/16/14					68.2	20.1	
09/17/14					63.6	17.6	
09/18/14					71.5	21.9	
09/19/14					60.5	15.8	
09/20/14					60.7	15.9	
09/21/14					61.6	16.4	
09/22/14					62.0	16.7	
09/23/14					63.6	17.6	
09/24/14					70.3	21.3	
09/25/14					68.7	20.4	
09/26/14					59.5	15.3	
09/27/14	435	636	4462	1145	60.4	15.8	
09/28/14					59.8	15.4	
09/29/14					63.6	17.6	
09/30/14					64.0	17.8	
10/01/14					64.9	18.3	
10/02/14					61.6	16.4	
10/03/14					53.0	11.7	
10/04/14					52.4	11.3	
10/05/14					51.3	10.7	
10/06/14					68.6	20.3	
10/07/14					60.3	15.7	
10/08/14					62.0	16.7	
10/09/14					60.4	15.8	
10/10/14					58.2	14.6	
10/11/14					56.7	13.7	
10/12/14					56.6	13.7	
10/13/14					56.2	13.4	
10/14/14	436	712	5483	1367	57.4	14.1	
10/15/14					64.8	18.2	
10/16/14					60.7	15.9	
10/17/14					57.4	14.1	
10/18/14					58.1	14.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

69641 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.2	13.4	
10/20/14					55.9	13.3	
10/21/14					59.9	15.5	
10/22/14					64.1	17.8	
10/23/14					59.1	15.1	
10/24/14					56.2	13.4	
10/25/14					56.1	13.4	
10/26/14					57.8	14.3	
10/27/14					62.6	17.0	
10/28/14					56.7	13.7	
10/29/14					55.5	13.1	
10/30/14					57.1	13.9	
10/31/14					55.7	13.2	
11/01/14					55.1	12.8	
11/02/14					55.1	12.8	
11/03/14					60.5	15.8	
11/04/14					57.6	14.2	
11/05/14	485	665	5868	1440	58.8	14.9	
11/06/14					63.0	17.2	
11/07/14					56.0	13.3	
11/08/14					55.8	13.2	
11/09/14					54.6	12.6	
11/10/14					63.4	17.4	
11/11/14					56.0	13.3	
11/12/14					55.6	13.1	
11/13/14					54.4	12.4	
11/14/14					54.9	12.7	
11/15/14					54.4	12.4	
11/16/14					54.5	12.5	
11/17/14					54.5	12.5	
11/18/14					53.1	11.7	
11/19/14					54.5	12.5	
11/20/14					56.1	13.4	
11/21/14					53.7	12.1	
11/22/14					52.3	11.3	
11/23/14					54.7	12.6	
11/24/14					56.0	13.3	
11/25/14					52.6	11.4	
11/26/14					53.7	12.1	
11/27/14					52.9	11.6	
11/28/14					54.0	12.2	
11/29/14					54.6	12.6	
11/30/14					55.5	13.1	
12/01/14					56.2	13.4	
12/02/14	462	635	5407	1351	55.4	13.0	
12/03/14					56.2	13.4	
12/04/14					55.2	12.9	
12/05/14					54.3	12.4	
12/06/14					54.2	12.3	
12/07/14					54.6	12.6	
12/08/14					55.6	13.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69641 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.1	12.8	
12/10/14					57.2	14.0	
12/11/14					56.2	13.4	
12/12/14					54.5	12.5	
12/13/14					53.9	12.2	
12/14/14					54.4	12.4	
12/15/14							
12/16/14							
12/17/14					51.5	10.8	
12/18/14					54.5	12.5	
12/19/14					51.7	10.9	
12/20/14					48.3	9.1	
12/21/14					52.4	11.3	
12/22/14					56.4	13.6	
12/23/14					52.4	11.3	
12/24/14					48.5	9.2	
12/25/14					52.9	11.6	
12/26/14					52.5	11.4	
12/27/14					45.0	7.2	
12/28/14					43.4	6.3	
12/29/14					45.1	7.3	
12/30/14					48.3	9.1	
12/31/14					44.6	7.0	
01/01/15					47.3	8.5	
01/02/15					44.5	6.9	
01/03/15					45.4	7.4	
01/04/15					45.9	7.7	
01/05/15					53.8	12.1	
01/06/15	425	615	5638	1417	56.4	13.6	
01/07/15					56.4	13.6	
01/08/15					52.7	11.5	
01/09/15					53.5	11.9	
01/10/15					52.0	11.1	
01/11/15					52.3	11.3	
01/12/15					54.5	12.5	
01/13/15					53.6	12.0	
01/14/15					54.3	12.4	
01/15/15					54.6	12.6	
01/16/15					48.7	9.3	
01/17/15					50.1	10.1	
01/18/15					49.0	9.4	
01/19/15					50.8	10.4	
01/20/15					54.2	12.3	
01/21/15					54.3	12.4	
01/22/15					53.4	11.9	
01/23/15					46.3	7.9	
01/24/15					47.5	8.6	
01/25/15					49.9	9.9	
01/26/15					57.4	14.1	
01/27/15					56.0	13.3	
01/28/15					58.2	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69641 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.9	12.7	
01/30/15					54.1	12.3	
01/31/15					54.0	12.2	
02/01/15					50.8	10.4	
02/02/15					54.3	12.4	
02/03/15	492	660	5723	1445	54.7	12.6	

Maximum	492	712	5868	1445	73.8	23.2	
Minimum	86	157	526	231	34.5	1.4	

Average	312	372	1784	551	58.1	14.5	
Std Dev	116	152	1757	397	6.6	3.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69642 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					35.4	1.9	
05/20/14					38.6	3.7	
05/21/14					40.2	4.6	
05/22/14					46.8	8.2	
05/23/14					43.3	6.3	
05/24/14					63.5	17.5	
05/25/14					64.7	18.2	
05/26/14					63.4	17.4	
05/27/14					66.5	19.2	
05/28/14					68.2	20.1	
05/29/14					66.9	19.4	
05/30/14					65.4	18.6	
05/31/14					67.5	19.7	
06/01/14					65.0	18.3	
06/02/14					71.5	21.9	
06/03/14					72.7	22.6	
06/04/14					66.1	18.9	
06/05/14					64.5	18.1	
06/06/14					64.4	18.0	
06/07/14					65.9	18.8	
06/08/14					63.6	17.6	
06/09/14					69.4	20.8	
06/10/14					64.1	17.8	
06/11/14					65.6	18.7	
06/12/14					54.7	12.6	
06/13/14					64.9	18.3	
06/14/14					66.3	19.1	
06/15/14					58.9	14.9	
06/16/14					64.0	17.8	
06/17/14					67.4	19.7	
06/18/14	12	0	698	0	70.3	21.3	
06/19/14	51	0	1112	0	66.9	19.4	
06/20/14	4	0	589	33	68.5	20.3	
06/21/14	59	0	1166	94	61.9	16.6	
06/22/14	61	0	1207	104	62.2	16.8	
06/23/14	57	0	1160	110	70.9	21.6	
06/24/14					68.7	20.4	
06/25/14					67.4	19.7	
06/26/14	57	0	1204	85	71.0	21.7	c2
06/27/14	57	0	1172	96	64.8	18.2	
06/28/14	53	0	1215	87	62.1	16.7	
06/29/14	44	0	984	58	62.2	16.8	
06/30/14	5	0	538	32	65.9	18.8	c2
07/01/14	55	0	1334	103	71.6	22.0	
07/02/14	5	0	645	34	64.1	17.8	c1
07/03/14	58	0	1264	83	71.4	21.9	
07/04/14	3	0	428	34	62.6	17.0	
07/05/14	38	0	1045	82	63.0	17.2	
07/06/14	60	0	1378	82	62.5	16.9	
07/07/14	53	0	1437	73	73.1	22.8	
07/08/14	59	0	1462	83	66.5	19.2	c2

Remediated Nitrate Salt Container Headspace Gas Analysis

	69642 (Cell 2)						
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14	45	0	1315	91	69.4	20.8	
07/10/14	59	0	1519	91	68.5	20.3	
07/11/14	43	0	1129	77	68.9	20.5	
07/12/14	21	0	827	56	64.9	18.3	
07/13/14	55	0	1442	129	63.3	17.4	
07/14/14	57	0	1420	93	65.8	18.8	c2
07/15/14	64	0	1565	101	63.9	17.7	
07/16/14	45	0	1365	97	67.5	19.7	
07/17/14					65.1	18.4	
07/18/14					71.5	21.9	
07/19/14					64.5	18.1	
07/20/14					62.3	16.8	
07/21/14					68.2	20.1	
07/22/14					70.5	21.4	
07/23/14					67.9	19.9	
07/24/14					65.7	18.7	
07/25/14					64.0	17.8	
07/26/14					67.1	19.5	
07/27/14					64.7	18.2	
07/28/14					70.1	21.2	
07/29/14					67.0	19.4	
07/30/14					62.5	16.9	
07/31/14					63.1	17.3	
08/01/14					62.1	16.7	
08/02/14					61.4	16.3	
08/03/14					60.9	16.1	
08/04/14					68.8	20.4	
08/05/14					67.4	19.7	
08/06/14					66.3	19.1	
08/07/14					68.3	20.2	
08/08/14					59.5	15.3	
08/09/14					62.4	16.9	
08/10/14					62.4	16.9	
08/11/14					66.5	19.2	
08/12/14					73.7	23.2	
08/13/14					68.6	20.3	
08/14/14					65.6	18.7	
08/15/14					62.7	17.1	
08/16/14					62.8	17.1	
08/17/14					61.5	16.4	
08/18/14					69.9	21.1	
08/19/14					71.4	21.9	
08/20/14					68.8	20.4	
08/21/14					72.3	22.4	
08/22/14					61.7	16.5	
08/23/14					58.6	14.8	
08/24/14					62.7	17.1	
08/25/14					71.4	21.9	
08/26/14					65.5	18.6	
08/27/14					63.8	17.7	
08/28/14					69.9	21.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69642 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.1	16.2	
08/30/14					61.2	16.2	
08/31/14					61.8	16.6	
09/01/14					61.8	16.6	
09/02/14					72.7	22.6	
09/03/14					71.6	22.0	
09/04/14					66.6	19.2	
09/05/14					62.4	16.9	
09/06/14					67.5	19.7	
09/07/14					59.4	15.2	
09/08/14					61.8	16.6	
09/09/14					66.6	19.2	
09/10/14					66.6	19.2	
09/11/14					66.3	19.1	
09/12/14					61.6	16.4	
09/13/14					55.6	13.1	
09/14/14					58.6	14.8	
09/15/14					60.1	15.6	
09/16/14					67.1	19.5	
09/17/14					64.3	17.9	
09/18/14					70.6	21.4	
09/19/14					60.2	15.7	
09/20/14					61.6	16.4	
09/21/14					61.6	16.4	
09/22/14					61.7	16.5	
09/23/14	71	55	2471	170	62.7	17.1	
09/24/14					68.4	20.2	
09/25/14					68.0	20.0	
09/26/14					59.3	15.2	
09/27/14					61.2	16.2	
09/28/14					59.8	15.4	
09/29/14					63.3	17.4	
09/30/14					63.4	17.4	
10/01/14	53	67	1932	127	64.6	18.1	
10/02/14					61.5	16.4	
10/03/14					52.6	11.4	
10/04/14					51.5	10.8	
10/05/14					50.9	10.5	
10/06/14					68.2	20.1	
10/07/14					59.3	15.2	
10/08/14					61.6	16.4	
10/09/14					60.5	15.8	
10/10/14					58.8	14.9	
10/11/14					56.9	13.8	
10/12/14					56.7	13.7	
10/13/14					56.0	13.3	
10/14/14					57.0	13.9	
10/15/14					64.5	18.1	
10/16/14					61.5	16.4	
10/17/14					56.8	13.8	
10/18/14					58.0	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69642 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.3	13.5	
10/20/14					55.6	13.1	
10/21/14					59.6	15.3	
10/22/14					63.7	17.6	
10/23/14					59.0	15.0	
10/24/14					56.0	13.3	
10/25/14					55.4	13.0	
10/26/14					57.6	14.2	
10/27/14					62.6	17.0	
10/28/14					56.8	13.8	
10/29/14					55.9	13.3	
10/30/14					56.5	13.6	
10/31/14					55.6	13.1	
11/01/14					55.3	12.9	
11/02/14					55.0	12.8	
11/03/14					60.1	15.6	
11/04/14					56.5	13.6	
11/05/14	69	50	2348	189	58.4	14.7	
11/06/14					60.7	15.9	
11/07/14					53.8	12.1	
11/08/14					55.4	13.0	
11/09/14					52.6	11.4	
11/10/14					59.0	15.0	
11/11/14					55.4	13.0	
11/12/14					54.6	12.6	
11/13/14					53.9	12.2	
11/14/14					54.6	12.6	
11/15/14					56.7	13.7	
11/16/14					54.9	12.7	
11/17/14					54.4	12.4	
11/18/14					54.8	12.7	
11/19/14					55.7	13.2	
11/20/14					58.0	14.4	
11/21/14					52.5	11.4	
11/22/14					52.6	11.4	
11/23/14					55.9	13.3	
11/24/14					55.7	13.2	
11/25/14					53.9	12.2	
11/26/14					52.8	11.6	
11/27/14					52.6	11.4	
11/28/14					54.0	12.2	
11/29/14					54.6	12.6	
11/30/14					56.9	13.8	
12/01/14					56.8	13.8	
12/02/14					55.7	13.2	
12/03/14	64	92	2089	122	56.8	13.8	
12/04/14					54.2	12.3	
12/05/14					54.1	12.3	
12/06/14					56.0	13.3	
12/07/14					55.3	12.9	
12/08/14					56.2	13.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69642 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.5	13.1	
12/10/14					57.2	14.0	
12/11/14					56.7	13.7	
12/12/14					55.9	13.3	
12/13/14					55.3	12.9	
12/14/14					55.5	13.1	
12/15/14							
12/16/14							
12/17/14					53.2	11.8	
12/18/14					55.7	13.2	
12/19/14					51.6	10.9	
12/20/14					49.8	9.9	
12/21/14					50.9	10.5	
12/22/14					57.9	14.4	
12/23/14					52.9	11.6	
12/24/14					48.8	9.3	
12/25/14					54.2	12.3	
12/26/14					52.5	11.4	
12/27/14					44.7	7.1	
12/28/14					42.1	5.6	
12/29/14					44.3	6.8	
12/30/14					49.0	9.4	
12/31/14					45.9	7.7	
01/01/15					46.6	8.1	
01/02/15					43.4	6.3	
01/03/15					44.5	6.9	
01/04/15					45.5	7.5	
01/05/15					52.8	11.6	
01/06/15					57.7	14.3	
01/07/15	68	105	2095	120	57.0	13.9	
01/08/15					53.8	12.1	
01/09/15					54.4	12.4	
01/10/15					52.0	11.1	
01/11/15					52.3	11.3	
01/12/15					54.7	12.6	
01/13/15					53.0	11.7	
01/14/15					53.4	11.9	
01/15/15					54.8	12.7	
01/16/15					49.3	9.6	
01/17/15					48.3	9.1	
01/18/15					48.2	9.0	
01/19/15					51.2	10.7	
01/20/15					55.7	13.2	
01/21/15					53.7	12.1	
01/22/15					54.8	12.7	
01/23/15					46.7	8.2	
01/24/15					48.8	9.3	
01/25/15					50.5	10.3	
01/26/15					58.6	14.8	
01/27/15					57.2	14.0	
01/28/15					59.4	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69642 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.8	13.2	
01/30/15					54.9	12.7	
01/31/15					54.0	12.2	
02/01/15					50.6	10.3	
02/02/15					56.1	13.4	
02/03/15					56.5	13.6	

Maximum	71	105	2471	189	73.7	23.2	
Minimum	3	0	428	0	35.4	1.9	

Average	47	12	1299	86	59.8	15.4	
Std Dev	20	28	484	41	7.1	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

69644 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.8	1.0	
05/20/14					41.1	5.1	
05/21/14					41.3	5.2	
05/22/14					46.2	7.9	
05/23/14					47.2	8.4	
05/24/14					64.1	17.8	
05/25/14					65.6	18.7	
05/26/14					65.2	18.4	
05/27/14					66.9	19.4	
05/28/14					68.6	20.3	
05/29/14					67.7	19.8	
05/30/14					65.2	18.4	
05/31/14					67.8	19.9	
06/01/14					66.1	18.9	
06/02/14					71.1	21.7	
06/03/14					72.5	22.5	
06/04/14					66.0	18.9	
06/05/14					64.4	18.0	
06/06/14					63.8	17.7	
06/07/14					65.7	18.7	
06/08/14					63.5	17.5	
06/09/14					69.7	20.9	
06/10/14					63.3	17.4	
06/11/14					64.6	18.1	
06/12/14					59.4	15.2	
06/13/14					65.1	18.4	
06/14/14					64.2	17.9	
06/15/14					60.5	15.8	
06/16/14					63.7	17.6	
06/17/14					66.7	19.3	
06/18/14					69.0	20.6	
06/19/14					65.8	18.8	
06/20/14					69.0	20.6	
06/21/14					62.1	16.7	
06/22/14					62.0	16.7	
06/23/14					69.8	21.0	
06/24/14					69.1	20.6	
06/25/14					66.5	19.2	
06/26/14					70.4	21.3	
06/27/14					65.4	18.6	
06/28/14					62.0	16.7	
06/29/14					61.7	16.5	
06/30/14					65.4	18.6	
07/01/14					69.9	21.1	
07/02/14					64.0	17.8	
07/03/14					70.6	21.4	
07/04/14					62.6	17.0	
07/05/14					62.7	17.1	
07/06/14					62.3	16.8	
07/07/14					71.1	21.7	
07/08/14					65.6	18.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69644 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.7	18.2	
07/10/14					67.6	19.8	
07/11/14					68.1	20.1	
07/12/14					64.4	18.0	
07/13/14					62.9	17.2	
07/14/14					65.4	18.6	
07/15/14					64.1	17.8	
07/16/14					66.9	19.4	
07/17/14					64.5	18.1	
07/18/14					70.6	21.4	
07/19/14					64.1	17.8	
07/20/14					62.6	17.0	
07/21/14					66.3	19.1	
07/22/14					69.1	20.6	
07/23/14					67.6	19.8	
07/24/14					66.2	19.0	
07/25/14					63.8	17.7	
07/26/14					67.2	19.6	
07/27/14					64.7	18.2	
07/28/14					68.8	20.4	
07/29/14					66.2	19.0	
07/30/14					62.4	16.9	
07/31/14	138	336	9910	2316	63.0	17.2	
08/01/14	100	336	8703	1980	62.3	16.8	
08/02/14	127	212	8354	1916	62.1	16.7	
08/03/14	114	290	9913	2299	62.0	16.7	
08/04/14	133	244	8546	1986	68.0	20.0	
08/05/14	119	287	9938	2306	66.6	19.2	
08/06/14	139	277	9348	2182	65.8	18.8	
08/07/14					67.3	19.6	
08/08/14					60.2	15.7	
08/09/14					62.7	17.1	
08/10/14					62.9	17.2	
08/11/14					65.7	18.7	
08/12/14					71.6	22.0	
08/13/14					68.1	20.1	
08/14/14					65.1	18.4	
08/15/14					62.4	16.9	
08/16/14					63.2	17.3	
08/17/14					62.2	16.8	
08/18/14					68.8	20.4	
08/19/14					69.9	21.1	
08/20/14					67.3	19.6	
08/21/14					70.6	21.4	
08/22/14					61.9	16.6	
08/23/14					59.5	15.3	
08/24/14					62.6	17.0	
08/25/14					68.3	20.2	
08/26/14					64.7	18.2	
08/27/14					63.3	17.4	
08/28/14					68.7	20.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69644 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.5	16.4	
08/30/14					61.7	16.5	
08/31/14					62.3	16.8	
09/01/14					62.3	16.8	
09/02/14					70.6	21.4	
09/03/14					69.8	21.0	
09/04/14					65.9	18.8	
09/05/14					62.4	16.9	
09/06/14					66.9	19.4	
09/07/14					59.6	15.3	
09/08/14					62.5	16.9	
09/09/14					65.8	18.8	
09/10/14					66.0	18.9	
09/11/14					65.8	18.8	
09/12/14					61.9	16.6	
09/13/14					57.0	13.9	
09/14/14					59.3	15.2	
09/15/14					60.8	16.0	
09/16/14					66.2	19.0	
09/17/14					63.8	17.7	
09/18/14					70.1	21.2	
09/19/14					60.9	16.1	
09/20/14					62.0	16.7	
09/21/14					62.1	16.7	
09/22/14					62.1	16.7	
09/23/14	227	437	9808	2434	62.7	17.1	
09/24/14					69.0	20.6	
09/25/14					66.2	19.0	
09/26/14					59.8	15.4	
09/27/14					61.9	16.6	
09/28/14					60.0	15.6	
09/29/14					63.2	17.3	
09/30/14					62.7	17.1	
10/01/14					63.8	17.7	
10/02/14					61.4	16.3	
10/03/14	210	410	8617	2160	52.9	11.6	
10/04/14					52.2	11.2	
10/05/14					51.6	10.9	
10/06/14					66.8	19.3	
10/07/14					59.6	15.3	
10/08/14					61.7	16.5	
10/09/14					61.4	16.3	
10/10/14					58.9	14.9	
10/11/14					57.7	14.3	
10/12/14					57.2	14.0	
10/13/14					56.6	13.7	
10/14/14					57.4	14.1	
10/15/14					63.6	17.6	
10/16/14					61.3	16.3	
10/17/14					57.9	14.4	
10/18/14					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69644 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.2	14.0	
10/20/14					56.5	13.6	
10/21/14					59.7	15.4	
10/22/14					63.4	17.4	
10/23/14					59.1	15.1	
10/24/14					56.9	13.8	
10/25/14					56.2	13.4	
10/26/14					58.1	14.5	
10/27/14					62.0	16.7	
10/28/14					57.1	13.9	
10/29/14					56.7	13.7	
10/30/14					57.0	13.9	
10/31/14					56.1	13.4	
11/01/14					56.2	13.4	
11/02/14					56.6	13.7	
11/03/14					59.5	15.3	
11/04/14					52.9	11.6	
11/05/14					56.0	13.3	
11/06/14					56.0	13.3	
11/07/14	130	321	6148	1511	49.5	9.7	
11/08/14					52.7	11.5	
11/09/14					49.2	9.6	
11/10/14					56.6	13.7	
11/11/14					51.4	10.8	
11/12/14					47.8	8.8	
11/13/14					52.6	11.4	
11/14/14					54.6	12.6	
11/15/14					58.9	14.9	
11/16/14					55.2	12.9	
11/17/14					49.7	9.8	
11/18/14					55.5	13.1	
11/19/14					56.3	13.5	
11/20/14					57.0	13.9	
11/21/14					52.7	11.5	
11/22/14					53.0	11.7	
11/23/14					55.9	13.3	
11/24/14					54.3	12.4	
11/25/14					52.9	11.6	
11/26/14					52.4	11.3	
11/27/14					52.8	11.6	
11/28/14					53.9	12.2	
11/29/14					54.1	12.3	
11/30/14					57.7	14.3	
12/01/14					58.8	14.9	
12/02/14					56.5	13.6	
12/03/14					57.1	13.9	
12/04/14					55.0	12.8	
12/05/14	200	281	5139	1243	55.6	13.1	
12/06/14					57.1	13.9	
12/07/14					56.8	13.8	
12/08/14					56.1	13.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

69644 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.6	13.1	
12/10/14					56.6	13.7	
12/11/14					56.5	13.6	
12/12/14					56.6	13.7	
12/13/14					55.8	13.2	
12/14/14					56.3	13.5	
12/15/14							
12/16/14							
12/17/14					53.2	11.8	
12/18/14					55.2	12.9	
12/19/14					51.5	10.8	
12/20/14					50.4	10.2	
12/21/14					51.7	10.9	
12/22/14					56.9	13.8	
12/23/14					52.5	11.4	
12/24/14					49.6	9.8	
12/25/14					53.7	12.1	
12/26/14					52.8	11.6	
12/27/14					45.9	7.7	
12/28/14					43.8	6.6	
12/29/14					44.4	6.9	
12/30/14					49.6	9.8	
12/31/14					46.6	8.1	
01/01/15					46.8	8.2	
01/02/15					44.9	7.2	
01/03/15					45.6	7.6	
01/04/15					46.2	7.9	
01/05/15					51.3	10.7	
01/06/15					56.8	13.8	
01/07/15					55.6	13.1	
01/08/15					53.4	11.9	
01/09/15	233	368	5300	1319	54.2	12.3	
01/10/15					52.2	11.2	
01/11/15					52.3	11.3	
01/12/15					54.1	12.3	
01/13/15					52.8	11.6	
01/14/15					53.2	11.8	
01/15/15					53.8	12.1	
01/16/15					49.4	9.7	
01/17/15					51.9	11.1	
01/18/15					48.7	9.3	
01/19/15					51.1	10.6	
01/20/15					55.2	12.9	
01/21/15					53.7	12.1	
01/22/15					52.6	11.4	
01/23/15					47.3	8.5	
01/24/15					49.4	9.7	
01/25/15					51.1	10.6	
01/26/15					58.6	14.8	
01/27/15					56.5	13.6	
01/28/15					58.4	14.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

69644 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.4	13.6	
01/30/15					55.5	13.1	
01/31/15					54.8	12.7	
02/01/15					51.4	10.8	
02/02/15					55.8	13.2	
02/03/15					54.4	12.4	

Maximum	233	437	9938	2434	72.5	22.5	
Minimum	100	212	5139	1243	33.8	1.0	

Average	156	317	8310	1971	59.6	15.3	
Std Dev	45	63	1713	388	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

69645 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.9	2.7	
05/20/14					38.9	3.8	
05/21/14					39.9	4.4	
05/22/14					47.2	8.4	
05/23/14					40.8	4.9	
05/24/14					64.8	18.2	
05/25/14					60.1	15.6	
05/26/14					53.7	12.1	
05/27/14					53.6	12.0	
05/28/14					62.3	16.8	
05/29/14					62.0	16.7	
05/30/14					58.2	14.6	
05/31/14					54.0	12.2	
06/01/14					45.1	7.3	
06/02/14					55.8	13.2	
06/03/14					59.7	15.4	
06/04/14					59.7	15.4	
06/05/14					57.3	14.1	
06/06/14					55.8	13.2	
06/07/14					48.2	9.0	
06/08/14					53.2	11.8	
06/09/14					48.1	8.9	
06/10/14					46.0	7.8	
06/11/14					50.7	10.4	
06/12/14					56.6	13.7	
06/13/14					64.2	17.9	
06/14/14					69.4	20.8	
06/15/14					67.2	19.6	
06/16/14					71.2	21.8	
06/17/14					61.5	16.4	
06/18/14					62.2	16.8	
06/19/14					60.3	15.7	
06/20/14					61.0	16.1	
06/21/14					68.1	20.1	
06/22/14					66.1	18.9	
06/23/14					68.8	20.4	
06/24/14					64.7	18.2	
06/25/14					64.5	18.1	
06/26/14					70.9	21.6	
06/27/14					64.0	17.8	
06/28/14					69.3	20.7	
06/29/14					65.8	18.8	
06/30/14					64.4	18.0	
07/01/14					64.9	18.3	
07/02/14					63.3	17.4	
07/03/14					66.0	18.9	
07/04/14					64.7	18.2	
07/05/14					64.4	18.0	
07/06/14					63.3	17.4	
07/07/14					68.1	20.1	
07/08/14					66.5	19.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69645 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.1	20.6	
07/10/14					64.2	17.9	
07/11/14					68.5	20.3	
07/12/14					64.9	18.3	
07/13/14					64.2	17.9	
07/14/14					66.9	19.4	
07/15/14					64.9	18.3	
07/16/14					67.8	19.9	
07/17/14	198	529	12633	2064	64.3	17.9	
07/18/14	48	201	6662	1115	70.3	21.3	
07/19/14	180	497	12558	2089	63.8	17.7	
07/20/14	73	349	10526	1697	62.0	16.7	
07/21/14	207	560	13468	2200	68.8	20.4	
07/22/14	107	390	12673	2178	69.3	20.7	
07/23/14	182	361	11764	1844	69.4	20.8	
07/24/14	84	345	11099	1811	69.5	20.8	
07/25/14	206	488	12515	2079	68.2	20.1	
07/26/14	67	286	10023	1654	64.7	18.2	
07/27/14	147	389	10294	1691	66.2	19.0	
07/28/14	72	400	11331	1862	69.9	21.1	c2
07/29/14	193	520	13579	2240	68.4	20.2	
07/30/14	52	316	8656	1343	62.9	17.2	
07/31/14					63.6	17.6	
08/01/14					63.7	17.6	
08/02/14					62.9	17.2	
08/03/14					61.1	16.2	
08/04/14					68.6	20.3	
08/05/14					62.5	16.9	
08/06/14					66.9	19.4	
08/07/14					65.7	18.7	
08/08/14					63.1	17.3	
08/09/14					62.5	16.9	
08/10/14					63.7	17.6	
08/11/14					65.6	18.7	
08/12/14					69.8	21.0	
08/13/14					67.1	19.5	
08/14/14					64.3	17.9	
08/15/14					62.8	17.1	
08/16/14					62.1	16.7	
08/17/14					63.5	17.5	
08/18/14					68.6	20.3	
08/19/14					70.7	21.5	
08/20/14					67.6	19.8	
08/21/14					70.6	21.4	
08/22/14					63.5	17.5	
08/23/14					57.8	14.3	
08/24/14					60.0	15.6	
08/25/14					69.0	20.6	
08/26/14					64.6	18.1	
08/27/14					64.8	18.2	
08/28/14					69.0	20.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69645 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.3	15.7	
08/30/14					60.2	15.7	
08/31/14					61.9	16.6	
09/01/14					66.5	19.2	
09/02/14					71.2	21.8	
09/03/14					71.9	22.2	
09/04/14					65.9	18.8	
09/05/14					62.8	17.1	
09/06/14					62.4	16.9	
09/07/14					59.1	15.1	
09/08/14					62.5	16.9	
09/09/14					68.0	20.0	
09/10/14					65.5	18.6	
09/11/14					66.3	19.1	
09/12/14					60.0	15.6	
09/13/14					56.5	13.6	
09/14/14					59.1	15.1	
09/15/14					60.2	15.7	
09/16/14					66.4	19.1	
09/17/14					65.0	18.3	
09/18/14					69.1	20.6	
09/19/14					60.5	15.8	
09/20/14					61.4	16.3	
09/21/14					62.9	17.2	
09/22/14					62.8	17.1	
09/23/14					63.2	17.3	
09/24/14					69.9	21.1	
09/25/14					67.7	19.8	
09/26/14					59.7	15.4	
09/27/14					60.5	15.8	
09/28/14					59.0	15.0	
09/29/14					63.5	17.5	
09/30/14	225	644	15582	2627	63.2	17.3	
10/01/14					64.8	18.2	
10/02/14					62.9	17.2	
10/03/14					51.9	11.1	
10/04/14					51.5	10.8	
10/05/14					50.6	10.3	
10/06/14					67.1	19.5	
10/07/14					60.3	15.7	
10/08/14					61.7	16.5	
10/09/14					61.2	16.2	
10/10/14					60.3	15.7	
10/11/14					58.8	14.9	
10/12/14					57.8	14.3	
10/13/14					56.4	13.6	
10/14/14					57.7	14.3	
10/15/14					63.8	17.7	
10/16/14					60.9	16.1	
10/17/14					58.0	14.4	
10/18/14					59.2	15.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

69645 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.6	14.2	
10/20/14					57.2	14.0	
10/21/14	169	496	12587	2063	61.2	16.2	
10/22/14					64.5	18.1	
10/23/14					60.1	15.6	
10/24/14					56.9	13.8	
10/25/14					56.9	13.8	
10/26/14					58.9	14.9	
10/27/14					62.8	17.1	
10/28/14					58.2	14.6	
10/29/14					56.3	13.5	
10/30/14					57.3	14.1	
10/31/14					55.9	13.3	
11/01/14					57.0	13.9	
11/02/14					56.6	13.7	
11/03/14					58.5	14.7	
11/04/14					47.5	8.6	
11/05/14					53.5	11.9	
11/06/14					50.9	10.5	
11/07/14					43.9	6.6	
11/08/14					46.9	8.3	
11/09/14					43.3	6.3	
11/10/14					54.2	12.3	
11/11/14					44.9	7.2	
11/12/14	317	430	10492	1796	41.6	5.3	
11/13/14					53.6	12.0	
11/14/14					55.2	12.9	
11/15/14					55.8	13.2	
11/16/14					54.4	12.4	
11/17/14					44.4	6.9	
11/18/14					52.1	11.2	
11/19/14					55.5	13.1	
11/20/14					57.1	13.9	
11/21/14					53.6	12.0	
11/22/14					52.7	11.5	
11/23/14					52.2	11.2	
11/24/14					54.6	12.6	
11/25/14					53.3	11.8	
11/26/14					53.5	11.9	
11/27/14					53.5	11.9	
11/28/14					54.1	12.3	
11/29/14					54.6	12.6	
11/30/14					55.8	13.2	
12/01/14					56.5	13.6	
12/02/14					55.8	13.2	
12/03/14					56.9	13.8	
12/04/14					56.2	13.4	
12/05/14					55.1	12.8	
12/06/14					56.4	13.6	
12/07/14					55.6	13.1	
12/08/14					55.7	13.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

69645 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.9	13.3	
12/10/14	249	516	10865	1662	58.3	14.6	
12/11/14					54.9	12.7	
12/12/14					54.9	12.7	
12/13/14					55.5	13.1	
12/14/14					55.5	13.1	
12/15/14					55.1	12.8	
12/16/14							
12/17/14					55.1	12.8	
12/18/14					55.5	13.1	
12/19/14					52.0	11.1	
12/20/14					50.1	10.1	
12/21/14					52.9	11.6	
12/22/14					57.3	14.1	
12/23/14					54.6	12.6	
12/24/14					50.0	10.0	
12/25/14					53.2	11.8	
12/26/14					53.2	11.8	
12/27/14					46.9	8.3	
12/28/14					45.9	7.7	
12/29/14					46.4	8.0	
12/30/14					49.2	9.6	
12/31/14					46.6	8.1	
01/01/15					48.1	8.9	
01/02/15					45.9	7.7	
01/03/15					47.0	8.3	
01/04/15					46.8	8.2	
01/05/15					53.2	11.8	
01/06/15					56.2	13.4	
01/07/15					56.1	13.4	
01/08/15					53.5	11.9	
01/09/15					53.9	12.2	
01/10/15					52.8	11.6	
01/11/15					53.0	11.7	
01/12/15					53.8	12.1	
01/13/15					54.1	12.3	
01/14/15	261	496	10109	1643	54.6	12.6	
01/15/15					54.2	12.3	
01/16/15					49.4	9.7	
01/17/15					51.2	10.7	
01/18/15					49.4	9.7	
01/19/15					51.4	10.8	
01/20/15					55.3	12.9	
01/21/15					54.7	12.6	
01/22/15					50.1	10.1	
01/23/15					47.6	8.7	
01/24/15					48.8	9.3	
01/25/15					50.0	10.0	
01/26/15					59.0	15.0	
01/27/15					56.7	13.7	
01/28/15					60.1	15.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

69645 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.8	13.2	
01/30/15					54.4	12.4	
01/31/15					55.2	12.9	
02/01/15					52.0	11.1	
02/02/15					55.0	12.8	
02/03/15					54.8	12.7	

Maximum	317	644	15582	2627	71.9	22.2	
Minimum	48	201	6662	1115	36.9	2.7	

Average	160	432	11443	1877	58.7	14.8	
Std Dev	77	106	1926	336	7.1	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

93605 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					35.2	1.8	
05/20/14					39.0	3.9	
05/21/14					39.6	4.2	
05/22/14					47.1	8.4	
05/23/14					47.3	8.5	
05/24/14					64.3	17.9	
05/25/14					60.0	15.6	
05/26/14					52.4	11.3	
05/27/14					53.7	12.1	
05/28/14					61.5	16.4	
05/29/14					62.4	16.9	
05/30/14					59.1	15.1	
05/31/14					53.8	12.1	
06/01/14					45.1	7.3	
06/02/14					56.8	13.8	
06/03/14					59.8	15.4	
06/04/14					58.6	14.8	
06/05/14					58.7	14.8	
06/06/14					57.1	13.9	
06/07/14					48.8	9.3	
06/08/14					53.3	11.8	
06/09/14					48.0	8.9	
06/10/14					45.8	7.7	
06/11/14					52.0	11.1	
06/12/14					56.3	13.5	
06/13/14					66.1	18.9	
06/14/14					70.2	21.2	
06/15/14					67.0	19.4	
06/16/14					70.9	21.6	
06/17/14					61.9	16.6	
06/18/14					62.3	16.8	
06/19/14					60.4	15.8	
06/20/14					61.0	16.1	
06/21/14					68.4	20.2	
06/22/14					66.0	18.9	
06/23/14					69.4	20.8	
06/24/14					64.6	18.1	
06/25/14					64.7	18.2	
06/26/14					71.5	21.9	
06/27/14					64.7	18.2	
06/28/14					68.9	20.5	
06/29/14					66.2	19.0	
06/30/14					64.7	18.2	
07/01/14					65.7	18.7	
07/02/14					63.7	17.6	
07/03/14					66.0	18.9	
07/04/14					64.5	18.1	
07/05/14					64.9	18.3	
07/06/14					63.5	17.5	
07/07/14					67.6	19.8	
07/08/14					66.8	19.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

93605 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.1	20.6	
07/10/14					63.7	17.6	
07/11/14					68.8	20.4	
07/12/14					65.3	18.5	
07/13/14					64.9	18.3	
07/14/14					66.1	18.9	
07/15/14					65.6	18.7	
07/16/14					68.3	20.2	
07/17/14	264	457	6896	2087	64.8	18.2	
07/18/14	109	263	4094	1314	70.9	21.6	
07/19/14	258	625	6982	2122	64.7	18.2	
07/20/14	166	473	6101	1855	62.4	16.9	
07/21/14	252	551	6807	2085	68.9	20.5	
07/22/14	183	540	6378	1852	69.5	20.8	
07/23/14	250	636	6962	2136	69.1	20.6	
07/24/14					69.4	20.8	
07/25/14					68.9	20.5	
07/26/14					65.4	18.6	
07/27/14					66.6	19.2	
07/28/14					70.2	21.2	
07/29/14					69.2	20.7	
07/30/14					63.6	17.6	
07/31/14					64.3	17.9	
08/01/14					64.0	17.8	
08/02/14					64.0	17.8	
08/03/14					61.6	16.4	
08/04/14					68.8	20.4	
08/05/14					62.8	17.1	
08/06/14					67.1	19.5	
08/07/14					66.0	18.9	
08/08/14					62.7	17.1	
08/09/14					62.6	17.0	
08/10/14					64.2	17.9	
08/11/14					66.1	18.9	
08/12/14					70.5	21.4	
08/13/14					67.4	19.7	
08/14/14					64.9	18.3	
08/15/14					62.6	17.0	
08/16/14					62.4	16.9	
08/17/14					63.8	17.7	
08/18/14					69.7	20.9	
08/19/14					71.1	21.7	
08/20/14					68.2	20.1	
08/21/14					71.5	21.9	
08/22/14					64.3	17.9	
08/23/14					58.0	14.4	
08/24/14					60.2	15.7	
08/25/14					69.5	20.8	
08/26/14					64.9	18.3	
08/27/14					64.8	18.2	
08/28/14					68.4	20.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

93605 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.9	15.5	
08/30/14					60.9	16.1	
08/31/14					62.0	16.7	
09/01/14					67.5	19.7	
09/02/14					70.7	21.5	
09/03/14					71.3	21.8	
09/04/14					66.1	18.9	
09/05/14					63.4	17.4	
09/06/14					62.9	17.2	
09/07/14					59.4	15.2	
09/08/14					63.1	17.3	
09/09/14					67.0	19.4	
09/10/14					66.2	19.0	
09/11/14					66.0	18.9	
09/12/14					60.1	15.6	
09/13/14					56.6	13.7	
09/14/14					59.1	15.1	
09/15/14					60.4	15.8	
09/16/14					66.8	19.3	
09/17/14					65.5	18.6	
09/18/14					69.5	20.8	
09/19/14					60.7	15.9	
09/20/14					61.5	16.4	
09/21/14					63.2	17.3	
09/22/14					63.6	17.6	
09/23/14					62.9	17.2	
09/24/14					69.9	21.1	
09/25/14					67.9	19.9	
09/26/14					59.8	15.4	
09/27/14					60.5	15.8	
09/28/14					58.9	14.9	
09/29/14					63.7	17.6	
09/30/14	296	910	10239	3172	63.6	17.6	
10/01/14					64.4	18.0	
10/02/14					63.5	17.5	
10/03/14					51.6	10.9	
10/04/14					52.2	11.2	
10/05/14					50.8	10.4	
10/06/14					67.5	19.7	
10/07/14					60.8	16.0	
10/08/14					62.2	16.8	
10/09/14					61.7	16.5	
10/10/14					60.8	16.0	
10/11/14					59.2	15.1	
10/12/14					58.0	14.4	
10/13/14					56.5	13.6	
10/14/14					57.3	14.1	
10/15/14					64.1	17.8	
10/16/14					61.1	16.2	
10/17/14	288	654	8233	2549	58.4	14.7	
10/18/14					59.7	15.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

93605 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					58.2	14.6	
10/20/14					57.6	14.2	
10/21/14					61.0	16.1	
10/22/14					65.2	18.4	
10/23/14					60.7	15.9	
10/24/14					57.8	14.3	
10/25/14					57.0	13.9	
10/26/14					59.6	15.3	
10/27/14					63.2	17.3	
10/28/14					58.4	14.7	
10/29/14					56.0	13.3	
10/30/14					57.1	13.9	
10/31/14					56.1	13.4	
11/01/14					57.5	14.2	
11/02/14					56.6	13.7	
11/03/14					58.3	14.6	
11/04/14					47.4	8.6	
11/05/14					53.7	12.1	
11/06/14					51.8	11.0	
11/07/14					43.9	6.6	
11/08/14					46.5	8.1	
11/09/14					42.7	5.9	
11/10/14					54.5	12.5	
11/11/14					45.0	7.2	
11/12/14	279	588	6995	2132	41.5	5.3	
11/13/14					52.1	11.2	
11/14/14					53.8	12.1	
11/15/14					54.9	12.7	
11/16/14					53.3	11.8	
11/17/14					44.7	7.1	
11/18/14					51.1	10.6	
11/19/14					53.1	11.7	
11/20/14					56.2	13.4	
11/21/14					52.5	11.4	
11/22/14					51.2	10.7	
11/23/14					54.1	12.3	
11/24/14					54.0	12.2	
11/25/14					51.8	11.0	
11/26/14					52.5	11.4	
11/27/14					51.9	11.1	
11/28/14					53.7	12.1	
11/29/14					53.4	11.9	
11/30/14					54.8	12.7	
12/01/14					56.1	13.4	
12/02/14					55.2	12.9	
12/03/14					56.2	13.4	
12/04/14					55.8	13.2	
12/05/14					54.5	12.5	
12/06/14					55.2	12.9	
12/07/14					54.9	12.7	
12/08/14					55.7	13.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

93605 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.8	12.7	
12/10/14	313	694	7618	2289	58.0	14.4	
12/11/14					55.5	13.1	
12/12/14					53.8	12.1	
12/13/14					54.7	12.6	
12/14/14					54.4	12.4	
12/15/14					53.8	12.1	
12/16/14							
12/17/14					54.0	12.2	
12/18/14					54.2	12.3	
12/19/14					51.6	10.9	
12/20/14					49.0	9.4	
12/21/14					51.9	11.1	
12/22/14					56.0	13.3	
12/23/14					53.1	11.7	
12/24/14					48.2	9.0	
12/25/14					52.2	11.2	
12/26/14					52.2	11.2	
12/27/14					45.0	7.2	
12/28/14					44.9	7.2	
12/29/14					45.5	7.5	
12/30/14					48.0	8.9	
12/31/14					45.3	7.4	
01/01/15					46.5	8.1	
01/02/15					44.1	6.7	
01/03/15					45.3	7.4	
01/04/15					46.4	8.0	
01/05/15					51.8	11.0	
01/06/15					55.0	12.8	
01/07/15					55.3	12.9	
01/08/15					50.7	10.4	
01/09/15					52.7	11.5	
01/10/15					51.5	10.8	
01/11/15					52.0	11.1	
01/12/15					54.7	12.6	
01/13/15					51.9	11.1	
01/14/15	320	612	6617	1981	54.1	12.3	
01/15/15					52.8	11.6	
01/16/15					48.1	8.9	
01/17/15					49.5	9.7	
01/18/15					48.4	9.1	
01/19/15					49.3	9.6	
01/20/15					54.1	12.3	
01/21/15					53.3	11.8	
01/22/15					49.6	9.8	
01/23/15					46.3	7.9	
01/24/15					47.6	8.7	
01/25/15					48.8	9.3	
01/26/15					58.1	14.5	
01/27/15					55.8	13.2	
01/28/15					59.5	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

93605 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.0	12.8	
01/30/15					53.3	11.8	
01/31/15					54.6	12.6	
02/01/15					50.5	10.3	
02/02/15					53.7	12.1	
02/03/15					53.4	11.9	

Maximum	320	910	10239	3172	71.5	21.9	
Minimum	109	263	4094	1314	35.2	1.8	

Average	248	584	6994	2131	58.5	14.7	
Std Dev	61	148	1361	421	7.5	4.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

94068 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					33.5	0.8	
05/20/14					39.6	4.2	
05/21/14					40.2	4.6	
05/22/14					44.7	7.1	
05/23/14					44.3	6.8	
05/24/14					64.8	18.2	
05/25/14					59.9	15.5	
05/26/14					52.9	11.6	
05/27/14					53.5	11.9	
05/28/14					61.6	16.4	
05/29/14					62.0	16.7	
05/30/14					57.9	14.4	
05/31/14					54.9	12.7	
06/01/14					44.2	6.8	
06/02/14					54.2	12.3	
06/03/14					59.4	15.2	
06/04/14					58.5	14.7	
06/05/14					56.7	13.7	
06/06/14					54.8	12.7	
06/07/14					48.2	9.0	
06/08/14					53.2	11.8	
06/09/14					47.0	8.3	
06/10/14					46.4	8.0	
06/11/14					50.9	10.5	
06/12/14					56.2	13.4	
06/13/14					64.5	18.1	
06/14/14					69.0	20.6	
06/15/14					67.3	19.6	
06/16/14					69.8	21.0	
06/17/14					62.1	16.7	
06/18/14					62.7	17.1	
06/19/14					60.5	15.8	
06/20/14					61.4	16.3	
06/21/14					68.5	20.3	
06/22/14					66.4	19.1	
06/23/14					68.6	20.3	
06/24/14					64.6	18.1	
06/25/14					64.3	17.9	
06/26/14					71.3	21.8	
06/27/14					64.4	18.0	
06/28/14					69.4	20.8	
06/29/14					65.9	18.8	
06/30/14					64.8	18.2	
07/01/14					65.4	18.6	
07/02/14					63.6	17.6	
07/03/14					66.5	19.2	
07/04/14					64.9	18.3	
07/05/14					64.3	17.9	
07/06/14					63.4	17.4	
07/07/14					67.7	19.8	
07/08/14					66.8	19.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

94068 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					68.9	20.5	
07/10/14					63.9	17.7	
07/11/14					68.6	20.3	
07/12/14					65.6	18.7	
07/13/14					65.0	18.3	
07/14/14					65.8	18.8	
07/15/14					65.7	18.7	
07/16/14					68.2	20.1	
07/17/14	374	1059	16939	4550	64.7	18.2	
07/18/14	343	1027	16553	4543	70.2	21.2	
07/19/14	395	1035	17845	4838	64.1	17.8	
07/20/14	342	1010	16381	4435	61.9	16.6	
07/21/14	378	952	17205	4665	68.0	20.0	
07/22/14	419	1210	20037	5448	69.3	20.7	
07/23/14	365	1004	17277	4642	68.6	20.3	
07/24/14	356	1017	17948	4897	69.2	20.7	
07/25/14	314	944	16056	4356	68.3	20.2	
07/26/14	368	932	16600	4523	65.0	18.3	
07/27/14	216	555	9692	2615	66.0	18.9	
07/28/14	359	1102	18690	5114	69.8	21.0	c2
07/29/14	333	998	16720	4560	68.9	20.5	
07/30/14	362	1142	19412	5386	63.5	17.5	
07/31/14					64.1	17.8	
08/01/14					63.7	17.6	
08/02/14					63.3	17.4	
08/03/14					61.7	16.5	
08/04/14					68.4	20.2	
08/05/14					62.7	17.1	
08/06/14					66.8	19.3	
08/07/14					66.8	19.3	
08/08/14					63.1	17.3	
08/09/14					63.0	17.2	
08/10/14					63.8	17.7	
08/11/14					66.3	19.1	
08/12/14					70.1	21.2	
08/13/14					68.0	20.0	
08/14/14					64.6	18.1	
08/15/14					62.9	17.2	
08/16/14					62.7	17.1	
08/17/14					63.6	17.6	
08/18/14					69.3	20.7	
08/19/14					71.0	21.7	
08/20/14					68.1	20.1	
08/21/14					71.3	21.8	
08/22/14					63.8	17.7	
08/23/14					58.0	14.4	
08/24/14					60.2	15.7	
08/25/14					68.4	20.2	
08/26/14					64.7	18.2	
08/27/14					65.1	18.4	
08/28/14					69.0	20.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

	94068 (Cell 3)						
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.0	15.6	
08/30/14					60.4	15.8	
08/31/14					61.7	16.5	
09/01/14					67.4	19.7	
09/02/14					70.8	21.6	
09/03/14					71.6	22.0	
09/04/14					66.3	19.1	
09/05/14					63.5	17.5	
09/06/14					62.5	16.9	
09/07/14					59.2	15.1	
09/08/14					62.6	17.0	
09/09/14					66.8	19.3	
09/10/14					65.6	18.7	
09/11/14					65.9	18.8	
09/12/14					60.1	15.6	
09/13/14					56.8	13.8	
09/14/14					58.8	14.9	
09/15/14					60.5	15.8	
09/16/14					66.7	19.3	
09/17/14					64.8	18.2	
09/18/14					69.2	20.7	
09/19/14					60.6	15.9	
09/20/14					61.4	16.3	
09/21/14					62.9	17.2	
09/22/14					63.0	17.2	
09/23/14					63.2	17.3	
09/24/14					69.2	20.7	
09/25/14					67.6	19.8	
09/26/14					59.8	15.4	
09/27/14					60.5	15.8	
09/28/14					59.2	15.1	
09/29/14					63.6	17.6	
09/30/14	443	1492	24439	6837	63.3	17.4	
10/01/14					64.2	17.9	
10/02/14					62.8	17.1	
10/03/14					51.8	11.0	
10/04/14					51.7	10.9	
10/05/14					50.9	10.5	
10/06/14					67.5	19.7	
10/07/14					60.2	15.7	
10/08/14					62.0	16.7	
10/09/14					61.4	16.3	
10/10/14					60.3	15.7	
10/11/14					59.1	15.1	
10/12/14					58.4	14.7	
10/13/14					56.8	13.8	
10/14/14					57.9	14.4	
10/15/14					63.7	17.6	
10/16/14					61.0	16.1	
10/17/14	458	1151	19889	5485	58.5	14.7	
10/18/14					59.7	15.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

94068 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					58.4	14.7	
10/20/14					57.8	14.3	
10/21/14	433	1176	20691	5716	60.9	16.1	
10/22/14					64.7	18.2	
10/23/14					60.3	15.7	
10/24/14					57.6	14.2	
10/25/14					56.9	13.8	
10/26/14					59.2	15.1	
10/27/14					63.3	17.4	
10/28/14					58.6	14.8	
10/29/14					56.3	13.5	
10/30/14					57.4	14.1	
10/31/14					56.7	13.7	
11/01/14					57.0	13.9	
11/02/14					57.2	14.0	
11/03/14					58.1	14.5	
11/04/14					47.4	8.6	
11/05/14					53.7	12.1	
11/06/14					51.0	10.6	
11/07/14					43.9	6.6	
11/08/14					46.3	7.9	
11/09/14					42.6	5.9	
11/10/14					54.3	12.4	
11/11/14					44.6	7.0	
11/12/14	465	1138	18743	5130	41.2	5.1	
11/13/14					52.8	11.6	
11/14/14					54.6	12.6	
11/15/14					55.4	13.0	
11/16/14					54.5	12.5	
11/17/14					44.8	7.1	
11/18/14					52.0	11.1	
11/19/14					56.0	13.3	
11/20/14					56.7	13.7	
11/21/14					53.2	11.8	
11/22/14					52.3	11.3	
11/23/14					52.2	11.2	
11/24/14					54.5	12.5	
11/25/14					52.8	11.6	
11/26/14					53.9	12.2	
11/27/14					52.8	11.6	
11/28/14					54.1	12.3	
11/29/14					53.9	12.2	
11/30/14					55.2	12.9	
12/01/14					56.1	13.4	
12/02/14					55.6	13.1	
12/03/14					56.4	13.6	
12/04/14					55.8	13.2	
12/05/14					54.8	12.7	
12/06/14					55.8	13.2	
12/07/14					55.4	13.0	
12/08/14					56.0	13.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

94068 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.5	13.1	
12/10/14	498	1110	18496	4896	57.9	14.4	
12/11/14					54.8	12.7	
12/12/14					54.6	12.6	
12/13/14					55.4	13.0	
12/14/14					55.0	12.8	
12/15/14					54.6	12.6	
12/16/14							
12/17/14					55.0	12.8	
12/18/14					55.4	13.0	
12/19/14					51.8	11.0	
12/20/14					49.7	9.8	
12/21/14					52.7	11.5	
12/22/14					56.6	13.7	
12/23/14					54.3	12.4	
12/24/14					49.9	9.9	
12/25/14					53.0	11.7	
12/26/14					53.4	11.9	
12/27/14					47.2	8.4	
12/28/14					45.6	7.6	
12/29/14					45.9	7.7	
12/30/14					48.5	9.2	
12/31/14					45.8	7.7	
01/01/15					47.9	8.8	
01/02/15					46.0	7.8	
01/03/15					46.7	8.2	
01/04/15					47.4	8.6	
01/05/15					53.4	11.9	
01/06/15					55.4	13.0	
01/07/15					55.3	12.9	
01/08/15					53.0	11.7	
01/09/15					53.7	12.1	
01/10/15					52.6	11.4	
01/11/15					53.1	11.7	
01/12/15					53.4	11.9	
01/13/15					53.5	11.9	
01/14/15	508	1054	16730	4325	53.7	12.1	
01/15/15					54.2	12.3	
01/16/15					48.9	9.4	
01/17/15					50.2	10.1	
01/18/15					49.1	9.5	
01/19/15					50.3	10.2	
01/20/15					55.0	12.8	
01/21/15					54.2	12.3	
01/22/15					50.2	10.1	
01/23/15					46.8	8.2	
01/24/15					48.2	9.0	
01/25/15					49.5	9.7	
01/26/15					59.0	15.0	
01/27/15					56.3	13.5	
01/28/15					59.5	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

94068 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.3	13.5	
01/30/15					54.3	12.4	
01/31/15					55.5	13.1	
02/01/15					51.8	11.0	
02/02/15					54.7	12.6	
02/03/15					54.0	12.2	

Maximum	508	1492	24439	6837	71.6	22.0	
Minimum	216	555	9692	2615	33.5	0.8	

Average	386	1055	17817	4848	58.6	14.8	
Std Dev	67	167	2684	776	7.3	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

94227 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14							
05/20/14							
05/21/14							
05/22/14					46.6	8.1	
05/23/14					44.2	6.8	
05/24/14					63.8	17.7	
05/25/14					65.7	18.7	
05/26/14					64.4	18.0	
05/27/14					66.7	19.3	
05/28/14					67.4	19.7	
05/29/14					65.8	18.8	
05/30/14					64.6	18.1	
05/31/14					67.3	19.6	
06/01/14					65.8	18.8	
06/02/14					71.3	21.8	
06/03/14					71.9	22.2	
06/04/14					64.9	18.3	
06/05/14					64.0	17.8	
06/06/14					63.4	17.4	
06/07/14					65.0	18.3	
06/08/14					62.5	16.9	
06/09/14					68.8	20.4	
06/10/14					63.4	17.4	
06/11/14					66.1	18.9	
06/12/14					58.5	14.7	
06/13/14					64.3	17.9	
06/14/14					68.1	20.1	
06/15/14					63.9	17.7	
06/16/14					63.1	17.3	
06/17/14					66.5	19.2	
06/18/14					69.1	20.6	
06/19/14					65.3	18.5	
06/20/14					67.7	19.8	
06/21/14					61.3	16.3	
06/22/14					61.7	16.5	
06/23/14					69.3	20.7	
06/24/14					67.1	19.5	
06/25/14					65.7	18.7	
06/26/14					70.0	21.1	
06/27/14					63.5	17.5	
06/28/14					61.4	16.3	
06/29/14					61.1	16.2	
06/30/14					64.4	18.0	
07/01/14					68.2	20.1	
07/02/14					63.6	17.6	
07/03/14					69.7	20.9	
07/04/14					62.0	16.7	
07/05/14					62.1	16.7	
07/06/14					61.5	16.4	
07/07/14					71.1	21.7	
07/08/14					65.7	18.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

94227 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.3	17.4	
07/10/14					66.5	19.2	
07/11/14					67.6	19.8	
07/12/14					63.9	17.7	
07/13/14					62.2	16.8	
07/14/14					64.4	18.0	
07/15/14					63.7	17.6	
07/16/14					67.1	19.5	
07/17/14					64.0	17.8	
07/18/14					70.2	21.2	
07/19/14					64.0	17.8	
07/20/14					61.9	16.6	
07/21/14					66.6	19.2	
07/22/14					68.1	20.1	
07/23/14					66.0	18.9	
07/24/14					66.5	19.2	
07/25/14					63.3	17.4	
07/26/14					66.1	18.9	
07/27/14					64.0	17.8	
07/28/14					67.5	19.7	
07/29/14					65.1	18.4	
07/30/14					62.0	16.7	
07/31/14	17	0	174	428	62.4	16.9	
08/01/14	25	0	144	353	61.7	16.5	
08/02/14	29	0	173	463	61.4	16.3	
08/03/14	28	0	142	405	61.2	16.2	
08/04/14	28	0	159	492	66.8	19.3	
08/05/14	26	0	83	465	66.3	19.1	
08/06/14	24	0	130	476	65.0	18.3	
08/07/14					67.1	19.5	
08/08/14					59.5	15.3	
08/09/14					63.1	17.3	
08/10/14					62.5	16.9	
08/11/14					65.2	18.4	
08/12/14					70.5	21.4	
08/13/14					68.6	20.3	
08/14/14					64.9	18.3	
08/15/14					61.7	16.5	
08/16/14					62.6	17.0	
08/17/14					61.5	16.4	
08/18/14					67.7	19.8	
08/19/14					68.5	20.3	
08/20/14					66.7	19.3	
08/21/14					69.3	20.7	
08/22/14					61.1	16.2	
08/23/14					58.8	14.9	
08/24/14					62.5	16.9	
08/25/14					67.7	19.8	
08/26/14					64.3	17.9	
08/27/14					63.0	17.2	
08/28/14					68.5	20.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

94227 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.0	16.1	
08/30/14					61.0	16.1	
08/31/14					61.7	16.5	
09/01/14					60.9	16.1	
09/02/14					69.4	20.8	
09/03/14					69.2	20.7	
09/04/14					64.3	17.9	
09/05/14					61.7	16.5	
09/06/14					66.1	18.9	
09/07/14					59.0	15.0	
09/08/14					62.0	16.7	
09/09/14					65.9	18.8	
09/10/14					65.6	18.7	
09/11/14					65.7	18.7	
09/12/14					61.4	16.3	
09/13/14					56.2	13.4	
09/14/14					58.7	14.8	
09/15/14					60.3	15.7	
09/16/14					65.0	18.3	
09/17/14					63.1	17.3	
09/18/14					68.5	20.3	
09/19/14					60.4	15.8	
09/20/14					61.5	16.4	
09/21/14					61.6	16.4	
09/22/14					61.6	16.4	
09/23/14					62.4	16.9	
09/24/14					67.0	19.4	
09/25/14					65.8	18.8	
09/26/14	31	0	228	571	59.4	15.2	
09/27/14					61.1	16.2	
09/28/14					59.6	15.3	
09/29/14					62.8	17.1	
09/30/14					61.8	16.6	
10/01/14					63.2	17.3	
10/02/14					60.9	16.1	
10/03/14					52.1	11.2	
10/04/14					51.4	10.8	
10/05/14					51.1	10.6	
10/06/14					66.5	19.2	
10/07/14					59.2	15.1	
10/08/14	26	0	222	563	61.5	16.4	
10/09/14					60.3	15.7	
10/10/14					58.4	14.7	
10/11/14					57.2	14.0	
10/12/14					57.1	13.9	
10/13/14					55.9	13.3	
10/14/14					56.9	13.8	
10/15/14					64.1	17.8	
10/16/14					60.7	15.9	
10/17/14					56.9	13.8	
10/18/14					58.4	14.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

94227 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.6	13.7	
10/20/14					55.7	13.2	
10/21/14					60.0	15.6	
10/22/14					62.6	17.0	
10/23/14					58.7	14.8	
10/24/14					56.2	13.4	
10/25/14					56.2	13.4	
10/26/14					57.5	14.2	
10/27/14					62.2	16.8	
10/28/14					56.7	13.7	
10/29/14					56.5	13.6	
10/30/14					56.7	13.7	
10/31/14					56.0	13.3	
11/01/14					55.1	12.8	
11/02/14					55.3	12.9	
11/03/14					59.0	15.0	
11/04/14					52.4	11.3	
11/05/14					56.2	13.4	
11/06/14					56.3	13.5	
11/07/14					49.4	9.7	
11/08/14					52.3	11.3	
11/09/14					48.9	9.4	
11/10/14					56.7	13.7	
11/11/14	11	0	129	291	52.2	11.2	
11/12/14					48.0	8.9	
11/13/14					51.5	10.8	
11/14/14					54.3	12.4	
11/15/14					57.8	14.3	
11/16/14					55.2	12.9	
11/17/14					50.2	10.1	
11/18/14					52.3	11.3	
11/19/14					56.1	13.4	
11/20/14					56.6	13.7	
11/21/14					51.7	10.9	
11/22/14					51.7	10.9	
11/23/14					55.5	13.1	
11/24/14					54.7	12.6	
11/25/14					52.9	11.6	
11/26/14					52.3	11.3	
11/27/14					52.7	11.5	
11/28/14					53.4	11.9	
11/29/14					53.6	12.0	
11/30/14					57.6	14.2	
12/01/14					56.8	13.8	
12/02/14					56.3	13.5	
12/03/14					56.2	13.4	
12/04/14					55.0	12.8	
12/05/14					54.5	12.5	
12/06/14					57.0	13.9	
12/07/14					56.1	13.4	
12/08/14					55.8	13.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

94227 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14	27	0	166	525	55.9	13.3	
12/10/14					57.4	14.1	
12/11/14					55.9	13.3	
12/12/14					55.2	12.9	
12/13/14					55.3	12.9	
12/14/14					55.3	12.9	
12/15/14							
12/16/14							
12/17/14					53.0	11.7	
12/18/14					54.4	12.4	
12/19/14					50.1	10.1	
12/20/14					48.6	9.2	
12/21/14					50.4	10.2	
12/22/14					57.5	14.2	
12/23/14					51.2	10.7	
12/24/14					49.3	9.6	
12/25/14					53.2	11.8	
12/26/14					52.5	11.4	
12/27/14					45.2	7.3	
12/28/14					42.8	6.0	
12/29/14					43.8	6.6	
12/30/14					47.9	8.8	
12/31/14					45.1	7.3	
01/01/15					45.3	7.4	
01/02/15					43.4	6.3	
01/03/15					45.8	7.7	
01/04/15					45.5	7.5	
01/05/15					50.1	10.1	
01/06/15					56.4	13.6	
01/07/15					55.8	13.2	
01/08/15					52.5	11.4	
01/09/15					53.3	11.8	
01/10/15					51.0	10.6	
01/11/15					50.2	10.1	
01/12/15					54.4	12.4	
01/13/15	29	0	160	416	51.8	11.0	
01/14/15					53.5	11.9	
01/15/15					53.2	11.8	
01/16/15					49.6	9.8	
01/17/15					50.3	10.2	
01/18/15					47.0	8.3	
01/19/15					51.4	10.8	
01/20/15					55.0	12.8	
01/21/15					53.7	12.1	
01/22/15					55.4	13.0	
01/23/15					45.7	7.6	
01/24/15					48.2	9.0	
01/25/15					50.1	10.1	
01/26/15					57.6	14.2	
01/27/15					56.4	13.6	
01/28/15					58.0	14.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

94227 (Cell 2)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.0	13.3	
01/30/15					55.2	12.9	
01/31/15					54.8	12.7	
02/01/15					50.4	10.2	
02/02/15					55.2	12.9	
02/03/15					54.4	12.4	c2

Maximum	31	0	228	571	71.9	22.2	
Minimum	11	0	83	291	42.8	6.0	

Average	25	0	159	454	59.3	15.2	
Std Dev	5	0	38	79	6.5	3.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02198 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					38.6	3.7	
05/20/14					38.7	3.7	
05/21/14					39.7	4.3	
05/22/14					49.4	9.7	
05/23/14					48.3	9.1	
05/24/14					63.3	17.4	
05/25/14					64.7	18.2	
05/26/14					62.1	16.7	
05/27/14					65.4	18.6	
05/28/14					66.8	19.3	
05/29/14					65.2	18.4	
05/30/14					66.4	19.1	
05/31/14					67.4	19.7	
06/01/14					64.9	18.3	
06/02/14					68.5	20.3	
06/03/14					72.4	22.4	
06/04/14					65.1	18.4	
06/05/14					64.2	17.9	
06/06/14					63.8	17.7	
06/07/14					65.0	18.3	
06/08/14					62.7	17.1	
06/09/14					67.8	19.9	
06/10/14					63.1	17.3	
06/11/14					68.7	20.4	
06/12/14					54.3	12.4	
06/13/14					63.6	17.6	
06/14/14					66.9	19.4	
06/15/14					63.6	17.6	
06/16/14					63.3	17.4	
06/17/14					65.9	18.8	
06/18/14					68.8	20.4	
06/19/14					65.2	18.4	
06/20/14					67.1	19.5	
06/21/14					61.6	16.4	
06/22/14					63.0	17.2	
06/23/14					69.1	20.6	
06/24/14					66.6	19.2	
06/25/14					69.5	20.8	
06/26/14					69.1	20.6	
06/27/14					63.7	17.6	
06/28/14					61.3	16.3	
06/29/14					60.9	16.1	
06/30/14					65.1	18.4	
07/01/14					68.1	20.1	
07/02/14					63.1	17.3	
07/03/14					68.9	20.5	
07/04/14					62.1	16.7	
07/05/14					62.0	16.7	
07/06/14					61.3	16.3	
07/07/14					69.4	20.8	
07/08/14					65.6	18.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02198 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					70.1	21.2	
07/10/14					66.2	19.0	
07/11/14					66.5	19.2	
07/12/14					63.2	17.3	
07/13/14					63.8	17.7	
07/14/14					64.9	18.3	
07/15/14					63.9	17.7	
07/16/14					65.7	18.7	
07/17/14					63.7	17.6	
07/18/14					69.3	20.7	
07/19/14					63.9	17.7	
07/20/14					62.2	16.8	
07/21/14					69.5	20.8	
07/22/14					67.6	19.8	
07/23/14					66.0	18.9	
07/24/14	3285	153	1093	258	66.7	19.3	
07/25/14	2543	94	920	192	63.0	17.2	
07/26/14	3982	178	1212	304	65.6	18.7	
07/27/14	2989	123	938	240	63.7	17.6	
07/28/14	3014	137	982	250	67.2	19.6	c2
07/29/14	2996	168	931	225	64.9	18.3	
07/30/14	3026	83	947	243	61.9	16.6	
07/31/14					62.5	16.9	
08/01/14					61.6	16.4	
08/02/14					61.0	16.1	
08/03/14					61.6	16.4	
08/04/14					66.5	19.2	
08/05/14					65.4	18.6	
08/06/14					65.5	18.6	
08/07/14					65.9	18.8	
08/08/14					59.7	15.4	
08/09/14					62.4	16.9	
08/10/14					62.1	16.7	
08/11/14					65.7	18.7	
08/12/14					69.9	21.1	
08/13/14					66.9	19.4	
08/14/14					64.8	18.2	
08/15/14					61.6	16.4	
08/16/14					62.2	16.8	
08/17/14					61.4	16.3	
08/18/14					67.7	19.8	
08/19/14					67.5	19.7	
08/20/14					66.1	18.9	
08/21/14					68.5	20.3	
08/22/14					61.0	16.1	
08/23/14					59.0	15.0	
08/24/14					62.6	17.0	
08/25/14					67.5	19.7	
08/26/14					63.9	17.7	
08/27/14					62.2	16.8	
08/28/14					67.9	19.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02198 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.2	16.2	
08/30/14					61.5	16.4	
08/31/14					61.9	16.6	
09/01/14					60.8	16.0	
09/02/14					68.9	20.5	
09/03/14					67.7	19.8	
09/04/14					65.4	18.6	
09/05/14					61.5	16.4	
09/06/14					65.1	18.4	
09/07/14					59.5	15.3	
09/08/14					61.9	16.6	
09/09/14					65.4	18.6	
09/10/14					65.7	18.7	
09/11/14					65.8	18.8	
09/12/14					61.5	16.4	
09/13/14					56.3	13.5	
09/14/14					59.4	15.2	
09/15/14					60.5	15.8	
09/16/14					64.9	18.3	
09/17/14					63.1	17.3	
09/18/14					67.9	19.9	
09/19/14					60.6	15.9	
09/20/14					61.4	16.3	
09/21/14					61.4	16.3	
09/22/14					61.1	16.2	
09/23/14					62.4	16.9	
09/24/14					66.8	19.3	
09/25/14					65.3	18.5	
09/26/14	2943	216	1186	332	59.6	15.3	
09/27/14					61.2	16.2	
09/28/14					60.1	15.6	
09/29/14					62.6	17.0	
09/30/14					61.7	16.5	
10/01/14					62.5	16.9	
10/02/14					60.9	16.1	
10/03/14					52.4	11.3	
10/04/14					52.3	11.3	
10/05/14					51.8	11.0	
10/06/14					66.3	19.1	
10/07/14					58.9	14.9	
10/08/14					61.0	16.1	
10/09/14					60.6	15.9	
10/10/14	2173	143	940	290	58.8	14.9	
10/11/14					57.6	14.2	
10/12/14					57.1	13.9	
10/13/14					56.3	13.5	
10/14/14					57.1	13.9	
10/15/14					62.9	17.2	
10/16/14					60.2	15.7	
10/17/14					57.2	14.0	
10/18/14					58.5	14.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02198 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.9	13.8	
10/20/14					56.0	13.3	
10/21/14					59.9	15.5	
10/22/14					62.6	17.0	
10/23/14					58.6	14.8	
10/24/14					56.7	13.7	
10/25/14					56.9	13.8	
10/26/14					58.0	14.4	
10/27/14					61.9	16.6	
10/28/14					57.1	13.9	
10/29/14					57.3	14.1	
10/30/14					56.7	13.7	
10/31/14					56.2	13.4	
11/01/14					56.0	13.3	
11/02/14					55.7	13.2	
11/03/14					60.3	15.7	
11/04/14					53.4	11.9	
11/05/14					56.7	13.7	
11/06/14					57.2	14.0	
11/07/14					50.8	10.4	
11/08/14					54.7	12.6	
11/09/14					50.1	10.1	
11/10/14					57.0	13.9	
11/11/14					53.7	12.1	
11/12/14	1768	140	933	305	48.6	9.2	
11/13/14					51.0	10.6	
11/14/14					53.9	12.2	
11/15/14					58.1	14.5	
11/16/14					54.7	12.6	
11/17/14					49.5	9.7	
11/18/14					51.0	10.6	
11/19/14					56.0	13.3	
11/20/14					57.5	14.2	
11/21/14					50.5	10.3	
11/22/14					51.5	10.8	
11/23/14					55.2	12.9	
11/24/14					52.6	11.4	
11/25/14					50.9	10.5	
11/26/14					50.3	10.2	
11/27/14					50.9	10.5	
11/28/14					53.3	11.8	
11/29/14					53.5	11.9	
11/30/14					58.1	14.5	
12/01/14					55.6	13.1	
12/02/14					55.7	13.2	
12/03/14					56.4	13.6	
12/04/14					55.6	13.1	
12/05/14					54.1	12.3	
12/06/14					57.7	14.3	
12/07/14					56.4	13.6	
12/08/14					55.7	13.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02198 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.8	12.7	
12/10/14	1653	139	1024	341	55.6	13.1	
12/11/14					54.7	12.6	
12/12/14					55.0	12.8	
12/13/14					55.1	12.8	
12/14/14					54.6	12.6	
12/15/14							
12/16/14							
12/17/14					52.9	11.6	
12/18/14					53.6	12.0	
12/19/14					49.1	9.5	
12/20/14					49.5	9.7	
12/21/14					49.6	9.8	
12/22/14					56.6	13.7	
12/23/14					51.2	10.7	
12/24/14					46.2	7.9	
12/25/14					51.7	10.9	
12/26/14					50.8	10.4	
12/27/14					46.0	7.8	
12/28/14					42.2	5.7	
12/29/14					43.1	6.2	
12/30/14					47.2	8.4	
12/31/14					44.1	6.7	
01/01/15					44.0	6.7	
01/02/15					42.2	5.7	
01/03/15					45.0	7.2	
01/04/15					45.6	7.6	
01/05/15					49.5	9.7	
01/06/15					54.4	12.4	
01/07/15					55.6	13.1	
01/08/15					51.4	10.8	
01/09/15					52.3	11.3	
01/10/15					50.1	10.1	
01/11/15					51.8	11.0	
01/12/15					53.5	11.9	
01/13/15					50.5	10.3	
01/14/15	1303	132	874	314	52.3	11.3	
01/15/15					51.3	10.7	
01/16/15					49.3	9.6	
01/17/15					50.5	10.3	
01/18/15					46.8	8.2	
01/19/15					50.0	10.0	
01/20/15					54.2	12.3	
01/21/15					52.7	11.5	
01/22/15					52.1	11.2	
01/23/15					45.2	7.3	
01/24/15					47.2	8.4	
01/25/15					49.4	9.7	
01/26/15					57.0	13.9	
01/27/15					56.7	13.7	
01/28/15					58.1	14.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02198 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.3	13.5	
01/30/15					53.5	11.9	
01/31/15					53.2	11.8	
02/01/15					48.7	9.3	
02/02/15					53.6	12.0	
02/03/15					54.6	12.6	

Maximum	3982	216	1212	341	72.4	22.4	
Minimum	1303	83	874	192	38.6	3.7	

Average	2640	142	998	275	58.9	14.9	
Std Dev	741	34	104	44	6.9	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02203 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					37.8	3.2	
05/20/14					38.3	3.5	
05/21/14					39.0	3.9	
05/22/14					50.5	10.3	
05/23/14					46.4	8.0	
05/24/14					63.8	17.7	
05/25/14					52.8	11.6	
05/26/14					47.0	8.3	
05/27/14					59.2	15.1	
05/28/14					60.6	15.9	
05/29/14					62.9	17.2	
05/30/14					59.4	15.2	
05/31/14					56.6	13.7	
06/01/14					46.3	7.9	
06/02/14					56.8	13.8	
06/03/14					60.3	15.7	
06/04/14					59.3	15.2	
06/05/14					52.6	11.4	
06/06/14					59.1	15.1	
06/07/14					45.9	7.7	
06/08/14					55.5	13.1	
06/09/14					48.6	9.2	
06/10/14					45.6	7.6	
06/11/14					52.8	11.6	
06/12/14					71.6	22.0	
06/13/14					55.4	13.0	
06/14/14					66.7	19.3	
06/15/14					59.1	15.1	
06/16/14					65.3	18.5	
06/17/14					52.8	11.6	
06/18/14					57.7	14.3	
06/19/14					54.1	12.3	
06/20/14					53.1	11.7	
06/21/14					59.3	15.2	
06/22/14					60.1	15.6	
06/23/14					66.7	19.3	
06/24/14					59.2	15.1	
06/25/14					59.2	15.1	
06/26/14					68.1	20.1	
06/27/14					59.8	15.4	
06/28/14					62.1	16.7	
06/29/14					61.1	16.2	
06/30/14					59.8	15.4	
07/01/14					53.6	12.0	
07/02/14					54.1	12.3	
07/03/14					60.8	16.0	
07/04/14					60.2	15.7	
07/05/14					59.2	15.1	
07/06/14					58.4	14.7	
07/07/14					59.4	15.2	
07/08/14					59.3	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02203 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					65.1	18.4	
07/10/14					56.7	13.7	
07/11/14					64.9	18.3	
07/12/14					61.8	16.6	
07/13/14					57.6	14.2	
07/14/14					60.0	15.6	
07/15/14					59.3	15.2	
07/16/14					66.6	19.2	
07/17/14					56.7	13.7	
07/18/14					67.4	19.7	
07/19/14					54.4	12.4	
07/20/14					53.8	12.1	
07/21/14					64.0	17.8	
07/22/14					65.3	18.5	
07/23/14					63.1	17.3	
07/24/14	123	0	2189	108	65.2	18.4	
07/25/14	132	75	2238	81	61.9	16.6	
07/26/14	112	71	2123	102	55.1	12.8	
07/27/14	130	88	2409	116	63.0	17.2	
07/28/14	121	98	2265	85	73.5	23.1	c2
07/29/14	145	80	2408	71	69.5	20.8	
07/30/14	116	78	2045	86	63.1	17.3	
07/31/14					63.2	17.3	
08/01/14					63.6	17.6	
08/02/14					61.6	16.4	
08/03/14					60.8	16.0	
08/04/14					69.9	21.1	
08/05/14					61.2	16.2	
08/06/14					67.1	19.5	
08/07/14					66.8	19.3	
08/08/14					63.1	17.3	
08/09/14					61.9	16.6	
08/10/14					65.2	18.4	
08/11/14					67.2	19.6	
08/12/14					70.7	21.5	
08/13/14					67.7	19.8	
08/14/14					65.0	18.3	
08/15/14					61.8	16.6	
08/16/14					62.0	16.7	
08/17/14					62.9	17.2	
08/18/14					70.2	21.2	
08/19/14					72.0	22.2	
08/20/14					67.9	19.9	
08/21/14					71.1	21.7	
08/22/14					62.1	16.7	
08/23/14					57.3	14.1	
08/24/14					61.2	16.2	
08/25/14					69.5	20.8	
08/26/14					65.9	18.8	
08/27/14					63.2	17.3	
08/28/14					68.8	20.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02203 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.8	15.4	
08/30/14					60.9	16.1	
08/31/14					62.3	16.8	
09/01/14					68.5	20.3	
09/02/14					71.4	21.9	
09/03/14					72.6	22.6	
09/04/14					66.9	19.4	
09/05/14					61.6	16.4	
09/06/14					60.8	16.0	
09/07/14					58.4	14.7	
09/08/14					61.1	16.2	
09/09/14					66.6	19.2	
09/10/14					66.8	19.3	
09/11/14					67.1	19.5	
09/12/14					60.1	15.6	
09/13/14					55.1	12.8	
09/14/14					58.6	14.8	
09/15/14					60.0	15.6	
09/16/14					67.4	19.7	
09/17/14					63.4	17.4	
09/18/14					70.5	21.4	
09/19/14					60.0	15.6	
09/20/14					60.4	15.8	
09/21/14					61.6	16.4	
09/22/14					61.5	16.4	
09/23/14					62.9	17.2	
09/24/14					69.7	20.9	
09/25/14					67.7	19.8	
09/26/14					59.3	15.2	
09/27/14	118	77	1978	69	59.9	15.5	
09/28/14					58.8	14.9	
09/29/14					63.6	17.6	
09/30/14					63.3	17.4	
10/01/14					64.6	18.1	
10/02/14					61.4	16.3	
10/03/14					53.0	11.7	
10/04/14					52.2	11.2	
10/05/14					51.2	10.7	
10/06/14					68.5	20.3	
10/07/14					60.5	15.8	
10/08/14					62.0	16.7	
10/09/14					60.4	15.8	
10/10/14					57.8	14.3	
10/11/14					56.5	13.6	
10/12/14					56.3	13.5	
10/13/14					56.2	13.4	
10/14/14					57.7	14.3	
10/15/14	121	96	2240	72	64.7	18.2	
10/16/14					60.5	15.8	
10/17/14					57.2	14.0	
10/18/14					57.7	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02203 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					56.0	13.3	
10/20/14					55.7	13.2	
10/21/14					59.3	15.2	
10/22/14					63.4	17.4	
10/23/14					59.0	15.0	
10/24/14					55.8	13.2	
10/25/14					55.0	12.8	
10/26/14					57.6	14.2	
10/27/14					62.3	16.8	
10/28/14					56.4	13.6	
10/29/14					55.1	12.8	
10/30/14					56.1	13.4	
10/31/14					55.2	12.9	
11/01/14					55.1	12.8	
11/02/14					54.7	12.6	
11/03/14					59.9	15.5	
11/04/14					57.5	14.2	
11/05/14	84	103	2150	107	58.4	14.7	
11/06/14					62.0	16.7	
11/07/14					56.1	13.4	
11/08/14					55.2	12.9	
11/09/14					54.8	12.7	
11/10/14					63.4	17.4	
11/11/14					55.9	13.3	
11/12/14					55.3	12.9	
11/13/14					54.6	12.6	
11/14/14					55.1	12.8	
11/15/14					53.9	12.2	
11/16/14					54.5	12.5	
11/17/14					54.8	12.7	
11/18/14					54.3	12.4	
11/19/14					54.0	12.2	
11/20/14					55.6	13.1	
11/21/14					54.0	12.2	
11/22/14					52.6	11.4	
11/23/14					54.8	12.7	
11/24/14					55.0	12.8	
11/25/14					53.0	11.7	
11/26/14					54.2	12.3	
11/27/14					53.7	12.1	
11/28/14					54.3	12.4	
11/29/14					54.8	12.7	
11/30/14					55.4	13.0	
12/01/14					55.0	12.8	
12/02/14					55.1	12.8	
12/03/14	124	72	2388	80	55.9	13.3	
12/04/14					54.8	12.7	
12/05/14					54.2	12.3	
12/06/14					53.6	12.0	
12/07/14					54.4	12.4	
12/08/14					55.4	13.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02203 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.7	13.2	
12/10/14					56.9	13.8	
12/11/14					56.1	13.4	
12/12/14					55.0	12.8	
12/13/14					53.7	12.1	
12/14/14					54.6	12.6	
12/15/14							
12/16/14							
12/17/14					52.0	11.1	
12/18/14					54.7	12.6	
12/19/14					51.8	11.0	
12/20/14					48.6	9.2	
12/21/14					52.7	11.5	
12/22/14					56.3	13.5	
12/23/14					53.2	11.8	
12/24/14					48.7	9.3	
12/25/14					52.8	11.6	
12/26/14					52.9	11.6	
12/27/14					45.5	7.5	
12/28/14					43.3	6.3	
12/29/14					44.7	7.1	
12/30/14					48.5	9.2	
12/31/14					45.8	7.7	
01/01/15					47.5	8.6	
01/02/15					44.1	6.7	
01/03/15					45.5	7.5	
01/04/15					46.1	7.8	
01/05/15					53.9	12.2	
01/06/15					56.7	13.7	
01/07/15	112	84	2254	77	56.7	13.7	
01/08/15					53.1	11.7	
01/09/15					54.2	12.3	
01/10/15					52.7	11.5	
01/11/15					52.4	11.3	
01/12/15					55.0	12.8	
01/13/15					55.8	13.2	
01/14/15					54.9	12.7	
01/15/15					55.3	12.9	
01/16/15					48.8	9.3	
01/17/15					50.5	10.3	
01/18/15					48.9	9.4	
01/19/15					51.5	10.8	
01/20/15					54.4	12.4	
01/21/15					54.6	12.6	
01/22/15					53.8	12.1	
01/23/15					45.9	7.7	
01/24/15					48.3	9.1	
01/25/15					50.2	10.1	
01/26/15					57.6	14.2	
01/27/15					56.1	13.4	
01/28/15					58.2	14.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB02203 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.9	12.7	
01/30/15					54.1	12.3	
01/31/15					53.9	12.2	
02/01/15					50.9	10.5	
02/02/15					54.7	12.6	
02/03/15					54.6	12.6	

Maximum	145	103	2409	116	73.5	23.1	
Minimum	84	0	1978	69	37.8	3.2	

Average	120	77	2224	88	57.9	14.4	
Std Dev	14	25	131	16	6.4	3.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50073 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14							
05/20/14					39.7	4.3	
05/21/14					40.7	4.8	
05/22/14					50.5	10.3	
05/23/14					48.3	9.1	
05/24/14					61.7	16.5	
05/25/14					51.6	10.9	
05/26/14					47.2	8.4	
05/27/14					57.9	14.4	
05/28/14					60.5	15.8	
05/29/14					62.8	17.1	
05/30/14					60.4	15.8	
05/31/14					57.0	13.9	
06/01/14					46.3	7.9	
06/02/14					57.7	14.3	
06/03/14					60.2	15.7	
06/04/14					60.8	16.0	
06/05/14					52.7	11.5	
06/06/14					62.1	16.7	
06/07/14					47.2	8.4	
06/08/14					55.4	13.0	
06/09/14					50.8	10.4	
06/10/14					46.0	7.8	
06/11/14					53.7	12.1	
06/12/14					73.5	23.1	
06/13/14					57.2	14.0	
06/14/14					67.8	19.9	
06/15/14					59.3	15.2	
06/16/14					67.6	19.8	
06/17/14					53.8	12.1	
06/18/14					57.6	14.2	
06/19/14					53.3	11.8	
06/20/14					54.1	12.3	
06/21/14					58.8	14.9	
06/22/14					60.6	15.9	
06/23/14					66.7	19.3	
06/24/14					60.1	15.6	
06/25/14					60.2	15.7	
06/26/14					69.2	20.7	
06/27/14					60.5	15.8	
06/28/14					63.0	17.2	
06/29/14					61.9	16.6	
06/30/14					60.8	16.0	
07/01/14					56.7	13.7	
07/02/14					64.8	18.2	
07/03/14					62.2	16.8	
07/04/14					61.1	16.2	
07/05/14					60.5	15.8	
07/06/14					59.9	15.5	
07/07/14					60.2	15.7	
07/08/14					60.9	16.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50073 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					64.2	17.9	
07/10/14					56.6	13.7	
07/11/14					66.1	18.9	
07/12/14					62.5	16.9	
07/13/14					58.8	14.9	
07/14/14					61.0	16.1	
07/15/14					60.8	16.0	
07/16/14					65.8	18.8	
07/17/14	585	684	6734	1284	58.0	14.4	
07/18/14	429	739	7416	1438	68.8	20.4	
07/19/14	481	653	6050	1112	55.8	13.2	
07/20/14	460	804	7063	1338	54.6	12.6	
07/21/14	525	710	7150	1355	66.1	18.9	
07/22/14	517	790	7709	1484	66.8	19.3	
07/23/14	541	745	7402	1420	64.6	18.1	
07/24/14					64.5	18.1	
07/25/14					63.2	17.3	
07/26/14					57.4	14.1	
07/27/14					61.8	16.6	
07/28/14					74.2	23.4	
07/29/14					70.6	21.4	
07/30/14					63.8	17.7	
07/31/14					63.8	17.7	
08/01/14					63.0	17.2	
08/02/14					62.4	16.9	
08/03/14					61.2	16.2	
08/04/14					70.2	21.2	
08/05/14					61.5	16.4	
08/06/14					67.7	19.8	
08/07/14					67.1	19.5	
08/08/14					63.4	17.4	
08/09/14					62.2	16.8	
08/10/14					64.8	18.2	
08/11/14					67.5	19.7	
08/12/14					72.5	22.5	
08/13/14					68.3	20.2	
08/14/14					65.4	18.6	
08/15/14					62.2	16.8	
08/16/14					62.8	17.1	
08/17/14					63.4	17.4	
08/18/14					71.2	21.8	
08/19/14					73.0	22.8	
08/20/14					68.9	20.5	
08/21/14					72.5	22.5	
08/22/14					63.0	17.2	
08/23/14					57.4	14.1	
08/24/14					62.1	16.7	
08/25/14					68.9	20.5	
08/26/14					66.7	19.3	
08/27/14					63.7	17.6	
08/28/14					69.6	20.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50073 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.1	15.6	
08/30/14					61.5	16.4	
08/31/14					62.6	17.0	
09/01/14					68.2	20.1	
09/02/14					72.9	22.7	
09/03/14					73.3	22.9	
09/04/14					67.8	19.9	
09/05/14					61.9	16.6	
09/06/14					61.3	16.3	
09/07/14					58.9	14.9	
09/08/14					61.7	16.5	
09/09/14					66.8	19.3	
09/10/14					67.0	19.4	
09/11/14					67.5	19.7	
09/12/14					60.5	15.8	
09/13/14					55.5	13.1	
09/14/14					58.6	14.8	
09/15/14					60.3	15.7	
09/16/14					68.5	20.3	
09/17/14					63.7	17.6	
09/18/14					71.9	22.2	
09/19/14					60.5	15.8	
09/20/14					61.1	16.2	
09/21/14					62.3	16.8	
09/22/14					62.4	16.9	
09/23/14					63.0	17.2	
09/24/14					70.5	21.4	
09/25/14					68.5	20.3	
09/26/14	831	915	7883	1916	59.8	15.4	
09/27/14					60.3	15.7	
09/28/14					59.6	15.3	
09/29/14					64.0	17.8	
09/30/14					64.3	17.9	
10/01/14					64.9	18.3	
10/02/14					61.7	16.5	
10/03/14					53.1	11.7	
10/04/14					53.1	11.7	
10/05/14					51.4	10.8	
10/06/14					68.3	20.2	
10/07/14					60.1	15.6	
10/08/14					61.6	16.4	
10/09/14					60.2	15.7	
10/10/14					58.1	14.5	
10/11/14					56.3	13.5	
10/12/14					56.0	13.3	
10/13/14					55.1	12.8	
10/14/14					56.6	13.7	
10/15/14					64.1	17.8	
10/16/14					60.8	16.0	
10/17/14	820	873	7008	1807	56.9	13.8	
10/18/14					57.7	14.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50073 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.6	13.1	
10/20/14					55.5	13.1	
10/21/14					59.2	15.1	
10/22/14					64.3	17.9	
10/23/14					59.3	15.2	
10/24/14					55.5	13.1	
10/25/14					55.5	13.1	
10/26/14					57.5	14.2	
10/27/14					62.4	16.9	
10/28/14					56.3	13.5	
10/29/14					55.1	12.8	
10/30/14					56.1	13.4	
10/31/14					55.0	12.8	
11/01/14					54.7	12.6	
11/02/14					54.6	12.6	
11/03/14					59.2	15.1	
11/04/14					57.6	14.2	
11/05/14	901	1035	8866	2351	58.4	14.7	
11/06/14					62.0	16.7	
11/07/14					55.6	13.1	
11/08/14					54.4	12.4	
11/09/14					54.2	12.3	
11/10/14					63.4	17.4	
11/11/14					55.4	13.0	
11/12/14					54.3	12.4	
11/13/14					54.2	12.3	
11/14/14					54.7	12.6	
11/15/14					53.8	12.1	
11/16/14					54.2	12.3	
11/17/14					55.1	12.8	
11/18/14					53.0	11.7	
11/19/14					53.4	11.9	
11/20/14					55.5	13.1	
11/21/14					53.3	11.8	
11/22/14					51.9	11.1	
11/23/14					54.4	12.4	
11/24/14					54.2	12.3	
11/25/14					52.2	11.2	
11/26/14					53.3	11.8	
11/27/14					52.2	11.2	
11/28/14					53.8	12.1	
11/29/14					53.9	12.2	
11/30/14					55.2	12.9	
12/01/14					54.8	12.7	
12/02/14					54.3	12.4	
12/03/14	902	1066	7869	2095	55.8	13.2	
12/04/14					54.4	12.4	
12/05/14					53.8	12.1	
12/06/14					53.5	11.9	
12/07/14					53.8	12.1	
12/08/14					54.8	12.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50073 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.7	12.6	
12/10/14					56.2	13.4	
12/11/14					55.8	13.2	
12/12/14					54.5	12.5	
12/13/14					52.7	11.5	
12/14/14					53.8	12.1	
12/15/14							
12/16/14							
12/17/14					50.9	10.5	
12/18/14					53.0	11.7	
12/19/14					50.7	10.4	
12/20/14					47.8	8.8	
12/21/14					51.7	10.9	
12/22/14					55.4	13.0	
12/23/14					51.8	11.0	
12/24/14					47.7	8.7	
12/25/14					52.3	11.3	
12/26/14					53.3	11.8	
12/27/14					44.5	6.9	
12/28/14					42.1	5.6	
12/29/14					43.7	6.5	
12/30/14					47.8	8.8	
12/31/14					43.8	6.6	
01/01/15					46.6	8.1	
01/02/15					43.3	6.3	
01/03/15					44.7	7.1	
01/04/15					45.3	7.4	
01/05/15					53.4	11.9	
01/06/15					55.2	12.9	
01/07/15	864	979	7575	2131	55.6	13.1	
01/08/15					51.6	10.9	
01/09/15					52.7	11.5	
01/10/15					50.3	10.2	
01/11/15					51.5	10.8	
01/12/15					52.9	11.6	
01/13/15					53.2	11.8	
01/14/15					53.5	11.9	
01/15/15					53.9	12.2	
01/16/15					48.0	8.9	
01/17/15					49.7	9.8	
01/18/15					48.2	9.0	
01/19/15					50.2	10.1	
01/20/15					53.4	11.9	
01/21/15					53.7	12.1	
01/22/15					53.4	11.9	
01/23/15					44.9	7.2	
01/24/15					46.8	8.2	
01/25/15					49.1	9.5	
01/26/15					56.8	13.8	
01/27/15					55.3	12.9	
01/28/15					57.5	14.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50073 (Cell 1)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.0	12.2	
01/30/15					53.8	12.1	
01/31/15					53.4	11.9	
02/01/15					50.6	10.3	
02/02/15					53.7	12.1	
02/03/15					54.1	12.3	

Maximum	902	1066	8866	2351	74.2	23.4	
Minimum	429	653	6050	1112	39.7	4.3	

Average	655	833	7394	1644	58.1	14.5	
Std Dev	182	133	666	382	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50418 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14							
05/20/14					39.3	4.1	
05/21/14					40.1	4.5	
05/22/14					52.3	11.3	
05/23/14					47.2	8.4	
05/24/14					64.1	17.8	
05/25/14					59.3	15.2	
05/26/14					53.1	11.7	
05/27/14					53.0	11.7	
05/28/14					61.1	16.2	
05/29/14					62.3	16.8	
05/30/14					59.8	15.4	
05/31/14					54.4	12.4	
06/01/14					46.5	8.1	
06/02/14					56.7	13.7	
06/03/14					59.9	15.5	
06/04/14					59.9	15.5	
06/05/14					60.0	15.6	
06/06/14					58.6	14.8	
06/07/14					48.3	9.1	
06/08/14					54.5	12.5	
06/09/14					47.8	8.8	
06/10/14					46.6	8.1	
06/11/14					48.3	9.1	
06/12/14					56.9	13.8	
06/13/14					65.3	18.5	
06/14/14					70.6	21.4	
06/15/14					67.2	19.6	
06/16/14					71.9	22.2	
06/17/14					62.1	16.7	
06/18/14					62.5	16.9	
06/19/14					60.6	15.9	
06/20/14					61.5	16.4	
06/21/14					68.8	20.4	
06/22/14					66.7	19.3	
06/23/14					70.2	21.2	
06/24/14					65.4	18.6	
06/25/14					65.1	18.4	
06/26/14					72.5	22.5	
06/27/14					64.8	18.2	
06/28/14					69.6	20.9	
06/29/14					66.8	19.3	
06/30/14					65.6	18.7	
07/01/14					66.0	18.9	
07/02/14					64.2	17.9	
07/03/14					66.7	19.3	
07/04/14					66.0	18.9	
07/05/14					65.4	18.6	
07/06/14					63.5	17.5	
07/07/14					68.4	20.2	
07/08/14					66.7	19.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50418 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.3	20.7	
07/10/14					64.3	17.9	
07/11/14					69.4	20.8	
07/12/14					65.7	18.7	
07/13/14					65.3	18.5	
07/14/14					67.1	19.5	
07/15/14					66.3	19.1	
07/16/14					68.8	20.4	
07/17/14	428	630	10930	2646	65.2	18.4	
07/18/14	290	439	8938	2126	71.6	22.0	
07/19/14	311	470	8949	2150	64.8	18.2	
07/20/14	324	543	10502	2504	62.9	17.2	
07/21/14	431	635	11807	2910	68.9	20.5	
07/22/14	360	556	10482	2566	70.7	21.5	
07/23/14	364	474	9581	2363	69.7	20.9	
07/24/14	266	323	7552	1815	69.7	20.9	
07/25/14	398	558	10506	2542	69.2	20.7	
07/26/14	325	426	9875	2474	65.9	18.8	
07/27/14	335	525	8716	2140	67.2	19.6	
07/28/14	257	438	7906	1870	70.1	21.2	c2
07/29/14	386	545	9757	2444	69.3	20.7	
07/30/14	314	522	9877	2469	63.8	17.7	
07/31/14					64.5	18.1	
08/01/14					64.5	18.1	
08/02/14					63.7	17.6	
08/03/14					61.2	16.2	
08/04/14					69.7	20.9	
08/05/14					63.0	17.2	
08/06/14					67.3	19.6	
08/07/14					66.6	19.2	
08/08/14					63.1	17.3	
08/09/14					63.2	17.3	
08/10/14					64.6	18.1	
08/11/14					66.1	18.9	
08/12/14					71.4	21.9	
08/13/14					67.8	19.9	
08/14/14					64.9	18.3	
08/15/14					62.8	17.1	
08/16/14					62.9	17.2	
08/17/14					64.0	17.8	
08/18/14					69.9	21.1	
08/19/14					72.4	22.4	
08/20/14					68.5	20.3	
08/21/14					71.8	22.1	
08/22/14					64.2	17.9	
08/23/14					58.2	14.6	
08/24/14					60.0	15.6	
08/25/14					68.8	20.4	
08/26/14					65.3	18.5	
08/27/14					64.6	18.1	
08/28/14					68.9	20.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50418 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.9	15.5	
08/30/14					60.7	15.9	
08/31/14					62.1	16.7	
09/01/14					67.2	19.6	
09/02/14					71.3	21.8	
09/03/14					72.6	22.6	
09/04/14					67.0	19.4	
09/05/14					63.5	17.5	
09/06/14					62.7	17.1	
09/07/14					59.1	15.1	
09/08/14					62.4	16.9	
09/09/14					66.2	19.0	
09/10/14					66.3	19.1	
09/11/14					66.2	19.0	
09/12/14					60.0	15.6	
09/13/14					56.4	13.6	
09/14/14					58.7	14.8	
09/15/14					60.0	15.6	
09/16/14					67.1	19.5	
09/17/14					65.4	18.6	
09/18/14					69.1	20.6	
09/19/14					60.6	15.9	
09/20/14					61.3	16.3	
09/21/14					62.9	17.2	
09/22/14					63.4	17.4	
09/23/14					63.4	17.4	
09/24/14					70.2	21.2	
09/25/14					67.9	19.9	
09/26/14					59.7	15.4	
09/27/14					60.4	15.8	
09/28/14	262	330	6600	1949	59.2	15.1	
09/29/14					63.6	17.6	
09/30/14					62.8	17.1	
10/01/14					64.1	17.8	
10/02/14					63.2	17.3	
10/03/14					52.3	11.3	
10/04/14					51.7	10.9	
10/05/14					51.7	10.9	
10/06/14					67.4	19.7	
10/07/14					60.1	15.6	
10/08/14					61.5	16.4	
10/09/14					61.2	16.2	
10/10/14					59.4	15.2	
10/11/14					58.4	14.7	
10/12/14					58.0	14.4	
10/13/14					56.4	13.6	
10/14/14					57.3	14.1	
10/15/14					64.0	17.8	
10/16/14					61.0	16.1	
10/17/14					58.0	14.4	
10/18/14					59.1	15.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50418 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.6	14.2	
10/20/14					56.9	13.8	
10/21/14					60.4	15.8	
10/22/14	380	555	8896	2795	64.6	18.1	
10/23/14					60.1	15.6	
10/24/14					57.1	13.9	
10/25/14					56.1	13.4	
10/26/14					58.6	14.8	
10/27/14					63.3	17.4	
10/28/14					58.0	14.4	
10/29/14					56.0	13.3	
10/30/14					57.0	13.9	
10/31/14					55.4	13.0	
11/01/14					57.0	13.9	
11/02/14					56.3	13.5	
11/03/14					57.9	14.4	
11/04/14					47.3	8.5	
11/05/14					53.5	11.9	
11/06/14					51.4	10.8	
11/07/14					43.7	6.5	
11/08/14					45.9	7.7	
11/09/14					42.2	5.7	
11/10/14					54.0	12.2	
11/11/14					44.4	6.9	
11/12/14					40.7	4.8	
11/13/14					53.6	12.0	
11/14/14	408	491	7171	2330	55.2	12.9	
11/15/14					55.5	13.1	
11/16/14					54.0	12.2	
11/17/14					43.5	6.4	
11/18/14					52.3	11.3	
11/19/14					55.1	12.8	
11/20/14					56.6	13.7	
11/21/14					53.3	11.8	
11/22/14					52.4	11.3	
11/23/14					54.8	12.7	
11/24/14					55.5	13.1	
11/25/14					53.1	11.7	
11/26/14					53.6	12.0	
11/27/14					52.7	11.5	
11/28/14					53.9	12.2	
11/29/14					54.1	12.3	
11/30/14					55.7	13.2	
12/01/14					56.2	13.4	
12/02/14					55.6	13.1	
12/03/14					57.0	13.9	
12/04/14					55.7	13.2	
12/05/14					54.7	12.6	
12/06/14					55.8	13.2	
12/07/14					54.6	12.6	
12/08/14					55.2	12.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50418 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.5	13.1	
12/10/14					58.3	14.6	
12/11/14					54.9	12.7	
12/12/14	56	155	2181	667	53.9	12.2	
12/13/14					55.4	13.0	
12/14/14					54.5	12.5	
12/15/14					54.5	12.5	
12/16/14							
12/17/14					55.4	13.0	
12/18/14					55.4	13.0	
12/19/14					52.2	11.2	
12/20/14					49.6	9.8	
12/21/14					52.4	11.3	
12/22/14					57.2	14.0	
12/23/14					54.9	12.7	
12/24/14					50.3	10.2	
12/25/14					53.3	11.8	
12/26/14					53.9	12.2	
12/27/14					46.8	8.2	
12/28/14					45.7	7.6	
12/29/14					46.0	7.8	
12/30/14					48.9	9.4	
12/31/14					46.5	8.1	
01/01/15					47.9	8.8	
01/02/15					46.1	7.8	
01/03/15					46.9	8.3	
01/04/15					47.1	8.4	
01/05/15					53.5	11.9	
01/06/15					55.8	13.2	
01/07/15					56.1	13.4	
01/08/15					53.2	11.8	
01/09/15					53.4	11.9	
01/10/15					52.7	11.5	
01/11/15					53.5	11.9	
01/12/15					53.9	12.2	
01/13/15					53.9	12.2	
01/14/15					54.9	12.7	
01/15/15					54.6	12.6	
01/16/15	394	416	6092	2062	48.5	9.2	
01/17/15					50.9	10.5	
01/18/15					49.4	9.7	
01/19/15					50.8	10.4	
01/20/15					55.2	12.9	
01/21/15					54.1	12.3	
01/22/15					49.6	9.8	
01/23/15					46.9	8.3	
01/24/15					48.5	9.2	
01/25/15					49.9	9.9	
01/26/15					58.9	14.9	
01/27/15					55.6	13.1	
01/28/15					60.3	15.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50418 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.5	13.1	
01/30/15					54.2	12.3	
01/31/15					55.2	12.9	
02/01/15					51.6	10.9	
02/02/15					55.0	12.8	
02/03/15					54.1	12.3	

Maximum	431	635	11807	2910	72.6	22.6	
Minimum	56	155	2181	667	39.3	4.1	

Average	331	475	8754	2254	59.0	15.0	
Std Dev	84	112	2141	476	7.3	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50431 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					38.0	3.3	
05/20/14					39.1	3.9	
05/21/14					39.6	4.2	
05/22/14					50.1	10.1	
05/23/14					47.7	8.7	
05/24/14					62.4	16.9	
05/25/14					50.8	10.4	
05/26/14					46.6	8.1	
05/27/14					57.6	14.2	
05/28/14					59.8	15.4	
05/29/14					63.1	17.3	
05/30/14					60.6	15.9	
05/31/14					56.2	13.4	
06/01/14					45.0	7.2	
06/02/14					56.4	13.6	
06/03/14					59.4	15.2	
06/04/14					59.8	15.4	
06/05/14					52.6	11.4	
06/06/14					61.4	16.3	
06/07/14					46.4	8.0	
06/08/14					54.7	12.6	
06/09/14					50.7	10.4	
06/10/14					45.4	7.4	
06/11/14					54.0	12.2	
06/12/14					71.8	22.1	
06/13/14					55.6	13.1	
06/14/14					66.9	19.4	
06/15/14					58.9	14.9	
06/16/14					66.5	19.2	
06/17/14					53.0	11.7	
06/18/14					57.1	13.9	
06/19/14					52.5	11.4	
06/20/14					53.5	11.9	
06/21/14					58.0	14.4	
06/22/14					60.6	15.9	
06/23/14					64.7	18.2	
06/24/14					60.0	15.6	
06/25/14					58.8	14.9	
06/26/14					68.3	20.2	
06/27/14					59.5	15.3	
06/28/14					62.6	17.0	
06/29/14					61.7	16.5	
06/30/14					59.1	15.1	
07/01/14					54.6	12.6	
07/02/14					52.4	11.3	
07/03/14					60.9	16.1	
07/04/14					60.1	15.6	
07/05/14					60.1	15.6	
07/06/14					59.5	15.3	
07/07/14					59.8	15.4	
07/08/14					60.5	15.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50431 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					63.9	17.7	
07/10/14					55.5	13.1	
07/11/14					64.1	17.8	
07/12/14					62.8	17.1	
07/13/14					58.6	14.8	
07/14/14					59.9	15.5	
07/15/14					60.5	15.8	
07/16/14					66.5	19.2	
07/17/14	526	268	6369	670	57.0	13.9	
07/18/14	585	338	7833	847	67.3	19.6	
07/19/14	554	336	7517	818	55.0	12.8	
07/20/14	593	323	7711	864	54.3	12.4	
07/21/14	590	222	7119	788	64.4	18.0	
07/22/14	536	305	7943	877	65.1	18.4	
07/23/14	563	227	7494	767	63.6	17.6	
07/24/14					67.2	19.6	
07/25/14					62.6	17.0	
07/26/14					55.6	13.1	
07/27/14					60.1	15.6	
07/28/14					73.4	23.0	
07/29/14					69.1	20.6	
07/30/14					63.1	17.3	
07/31/14					63.5	17.5	
08/01/14					62.5	16.9	
08/02/14					61.5	16.4	
08/03/14					60.7	15.9	
08/04/14					69.3	20.7	
08/05/14					60.9	16.1	
08/06/14					67.2	19.6	
08/07/14					66.7	19.3	
08/08/14					63.4	17.4	
08/09/14					61.8	16.6	
08/10/14					64.2	17.9	
08/11/14					66.7	19.3	
08/12/14					71.8	22.1	
08/13/14					67.3	19.6	
08/14/14					64.6	18.1	
08/15/14					61.4	16.3	
08/16/14					61.5	16.4	
08/17/14					62.8	17.1	
08/18/14					69.9	21.1	
08/19/14					72.5	22.5	
08/20/14					68.3	20.2	
08/21/14					70.5	21.4	
08/22/14					61.7	16.5	
08/23/14					57.1	13.9	
08/24/14					61.6	16.4	
08/25/14					70.0	21.1	
08/26/14					66.1	18.9	
08/27/14					63.3	17.4	
08/28/14					68.6	20.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50431 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					59.6	15.3	
08/30/14					60.6	15.9	
08/31/14					62.0	16.7	
09/01/14					67.7	19.8	
09/02/14					71.0	21.7	
09/03/14					72.4	22.4	
09/04/14					67.6	19.8	
09/05/14					61.1	16.2	
09/06/14					60.7	15.9	
09/07/14					58.3	14.6	
09/08/14					61.3	16.3	
09/09/14					66.6	19.2	
09/10/14					66.3	19.1	
09/11/14					66.8	19.3	
09/12/14					60.1	15.6	
09/13/14					55.4	13.0	
09/14/14					58.7	14.8	
09/15/14					59.6	15.3	
09/16/14					67.1	19.5	
09/17/14					63.1	17.3	
09/18/14					69.7	20.9	
09/19/14					60.8	16.0	
09/20/14					60.5	15.8	
09/21/14					61.1	16.2	
09/22/14					61.3	16.3	
09/23/14					62.7	17.1	
09/24/14					68.9	20.5	
09/25/14					67.8	19.9	
09/26/14					59.2	15.1	
09/27/14	200	206	5086	702	60.4	15.8	
09/28/14					59.0	15.0	
09/29/14					63.7	17.6	
09/30/14					63.5	17.5	
10/01/14					64.7	18.2	
10/02/14					61.2	16.2	
10/03/14					52.9	11.6	
10/04/14					52.7	11.5	
10/05/14					50.6	10.3	
10/06/14					67.9	19.9	
10/07/14					60.1	15.6	
10/08/14					61.6	16.4	
10/09/14					60.2	15.7	
10/10/14					57.5	14.2	
10/11/14					56.2	13.4	
10/12/14					55.9	13.3	
10/13/14					54.6	12.6	
10/14/14					56.9	13.8	
10/15/14	650	398	7647	1086	64.0	17.8	
10/16/14					60.9	16.1	
10/17/14					56.8	13.8	
10/18/14					57.6	14.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50431 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					55.7	13.2	
10/20/14					55.4	13.0	
10/21/14					59.1	15.1	
10/22/14					63.5	17.5	
10/23/14					58.9	14.9	
10/24/14					55.5	13.1	
10/25/14					54.7	12.6	
10/26/14					57.0	13.9	
10/27/14					62.5	16.9	
10/28/14					56.1	13.4	
10/29/14					54.5	12.5	
10/30/14					55.6	13.1	
10/31/14					55.0	12.8	
11/01/14					54.5	12.5	
11/02/14					54.6	12.6	
11/03/14					59.8	15.4	
11/04/14	595	336	6397	914	57.1	13.9	
11/05/14					58.5	14.7	
11/06/14					61.8	16.6	
11/07/14					55.5	13.1	
11/08/14					55.3	12.9	
11/09/14					54.4	12.4	
11/10/14					63.5	17.5	
11/11/14					55.2	12.9	
11/12/14					54.7	12.6	
11/13/14					54.0	12.2	
11/14/14					55.0	12.8	
11/15/14					53.5	11.9	
11/16/14					54.9	12.7	
11/17/14					53.6	12.0	
11/18/14					52.7	11.5	
11/19/14					53.8	12.1	
11/20/14					55.6	13.1	
11/21/14					53.8	12.1	
11/22/14					52.6	11.4	
11/23/14					53.7	12.1	
11/24/14					54.5	12.5	
11/25/14					52.3	11.3	
11/26/14					54.2	12.3	
11/27/14					50.2	10.1	
11/28/14					53.6	12.0	
11/29/14					54.7	12.6	
11/30/14					55.3	12.9	
12/01/14					56.5	13.6	
12/02/14					55.0	12.8	
12/03/14	723	391	6609	1040	55.2	12.9	
12/04/14					54.5	12.5	
12/05/14					54.4	12.4	
12/06/14					53.3	11.8	
12/07/14					54.4	12.4	
12/08/14					54.8	12.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50431 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.2	12.9	
12/10/14					56.9	13.8	
12/11/14					55.5	13.1	
12/12/14					54.2	12.3	
12/13/14					52.8	11.6	
12/14/14					54.5	12.5	
12/15/14							
12/16/14							
12/17/14					51.9	11.1	
12/18/14					54.9	12.7	
12/19/14					50.8	10.4	
12/20/14					47.8	8.8	
12/21/14					52.4	11.3	
12/22/14					55.7	13.2	
12/23/14					53.1	11.7	
12/24/14					49.2	9.6	
12/25/14					53.1	11.7	
12/26/14					52.0	11.1	
12/27/14					44.9	7.2	
12/28/14					43.7	6.5	
12/29/14					44.1	6.7	
12/30/14					47.2	8.4	
12/31/14					44.0	6.7	
01/01/15					47.5	8.6	
01/02/15					44.2	6.8	
01/03/15					45.1	7.3	
01/04/15					45.9	7.7	
01/05/15					54.4	12.4	
01/06/15					56.6	13.7	
01/07/15	713	414	6473	1015	55.8	13.2	
01/08/15					53.4	11.9	c2
01/09/15					54.5	12.5	
01/10/15					52.2	11.2	
01/11/15					53.2	11.8	
01/12/15					54.3	12.4	
01/13/15					54.3	12.4	
01/14/15					54.3	12.4	
01/15/15					54.5	12.5	
01/16/15					47.9	8.8	
01/17/15					49.6	9.8	
01/18/15					47.7	8.7	
01/19/15					51.1	10.6	
01/20/15					54.0	12.2	
01/21/15					54.5	12.5	
01/22/15					54.4	12.4	
01/23/15					45.1	7.3	
01/24/15					46.9	8.3	
01/25/15					49.3	9.6	
01/26/15					57.3	14.1	
01/27/15					55.8	13.2	
01/28/15					58.1	14.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50431 (Cell 1)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.5	12.5	
01/30/15					54.4	12.4	
01/31/15					54.0	12.2	
02/01/15					51.1	10.6	
02/02/15					55.0	12.8	
02/03/15					54.2	12.3	c2

Maximum	723	414	7943	1086	73.4	23.0	
Minimum	200	206	5086	670	38.0	3.3	

Average	569	314	7017	866	57.7	14.3	
Std Dev	127	67	811	125	6.5	3.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50442 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					38.9	3.8	
05/20/14					39.2	4.0	
05/21/14					39.8	4.3	
05/22/14					50.8	10.4	
05/23/14					48.8	9.3	
05/24/14					64.2	17.9	
05/25/14					65.4	18.6	
05/26/14					65.4	18.6	
05/27/14					67.0	19.4	
05/28/14					67.7	19.8	
05/29/14					66.4	19.1	
05/30/14					65.3	18.5	
05/31/14					67.5	19.7	
06/01/14					66.3	19.1	
06/02/14					71.1	21.7	
06/03/14					72.6	22.6	
06/04/14					65.8	18.8	
06/05/14					64.6	18.1	
06/06/14					64.4	18.0	
06/07/14					65.4	18.6	
06/08/14					63.6	17.6	
06/09/14					69.2	20.7	
06/10/14					63.4	17.4	
06/11/14					64.4	18.0	
06/12/14					59.8	15.4	
06/13/14					65.6	18.7	
06/14/14					70.6	21.4	
06/15/14					64.1	17.8	
06/16/14					63.6	17.6	
06/17/14					66.8	19.3	
06/18/14					69.3	20.7	
06/19/14					65.7	18.7	
06/20/14					68.1	20.1	
06/21/14					61.9	16.6	
06/22/14					62.0	16.7	
06/23/14					69.1	20.6	
06/24/14					68.4	20.2	
06/25/14					66.5	19.2	
06/26/14					61.9	16.6	
06/27/14					63.8	17.7	
06/28/14					62.5	16.9	
06/29/14					61.7	16.5	
06/30/14					65.3	18.5	
07/01/14					69.7	20.9	
07/02/14					63.5	17.5	
07/03/14					70.0	21.1	
07/04/14					62.5	16.9	
07/05/14					62.8	17.1	
07/06/14					62.2	16.8	
07/07/14					72.1	22.3	
07/08/14					65.9	18.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50442 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					65.5	18.6	
07/10/14					67.4	19.7	
07/11/14					67.7	19.8	
07/12/14					64.0	17.8	
07/13/14					62.9	17.2	
07/14/14					65.0	18.3	
07/15/14					64.0	17.8	
07/16/14					67.0	19.4	
07/17/14					63.2	17.3	
07/18/14					70.1	21.2	
07/19/14					64.6	18.1	
07/20/14					62.5	16.9	
07/21/14					66.8	19.3	
07/22/14					68.7	20.4	
07/23/14					66.6	19.2	
07/24/14					65.2	18.4	
07/25/14					64.3	17.9	
07/26/14					66.6	19.2	
07/27/14					64.7	18.2	
07/28/14					68.5	20.3	
07/29/14					65.8	18.8	
07/30/14					62.1	16.7	
07/31/14	193	251	4597	652	63.2	17.3	
08/01/14	92	99	2963	386	62.0	16.7	
08/02/14	194	273	4430	610	62.0	16.7	
08/03/14	130	185	4176	551	61.7	16.5	
08/04/14	155	164	3622	502	67.6	19.8	
08/05/14	128	233	4215	589	66.9	19.4	
08/06/14	199	304	4707	648	65.6	18.7	
08/07/14					67.1	19.5	
08/08/14					60.0	15.6	
08/09/14					62.6	17.0	
08/10/14					62.8	17.1	
08/11/14					65.8	18.8	
08/12/14					71.9	22.2	
08/13/14					68.5	20.3	
08/14/14					65.4	18.6	
08/15/14					62.2	16.8	
08/16/14					63.1	17.3	
08/17/14					62.2	16.8	
08/18/14					68.9	20.5	
08/19/14					69.7	20.9	
08/20/14					67.2	19.6	
08/21/14					70.9	21.6	
08/22/14					61.9	16.6	
08/23/14					59.3	15.2	
08/24/14					62.5	16.9	
08/25/14					68.5	20.3	
08/26/14					64.6	18.1	
08/27/14					63.1	17.3	
08/28/14					69.0	20.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50442 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.3	16.3	
08/30/14					61.6	16.4	
08/31/14					62.3	16.8	
09/01/14					61.6	16.4	
09/02/14					71.1	21.7	
09/03/14					69.1	20.6	
09/04/14					65.7	18.7	
09/05/14					62.5	16.9	
09/06/14					66.5	19.2	
09/07/14					59.8	15.4	
09/08/14					62.4	16.9	
09/09/14					65.7	18.7	
09/10/14					66.1	18.9	
09/11/14					65.9	18.8	
09/12/14					61.8	16.6	
09/13/14					57.1	13.9	
09/14/14					59.2	15.1	
09/15/14					61.3	16.3	
09/16/14					65.9	18.8	
09/17/14					63.6	17.6	
09/18/14					69.2	20.7	
09/19/14					60.9	16.1	
09/20/14					61.9	16.6	
09/21/14					62.1	16.7	
09/22/14					62.0	16.7	
09/23/14					63.1	17.3	
09/24/14	205	339	4941	770	67.7	19.8	
09/25/14					67.3	19.6	
09/26/14					59.9	15.5	
09/27/14					61.5	16.4	
09/28/14					59.9	15.5	
09/29/14					63.0	17.2	
09/30/14					62.6	17.0	
10/01/14					63.6	17.6	
10/02/14					61.3	16.3	
10/03/14					52.6	11.4	
10/04/14					52.7	11.5	
10/05/14					51.2	10.7	
10/06/14					67.0	19.4	
10/07/14	187	340	4676	754	60.0	15.6	
10/08/14					61.6	16.4	
10/09/14					60.5	15.8	
10/10/14					58.7	14.8	
10/11/14					57.6	14.2	
10/12/14					57.2	14.0	
10/13/14					56.6	13.7	
10/14/14					57.2	14.0	
10/15/14					63.5	17.5	
10/16/14					61.3	16.3	
10/17/14					57.5	14.2	
10/18/14					59.0	15.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50442 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.2	14.0	
10/20/14					56.5	13.6	
10/21/14					59.8	15.4	
10/22/14					63.2	17.3	
10/23/14					59.2	15.1	
10/24/14					56.6	13.7	
10/25/14					56.0	13.3	
10/26/14					58.3	14.6	
10/27/14					62.0	16.7	
10/28/14					56.7	13.7	
10/29/14					56.6	13.7	
10/30/14					56.9	13.8	
10/31/14					56.2	13.4	
11/01/14					56.3	13.5	
11/02/14					56.1	13.4	
11/03/14					59.2	15.1	
11/04/14					53.0	11.7	
11/05/14					56.0	13.3	
11/06/14					56.1	13.4	
11/07/14					49.6	9.8	
11/08/14					52.9	11.6	
11/09/14					48.4	9.1	
11/10/14					56.5	13.6	
11/11/14	229	359	4681	834	51.0	10.6	
11/12/14					47.5	8.6	
11/13/14					52.6	11.4	
11/14/14					55.7	13.2	
11/15/14					58.0	14.4	
11/16/14					56.5	13.6	
11/17/14					49.0	9.4	
11/18/14					52.4	11.3	
11/19/14					56.0	13.3	
11/20/14					56.9	13.8	
11/21/14					52.8	11.6	
11/22/14					53.5	11.9	
11/23/14					56.8	13.8	
11/24/14					54.0	12.2	
11/25/14					53.3	11.8	
11/26/14					51.8	11.0	
11/27/14					52.7	11.5	
11/28/14					53.8	12.1	
11/29/14					54.4	12.4	
11/30/14					58.2	14.6	
12/01/14					57.0	13.9	
12/02/14					56.3	13.5	
12/03/14					57.1	13.9	
12/04/14					55.0	12.8	
12/05/14					55.8	13.2	
12/06/14					56.9	13.8	
12/07/14					56.5	13.6	
12/08/14					56.7	13.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50442 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14	232	351	4466	822	55.5	13.1	
12/10/14					57.3	14.1	
12/11/14					55.8	13.2	
12/12/14					56.2	13.4	
12/13/14					55.3	12.9	
12/14/14					56.0	13.3	
12/15/14							
12/16/14							
12/17/14					53.0	11.7	
12/18/14					55.1	12.8	
12/19/14					51.4	10.8	
12/20/14					49.9	9.9	
12/21/14					51.5	10.8	
12/22/14					57.7	14.3	
12/23/14					52.5	11.4	
12/24/14					49.3	9.6	
12/25/14					54.4	12.4	
12/26/14					53.6	12.0	
12/27/14					46.6	8.1	
12/28/14					44.1	6.7	
12/29/14					44.2	6.8	
12/30/14					49.0	9.4	
12/31/14					45.6	7.6	
01/01/15					46.9	8.3	
01/02/15					45.2	7.3	
01/03/15					45.2	7.3	
01/04/15					45.9	7.7	
01/05/15					52.3	11.3	
01/06/15					56.2	13.4	
01/07/15					55.5	13.1	
01/08/15					53.5	11.9	
01/09/15					54.2	12.3	
01/10/15					52.9	11.6	
01/11/15					52.2	11.2	
01/12/15					54.1	12.3	
01/13/15	201	324	3759	784	52.8	11.6	
01/14/15					52.9	11.6	
01/15/15					53.8	12.1	
01/16/15					50.7	10.4	
01/17/15					51.1	10.6	
01/18/15					47.7	8.7	
01/19/15					51.5	10.8	
01/20/15					55.0	12.8	
01/21/15					53.9	12.2	
01/22/15					52.4	11.3	
01/23/15					45.9	7.7	
01/24/15					49.0	9.4	
01/25/15					50.2	10.1	
01/26/15					57.8	14.3	
01/27/15					56.6	13.7	
01/28/15					58.5	14.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50442 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.8	13.8	
01/30/15					56.0	13.3	
01/31/15					54.7	12.6	
02/01/15					51.7	10.9	
02/02/15					55.4	13.0	
02/03/15					54.4	12.4	

Maximum	232	359	4941	834	72.6	22.6	
Minimum	92	99	2963	386	38.9	3.8	

Average	179	269	4269	659	59.6	15.3	
Std Dev	41	80	544	133	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50443 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14							
05/20/14							
05/21/14					42.9	6.1	
05/22/14					47.8	8.8	
05/23/14					44.8	7.1	
05/24/14					64.1	17.8	
05/25/14					65.1	18.4	
05/26/14					64.4	18.0	
05/27/14					66.7	19.3	
05/28/14					68.1	20.1	
05/29/14					66.4	19.1	
05/30/14					65.3	18.5	
05/31/14					67.7	19.8	
06/01/14					66.7	19.3	
06/02/14					71.8	22.1	
06/03/14					73.3	22.9	
06/04/14					65.6	18.7	
06/05/14					64.4	18.0	
06/06/14					63.9	17.7	
06/07/14					65.5	18.6	
06/08/14					63.8	17.7	
06/09/14					69.8	21.0	
06/10/14					63.6	17.6	
06/11/14					66.2	19.0	
06/12/14					56.6	13.7	
06/13/14					64.1	17.8	
06/14/14					65.9	18.8	
06/15/14					61.0	16.1	
06/16/14					63.6	17.6	
06/17/14					66.3	19.1	
06/18/14					69.5	20.8	
06/19/14					65.9	18.8	
06/20/14					68.3	20.2	
06/21/14					61.4	16.3	
06/22/14					62.0	16.7	
06/23/14					70.0	21.1	
06/24/14					68.7	20.4	
06/25/14					67.0	19.4	
06/26/14					70.7	21.5	
06/27/14					64.6	18.1	
06/28/14					62.2	16.8	
06/29/14					62.1	16.7	
06/30/14					65.5	18.6	
07/01/14					70.2	21.2	
07/02/14					63.6	17.6	
07/03/14					70.4	21.3	
07/04/14					62.6	17.0	
07/05/14					62.9	17.2	
07/06/14					62.0	16.7	
07/07/14					72.4	22.4	
07/08/14					66.1	18.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50443 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					65.3	18.5	
07/10/14					68.0	20.0	
07/11/14					67.8	19.9	
07/12/14					64.1	17.8	
07/13/14					62.8	17.1	
07/14/14					65.5	18.6	
07/15/14					64.3	17.9	
07/16/14					67.3	19.6	
07/17/14					64.6	18.1	
07/18/14					70.9	21.6	
07/19/14					64.4	18.0	
07/20/14					62.5	16.9	
07/21/14					66.9	19.4	
07/22/14					69.3	20.7	
07/23/14					66.8	19.3	
07/24/14					65.5	18.6	
07/25/14					64.1	17.8	
07/26/14					67.7	19.8	
07/27/14					65.8	18.8	
07/28/14					69.4	20.8	
07/29/14					66.4	19.1	
07/30/14					62.7	17.1	
07/31/14	717	832	12029	1607	63.2	17.3	
08/01/14	651	631	10445	1385	62.7	17.1	
08/02/14	473	539	8610	1119	62.2	16.8	
08/03/14	648	660	10346	1367	62.1	16.7	
08/04/14	646	772	11235	1480	68.1	20.1	
08/05/14	756	785	12279	1677	67.1	19.5	
08/06/14	665	660	11608	1541	65.7	18.7	
08/07/14					68.1	20.1	
08/08/14					60.4	15.8	
08/09/14					62.8	17.1	
08/10/14					63.6	17.6	
08/11/14					65.6	18.7	
08/12/14					72.4	22.4	
08/13/14					68.7	20.4	
08/14/14					65.5	18.6	
08/15/14					62.4	16.9	
08/16/14					63.9	17.7	
08/17/14					62.3	16.8	
08/18/14					69.1	20.6	
08/19/14					70.3	21.3	
08/20/14					67.4	19.7	
08/21/14					70.7	21.5	
08/22/14					62.0	16.7	
08/23/14					59.7	15.4	
08/24/14					62.6	17.0	
08/25/14					68.7	20.4	
08/26/14					65.1	18.4	
08/27/14					63.4	17.4	
08/28/14					68.6	20.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50443 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					61.5	16.4	
08/30/14					61.8	16.6	
08/31/14					62.3	16.8	
09/01/14					61.9	16.6	
09/02/14					71.7	22.1	
09/03/14					71.2	21.8	
09/04/14					65.8	18.8	
09/05/14					62.4	16.9	
09/06/14					66.5	19.2	
09/07/14					60.0	15.6	
09/08/14					62.3	16.8	
09/09/14					65.9	18.8	
09/10/14					66.2	19.0	
09/11/14					65.9	18.8	
09/12/14					62.0	16.7	
09/13/14					57.0	13.9	
09/14/14					59.6	15.3	
09/15/14					60.7	15.9	
09/16/14					65.5	18.6	
09/17/14					64.0	17.8	
09/18/14					69.5	20.8	
09/19/14					61.2	16.2	
09/20/14					62.4	16.9	
09/21/14					61.9	16.6	
09/22/14					62.0	16.7	
09/23/14	737	958	13731	2015	63.7	17.6	
09/24/14					68.3	20.2	
09/25/14					68.3	20.2	
09/26/14					59.9	15.5	
09/27/14					61.5	16.4	
09/28/14					60.1	15.6	
09/29/14					63.3	17.4	
09/30/14					62.4	16.9	
10/01/14	631	820	12676	1879	63.5	17.5	
10/02/14					61.2	16.2	
10/03/14					53.2	11.8	
10/04/14					52.5	11.4	
10/05/14					51.8	11.0	
10/06/14					66.8	19.3	
10/07/14					59.4	15.2	
10/08/14					61.5	16.4	
10/09/14					60.0	15.6	
10/10/14					59.1	15.1	
10/11/14					57.9	14.4	
10/12/14					57.3	14.1	
10/13/14					56.4	13.6	
10/14/14					57.2	14.0	
10/15/14					63.4	17.4	
10/16/14					61.0	16.1	
10/17/14					58.3	14.6	
10/18/14					58.5	14.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50443 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.1	13.9	
10/20/14					56.0	13.3	
10/21/14					59.7	15.4	
10/22/14					63.3	17.4	
10/23/14					59.0	15.0	
10/24/14					56.4	13.6	
10/25/14					55.9	13.3	
10/26/14					57.9	14.4	
10/27/14					61.8	16.6	
10/28/14					56.6	13.7	
10/29/14					56.7	13.7	
10/30/14					57.0	13.9	
10/31/14					55.8	13.2	
11/01/14					56.0	13.3	
11/02/14					56.6	13.7	
11/03/14					59.3	15.2	
11/04/14					54.1	12.3	
11/05/14	733	846	12196	1934	56.8	13.8	
11/06/14					58.0	14.4	
11/07/14					50.6	10.3	
11/08/14					54.2	12.3	
11/09/14					50.5	10.3	
11/10/14					56.6	13.7	
11/11/14					53.5	11.9	
11/12/14					50.2	10.1	
11/13/14					51.8	11.0	
11/14/14					54.2	12.3	
11/15/14					56.6	13.7	
11/16/14					54.5	12.5	
11/17/14					51.0	10.6	
11/18/14					52.8	11.6	
11/19/14					56.0	13.3	
11/20/14					57.6	14.2	
11/21/14					52.1	11.2	
11/22/14					52.3	11.3	
11/23/14					55.2	12.9	
11/24/14					53.3	11.8	
11/25/14					52.6	11.4	
11/26/14					51.6	10.9	
11/27/14					52.0	11.1	
11/28/14					53.3	11.8	
11/29/14					54.1	12.3	
11/30/14					57.2	14.0	
12/01/14					57.0	13.9	
12/02/14					55.8	13.2	
12/03/14	716	850	10898	1735	56.5	13.6	
12/04/14					54.9	12.7	
12/05/14					54.5	12.5	
12/06/14					56.1	13.4	
12/07/14					55.5	13.1	
12/08/14					56.4	13.6	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50443 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					55.0	12.8	
12/10/14					55.6	13.1	
12/11/14					54.8	12.7	
12/12/14					55.4	13.0	
12/13/14					55.4	13.0	
12/14/14					55.4	13.0	
12/15/14							
12/16/14							
12/17/14					51.5	10.8	
12/18/14					54.6	12.6	
12/19/14					51.6	10.9	
12/20/14					50.0	10.0	
12/21/14					50.9	10.5	
12/22/14					56.0	13.3	
12/23/14					52.1	11.2	
12/24/14					48.6	9.2	
12/25/14					53.0	11.7	
12/26/14					52.7	11.5	
12/27/14					44.5	6.9	
12/28/14					42.3	5.7	
12/29/14					44.6	7.0	
12/30/14					49.3	9.6	
12/31/14					45.7	7.6	
01/01/15					45.6	7.6	
01/02/15					43.3	6.3	
01/03/15					44.8	7.1	
01/04/15					45.5	7.5	
01/05/15					50.1	10.1	
01/06/15					54.4	12.4	
01/07/15	726	747	9478	1578	54.9	12.7	
01/08/15					52.3	11.3	
01/09/15					53.5	11.9	
01/10/15					50.8	10.4	
01/11/15					52.0	11.1	
01/12/15					53.4	11.9	
01/13/15					52.1	11.2	
01/14/15					52.3	11.3	
01/15/15					53.2	11.8	
01/16/15					49.5	9.7	
01/17/15					51.3	10.7	
01/18/15					48.9	9.4	
01/19/15					50.6	10.3	
01/20/15					54.5	12.5	
01/21/15					53.4	11.9	
01/22/15					53.5	11.9	
01/23/15					47.7	8.7	
01/24/15					49.4	9.7	
01/25/15					50.9	10.5	
01/26/15					58.1	14.5	
01/27/15					56.5	13.6	
01/28/15					58.1	14.5	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50443 (Cell 2)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					56.3	13.5	
01/30/15					53.5	11.9	
01/31/15					54.0	12.2	
02/01/15					50.9	10.5	
02/02/15					56.2	13.4	
02/03/15					55.6	13.1	

Maximum	756	958	13731	2015	73.3	22.9	
Minimum	473	539	8610	1119	42.3	5.7	

Average	675	758	11294	1610	59.7	15.4	
Std Dev	73	112	1371	247	6.8	3.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50448 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14							
05/20/14							
05/21/14					42.8	6.0	
05/22/14					50.2	10.1	
05/23/14					53.0	11.7	
05/24/14					60.8	16.0	
05/25/14					58.8	14.9	
05/26/14					53.0	11.7	
05/27/14					52.9	11.6	
05/28/14					60.4	15.8	
05/29/14					62.6	17.0	
05/30/14					57.7	14.3	
05/31/14					55.1	12.8	
06/01/14					46.6	8.1	
06/02/14					57.9	14.4	
06/03/14					60.2	15.7	
06/04/14					59.9	15.5	
06/05/14					61.1	16.2	
06/06/14					58.5	14.7	
06/07/14					48.6	9.2	
06/08/14					55.3	12.9	
06/09/14					48.1	8.9	
06/10/14					47.0	8.3	
06/11/14					48.3	9.1	
06/12/14					56.3	13.5	
06/13/14					65.3	18.5	
06/14/14					70.8	21.6	
06/15/14					67.5	19.7	
06/16/14					72.3	22.4	
06/17/14					62.5	16.9	
06/18/14					62.6	17.0	
06/19/14					60.5	15.8	
06/20/14					61.4	16.3	
06/21/14					68.7	20.4	
06/22/14					66.8	19.3	
06/23/14					69.8	21.0	
06/24/14					64.9	18.3	
06/25/14					65.2	18.4	
06/26/14					72.5	22.5	
06/27/14					65.0	18.3	
06/28/14					69.7	20.9	
06/29/14					66.5	19.2	
06/30/14					65.4	18.6	
07/01/14					65.9	18.8	
07/02/14					64.1	17.8	
07/03/14					66.7	19.3	
07/04/14					65.4	18.6	
07/05/14					65.7	18.7	
07/06/14					63.6	17.6	
07/07/14					68.5	20.3	
07/08/14					68.1	20.1	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50448 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.8	21.0	
07/10/14					64.6	18.1	
07/11/14					69.5	20.8	
07/12/14					65.8	18.8	
07/13/14					65.6	18.7	
07/14/14					67.0	19.4	
07/15/14					66.5	19.2	
07/16/14					69.0	20.6	
07/17/14	878	732	6833	1015	65.2	18.4	
07/18/14	641	474	5956	912	71.6	22.0	
07/19/14	844	587	6802	1043	65.4	18.6	
07/20/14	768	553	6408	952	62.7	17.1	
07/21/14	886	631	7439	1140	69.2	20.7	
07/22/14	895	644	7427	1088	70.5	21.4	
07/23/14	860	580	7132	1079	69.9	21.1	
07/24/14					69.9	21.1	
07/25/14					69.7	20.9	
07/26/14					66.1	18.9	
07/27/14					67.2	19.6	
07/28/14					71.3	21.8	
07/29/14					69.6	20.9	
07/30/14					64.4	18.0	
07/31/14					64.8	18.2	
08/01/14					64.7	18.2	
08/02/14					64.2	17.9	
08/03/14					62.0	16.7	
08/04/14					69.6	20.9	
08/05/14					62.9	17.2	
08/06/14					67.4	19.7	
08/07/14					66.6	19.2	
08/08/14					63.5	17.5	
08/09/14					63.3	17.4	
08/10/14					65.0	18.3	
08/11/14					67.2	19.6	
08/12/14					71.5	21.9	
08/13/14					68.6	20.3	
08/14/14					65.3	18.5	
08/15/14					63.5	17.5	
08/16/14					63.2	17.3	
08/17/14					64.1	17.8	
08/18/14					70.3	21.3	
08/19/14					72.0	22.2	
08/20/14					69.0	20.6	
08/21/14					72.0	22.2	
08/22/14					64.6	18.1	
08/23/14					58.9	14.9	
08/24/14					60.4	15.8	
08/25/14					69.4	20.8	
08/26/14					65.2	18.4	
08/27/14					64.6	18.1	
08/28/14					69.4	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50448 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.1	15.6	
08/30/14					61.0	16.1	
08/31/14					62.5	16.9	
09/01/14					67.5	19.7	
09/02/14					71.3	21.8	
09/03/14					72.6	22.6	
09/04/14					67.0	19.4	
09/05/14					64.4	18.0	
09/06/14					63.5	17.5	
09/07/14					59.4	15.2	
09/08/14					62.8	17.1	
09/09/14					67.7	19.8	
09/10/14					66.5	19.2	
09/11/14					65.9	18.8	
09/12/14					60.6	15.9	
09/13/14					57.1	13.9	
09/14/14					59.2	15.1	
09/15/14					60.4	15.8	
09/16/14					67.3	19.6	
09/17/14					65.6	18.7	
09/18/14					69.7	20.9	
09/19/14					60.8	16.0	
09/20/14					61.6	16.4	
09/21/14					63.2	17.3	
09/22/14					63.7	17.6	
09/23/14					63.9	17.7	
09/24/14					70.1	21.2	
09/25/14					68.7	20.4	
09/26/14					60.1	15.6	
09/27/14					60.8	16.0	
09/28/14					59.4	15.2	
09/29/14					64.3	17.9	
09/30/14	868	718	10716	1443	63.8	17.7	
10/01/14					64.5	18.1	
10/02/14					63.8	17.7	
10/03/14					52.6	11.4	
10/04/14					52.9	11.6	
10/05/14					51.6	10.9	
10/06/14					68.6	20.3	
10/07/14					60.9	16.1	
10/08/14					62.1	16.7	
10/09/14					61.4	16.3	
10/10/14					60.6	15.9	
10/11/14					59.1	15.1	
10/12/14					58.0	14.4	
10/13/14					56.3	13.5	
10/14/14					57.0	13.9	
10/15/14					64.1	17.8	
10/16/14					60.8	16.0	
10/17/14	880	565	9452	1257	58.1	14.5	
10/18/14					59.6	15.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50448 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					58.0	14.4	
10/20/14					57.2	14.0	
10/21/14					60.7	15.9	
10/22/14					64.8	18.2	
10/23/14					60.1	15.6	
10/24/14					57.2	14.0	
10/25/14					56.2	13.4	
10/26/14					59.1	15.1	
10/27/14					63.3	17.4	
10/28/14					58.4	14.7	
10/29/14					56.1	13.4	
10/30/14					56.6	13.7	
10/31/14					55.7	13.2	
11/01/14					57.0	13.9	
11/02/14					56.4	13.6	
11/03/14					58.5	14.7	
11/04/14					47.7	8.7	
11/05/14					53.1	11.7	
11/06/14					52.1	11.2	
11/07/14					44.6	7.0	
11/08/14					46.6	8.1	
11/09/14					42.9	6.1	
11/10/14					54.3	12.4	
11/11/14					44.6	7.0	
11/12/14					41.5	5.3	
11/13/14					51.8	11.0	
11/14/14	851	659	9206	1215	53.3	11.8	
11/15/14					54.1	12.3	
11/16/14					52.4	11.3	
11/17/14					44.8	7.1	
11/18/14					50.8	10.4	
11/19/14					54.0	12.2	
11/20/14					55.3	12.9	
11/21/14					51.7	10.9	
11/22/14					51.0	10.6	
11/23/14					53.9	12.2	
11/24/14					52.8	11.6	
11/25/14					51.2	10.7	
11/26/14					51.5	10.8	
11/27/14					51.1	10.6	
11/28/14					53.0	11.7	
11/29/14					52.9	11.6	
11/30/14					54.4	12.4	
12/01/14					55.6	13.1	
12/02/14					54.4	12.4	
12/03/14					55.5	13.1	
12/04/14					54.8	12.7	
12/05/14					54.9	12.7	
12/06/14					54.8	12.7	
12/07/14					54.6	12.6	
12/08/14					55.4	13.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50448 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.2	12.3	
12/10/14					57.0	13.9	
12/11/14					54.3	12.4	
12/12/14	855	628	8323	1105	53.3	11.8	
12/13/14					54.5	12.5	
12/14/14					53.7	12.1	
12/15/14					53.5	11.9	
12/16/14							
12/17/14					53.4	11.9	
12/18/14					53.4	11.9	
12/19/14					50.3	10.2	
12/20/14					48.5	9.2	
12/21/14					51.3	10.7	
12/22/14					55.4	13.0	
12/23/14					52.7	11.5	
12/24/14					47.6	8.7	
12/25/14					51.7	10.9	
12/26/14					52.5	11.4	
12/27/14					45.3	7.4	
12/28/14					44.2	6.8	
12/29/14					44.4	6.9	
12/30/14					47.0	8.3	
12/31/14					44.7	7.1	
01/01/15					46.6	8.1	
01/02/15					43.7	6.5	
01/03/15					45.6	7.6	
01/04/15					45.2	7.3	
01/05/15					51.2	10.7	
01/06/15					53.9	12.2	
01/07/15					54.4	12.4	
01/08/15					51.2	10.7	
01/09/15					52.3	11.3	
01/10/15					51.4	10.8	
01/11/15					51.2	10.7	
01/12/15					55.0	12.8	
01/13/15					51.8	11.0	
01/14/15					52.9	11.6	
01/15/15					52.3	11.3	
01/16/15	760	648	8832	1379	47.5	8.6	
01/17/15					48.8	9.3	
01/18/15					47.4	8.6	
01/19/15					48.4	9.1	
01/20/15					53.3	11.8	
01/21/15					52.7	11.5	
01/22/15					49.0	9.4	
01/23/15					45.2	7.3	
01/24/15					47.0	8.3	
01/25/15					48.3	9.1	
01/26/15					57.8	14.3	
01/27/15					574.9	301.6	
01/28/15					58.6	14.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50448 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.4	12.4	
01/30/15					52.7	11.5	
01/31/15					54.0	12.2	
02/01/15					50.1	10.1	
02/02/15					53.2	11.8	
02/03/15					53.3	11.8	

Maximum	895	732	10716	1443	574.9	301.6	
Minimum	641	474	5956	912	41.5	5.3	

Average	832	618	7877	1136	60.8	16.0	
Std Dev	71	69	1368	155	33.0	18.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50451 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					36.9	2.7	
05/20/14					38.8	3.8	
05/21/14					40.3	4.6	
05/22/14					50.0	10.0	
05/23/14					49.6	9.8	
05/24/14					61.6	16.4	
05/25/14					59.1	15.1	
05/26/14					52.0	11.1	
05/27/14					52.4	11.3	
05/28/14					60.5	15.8	
05/29/14					62.7	17.1	
05/30/14					58.1	14.5	
05/31/14					54.2	12.3	
06/01/14					46.3	7.9	
06/02/14					56.6	13.7	
06/03/14					59.8	15.4	
06/04/14					59.7	15.4	
06/05/14					61.3	16.3	
06/06/14					57.6	14.2	
06/07/14					47.9	8.8	
06/08/14					55.5	13.1	
06/09/14					47.4	8.6	
06/10/14					46.6	8.1	
06/11/14					42.8	6.0	
06/12/14					55.6	13.1	
06/13/14					64.6	18.1	
06/14/14					69.9	21.1	
06/15/14					67.8	19.9	
06/16/14					71.2	21.8	
06/17/14					62.6	17.0	
06/18/14					62.5	16.9	
06/19/14					60.8	16.0	
06/20/14					61.1	16.2	
06/21/14					69.0	20.6	
06/22/14					66.6	19.2	
06/23/14					70.6	21.4	
06/24/14					65.5	18.6	
06/25/14					65.1	18.4	
06/26/14					73.0	22.8	
06/27/14					65.2	18.4	
06/28/14					69.6	20.9	
06/29/14					66.8	19.3	
06/30/14					65.3	18.5	
07/01/14					65.8	18.8	
07/02/14					64.0	17.8	
07/03/14					67.0	19.4	
07/04/14					65.2	18.4	
07/05/14					65.5	18.6	
07/06/14					63.4	17.4	
07/07/14					68.5	20.3	
07/08/14					67.5	19.7	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50451 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					70.1	21.2	
07/10/14					64.2	17.9	
07/11/14					69.7	20.9	
07/12/14					65.7	18.7	
07/13/14					65.4	18.6	
07/14/14					66.9	19.4	
07/15/14					66.1	18.9	
07/16/14					69.0	20.6	
07/17/14	169	132	1314	157	65.0	18.3	
07/18/14	170	103	1404	150	72.2	22.3	
07/19/14	170	72	1071	97	64.5	18.1	
07/20/14	173	125	1423	131	62.7	17.1	
07/21/14	171	159	1368	123	69.6	20.9	
07/22/14	196	159	1644	172	71.0	21.7	
07/23/14	86	111	875	69	70.0	21.1	
07/24/14					69.9	21.1	
07/25/14					69.6	20.9	
07/26/14					65.7	18.7	
07/27/14					66.9	19.4	
07/28/14					71.2	21.8	
07/29/14					70.1	21.2	
07/30/14					63.9	17.7	
07/31/14					64.4	18.0	
08/01/14					64.3	17.9	
08/02/14					63.9	17.7	
08/03/14					61.1	16.2	
08/04/14					69.5	20.8	
08/05/14					62.9	17.2	
08/06/14					67.5	19.7	
08/07/14					67.6	19.8	
08/08/14					63.1	17.3	
08/09/14					62.7	17.1	
08/10/14					64.5	18.1	
08/11/14					66.5	19.2	
08/12/14					71.4	21.9	
08/13/14					67.6	19.8	
08/14/14					64.9	18.3	
08/15/14					63.0	17.2	
08/16/14					62.9	17.2	
08/17/14					63.9	17.7	
08/18/14					70.1	21.2	
08/19/14					72.2	22.3	
08/20/14					68.8	20.4	
08/21/14					72.1	22.3	
08/22/14					64.3	17.9	
08/23/14					57.8	14.3	
08/24/14					59.9	15.5	
08/25/14					69.1	20.6	
08/26/14					65.4	18.6	
08/27/14					64.8	18.2	
08/28/14					69.5	20.8	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50451 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.0	15.6	
08/30/14					60.7	15.9	
08/31/14					62.2	16.8	
09/01/14					67.7	19.8	
09/02/14					71.5	21.9	
09/03/14					72.3	22.4	
09/04/14					66.7	19.3	
09/05/14					63.4	17.4	
09/06/14					63.0	17.2	
09/07/14					58.6	14.8	
09/08/14					62.5	16.9	
09/09/14					67.3	19.6	
09/10/14					66.2	19.0	
09/11/14					66.4	19.1	
09/12/14					60.0	15.6	
09/13/14					56.3	13.5	
09/14/14					58.6	14.8	
09/15/14					59.9	15.5	
09/16/14					67.4	19.7	
09/17/14					65.4	18.6	
09/18/14					69.7	20.9	
09/19/14					60.4	15.8	
09/20/14					61.1	16.2	
09/21/14					62.5	16.9	
09/22/14					63.2	17.3	
09/23/14					63.2	17.3	
09/24/14					69.5	20.8	
09/25/14					68.0	20.0	
09/26/14					59.5	15.3	
09/27/14					60.3	15.7	
09/28/14	117	143	2109	156	58.7	14.8	
09/29/14					63.8	17.7	
09/30/14					63.4	17.4	
10/01/14					64.5	18.1	
10/02/14					63.0	17.2	
10/03/14					51.8	11.0	
10/04/14					51.5	10.8	
10/05/14					51.0	10.6	
10/06/14					67.8	19.9	
10/07/14					60.2	15.7	
10/08/14					61.8	16.6	
10/09/14					61.3	16.3	
10/10/14					60.1	15.6	
10/11/14					58.8	14.9	
10/12/14					57.6	14.2	
10/13/14					56.1	13.4	
10/14/14					57.2	14.0	
10/15/14					64.0	17.8	
10/16/14					61.5	16.4	
10/17/14					57.9	14.4	
10/18/14					59.4	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50451 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.7	14.3	
10/20/14					57.0	13.9	
10/21/14					60.3	15.7	
10/22/14					64.7	18.2	
10/23/14					59.7	15.4	
10/24/14	193	146	2198	158	57.1	13.9	
10/25/14					55.9	13.3	
10/26/14					58.9	14.9	
10/27/14					62.7	17.1	
10/28/14					58.2	14.6	
10/29/14					55.7	13.2	
10/30/14					55.7	13.2	
10/31/14					55.6	13.1	
11/01/14					56.9	13.8	
11/02/14					56.4	13.6	
11/03/14					57.9	14.4	
11/04/14					46.9	8.3	
11/05/14					53.2	11.8	
11/06/14					52.8	11.6	
11/07/14					43.6	6.4	
11/08/14					46.0	7.8	
11/09/14					42.2	5.7	
11/10/14					54.4	12.4	
11/11/14					44.4	6.9	
11/12/14					40.7	4.8	
11/13/14					52.0	11.1	
11/14/14	205	207	2406	227	53.9	12.2	
11/15/14					55.1	12.8	
11/16/14					53.5	11.9	
11/17/14					42.8	6.0	
11/18/14					50.6	10.3	
11/19/14					54.2	12.3	
11/20/14					56.2	13.4	
11/21/14					51.9	11.1	
11/22/14					51.8	11.0	
11/23/14					54.2	12.3	
11/24/14					52.5	11.4	
11/25/14					50.7	10.4	
11/26/14					52.2	11.2	
11/27/14					51.6	10.9	
11/28/14					52.8	11.6	
11/29/14					53.3	11.8	
11/30/14					54.8	12.7	
12/01/14					56.0	13.3	
12/02/14					54.6	12.6	
12/03/14					56.0	13.3	
12/04/14					55.1	12.8	
12/05/14					54.3	12.4	
12/06/14					55.2	12.9	
12/07/14					54.6	12.6	
12/08/14					55.3	12.9	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50451 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					54.0	12.2	
12/10/14					57.4	14.1	
12/11/14					53.9	12.2	
12/12/14	145	151	2113	252	54.1	12.3	
12/13/14					55.0	12.8	
12/14/14					54.2	12.3	
12/15/14					54.3	12.4	
12/16/14							
12/17/14					53.7	12.1	
12/18/14					54.0	12.2	
12/19/14					51.3	10.7	
12/20/14					48.9	9.4	
12/21/14					51.7	10.9	
12/22/14					56.2	13.4	
12/23/14					52.8	11.6	
12/24/14					45.6	7.6	
12/25/14					51.5	10.8	
12/26/14					52.5	11.4	
12/27/14					45.3	7.4	
12/28/14					43.1	6.2	
12/29/14					45.1	7.3	
12/30/14					48.4	9.1	
12/31/14					45.2	7.3	
01/01/15					47.0	8.3	
01/02/15					44.2	6.8	
01/03/15					45.5	7.5	
01/04/15					45.4	7.4	
01/05/15					51.5	10.8	
01/06/15					55.1	12.8	
01/07/15					55.1	12.8	
01/08/15					51.2	10.7	
01/09/15					52.7	11.5	
01/10/15					51.4	10.8	
01/11/15					51.3	10.7	
01/12/15					54.7	12.6	
01/13/15					52.0	11.1	
01/14/15					53.0	11.7	
01/15/15					53.1	11.7	
01/16/15	148	152	2211	179	47.9	8.8	
01/17/15					49.5	9.7	
01/18/15					48.6	9.2	
01/19/15					48.4	9.1	
01/20/15					53.6	12.0	
01/21/15					53.4	11.9	
01/22/15					49.6	9.8	
01/23/15					45.8	7.7	
01/24/15					47.2	8.4	
01/25/15					49.0	9.4	
01/26/15					58.2	14.6	
01/27/15					55.6	13.1	
01/28/15					59.4	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50451 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					54.7	12.6	
01/30/15					53.8	12.1	
01/31/15					51.0	10.6	
02/01/15					50.2	10.1	
02/02/15					53.5	11.9	
02/03/15					54.1	12.3	

Maximum	205	207	2406	252	73.0	22.8	
Minimum	86	72	875	69	36.9	2.7	

Average	162	138	1678	156	58.5	14.7	
Std Dev	32	32	487	48	7.8	4.3	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50529 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
05/19/14					38.0	3.3	
05/20/14					39.4	4.1	
05/21/14					40.1	4.5	
05/22/14					49.6	9.8	
05/23/14					53.4	11.9	
05/24/14					64.1	17.8	
05/25/14					59.6	15.3	
05/26/14					53.3	11.8	
05/27/14					52.5	11.4	
05/28/14					61.1	16.2	
05/29/14					62.2	16.8	
05/30/14					58.5	14.7	
05/31/14					53.8	12.1	
06/01/14					45.6	7.6	
06/02/14					57.0	13.9	
06/03/14					59.4	15.2	
06/04/14					59.7	15.4	
06/05/14					58.4	14.7	
06/06/14					56.0	13.3	
06/07/14					48.2	9.0	
06/08/14					54.1	12.3	
06/09/14					47.1	8.4	
06/10/14					46.3	7.9	
06/11/14					48.5	9.2	
06/12/14					56.4	13.6	
06/13/14					64.3	17.9	
06/14/14					69.2	20.7	
06/15/14					67.5	19.7	
06/16/14					71.2	21.8	
06/17/14					62.5	16.9	
06/18/14					62.6	17.0	
06/19/14					60.6	15.9	
06/20/14					61.3	16.3	
06/21/14					68.7	20.4	
06/22/14					66.4	19.1	
06/23/14					69.2	20.7	
06/24/14					65.2	18.4	
06/25/14					65.0	18.3	
06/26/14					71.5	21.9	
06/27/14					65.1	18.4	
06/28/14					69.4	20.8	
06/29/14					66.1	18.9	
06/30/14					65.2	18.4	
07/01/14					65.5	18.6	
07/02/14					64.1	17.8	
07/03/14					66.6	19.2	
07/04/14					65.9	18.8	
07/05/14					65.7	18.7	
07/06/14					63.7	17.6	
07/07/14					68.3	20.2	
07/08/14					66.9	19.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50529 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
07/09/14					69.5	20.8	
07/10/14					63.6	17.6	
07/11/14					69.2	20.7	
07/12/14					65.6	18.7	
07/13/14					65.1	18.4	
07/14/14					66.5	19.2	
07/15/14					65.4	18.6	
07/16/14					68.6	20.3	
07/17/14	21	0	1301	119	64.9	18.3	
07/18/14	174	272	2741	381	71.2	21.8	
07/19/14	18	87	1098	119	64.7	18.2	
07/20/14	192	294	2971	357	62.5	16.9	
07/21/14	63	145	2289	282	69.5	20.8	
07/22/14	167	263	2611	316	70.2	21.2	
07/23/14	42	73	1693	155	69.8	21.0	
07/24/14					69.4	20.8	
07/25/14					68.6	20.3	
07/26/14					65.5	18.6	
07/27/14					66.9	19.4	
07/28/14					70.7	21.5	
07/29/14					69.1	20.6	
07/30/14					63.6	17.6	
07/31/14					64.1	17.8	
08/01/14					64.2	17.9	
08/02/14					63.5	17.5	
08/03/14					62.0	16.7	
08/04/14					69.1	20.6	
08/05/14					63.2	17.3	
08/06/14					67.0	19.4	
08/07/14					66.2	19.0	
08/08/14					63.6	17.6	
08/09/14					63.0	17.2	
08/10/14					64.1	17.8	
08/11/14					66.2	19.0	
08/12/14					71.3	21.8	
08/13/14					67.9	19.9	
08/14/14					64.8	18.2	
08/15/14					63.2	17.3	
08/16/14					62.9	17.2	
08/17/14					63.9	17.7	
08/18/14					69.4	20.8	
08/19/14					71.1	21.7	
08/20/14					68.7	20.4	
08/21/14					71.3	21.8	
08/22/14					63.8	17.7	
08/23/14					58.2	14.6	
08/24/14					60.2	15.7	
08/25/14					68.2	20.1	
08/26/14					65.1	18.4	
08/27/14					64.3	17.9	
08/28/14					68.7	20.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50529 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
08/29/14					60.3	15.7	
08/30/14					60.8	16.0	
08/31/14					62.3	16.8	
09/01/14					67.3	19.6	
09/02/14					70.6	21.4	
09/03/14					72.1	22.3	
09/04/14					66.3	19.1	
09/05/14					64.0	17.8	
09/06/14					62.8	17.1	
09/07/14					59.7	15.4	
09/08/14					62.5	16.9	
09/09/14					66.6	19.2	
09/10/14					66.1	18.9	
09/11/14					65.9	18.8	
09/12/14					60.6	15.9	
09/13/14					57.0	13.9	
09/14/14					59.2	15.1	
09/15/14					60.7	15.9	
09/16/14					67.1	19.5	
09/17/14					65.1	18.4	
09/18/14					68.9	20.5	
09/19/14					60.8	16.0	
09/20/14					61.4	16.3	
09/21/14					63.0	17.2	
09/22/14					63.2	17.3	
09/23/14					63.5	17.5	
09/24/14					70.1	21.2	
09/25/14					68.5	20.3	
09/26/14					60.1	15.6	
09/27/14					61.4	16.3	
09/28/14					59.2	15.1	
09/29/14					63.7	17.6	
09/30/14	199	341	3356	498	63.9	17.7	
10/01/14					63.8	17.7	
10/02/14					63.2	17.3	
10/03/14					52.6	11.4	
10/04/14					52.7	11.5	
10/05/14					51.6	10.9	
10/06/14					67.3	19.6	
10/07/14					60.2	15.7	
10/08/14					61.7	16.5	
10/09/14					61.3	16.3	
10/10/14					59.6	15.3	
10/11/14					59.3	15.2	
10/12/14					57.5	14.2	
10/13/14					56.6	13.7	
10/14/14					57.6	14.2	
10/15/14					64.0	17.8	
10/16/14					60.7	15.9	
10/17/14					58.5	14.7	
10/18/14					59.3	15.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50529 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
10/19/14					57.9	14.4	
10/20/14					56.9	13.8	
10/21/14	156	289	2707	446	60.6	15.9	
10/22/14					64.4	18.0	
10/23/14					60.2	15.7	
10/24/14					57.1	13.9	
10/25/14					56.1	13.4	
10/26/14					58.8	14.9	
10/27/14					63.3	17.4	
10/28/14					58.5	14.7	
10/29/14					56.4	13.6	
10/30/14					57.2	14.0	
10/31/14					55.7	13.2	
11/01/14					56.6	13.7	
11/02/14					56.9	13.8	
11/03/14					57.9	14.4	
11/04/14					47.6	8.7	
11/05/14					53.5	11.9	
11/06/14					51.4	10.8	
11/07/14					43.4	6.3	
11/08/14					46.4	8.0	
11/09/14					42.9	6.1	
11/10/14					54.3	12.4	
11/11/14					45.2	7.3	
11/12/14					41.3	5.2	
11/13/14					52.5	11.4	
11/14/14	203	290	2478	411	54.8	12.7	
11/15/14					55.3	12.9	
11/16/14					54.3	12.4	
11/17/14					44.7	7.1	
11/18/14					51.7	10.9	
11/19/14					55.5	13.1	
11/20/14					56.7	13.7	
11/21/14					53.5	11.9	
11/22/14					52.9	11.6	
11/23/14					55.1	12.8	
11/24/14					54.1	12.3	
11/25/14					53.2	11.8	
11/26/14					53.6	12.0	
11/27/14					53.2	11.8	
11/28/14					53.8	12.1	
11/29/14					54.1	12.3	
11/30/14					55.3	12.9	
12/01/14					56.1	13.4	
12/02/14					55.9	13.3	
12/03/14					56.5	13.6	
12/04/14					56.2	13.4	
12/05/14					55.3	12.9	
12/06/14					55.7	13.2	
12/07/14					55.3	12.9	
12/08/14					55.7	13.2	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50529 (Cell 3)							
Date	H₂ ppm	CO ppm	CO₂ ppm	N₂O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
12/09/14					56.1	13.4	
12/10/14					58.4	14.7	
12/11/14					55.5	13.1	
12/12/14	215	333	2792	426	54.8	12.7	
12/13/14					54.8	12.7	
12/14/14					54.9	12.7	
12/15/14					54.2	12.3	
12/16/14							
12/17/14					54.7	12.6	
12/18/14					55.3	12.9	
12/19/14					51.7	10.9	
12/20/14					49.4	9.7	
12/21/14					52.9	11.6	
12/22/14					57.0	13.9	
12/23/14					54.3	12.4	
12/24/14					50.3	10.2	
12/25/14					52.7	11.5	
12/26/14					53.3	11.8	
12/27/14					46.7	8.2	
12/28/14					45.9	7.7	
12/29/14					46.8	8.2	
12/30/14					48.6	9.2	
12/31/14					45.8	7.7	
01/01/15					47.5	8.6	
01/02/15					45.2	7.3	
01/03/15					46.4	8.0	
01/04/15					46.7	8.2	
01/05/15					53.0	11.7	
01/06/15					55.5	13.1	
01/07/15					55.6	13.1	
01/08/15					53.2	11.8	
01/09/15					54.4	12.4	
01/10/15					52.3	11.3	
01/11/15					52.8	11.6	
01/12/15					54.5	12.5	
01/13/15					53.5	11.9	
01/14/15					54.9	12.7	
01/15/15					53.9	12.2	
01/16/15	214	321	2893	509	49.5	9.7	
01/17/15					50.6	10.3	
01/18/15					49.0	9.4	
01/19/15					50.5	10.3	
01/20/15					55.1	12.8	
01/21/15					55.7	13.2	
01/22/15					50.4	10.2	
01/23/15					47.1	8.4	
01/24/15					48.4	9.1	
01/25/15					49.7	9.8	
01/26/15					58.7	14.8	
01/27/15					55.4	13.0	
01/28/15					59.7	15.4	

Remediated Nitrate Salt Container Headspace Gas Analysis

SB50529 (Cell 3)							
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change
01/29/15					55.9	13.3	
01/30/15					54.0	12.2	
01/31/15					55.0	12.8	
02/01/15					51.5	10.8	
02/02/15					55.1	12.8	
02/03/15					54.2	12.3	

Maximum	215	341	3356	509	72.1	22.3	
Minimum	18	0	1098	119	38.0	3.3	

Average	139	226	2411	335	58.9	14.9	
Std Dev	75	112	665	134	7.3	4.0	

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50559 (Cell 2)							Cell 1		Cell 2		Ce
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)
05/19/14					37.6	3.1						
05/20/14					38.5	3.6						
05/21/14					38.8	3.8						
05/22/14					49.8	9.9						
05/23/14					53.1	11.7		32.9	0.5			
05/24/14					64.5	18.1		45.5	7.5	45.5	7.5	45.5
05/25/14					66.5	19.2		51.1	10.6	51.1	10.6	51.1
05/26/14					66.9	19.4		47.3	8.5	65.8	18.8	52.5
05/27/14					67.4	19.7		57.7	14.3	69.8	21.0	67.3
05/28/14					67.8	19.9		60.4	15.8	66.4	19.1	63.7
05/29/14					65.6	18.7		65.5	18.6	66.6	19.2	63.2
05/30/14					69.5	20.8		60.4	15.8	64.4	18.0	58.7
05/31/14					67.5	19.7		63.9	17.7	69.5	20.8	56.3
06/01/14					66.1	18.9		49.5	9.7	65.5	18.6	47.1
06/02/14					70.4	21.3		61.2	16.2	69.5	20.8	57.4
06/03/14					71.9	22.2		67.3	19.6	72.9	22.7	60.7
06/04/14					65.2	18.4		66.6	19.2	66.1	18.9	61.5
06/05/14					64.2	17.9		59.9	15.5	65.0	18.3	63.2
06/06/14					63.8	17.7		68.8	20.4	64.1	17.8	60.2
06/07/14					65.0	18.3		52.7	11.5	66.9	19.4	49.2
06/08/14					62.9	17.2		58.3	14.6	69.9	21.1	57.4
06/09/14					68.5	20.3		57.6	14.2	75.0	23.9	50.5
06/10/14					63.1	17.3		50.5	10.3	63.7	17.6	48.7
06/11/14					64.0	17.8		60.2	15.7	65.7	18.7	55.2
06/12/14					53.8	12.1		74.1	23.4	56.0	13.3	60.4
06/13/14					65.1	18.4		58.5	14.7	65.0	18.3	65.1
06/14/14					69.9	21.1		70.5	21.4	64.6	18.1	70.9
06/15/14					63.5	17.5		63.4	17.4	59.6	15.3	69.2
06/16/14					63.5	17.5		70.8	21.6	64.8	18.2	72.4
06/17/14					66.5	19.2		54.7	12.6	67.0	19.4	61.7
06/18/14					69.2	20.7		57.3	14.1	69.6	20.9	62.6
06/19/14					65.2	18.4		52.8	11.6	65.4	18.6	59.3
06/20/14					67.8	19.9		54.6	12.6	67.9	19.9	61.3
06/21/14					61.9	16.6		63.0	17.2	62.2	16.8	69.8
06/22/14					61.4	16.3		65.0	18.3	63.1	17.3	67.0
06/23/14					69.0	20.6		68.2	20.1	69.5	20.8	70.5
06/24/14					67.4	19.7		62.8	17.1	67.5	19.7	66.3
06/25/14					65.9	18.8		60.9	16.1	66.5	19.2	65.6
06/26/14					69.7	20.9		70.9	21.6	68.5	20.3	71.9
06/27/14					63.9	17.7		62.1	16.7	64.0	17.8	65.9
06/28/14					61.7	16.5		66.8	19.3	62.0	16.7	70.0
06/29/14					61.2	16.2		65.7	18.7	62.0	16.7	66.9
06/30/14					65.2	18.4		62.1	16.7	62.8	17.1	66.5
07/01/14					69.3	20.7		59.1	15.1	68.8	20.4	66.3
07/02/14					63.4	17.4		57.7	14.3	64.2	17.9	64.7
07/03/14					70.1	21.2		62.2	16.8	69.0	20.6	67.4
07/04/14					62.2	16.8		63.1	17.3	71.0	21.7	65.9
07/05/14					62.3	16.8		64.0	17.8	62.8	17.1	65.5
07/06/14					61.7	16.5		63.3	17.4	62.8	17.1	63.7
07/07/14					70.5	21.4		63.0	17.2	70.5	21.4	68.9
07/08/14					65.7	18.7		64.7	18.2	66.1	18.9	68.1

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB50559 (Cell 2)							Cell 1		Cell 2		Ce
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)
07/09/14					65.1	18.4		66.0	18.9	67.0	19.4	70.1
07/10/14					66.9	19.4		58.3	14.6	70.5	21.4	64.6
07/11/14					67.2	19.6		68.1	20.1	67.5	19.7	70.0
07/12/14					64.6	18.1		65.9	18.8	61.2	16.2	66.5
07/13/14					62.1	16.7		62.2	16.8	67.2	19.6	65.7
07/14/14					64.9	18.3		68.2	20.1	65.6	18.7	66.3
07/15/14					63.7	17.6		62.7	17.1			
07/16/14					67.2	19.6						
07/17/14					63.5	17.5		60.2	15.7	65.2	18.4	65.6
07/18/14					70.0	21.1						71.1
07/19/14					63.8	17.7		59.3	15.2	64.5	18.1	64.9
07/20/14					62.6	17.0						
07/21/14					66.8	19.3				66.5	19.2	
07/22/14					68.0	20.0		68.0	20.0	68.6	20.3	
07/23/14					67.2	19.6		68.0	20.0	66.0	18.9	70.4
07/24/14					66.8	19.3		69.3	20.7			71.2
07/25/14					63.5	17.5		66.1	18.9	64.2	17.9	70.3
07/26/14					66.4	19.1		60.4	15.8	67.0	19.4	66.2
07/27/14					64.2	17.9		63.7	17.6	64.1	17.8	67.8
07/28/14					68.1	20.1				68.1	20.1	
07/29/14					65.5	18.6						
07/30/14					62.3	16.8				62.8	17.1	
07/31/14	1163	200	3511	208	62.9	17.2				65.8	18.8	65.7
08/01/14	1112	215	3425	245	61.8	16.6		64.8	18.2	61.5	16.4	64.9
08/02/14	1113	156	3342	209	61.9	16.6		63.5	17.5	62.4	16.9	64.2
08/03/14	1130	256	3483	233	61.8	16.6		60.5	15.8	63.1	17.3	60.3
08/04/14	1059	249	3259	176	66.9	19.4		71.8	22.1	67.3	19.6	69.2
08/05/14	1125	233	3488	235	66.5	19.2		61.9	16.6	65.9	18.8	62.2
08/06/14	970	174	3359	208	65.6	18.7		69.6	20.9	65.3	18.5	67.8
08/07/14					66.9	19.4		68.5	20.3	66.0	18.9	67.6
08/08/14					59.7	15.4		65.0	18.3	60.3	15.7	63.8
08/09/14					62.3	16.8		62.2	16.8	63.5	17.5	62.8
08/10/14					62.6	17.0		66.9	19.4	63.5	17.5	64.6
08/11/14					65.4	18.6		69.4	20.8	66.5	19.2	67.0
08/12/14					70.9	21.6		74.2	23.4	70.6	21.4	71.7
08/13/14					66.4	19.1		69.9	21.1	67.9	19.9	68.6
08/14/14					64.9	18.3		67.3	19.6	69.6	20.9	66.1
08/15/14					62.1	16.7		62.5	16.9	61.4	16.3	62.8
08/16/14					62.9	17.2		62.2	16.8	62.8	17.1	62.8
08/17/14					62.3	16.8		65.4	18.6	62.3	16.8	64.7
08/18/14					68.4	20.2		71.2	21.8	68.8	20.4	70.1
08/19/14					69.3	20.7		74.4	23.6	68.7	20.4	71.8
08/20/14					66.4	19.1		70.8	21.6	66.8	19.3	69.1
08/21/14					70.1	21.2		73.2	22.9	69.2	20.7	72.5
08/22/14					61.2	16.2		63.7	17.6	62.0	16.7	64.1
08/23/14					59.0	15.0		57.2	14.0	59.1	15.1	57.3
08/24/14					62.2	16.8		62.4	16.9	63.7	17.6	59.7
08/25/14					67.4	19.7		70.4	21.3	68.4	20.2	69.8
08/26/14					64.1	17.8		67.5	19.7	64.5	18.1	65.6
08/27/14					63.0	17.2		64.4	18.0	62.7	17.1	65.7
08/28/14					68.2	20.1		70.1	21.2	68.6	20.3	69.2

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50559 (Cell 2)							Cell 1		Cell 2		Ce
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)
08/29/14					61.3	16.3		59.5	15.3	61.6	16.4	58.9
08/30/14					61.2	16.2		59.8	15.4	62.5	16.9	59.6
08/31/14					62.2	16.8		64.4	18.0	62.1	16.7	61.3
09/01/14					61.5	16.4		69.8	21.0	62.1	16.7	67.9
09/02/14					71.7	22.1		73.5	23.1	69.2	20.7	71.7
09/03/14					69.2	20.7		74.2	23.4	68.5	20.3	71.4
09/04/14					65.8	18.8		69.0	20.6	66.3	19.1	66.8
09/05/14					62.8	17.1		63.0	17.2	61.7	16.5	63.2
09/06/14					66.4	19.1		61.8	16.6	65.7	18.7	62.8
09/07/14					59.1	15.1		58.0	14.4	59.5	15.3	58.0
09/08/14					62.3	16.8		62.2	16.8	61.9	16.6	61.9
09/09/14					65.6	18.7		68.4	20.2	65.6	18.7	67.3
09/10/14					65.3	18.5		68.5	20.3	65.9	18.8	67.3
09/11/14					66.0	18.9		68.7	20.4	66.6	19.2	66.8
09/12/14					61.7	16.5		60.2	15.7	61.8	16.6	59.6
09/13/14					57.1	13.9		54.9	12.7	56.2	13.4	55.8
09/14/14					58.7	14.8		57.9	14.4	58.7	14.8	57.9
09/15/14					60.5	15.8		59.6	15.3	60.4	15.8	59.1
09/16/14					65.4	18.6		68.4	20.2	65.6	18.7	67.6
09/17/14					63.2	17.3		64.9	18.3	63.6	17.6	65.7
09/18/14					68.7	20.4		72.2	22.3	68.1	20.1	69.6
09/19/14					60.4	15.8		59.9	15.5	60.4	15.8	59.5
09/20/14					61.7	16.5		60.4	15.8	61.7	16.5	60.2
09/21/14					61.9	16.6		62.1	16.7	61.6	16.4	63.3
09/22/14					61.9	16.6		62.6	17.0	61.8	16.6	63.1
09/23/14					62.4	16.9		63.5	17.5	62.5	16.9	63.9
09/24/14					67.3	19.6		70.8	21.6	67.6	19.8	69.2
09/25/14					65.7	18.7		69.6	20.9	65.8	18.8	68.4
09/26/14	1081	241	3738	268	59.3	15.2		58.9	14.9	59.3	15.2	58.8
09/27/14					61.2	16.2		59.8	15.4	61.4	16.3	59.2
09/28/14					59.7	15.4		58.3	14.6	60.5	15.8	59.2
09/29/14					62.5	16.9		64.7	18.2	62.5	16.9	63.9
09/30/14					62.1	16.7		65.3	18.5	61.9	16.6	63.6
10/01/14					62.7	17.1		66.0	18.9	63.1	17.3	64.8
10/02/14					61.4	16.3		61.6	16.4	61.2	16.2	62.5
10/03/14					52.4	11.3		53.4	11.9	52.9	11.6	51.8
10/04/14					53.0	11.7		51.6	10.9	53.4	11.9	51.5
10/05/14					50.5	10.3		50.4	10.2	51.3	10.7	50.0
10/06/14					66.3	19.1		69.2	20.7	66.7	19.3	67.5
10/07/14	1003	265	3563	246	59.8	15.4		60.7	15.9	60.0	15.6	60.2
10/08/14					62.0	16.7		62.8	17.1	61.8	16.6	61.7
10/09/14					60.5	15.8		59.7	15.4	60.8	16.0	61.0
10/10/14					59.1	15.1		56.3	13.5	58.9	14.9	59.0
10/11/14					58.0	14.4		54.8	12.7	57.4	14.1	58.2
10/12/14					57.4	14.1		54.1	12.3	56.4	13.6	57.6
10/13/14					56.4	13.6		54.3	12.4	56.3	13.5	56.0
10/14/14					57.2	14.0		56.5	13.6	51.3	10.7	57.2
10/15/14					63.4	17.4		66.0	18.9	62.9	17.2	64.0
10/16/14					61.0	16.1		61.3	16.3	61.1	16.2	60.4
10/17/14					57.2	14.0		56.6	13.7	57.2	14.0	57.6
10/18/14					58.6	14.8		56.1	13.4	58.2	14.6	58.3

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50559 (Cell 2)							Cell 1		Cell 2		Ce
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)
10/19/14					57.5	14.2		54.1	12.3	56.5	13.6	57.1
10/20/14					56.2	13.4		54.5	12.5	56.2	13.4	56.4
10/21/14					59.9	15.5		58.4	14.7	60.1	15.6	60.2
10/22/14					63.2	17.3		65.0	18.3	62.4	16.9	64.0
10/23/14					59.0	15.0		58.5	14.7	58.3	14.6	59.5
10/24/14					56.6	13.7		54.0	12.2	56.2	13.4	56.0
10/25/14					56.6	13.7		52.2	11.2	55.0	12.8	54.4
10/26/14					58.3	14.6		55.7	13.2	56.9	13.8	57.7
10/27/14					61.6	16.4		63.4	17.4	62.7	17.1	63.0
10/28/14					56.6	13.7		55.7	13.2	57.3	14.1	57.8
10/29/14					56.8	13.8		53.3	11.8	56.1	13.4	55.1
10/30/14					57.1	13.9		54.2	12.3	56.3	13.5	55.7
10/31/14					56.3	13.5		52.9	11.6	55.7	13.2	55.0
11/01/14					56.2	13.4		52.8	11.6	54.6	12.6	55.3
11/02/14					56.0	13.3		53.3	11.8	56.0	13.3	55.6
11/03/14					58.7	14.8		58.8	14.9	59.2	15.1	57.5
11/04/14					52.7	11.5		55.6	13.1	55.0	12.8	48.1
11/05/14					55.7	13.2		57.4	14.1	57.3	14.1	53.7
11/06/14					55.7	13.2		61.5	16.4	57.2	14.0	52.6
11/07/14					49.6	9.8		53.4	11.9	51.4	10.8	43.5
11/08/14					52.9	11.6		52.4	11.3	54.0	12.2	44.8
11/09/14					48.1	8.9		51.1	10.6	49.8	9.9	41.5
11/10/14					56.3	13.5		64.0	17.8	57.5	14.2	54.5
11/11/14	883	244	3423	242	51.5	10.8		53.1	11.7	53.4	11.9	43.9
11/12/14					46.4	8.0		51.4	10.8	50.4	10.2	40.6
11/13/14					51.8	11.0		51.1	10.6	52.7	11.5	52.3
11/14/14					55.0	12.8		50.9	10.5	53.6	12.0	53.2
11/15/14					58.3	14.6		50.4	10.2	57.7	14.3	54.8
11/16/14					55.2	12.9		49.5	9.7	53.7	12.1	52.9
11/17/14					48.8	9.3		52.3	11.3	51.7	10.9	42.6
11/18/14					52.7	11.5		50.9	10.5	54.6	12.6	50.9
11/19/14					55.7	13.2		50.4	10.2	55.1	12.8	53.8
11/20/14					58.9	14.9		52.9	11.6	57.7	14.3	55.7
11/21/14					52.5	11.4		49.0	9.4	50.9	10.5	51.4
11/22/14					52.5	11.4		48.1	8.9	57.3	14.1	50.7
11/23/14					57.3	14.1		51.4	10.8	55.8	13.2	53.2
11/24/14					53.4	11.9		51.6	10.9	54.6	12.6	52.7
11/25/14					51.9	11.1		48.8	9.3	52.7	11.5	51.7
11/26/14					51.6	10.9		50.4	10.2	52.1	11.2	52.4
11/27/14					51.5	10.8		48.4	9.1	51.4	10.8	50.7
11/28/14					53.6	12.0		49.7	9.8	52.8	11.6	51.9
11/29/14					54.5	12.5		50.2	10.1	53.0	11.7	52.8
11/30/14					58.0	14.4		51.9	11.1	56.3	13.5	53.4
12/01/14					58.3	14.6		52.4	11.3	55.9	13.3	54.7
12/02/14					57.4	14.1		51.5	10.8	55.6	13.1	53.7
12/03/14					58.1	14.5		53.3	11.8	56.3	13.5	55.0
12/04/14					56.3	13.5		51.5	10.8	54.1	12.3	54.4
12/05/14					55.4	13.0		50.3	10.2	53.9	12.2	53.6
12/06/14					57.3	14.1		50.2	10.1	56.6	13.7	53.9
12/07/14					57.4	14.1		50.7	10.4	56.4	13.6	53.9
12/08/14					56.5	13.6		52.0	11.1	56.0	13.3	53.2

Remediated Nitrate Salt Container Headspace Gas Analysis

	SB50559 (Cell 2)							Cell 1		Cell 2		Ce
Date	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)
12/09/14	803	204	3451	222	56.8	13.8		52.2	11.2	55.3	12.9	54.0
12/10/14					56.0	13.3		55.3	12.9	55.5	13.1	57.2
12/11/14					57.2	14.0		53.2	11.8	55.1	12.8	52.7
12/12/14					55.8	13.2		49.9	9.9	55.0	12.8	53.4
12/13/14					55.6	13.1		49.1	9.5	54.0	12.2	54.3
12/14/14					56.3	13.5		51.0	10.6	55.8	13.2	53.3
12/15/14												53.0
12/16/14												
12/17/14					52.5	11.4		47.4	8.6	54.2	12.3	52.4
12/18/14					54.7	12.6		52.0	11.1	54.2	12.3	52.0
12/19/14					51.9	11.1		47.8	8.8	50.2	10.1	50.4
12/20/14					50.0	10.0		43.8	6.6	48.5	9.2	48.0
12/21/14					51.6	10.9		46.7	8.2	49.3	9.6	50.7
12/22/14					56.9	13.8		53.9	12.2	57.4	14.1	56.2
12/23/14					52.3	11.3		49.9	9.9	52.6	11.4	52.6
12/24/14					48.4	9.1		43.9	6.6	47.3	8.5	41.1
12/25/14					54.0	12.2		48.9	9.4	53.1	11.7	51.6
12/26/14					53.1	11.7		48.1	8.9	51.6	10.9	51.3
12/27/14					44.9	7.2		39.0	3.9	43.6	6.4	43.8
12/28/14					44.4	6.9		37.3	2.9	41.8	5.4	43.2
12/29/14					45.0	7.2		38.5	3.6	42.0	5.6	43.7
12/30/14					48.9	9.4		42.6	5.9	46.8	8.2	46.6
12/31/14					45.9	7.7		38.9	3.8	44.6	7.0	44.0
01/01/15					46.1	7.8		39.1	3.9	44.3	6.8	45.1
01/02/15					44.4	6.9		37.7	3.2	42.8	6.0	42.9
01/03/15					45.2	7.3		39.1	3.9	43.1	6.2	44.0
01/04/15					45.5	7.5		40.7	4.8	44.7	7.1	45.0
01/05/15					50.5	10.3		50.8	10.4	52.3	11.3	50.2
01/06/15					57.5	14.2		54.5	12.5	56.1	13.4	52.5
01/07/15					56.5	13.6		53.2	11.8	56.3	13.5	54.8
01/08/15					51.1	10.6		48.3	9.1	52.4	11.3	51.0
01/09/15					53.6	12.0		49.2	9.6	53.7	12.1	51.5
01/10/15					51.9	11.1		47.1	8.4	57.2	14.0	51.0
01/11/15					53.4	11.9		46.8	8.2	50.0	10.0	50.9
01/12/15					52.8	11.6		50.2	10.1	54.2	12.3	53.1
01/13/15	709	193	3176	222	51.8	11.0		50.1	10.1	51.2	10.7	50.7
01/14/15					51.6	10.9		49.3	9.6	52.6	11.4	52.3
01/15/15					53.3	11.8		51.6	10.9	54.0	12.2	51.9
01/16/15					49.3	9.6		44.0	6.7	48.0	8.9	46.8
01/17/15					50.4	10.2		44.4	6.9	48.3	9.1	48.3
01/18/15					48.0	8.9		43.7	6.5	46.9	8.3	47.8
01/19/15					49.8	9.9		45.9	7.7	51.0	10.6	46.6
01/20/15					54.2	12.3		50.5	10.3	55.4	13.0	53.1
01/21/15					52.2	11.2		48.4	9.1	52.4	11.3	51.7
01/22/15					51.8	11.0		52.2	11.2	53.4	11.9	48.2
01/23/15					46.6	8.1		40.7	4.8	45.3	7.4	44.7
01/24/15					48.5	9.2		42.3	5.7	47.7	8.7	45.2
01/25/15					50.6	10.3		45.0	7.2	49.7	9.8	47.3
01/26/15					57.8	14.3		55.9	13.3	57.5	14.2	58.0
01/27/15					56.1	13.4		53.9	12.2	55.2	12.9	55.4
01/28/15					57.5	14.2		57.0	13.9	59.0	15.0	59.6

Remediated Nitrate Salt Container Headspace Gas Analysis

Date	SB50559 (Cell 2)							Cell 1		Cell 2		Ce
	H ₂ ppm	CO ppm	CO ₂ ppm	N ₂ O ppm	Daily Temp (F)	Daily Temp (C)	Filter Change	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)	Start Ambient Temp (C)	Start Ambient Temp (F)
01/29/15					56.4	13.6		51.2	10.7	55.4	13.0	54.0
01/30/15					55.1	12.8		57.0	13.9	53.8	12.1	52.6
01/31/15					54.4	12.4		49.2	9.6	53.0	11.7	54.4
02/01/15					50.0	10.0		45.6	7.6	48.6	9.2	49.5
02/02/15					54.4	12.4		50.0	10.0	55.4	13.0	53.3
02/03/15					55.7	13.2		51.5	10.8	55.5	13.1	54.0

Maximum	1163	265	3738	268	71.9	22.2		74.4	23.6	75.0	23.9	72.5
Minimum	709	156	3176	176	37.6	3.1		32.9	0.5	41.8	5.4	40.6

Average	1013	219	3435	226	59.3	15.2		57.4	14.1	59.4	15.2	58.4
Std Dev	139	33	139	23	6.8	3.8		8.5	4.7	6.9	3.8	7.8

Remediated Nitrate Salt Container Headspace Gas Analysis

	II 3
Date	Start Ambient Temp (C)
05/19/14	
05/20/14	
05/21/14	
05/22/14	
05/23/14	
05/24/14	7.5
05/25/14	10.6
05/26/14	11.4
05/27/14	19.6
05/28/14	17.6
05/29/14	17.3
05/30/14	14.8
05/31/14	13.5
06/01/14	8.4
06/02/14	14.1
06/03/14	15.9
06/04/14	16.4
06/05/14	17.3
06/06/14	15.7
06/07/14	9.6
06/08/14	14.1
06/09/14	10.3
06/10/14	9.3
06/11/14	12.9
06/12/14	15.8
06/13/14	18.4
06/14/14	21.6
06/15/14	20.7
06/16/14	22.4
06/17/14	16.5
06/18/14	17.0
06/19/14	15.2
06/20/14	16.3
06/21/14	21.0
06/22/14	19.4
06/23/14	21.4
06/24/14	19.1
06/25/14	18.7
06/26/14	22.2
06/27/14	18.8
06/28/14	21.1
06/29/14	19.4
06/30/14	19.2
07/01/14	19.1
07/02/14	18.2
07/03/14	19.7
07/04/14	18.8
07/05/14	18.6
07/06/14	17.6
07/07/14	20.5
07/08/14	20.1

Remediated Nitrate Salt Container Headspace Gas Analysis

II 3	
Date	Start Ambient Temp (C)
07/09/14	21.2
07/10/14	18.1
07/11/14	21.1
07/12/14	19.2
07/13/14	18.7
07/14/14	19.1
07/15/14	
07/16/14	
07/17/14	18.7
07/18/14	21.7
07/19/14	18.3
07/20/14	
07/21/14	
07/22/14	
07/23/14	21.3
07/24/14	21.8
07/25/14	21.3
07/26/14	19.0
07/27/14	19.9
07/28/14	
07/29/14	
07/30/14	
07/31/14	18.7
08/01/14	18.3
08/02/14	17.9
08/03/14	15.7
08/04/14	20.7
08/05/14	16.8
08/06/14	19.9
08/07/14	19.8
08/08/14	17.7
08/09/14	17.1
08/10/14	18.1
08/11/14	19.4
08/12/14	22.1
08/13/14	20.3
08/14/14	18.9
08/15/14	17.1
08/16/14	17.1
08/17/14	18.2
08/18/14	21.2
08/19/14	22.1
08/20/14	20.6
08/21/14	22.5
08/22/14	17.8
08/23/14	14.1
08/24/14	15.4
08/25/14	21.0
08/26/14	18.7
08/27/14	18.7
08/28/14	20.7

Remediated Nitrate Salt Container Headspace Gas Analysis

	II 3
Date	Start Ambient Temp (C)
08/29/14	14.9
08/30/14	15.3
08/31/14	16.3
09/01/14	19.9
09/02/14	22.1
09/03/14	21.9
09/04/14	19.3
09/05/14	17.3
09/06/14	17.1
09/07/14	14.4
09/08/14	16.6
09/09/14	19.6
09/10/14	19.6
09/11/14	19.3
09/12/14	15.3
09/13/14	13.2
09/14/14	14.4
09/15/14	15.1
09/16/14	19.8
09/17/14	18.7
09/18/14	20.9
09/19/14	15.3
09/20/14	15.7
09/21/14	17.4
09/22/14	17.3
09/23/14	17.7
09/24/14	20.7
09/25/14	20.2
09/26/14	14.9
09/27/14	15.1
09/28/14	15.1
09/29/14	17.7
09/30/14	17.6
10/01/14	18.2
10/02/14	16.9
10/03/14	11.0
10/04/14	10.8
10/05/14	10.0
10/06/14	19.7
10/07/14	15.7
10/08/14	16.5
10/09/14	16.1
10/10/14	15.0
10/11/14	14.6
10/12/14	14.2
10/13/14	13.3
10/14/14	14.0
10/15/14	17.8
10/16/14	15.8
10/17/14	14.2
10/18/14	14.6

Remediated Nitrate Salt Container Headspace Gas Analysis

	II 3
Date	Start Ambient Temp (C)
10/19/14	13.9
10/20/14	13.6
10/21/14	15.7
10/22/14	17.8
10/23/14	15.3
10/24/14	13.3
10/25/14	12.4
10/26/14	14.3
10/27/14	17.2
10/28/14	14.3
10/29/14	12.8
10/30/14	13.2
10/31/14	12.8
11/01/14	12.9
11/02/14	13.1
11/03/14	14.2
11/04/14	8.9
11/05/14	12.1
11/06/14	11.4
11/07/14	6.4
11/08/14	7.1
11/09/14	5.3
11/10/14	12.5
11/11/14	6.6
11/12/14	4.8
11/13/14	11.3
11/14/14	11.8
11/15/14	12.7
11/16/14	11.6
11/17/14	5.9
11/18/14	10.5
11/19/14	12.1
11/20/14	13.2
11/21/14	10.8
11/22/14	10.4
11/23/14	11.8
11/24/14	11.5
11/25/14	10.9
11/26/14	11.3
11/27/14	10.4
11/28/14	11.1
11/29/14	11.6
11/30/14	11.9
12/01/14	12.6
12/02/14	12.1
12/03/14	12.8
12/04/14	12.4
12/05/14	12.0
12/06/14	12.2
12/07/14	12.2
12/08/14	11.8

Remediated Nitrate Salt Container Headspace Gas Analysis

	II 3
Date	Start Ambient Temp (C)
12/09/14	12.2
12/10/14	14.0
12/11/14	11.5
12/12/14	11.9
12/13/14	12.4
12/14/14	11.8
12/15/14	11.7
12/16/14	
12/17/14	11.3
12/18/14	11.1
12/19/14	10.2
12/20/14	8.9
12/21/14	10.4
12/22/14	13.4
12/23/14	11.4
12/24/14	5.1
12/25/14	10.9
12/26/14	10.7
12/27/14	6.6
12/28/14	6.2
12/29/14	6.5
12/30/14	8.1
12/31/14	6.7
01/01/15	7.3
01/02/15	6.1
01/03/15	6.7
01/04/15	7.2
01/05/15	10.1
01/06/15	11.4
01/07/15	12.7
01/08/15	10.6
01/09/15	10.8
01/10/15	10.6
01/11/15	10.5
01/12/15	11.7
01/13/15	10.4
01/14/15	11.3
01/15/15	11.1
01/16/15	8.2
01/17/15	9.1
01/18/15	8.8
01/19/15	8.1
01/20/15	11.7
01/21/15	10.9
01/22/15	9.0
01/23/15	7.1
01/24/15	7.3
01/25/15	8.5
01/26/15	14.4
01/27/15	13.0
01/28/15	15.3

Remediated Nitrate Salt Container Headspace Gas Analysis

	II 3
Date	Start Ambient Temp (C)
01/29/15	12.2
01/30/15	11.4
01/31/15	12.4
02/01/15	9.7
02/02/15	11.8
02/03/15	12.2

Maximum	22.5
Minimum	4.8

Average	14.6
Std Dev	4.3