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FW: Semi-Monthly Daily LFG Well Temperature Update

1 message

Crystal Bazyk <crystal.bazyk@deq.virginia.gov>

Mon, Oct 3, 2022 at 11:43 AM

To: "Blalock, Susan" <susan.blalock@deq.virginia.gov>, Angela Sells <angela.p.sells@deq.virginia.gov>

From: King, Brandon <BKing@scsengineers.com>**Sent:** Monday, October 3, 2022 10:43 AM**To:** crystal.bazyk@deq.virginia.gov; hall.kristen@epa.gov; jeff.hurst@deq.virginia.gov; willard.erinm@epa.gov; stacy.bowers@deq.virginia.gov; David Cochran <dcochran@bristolva.org>; Randall Eads <CityManager@bristolva.org>; 'mmartin@bristolva.org' (mmartin@bristolva.org) <mmartin@bristolva.org>; Joey Lamie <Joey.Lamie@bristolva.org>; Jake Chandler <jacob.chandler@bristolva.org>**Cc:** Nachman, Lucas <LNachman@scsengineers.com>; Mahon, Ryan <RMahon@scsengineers.com>; Warren, Charles <CWarren@scsengineers.com>; Dick, Bob <BDick@scsengineers.com>; Lock, Tom <TLock@scsengineers.com>**Subject:** Semi-Monthly Daily LFG Well Temperature Update

Ms. Hall and Ms. Bazyk,

In accordance with EPA's letter, "Approval of Higher Operating Temperature Values of Landfill Gas Wells and Submission of Gas Treatment Alternatives at the Bristol Virginia Integrated Solid Waste Facility" from August 2021, I am providing the September 30, 2022 status update on the existing wells, expansion of the gas collection system, and continuing operating and monitoring results, covering the period from September 16-30, 2022.

It's worth noting Well 46, which is under the HOV went above 145F by the end of the reporting period. Well 31R remained below 145F throughout this period. Wells 51, 54, 57, and 64 had periods greater than 145F at the beginning of this reporting period, but were below the 145F temperature compliance threshold by the end of the reporting period. Wells 37 and 67 remained greater than 145F throughout the reporting period. SCS did not receive any lab data to report during this period. SCS is working with the City to procure materials for various upcoming projects.

Let me know if you have any questions.

Thank you,

D. Brandon King

SCS Engineers

Project Manager

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Sept 16-30 daily temp data.pdf

91K

Note	Well Depth	Date Drill	Phase	Month	September	September	September	September	September	September	September	September	September	September	September	September	September	September	September
				Day	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
				Date	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
				Well Number															
1	102	10/16/2016	Old Well	35	75	80	80	80	95	95	95	95	78	72	65	60	65	62	66
2	70	9/6/2017	Old Well	39	111	110	110	112	115	115	120	120	110	109	100	100	100	98	100
3	100	9/7/2017	Old Well	40	102	105	100	100	100	105	100	100	80	92	80	80	80	82	80
4	110	10/4/2016	Old Well	46	125	140	115	114	125	135	125	125	120	118	120	180	155	168	165
5	120	10/4/2016	Old Well	47	142	145	145	140	140	150	145	140	132	130	135	135	135	137	133
6	120	9/17/2013	Old Well	29	110	115	110	112	105	115	105	100	89	100	95	80	85	82	93
7	100	8/23/2017	Old Well	30R	145	145	140	137	140	150	145	145	125	138	135	125	130	136	135
8	120	8/30/2017	Old Well	31R	118	115	115	111	120	120	125	120	112	119	110	130	138	132	134
9	70	7/29/2016	Old Well	32	75	70	65	70	88	85	80	80	80	79	70	65	72	76	76
10	100	7/28/2016	Old Well	33	122	125	120	122	125	130	130	130	122	120	120	120	120	125	125
11	100	7/30/2016	Old Well	34	114	110	110	114	120	120	120	120	110	112	115	135	122	126	121
12	100	8/1/2016	Old Well	36	85	80	80	82	70	90	85	85	70	72	80	55	62	64	59
13	100	8/24/2017	Old Well	37	145	155	150	145	155	160	155	160	144	150	150	150	150	150	150
14	50	8/25/2017	Old Well	38	111	110	110	116	120	120	120	120	110	110	110	110	115	110	112
15	75	9/8/2017	Old Well	41	125	120	120	122	125	130	150	145	139	130	141	140	143	140	140
16	57	9/8/2017	Old Well	42	116	110	110	114	110	120	120	115	110	115	115	105	110	105	116
17	110	10/7/2016	Old Well	48	85	80	80	85	75	90	90	70	68	79	60	50	66	68	72
1	120	10/1/2021	New Well	32R	Meter	Meter	Meter	Meter	Meter	Meter	Meter	Meter	140	Has Sensor	Has Sensor	Has Sensor	Has Sensor	Has Sensor	Has Sensor
2	110	10/1/2021	New Well	49	142	140	140	144	140	140	140	145	128	130	125	135	131	134	130
3	96	10/1/2021	New Well	50	135	140	145	142	140	140	140	135	130	130	120	130	125	127	121
4	114	10/1/2021	New Well	51	138	145	145	140	145	150	145	145	139	139	135	140	132	138	133
5	109	10/1/2021	New Well	52	124	120	120	122	125	120	120	120	109	100	100	100	102	98	98
6	91	10/1/2021	New Well	53	141	140	140	139	145	145	140	145	139	120	125	130	122	124	125
7	91	10/1/2021	New Well	54	155	160	160	152	160	160	160	160	149	144	140	145	139	141	140
8	104	10/1/2021	New Well	55	98	100	100	95	120	120	105	105	99	90	95	90	96	96	95
9	109	10/1/2021	New Well	56	143	140	140	139	150	145	145	150	135	132	120	140	121	123	123
10	103	10/1/2021	New Well	57	142	140	140	141	145	145	145	145	125	132	136	135	133	132	134
11	92	10/1/2021	New Well	58	129	120	120	124	110	110	110	110	89	72	65	55	60	65	65
12	72	10/1/2021	New Well	59	126	120	120	128	120	125	120	120	108	112	116	115	116	115	110
13	120	10/1/2021	New Well	60	132	140	140	138	140	140	140	140	128	128	125	125	122	120	125
14	105	10/1/2021	New Well	61	118	115	115	117	110	115	115	110	105	102	100	95	97	95	95
15	120	10/1/2021	New Well	62	116	110	110	105	120	120	120	120	119	112	105	110	111	112	110
16	117	10/1/2021	New Well	63	108	135	135	132	130	140	140	140	129	125	120	120	125	122	129
17	120	10/1/2021	New Well	64	139	140	140	142	140	150	145	145	139	140	130	130	128	122	127
18	100	10/1/2021	New Well	65	142	130	130	134	140	140	140	150	Too Tall	Too Tall	120	125	121	120	125
19	102	10/1/2021	New Well	66	136	130	130	132	150	150	145	145	125	122	130	125	126	121	121
20	100	10/1/2021	New Well	67	152	150	150	146	160	155	160	160	149	132	150	145	144	148	150
21	75	10/1/2021	New Well	68	133	125	125	122	130	120	130	135	125	Has Sensor	Has Sensor	Has Sensor	Has Sensor	Has Sensor	Has Sensor