



# POST-DISINFECTION CORONAVIRUS-19 FIELD VERIFICATION TESTING REPORT

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CLIENT: Mitchell Gayer  
NJIT  
333 Martin Luther King Blvd  
Newark, NJ 07102

SITE LOCATION: NJIT  
333 Martin Luther King Blvd  
Newark, NJ 07102

SCOPE OF WORK: COVID-19 Verification Testing

AREAS TESTED: Campus-Wide

CLIENT CONTACT(S): Mitchell Gayer

SITE EVALUATION CONDUCTED: 4/27 & 4/28/2021

DATE OF REPORT: 4/30/2021

REPORT PREPARED BY: Ross Hernandez

REPORT REVIEWED BY: Veronica Kero CIH, P.E.

{Omega Project#: 21-1040}

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Executive Summary:

On 4/27/2021 and 4/28/2021, Omega Environmental Services conducted representative ATP surface testing and SARS-CoV-2 environmental sampling in the following buildings on the NJIT campus:

- Guttenberg Information Technologies Center (GITC)
- Mechanical Engineering Center (MEC)
- Cullimore Hall
- Campus Center
- Weston Hall
- Kupfrian Hall
- Tiernan Hall
- Faculty Memorial Hall (FMH)
- Life Sciences & Engineering Center (LSEC)
- Cypress Residential Hall
- Redwood Residential Hall
- Houten Library
- Wellness Entertainment Center (WEC)
- Honors College Residential Hall
- Central King Building (CKB)
- Laurel Residential Hall
- Oak Residential Hall

The purpose of this testing was to document adequate disinfection and cleaning by the NJIT Building Service staff.

Parameter	Results
Adenosine Triphosphate (ATP) Direct Reads: Bioluminescence Meter (Detects Bacteria and Bio-Load)	<ul style="list-style-type: none"> <li>• 41-out-of-187 representative ATP surface samples collected reported elevated ATP levels (21.9% of samples). 11-out-of the 41 samples with elevated ATP levels were pre-cleaning samples, meaning they were collected before the area was cleaned by NJIT building services.</li> <li>• In the Wellness Entertainment Center, the average pre-cleaning ATP concentration with 105 RLU, with 10% of the samples indicating elevated ATP levels. The average post-cleaning ATP concentration with 21 RLU, representing an 80% reduction in ATP concentrations</li> <li>• Omega Environmental Services collected SARS-CoV-2 surface samples on all representative surfaces with elevated ATP levels.</li> </ul>
SARS-CoV-2 PCR Samples	<ul style="list-style-type: none"> <li>• Laboratory results indicate all the SARS-CoV-2 air and surface samples collected on 4/27/21 and 4/28/21 were negative.</li> </ul>

### **Bio-Load and SARS-CoV-2 Field Sampling & Analysis Protocol:**

While a COVID-19 PCR DNA sequencing field testing method has become available, pre-screen methods that apply to overall bacteria cleaning are being employed to more efficiently clear areas and reduce testing costs.

- **REAL-TIME FIELD SCREEN USING ATP DIRECT-READ BIO-LUMINESCENCE METER AND WHITE CLOTH TESTS:** Omega field IH to inspect the room and collect ATP swabs on all component basis to assess overall cleaning thoroughness. If there are ATP swab results statistically above “typical background,” re-cleaning of the room will be requested followed by repeat ATP testing before proceeding with further testing.
- **COVID-19 PCR DNA SEQUENCING METHOD:** Once a room passes the above described bio-load testing protocols, a COVID-19 PCR swab will be collected from alternating room locations.
- **COVID-19 PCR AIR SAMPLING METHOD:** Air samples are collected using a linear oscillating pump in conjunction with a 0.3  $\mu\text{m}$  Polytetrafluoroethylene (PTFE) filter housed 37 mm cassettes. The pump pulls the air from the surrounding area into the cassette where any airborne virus particulates are captured. The samples are collected at a flow rate of 15 liters per minute (LPM), for 2 hours, totaling 1800 liters. Once sampling is complete, samples are shipped to an independent laboratory for analysis. Samples are analyzed via a polymerase chain reaction (PCR) method. The PCR method relies on a protein responsible for DNA replication in cells, please note this protein will only replicate DNA strands that match the COVID-19 sequence. If replication exceeds a threshold established by the laboratory the sample is determined to be positive for the COVID-19 strand. Test results should be used as metrics for cleaning success rather than a direct estimator for infection potential.

**Definitions:**

ATP - Adenosine Triphosphate

RLU – Relative Light Unit

\*- Elevated ATP Levels

**ATP Direct Read: Bio-Luminescence Meter (*Hygiena/Ensure*) Data:**

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
1	04/27/2021 09:34 AM	GITC	1100	Surface of Row 1, Seat 1*	442	105	211	Pre-cleaning sample.
2	04/27/2021 09:34 AM	GITC	1100	Surface of Row 1, Seat 4*	689	105	211	Pre-cleaning sample.
3	04/27/2021 09:35 AM	GITC	1100	Surface of Row 1, Seat 7*	667	105	211	Pre-cleaning sample.
4	04/27/2021 09:35 AM	GITC	1100	Surface of Row 1, Seat 10*	460	105	211	Pre-cleaning sample.
5	04/27/2021 09:36 AM	GITC	1100	Surface of Row 1, Seat 13*	557	105	211	Pre-cleaning sample.
6	04/27/2021 09:37 AM	GITC	1100	Surface of Row 3, Seat 2*	537	105	211	Pre-cleaning sample.
7	04/27/2021 09:38 AM	GITC	1100	Surface of Row 3, Seat 5	95	105	211	Pre-cleaning sample.
8	04/27/2021 09:38 AM	GITC	1100	Surface of Row 3, Seat 8*	687	105	211	Pre-cleaning sample.
9	04/27/2021 09:41 AM	GITC	1100	Surface of Row 5, Seat 1	184	105	211	Pre-cleaning sample.
10	04/27/2021 09:42 AM	GITC	1100	Surface of Row 5, Seat 4	147	105	211	Pre-cleaning sample.
11	04/27/2021 09:42 AM	GITC	1100	Surface of Row 5, Seat 7*	314	105	211	Pre-cleaning sample.
12	04/27/2021 09:43 AM	GITC	1100	Surface of Row 5, Seat 10*	319	105	211	Pre-cleaning sample.
13	04/27/2021 09:43 AM	GITC	1100	Surface of Row 5, Seat 13*	337	105	211	Pre-cleaning sample.

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
14	04/27/2021 10:13 AM	GITC	1100	Surface of Row 1, Seat 1	46	105	211	Test No. 1 post-cleaning sample.
15	04/27/2021 10:14 AM	GITC	1100	Surface of Row 1, Seat 4*	249	105	211	Test No. 2 post-cleaning sample. SARS-CoV-2 sample collected.
16	04/27/2021 10:14 AM	GITC	1100	Surface of Row 1, Seat 7	142	105	211	Test No. 3 post-cleaning sample.
17	04/27/2021 10:15 AM	GITC	1100	Surface of Row 1, Seat 10	145	105	211	Test No. 4 post-cleaning sample.
18	04/27/2021 10:15 AM	GITC	1100	Surface of Row 1, Seat 13	16	105	211	Test No. 5 post-cleaning sample.
19	04/27/2021 10:16 AM	GITC	1100	Surface of Row 3, Seat 2	10	105	211	Test No. 6 post-cleaning sample.
20	04/27/2021 10:16 AM	GITC	1100	Surface of Row 3, Seat 8	54	105	211	Test No. 8 post-cleaning sample.
21	04/27/2021 10:17 AM	GITC	1100	Surface of Row 5, Seat 7	129	105	211	Test No. 11 post-cleaning sample.
22	04/27/2021 10:17 AM	GITC	1100	Surface of Row 5, Seat 10	120	105	211	Test No. 12 post-cleaning sample.
23	04/27/2021 10:18 AM	GITC	1100	Surface of Row 5, Seat 13	103	105	211	Test No. 13 post-cleaning sample.
24	04/27/2021 10:29 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 1, Seat 1	18	105	211	
25	04/27/2021 10:29 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 1, Seat 4	7	105	211	
26	04/27/2021 10:30 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 1, Seat 7	22	105	211	
27	04/27/2021 10:30 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 3, Seat 3	43	105	211	
28	04/27/2021 10:31 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 3, Seat 6	9	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
29	04/27/2021 10:31 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 3, Seat 9	4	105	211	
30	04/27/2021 10:32 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 3, Seat 12	15	105	211	
31	04/27/2021 10:32 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 5, Seat 2	7	105	211	
32	04/27/2021 10:33 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 5, Seat 5	6	105	211	
33	04/27/2021 10:33 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 5, Seat 8	11	105	211	
34	04/27/2021 10:34 AM	Mechanical Engineering Center (MEC)	224	Surface of Row 5, Seat 12	7	105	211	
35	04/27/2021 10:44 AM	Cullimore Hall	106	Surface of Row 1, Seat 1	4	105	211	
36	04/27/2021 10:45 AM	Cullimore Hall	106	Surface of Row 1, Seat 4	121	105	211	
37	04/27/2021 10:45 AM	Cullimore Hall	106	Surface of Row 1, Seat 7*	219	105	211	SARS-CoV-2 sample collected.
38	04/27/2021 10:46 AM	Cullimore Hall	106	Surface of Row 1, Seat 10	1	105	211	
39	04/27/2021 10:46 AM	Cullimore Hall	106	Surface of Row 3, Seat 3	52	105	211	
40	04/27/2021 10:47 AM	Cullimore Hall	106	Surface of Row 3, Seat 6*	453	105	211	SARS-CoV-2 sample collected.
41	04/27/2021 10:47 AM	Cullimore Hall	106	Surface of Row 3, Seat 9	103	105	211	
42	04/27/2021 10:48 AM	Cullimore Hall	106	Surface of Row 5, Seat 1	128	105	211	
43	04/27/2021 10:48 AM	Cullimore Hall	106	Surface of Row 5, Seat 4	89	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
44	04/27/2021 10:49 AM	Cullimore Hall	106	Surface of Row 5, Seat 6	194	105	211	
45	04/27/2021 11:05 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of ATM, Keypad*	295	105	211	SARS-CoV-2 sample collected.
46	04/27/2021 11:06 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Snack Vending Machine, Touch Screen*	266	105	211	SARS-CoV-2 sample collected.
47	04/27/2021 11:06 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Drink Vending Machine, Keypad*	283	105	211	SARS-CoV-2 sample collected.
48	04/27/2021 11:07 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Amazon Locker, Keypad*	285	105	211	SARS-CoV-2 sample collected.
49	04/27/2021 11:07 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Table 3, Seat 4*	393	105	211	SARS-CoV-2 sample collected.
50	04/27/2021 11:08 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Table 4, Seat 1	154	105	211	
51	04/27/2021 11:08 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Table 5, Seat 1	49	105	211	
52	04/27/2021 11:09 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Table 6, Seat 1*	218	105	211	SARS-CoV-2 sample collected.
53	04/27/2021 11:10 AM	Campus Center	1 <sup>st</sup> Floor Sitting Area	Surface of Table 7, Seat 2*	558	105	211	SARS-CoV-2 sample collected.
54	04/27/2021 12:15 PM	Weston Hall	340-350	Surface of Desk 2, Chair Right Handle of Chair Armrest*	347	105	211	SARS-CoV-2 sample collected.
55	04/27/2021 12:15 PM	Weston Hall	344-350	Surface of Desk 2, Computer Keyboard*	443	105	211	SARS-CoV-2 sample collected.
56	04/27/2021 12:16 PM	Weston Hall	344-350	Surface of Desk 2, Computer Mouse*	363	105	211	SARS-CoV-2 sample collected.
57	04/27/2021 12:17 PM	Weston Hall	344-350	Surface of Desk 2, Phone Handset	140	105	211	



Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
58	04/27/2021 12:17 PM	Weston Hall	344-350	Surface of Desk 2, Table Surface*	534	105	211	SARS-CoV-2 sample collected.
59	04/27/2021 12:18 PM	Weston Hall	350A	Surface of Faucet Handle	69	105	211	
60	04/27/2021 12:18 PM	Weston Hall	350A	Surface of Microwave Handle*	636	105	211	SARS-CoV-2 sample collected.
61	04/27/2021 12:19 PM	Weston Hall	350A	Surface of Refrigerator Handle*	422	105	211	SARS-CoV-2 sample collected.
62	04/27/2021 12:30 PM	Weston Hall	340-350	Surface of Copy Machine, Interface	97	105	211	Machine Number: C554E-64
63	04/27/2021 01:56 PM	Kupfrian Hall	207	Surface of Row 1, Seat 1	8	105	211	
64	04/27/2021 01:56 PM	Kupfrian Hall	207	Surface of Row 1, Seat 3	137	105	211	
65	04/27/2021 01:57 PM	Kupfrian Hall	207	Surface of Row 1, Seat 6	84	105	211	
66	04/27/2021 01:58 PM	Kupfrian Hall	207	Surface of Row 2, Seat 2	148	105	211	
67	04/27/2021 01:58 PM	Kupfrian Hall	207	Surface of Row 2, Seat 5*	299	105	211	SARS-CoV-2 sample collected.
68	04/27/2021 01:59 PM	Kupfrian Hall	207	Surface of Row 2, Seat 8	136	105	211	
69	04/27/2021 01:59 PM	Kupfrian Hall	207	Surface of Row 3, Seat 1*	521	105	211	SARS-CoV-2 sample collected.
70	04/27/2021 02:00 PM	Kupfrian Hall	207	Surface of Row 3, Seat 3*	255	105	211	SARS-CoV-2 sample collected.
71	04/27/2021 02:00 PM	Kupfrian Hall	207	Surface of Row 3, Seat 6	76	105	211	
72	04/27/2021 02:01 PM	Kupfrian Hall	207	Surface of Row 4. Seat 2*	307	105	211	SARS-CoV-2 sample collected.
73	04/27/2021 02:01 PM	Kupfrian Hall	207	Surface of Row 4. Seat 5*	233	105	211	SARS-CoV-2 sample collected.
74	04/27/2021 02:02 PM	Kupfrian Hall	207	Surface of Row 4. Seat 8	160	105	211	
75	04/27/2021 02:15 PM	Tiernan Hall	111	Surface of Row 1, Seat 1	66	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
76	04/27/2021 02:15 PM	Tiernan Hall	111	Surface of Row 1, Seat 2	28	105	211	
77	04/27/2021 02:16 PM	Tiernan Hall	111	Surface of Row 3, Seat 1	121	105	211	
78	04/27/2021 02:16 PM	Tiernan Hall	111	Surface of Row 3, Seat 2	130	105	211	
79	04/27/2021 02:17 PM	Tiernan Hall	111	Surface of Row 3, Seat 3	35	105	211	
80	04/27/2021 02:17 PM	Tiernan Hall	111	Surface of Row 5, Seat 1	88	105	211	
81	04/27/2021 02:18 PM	Tiernan Hall	111	Surface of Row 5, Seat 2	57	105	211	
82	04/27/2021 02:18 PM	Tiernan Hall	111	Surface of Row 5, Seat 3	5	105	211	
83	04/27/2021 02:19 PM	Tiernan Hall	111	Surface of Row 7, Seat 1	16	105	211	
84	04/27/2021 02:19 PM	Tiernan Hall	111	Surface of Row 7, Seat 2	21	105	211	
85	04/27/2021 02:20 PM	Tiernan Hall	111	Surface of Row 7, Seat 3	169	105	211	
86	04/27/2021 02:34 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 1, Seat 1	115	105	211	
87	04/27/2021 02:35 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 1, Seat 4	121	105	211	
88	04/27/2021 02:35 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 1, Seat 6*	248	105	211	SARS-CoV-2 sample collected.
89	04/27/2021 02:36 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 2, Seat 2	70	105	211	
90	04/27/2021 02:36 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 2, Seat 4	125	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
91	04/27/2021 02:37 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 2, Seat 6	135	105	211	
92	04/27/2021 02:37 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 3, Seat 2	81	105	211	
93	04/27/2021 02:38 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 3, Seat 4	155	105	211	
94	04/27/2021 02:39 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 3, Seat 6	130	105	211	
95	04/27/2021 02:39 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 4, Seat 2	121	105	211	
96	04/27/2021 02:42 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 4, Seat 4	208	105	211	
97	04/27/2021 02:42 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 4, Seat 6	47	105	211	
98	04/27/2021 02:43 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 5, Seat 2	24	105	211	
99	04/27/2021 02:43 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 5, Seat 4	93	105	211	
100	04/27/2021 02:45 PM	Faculty Memorial Hall (FMH)	213	Surface of Row 5, Seat 6*	383	105	211	SARS-CoV-2 sample collected.
101	04/28/2021 08:56 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 2	42	105	211	

102	04/28/2021 08:56 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 3	42	105	211	
103	04/28/2021 08:57 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 4	42	105	211	
104	04/28/2021 08:57 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 5	31	105	211	
105	04/28/2021 08:57 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 6	15	105	211	
106	04/28/2021 08:58 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 7	30	105	211	
107	04/28/2021 08:58 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 8	22	105	211	
108	04/28/2021 08:59 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 9	31	105	211	
109	04/28/2021 08:59 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 10	31	105	211	

110	04/28/2021 09:00 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 11	68	105	211	
111	04/28/2021 09:00 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 12	24	105	211	
112	04/28/2021 09:01 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 13	84	105	211	
113	04/28/2021 09:01 AM	Life Sciences & Engineering Center (LSEC)	Ground Floor Sitting Area (102)	Surface of Table 14	153	105	211	
114	04/28/2021 09:30 AM	Cypress Residential Hall	2 <sup>nd</sup> Floor Hallway	2 <sup>nd</sup> Floor Elevator Call Button, Down	83	105	211	
115	04/28/2021 09:31 AM	Cypress Residential Hall	3 <sup>rd</sup> Floor Hallway	3 <sup>rd</sup> Floor Elevator Call Button, Down	82	105	211	
116	04/28/2021 09:31 AM	Cypress Residential Hall	4 <sup>th</sup> Floor Hallway	4 <sup>th</sup> Floor Elevator Call Button, Down	148	105	211	
117	04/28/2021 09:32 AM	Cypress Residential Hall	5 <sup>th</sup> Floor Hallway	5 <sup>th</sup> Floor Elevator Call Button, Down	93	105	211	
118	04/28/2021 09:32 AM	Cypress Residential Hall	6 <sup>th</sup> Floor Hallway	6 <sup>th</sup> Floor Elevator Call Button, Down	54	105	211	
119	04/28/2021 09:32 AM	Cypress Residential Hall	7 <sup>th</sup> Floor Hallway	7 <sup>th</sup> Floor Elevator Call Button, Down	100	105	211	
120	04/28/2021 09:33 AM	Cypress Residential Hall	8 <sup>th</sup> Floor Hallway	8 <sup>th</sup> Floor Elevator Call Button, Down*	450	105	211	SARS-CoV-2 sample collected.

121	04/28/2021 09:46 AM	Redwood Residential Hall	3 <sup>rd</sup> Floor Hallway	3 <sup>rd</sup> Floor Elevator 1 Call Button, Down	180	105	211	
122	04/28/2021 09:47 AM	Redwood Residential Hall	3 <sup>rd</sup> Floor Hallway	3 <sup>rd</sup> Floor Elevator 2 Call Button, Down	79	105	211	
123	04/28/2021 09:47 AM	Redwood Residential Hall	4 <sup>th</sup> Floor Hallway	4 <sup>th</sup> Floor Elevator 1 Call Button, Down	93	105	211	
124	04/28/2021 09:48 AM	Redwood Residential Hall	4 <sup>th</sup> Floor Hallway	4 <sup>th</sup> Floor Elevator 2 Call Button, Down	31	105	211	
125	04/28/2021 09:48 AM	Redwood Residential Hall	5 <sup>th</sup> Floor Hallway	5 <sup>th</sup> Floor Elevator 1 Call Button, Down	16	105	211	
126	04/28/2021 09:49 AM	Redwood Residential Hall	5 <sup>th</sup> Floor Hallway	5 <sup>th</sup> Floor Elevator 2 Call Button, Down	46	105	211	
127	04/28/2021 10:08 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047-001, Keyboard	34	105	211	
128	04/28/2021 10:09 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047-007, Mouse	41	105	211	
129	04/28/2021 10:09 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047-014, Keyboard	18	105	211	
130	04/28/2021 10:10 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047-020, Mouse	89	105	211	
131	04/28/2021 10:10 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047-025, Keyboard	70	105	211	
132	04/28/2021 10:11 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047-029, Mouse	22	105	211	
133	04/28/2021 10:11 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047-032, Keyboard	108	105	211	

134	04/28/2021 10:12 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 036, Mouse	50	105	211	
135	04/28/2021 10:13 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 039, Keyboard	75	105	211	
136	04/28/2021 10:13 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 047, Mouse	72	105	211	
137	04/28/2021 10:14 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 050, Keyboard	35	105	211	
138	04/28/2021 10:14 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 054, Mouse	180	105	211	
139	04/28/2021 10:15 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 058, Keyboard	109	105	211	
140	04/28/2021 10:15 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 063, Mouse	67	105	211	
141	04/28/2021 10:16 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 070, Keyboard	56	105	211	
142	04/28/2021 10:16 AM	Houten Library	1 <sup>st</sup> Floor Sitting Area	Surface of Computer CA-1047- 074, Mouse	204	105	211	
143	04/28/2021 10:43 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Treadmill 2, Interface	17	105	211	Pre-cleaning sample.
144	04/28/2021 10:43 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Stairmaster 1, Left Handle	81	105	211	Pre-cleaning sample.
145	04/28/2021 10:44 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Jungle Gym Dip Handle, Right Side	56	105	211	Pre-cleaning sample.
146	04/28/2021 10:44 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Smith Machine 2, Right Handle	55	105	211	Pre-cleaning sample.

147	04/28/2021 10:45 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Paramount Rotary Chest Machine, Left Handle	116	105	211	Pre-cleaning sample.
148	04/28/2021 10:45 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of 30lb Jagged Bar	34	105	211	Pre-cleaning sample.
149	04/28/2021 10:46 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of 15lb Dumbbell	70	105	211	Pre-cleaning sample.
150	04/28/2021 10:46 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Paramount Bicep Curl Machine, Left Handle	107	105	211	Pre-cleaning sample.
151	04/28/2021 10:47 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Door Push Bar*	352	105	211	Pre-cleaning sample. Fitness Center side of the door.
152	04/28/2021 10:47 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Door Handle	161	105	211	Pre-cleaning sample. Hallway side of the door.
153	04/28/2021 10:51 AM	Wellness Entertainment Center (WEC)	2 <sup>nd</sup> Floor Fitness Center	Surface of Door Push Bar	21	105	211	Test No. 151 post-cleaning sample. Fitness Center side of the door.
154	04/28/2021 12:47 PM	Central King Building (CKB)	3 <sup>rd</sup> Floor Lounge	Surface of Window Bench, Seat 1*	270	105	211	SARS-CoV-2 sample collected.
155	04/28/2021 12:47 PM	Central King Building (CKB)	3 <sup>rd</sup> Floor Lounge	Surface of Window Bench, Seat 3	77	105	211	
156	04/28/2021 12:48 PM	Central King Building (CKB)	3 <sup>rd</sup> Floor Lounge	Surface of Window Bench, Seat 5	70	105	211	
157	04/28/2021 12:48 PM	Central King Building (CKB)	3 <sup>rd</sup> Floor Lounge	Surface of Table 1, Seat 1	59	105	211	
158	04/28/2021 12:49 PM	Central King Building (CKB)	3 <sup>rd</sup> Floor Lounge	Surface of Table 1, Seat 2	25	105	211	
159	04/28/2021 12:49 PM	Central King Building (CKB)	3 <sup>rd</sup> Floor Lounge	Surface of Round Table 1	40	105	211	



160	04/28/2021 12:50 PM	Central King Building (CKB)	3 <sup>rd</sup> Floor Lounge	Surface of Round Table 2	84	105	211	
161	04/28/2021 01:02 PM	Honors College Residential Hall	1 <sup>st</sup> Floor Kitchen	Surface of Faucet Handle	59	105	211	
162	04/28/2021 01:03 PM	Honors College Residential Hall	1 <sup>st</sup> Floor Kitchen	Surface of Microwave Handle	22	105	211	
163	04/28/2021 01:03 PM	Honors College Residential Hall	1 <sup>st</sup> Floor Kitchen	Surface of Refrigerator Handle	189	105	211	
164	04/28/2021 01:04 PM	Honors College Residential Hall	2 <sup>nd</sup> Floor Hallway	2 <sup>nd</sup> Floor "Down" Elevator Call Button, Down	112	105	211	Elevator Lobby Room 105 side of the building.
165	04/28/2021 01:04 PM	Honors College Residential Hall	3 <sup>rd</sup> Floor Hallway	3 <sup>rd</sup> Floor "Down" Elevator Call Button, Down*	532	105	211	Elevator Lobby Room 105 side of the building. SARS-CoV-2 sample collected.
166	04/28/2021 01:05 PM	Honors College Residential Hall	4 <sup>th</sup> Floor Hallway	4 <sup>th</sup> Floor "Down" Elevator Call Button, Down	149	105	211	Elevator Lobby Room 105 side of the building.
167	04/28/2021 01:05 PM	Honors College Residential Hall	5 <sup>th</sup> Floor Hallway	5 <sup>th</sup> Floor "Down" Elevator Call Button, Down*	213	105	211	Elevator Lobby Room 105 side of the building. SARS-CoV-2 sample collected.
168	04/28/2021 01:23 PM	Laurel Residential Hall	1 <sup>st</sup> Floor Kitchen	Surface of Faucet Handle	83	105	211	
169	04/28/2021 01:24 PM	Laurel Residential Hall	1 <sup>st</sup> Floor Kitchen	Surface of Microwave Handle	189	105	211	
170	04/28/2021 01:25 PM	Laurel Residential Hall	1 <sup>st</sup> Floor Kitchen	Surface of Refrigerator Handle*	614	105	211	SARS-CoV-2 sample collected.

171	04/28/2021 01:25 PM	Laurel Residential Hall	2 <sup>nd</sup> Floor Hallway	2 <sup>nd</sup> Floor Elevator Call Button, Down	167	105	211	
172	04/28/2021 01:26 PM	Laurel Residential Hall	3 <sup>rd</sup> Floor Hallway	3 <sup>rd</sup> Floor Elevator Call Button, Down	80	105	211	
173	04/28/2021 01:26 PM	Laurel Residential Hall	4 <sup>th</sup> Floor Hallway	4 <sup>th</sup> Floor Elevator Call Button, Down	87	105	211	
174	04/28/2021 01:27 PM	Laurel Residential Hall	5 <sup>th</sup> Floor Hallway	5 <sup>th</sup> Floor Elevator Call Button, Down	33	105	211	
175	04/28/2021 01:27 PM	Laurel (Extension) Residential Hall	2 <sup>nd</sup> Floor Hallway	2 <sup>nd</sup> Floor Elevator Call Button, Down	91	105	211	
176	04/28/2021 01:28 PM	Laurel (Extension) Residential Hall	3 <sup>rd</sup> Floor Hallway	3 <sup>rd</sup> Floor Elevator Call Button, Down	170	105	211	
177	04/28/2021 01:28 PM	Laurel (Extension) Residential Hall	4 <sup>th</sup> Floor Hallway	4 <sup>th</sup> Floor Elevator Call Button, Down	77	105	211	
178	04/28/2021 01:29 PM	Laurel (Extension) Residential Hall	5 <sup>th</sup> Floor Hallway	5 <sup>th</sup> Floor Elevator Call Button, Down	133	105	211	
179	04/28/2021 01:29 PM	Laurel (Extension) Residential Hall	6 <sup>th</sup> Floor Hallway	6 <sup>th</sup> Floor Elevator Call Button, Down	77	105	211	
180	04/28/2021 01:30 PM	Laurel (Extension) Residential Hall	7 <sup>th</sup> Floor Hallway	7 <sup>th</sup> Floor Elevator Call Button, Down	10	105	211	
181	04/28/2021 01:45 PM	Oak Residential Hall	2 <sup>nd</sup> Floor Hallway	2 <sup>nd</sup> Floor Elevator Call Button, Down	151	105	211	

182	04/28/2021 01:45 PM	Oak Residential Hall	3 <sup>rd</sup> Floor Hallway	3 <sup>rd</sup> Floor Elevator Call Button, Down	52	105	211	
183	04/28/2021 01:46 PM	Oak Residential Hall	4 <sup>th</sup> Floor Hallway	4 <sup>th</sup> Floor Elevator Call Button, Down*	325	105	211	SARS-CoV-2 sample collected.
184	04/28/2021 01:46 PM	Oak Residential Hall	5 <sup>th</sup> Floor Hallway	5 <sup>th</sup> Floor Elevator Call Button, Down	101	105	211	
185	04/28/2021 01:47 PM	Oak Residential Hall	6 <sup>th</sup> Floor Hallway	6 <sup>th</sup> Floor Elevator Call Button, Down	121	105	211	
186	04/28/2021 01:47 PM	Oak Residential Hall	7 <sup>th</sup> Floor Hallway	7 <sup>th</sup> Floor Elevator Call Button, Down*	336	105	211	SARS-CoV-2 sample collected.
187	04/28/2021 01:48 PM	Oak Residential Hall	8 <sup>th</sup> Floor Hallway	8 <sup>th</sup> Floor Elevator Call Button, Down	79	105	211	

### **Field Notes**

- Row A or 1 is the row closest to the Instructor.
- Seat numbering starts on the left side of the room, from the perspective of the Instructor.
- All directions and labels are from the perspective of the Instructor, looking towards the seats.
- Only surfaces with elevated or critical pre-cleaning ATP concentrations were tested post-cleaning.

### **Data Interpretation:**

- 41-out-of-187 representative ATP surface samples collected reported elevated ATP levels (21.9% of samples). 11-out-of the 41 samples with elevated ATP levels were pre-cleaning samples. Meaning they were collected before the area was cleaned by NJIT building services.
- In the Wellness Entertainment Center, the average pre-cleaning ATP concentration with 105 RLU, with 10% of the samples indicating elevated ATP levels. The average post-cleaning ATP concentration with 21 RLU, representing an 80% reduction in ATP concentrations.

**Surface SARS-CoV-2 Swab Data: 4/27 – 4/28/2021**

<b>Sample No.</b>	<b>SARS-CoV-2 Swab Sample Locations</b>	<b>Result (Positive/Negative)</b>
1	GITC, Room 1100, Surface of Row 1, Seat 4	Negative
2	Cullimore Hall, Room 106, Surface of Row 1, Seat 7	Negative
3	Cullimore Hall, Room 106, Surface of Row 3, Seat 6	Negative
4	Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of ATM, Keypad	Negative
5	Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of Snack Vending Machine, Touch Screen	Negative
6	Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of Drink Vending Machine, Keypad	Negative
7	Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of Amazon Locker, Keypad	Negative
8	Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of Table 3, Seat 4	Negative
9	Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of Table 6, Seat 1	Negative
10	Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of Table 7, Seat 2	Negative
11	Weston Hall, Room 340-350, Surface of Desk 2, Right Handle of Chair Armrest	Negative
12	Weston Hall, Room 340-350, Surface of Desk 2, Computer Keyboard	Negative
13	Weston Hall, Room 340-350, Surface of Desk 2, Compute Mouse	Negative
14	Weston Hall, Room 340-350, Surface of Desk 2, Table Surface	Negative
15	Weston Hall, Room 350A, Surface of Microwave Handle	Negative
16	Weston Hall, Room 350A, Surface of Refrigerator Handle	Negative
17	Kupfrian Hall, Room 207, Surface of Row 2, Seat 5	Negative
18	Kupfrian Hall, Room 207, Surface of Row 3, Seat 1	Negative
19	Kupfrian Hall, Room 207, Surface of Row 3, Seat 3	Negative
20	Kupfrian Hall, Room 207, Surface of Row 4, Seat 2	Negative
21	Kupfrian Hall, Room 207, Surface of Row 4, Seat 5	Negative
22	Faculty Memorial Hall (FMH), Room 213, Surface of Row 1, Seat 6	Negative
23	Faculty Memorial Hall (FMH), Room 213, Surface of Row 5, Seat 6	Negative
24	Cypress Residential Hall, 8 <sup>th</sup> Floor Elevator Call Button, Down	Negative
25	Central King Building (CKB), 3 <sup>rd</sup> Floor Lounge, Surface of Window Bench, Seat 1	Negative
26	Honors College Residential Hall, 3 <sup>rd</sup> Floor “Down” Elevator Call Button, Down	Negative
27	Honors College Residential Hall, 5 <sup>th</sup> Floor “Down” Elevator Call Button, Down	Negative
28	Laurel Residential Hall, 1 <sup>st</sup> Floor Kitchen, Surface of Refrigerator Handle	Negative
29	Oak Residential Hall, 4 <sup>th</sup> Floor Elevator Call Button, Down	Negative
30	Oak Residential Hall, 7 <sup>th</sup> Floor Elevator Call Button, Down	Negative

**SARS-CoV-2 Air Sample Data: 4/27 – 4/28/2021**

<b>Sample No.</b>	<b>SARS-CoV-2 Air Sample Locations</b>	<b>Result (Positive/Negative)</b>
1	Campus Center, 1 <sup>st</sup> Floor Sitting Area	Negative
2	Cullimore Hall, Room 106	Negative
3	Mechanical Engineering Center (MEC), Room 224	Negative
4	Guttenberg Information Technologies Center (GITC), Room 1100	Negative
5	Kupfrian Hall, Room 207	Negative
6	Tiernan Hall, Room 111	Negative
7	Faculty Memorial Hall (FMH), Room 213	Negative
8	Weston Hall, Room 340-350, Office of the Dean/Graduate Admissions	Negative
9	Honors College Residential Hall, 1 <sup>st</sup> Floor Lobby	Negative
10	Wellness Entertainment Center (WEC), 2 <sup>nd</sup> Floor Fitness Center	Negative
11	Redwood Residential Hall, 1 <sup>st</sup> Floor Lobby	Negative
12	Cypress Residential Hall, 1 <sup>st</sup> Floor Lobby	Negative
13	Laurel Residential Hall, Vestibule	Negative
14	Laurel (Extension) Residential Hall, 1st Floor Hallway, Next to the Elevator	Negative
15	Oak Residential Hall, Vestibule	Negative

**Data Interpretation:**

- Laboratory results indicate all the SARS-CoV-2 air samples collected on 4/27 and 4/28/2021 were negative.

Attachments:

*Laboratory analysis reports with chain-of-custody*

# *Prestige EnviroMicrobiology, Inc.*

## Analytical Test Report

Client: Omega Environmental Services, Inc., 280 Huyler Street, South Hackensack, NJ 07606

Client Project/Name: 21-1040

Sample date: 4-27-2021

Submittal date: 4-27-2021

Sample received: 4-28-2021

Samples submitted by: Ross Hernandez

Date analysis completed: April 29, 2021

Prestige Report number: 210428-02

RT-PCR 2019-nCoV:

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value <sup>3</sup> (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value <sup>3</sup> (N2 Protein)	Conc. (copies of RNA/L)
210428-02-014 08 Weston Hall, Room 340-350, Office of the Dean/Graduate Admissions	ND	ND	ND	ND	NA

### Presence/Non-Detected Analysis of Air samples for SARS-CoV-2 Genetic Markers

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value <sup>3</sup> (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value <sup>3</sup> (N2 Protein)	Presence/ Non- Detected
210428-02-007 01 Campus Center, 1 <sup>st</sup> Floor Sitting Area	ND	ND	ND	ND	Non-Detected
210428-02-008 02 Cullimore Hall, Room 106	ND	ND	ND	ND	Non-Detected
210428-02-009 03 MEC, Room 224	ND	ND	ND	ND	Non-Detected
210428-02-010 04 GITC, Room 1100	ND	ND	ND	ND	Non-Detected
210428-02-011 05 Kupfrian Hall, Room 207	ND	ND	ND	ND	Non-Detected



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210428-02-012 06 Tiernan Hall, Room 111	ND	ND	ND	ND	Non-Detected
210428-02-013 07 FMH, Room 213	ND	ND	ND	ND	Non-Detected

RT-PCR 2019-nCoV: Quantitative Analysis of Air samples for SARS-CoV-2 Genetic Markers

RT-PCR 2019-nCoV:

Presence/Non-detection Analysis of Swab samples for the SARS-CoV-2 Genetic Markers

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value <sup>3</sup> (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value <sup>3</sup> (N2 Protein)	Presence/ Non- Detected
210428-02-015 01 GITC, Room 1100, Surface of Row 1, Seat 4	ND	ND	ND	ND	Non- Detected
210428-02-016 02 Cullimore Hall, Room 106, Surface of Row 1, Seat 7	ND	ND	ND	ND	Non- Detected
210428-02-017 03 Cullimore Hall, Room 106, Surface of Row 3, Seat 6	ND	ND	ND	ND	Non- Detected
210428-02-018 04 Campus Center, 1 <sup>st</sup> Floor Sitting Area, Surface of ATM, Keyboard	ND	ND	ND	ND	Non- Detected
210428-02-019 05 Campus Center, 1 <sup>st</sup> Floor Sitting Area, Snack Vending Machine, Touch Screen	ND	ND	ND	ND	Non- Detected
210428-02-020 06 Campus Center, 1 <sup>st</sup> Floor Sitting Area, Drinking Vending Machine, Keypad	ND	ND	ND	ND	Non- Detected
210428-02-021 07 Campus Center, 1 <sup>st</sup> Floor Sitting Area, Amazon Locker, Keypad	ND	ND	ND	ND	Non- Detected
210428-02-022 08 Campus Center, 1 <sup>st</sup> Floor Sitting Area, Table 3, Seat 4	ND	ND	ND	ND	Non- Detected

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210428-02-023 09 Campus Center, 1 <sup>st</sup> Floor Sitting Area, Table 6, Seat 1	ND	ND	ND	ND	Non-Detected
210428-02-024 10 Campus Center, 1 <sup>st</sup> Floor Sitting Area, Table 7, Seat 2	ND	ND	ND	ND	Non-Detected
210428-02-031 17 Kupfrian Hall, Room 207, Surface of Row 2, Seat 5	ND	ND	ND	ND	Non-Detected
210428-02-032 18 Kupfrian Hall, Room 207, Surface of Row 3, Seat 1	ND	ND	ND	ND	Non-Detected
210428-02-033 19 Kupfrian Hall, Room 207, Surface of Row 3, Seat 3	ND	ND	ND	ND	Non-Detected
210428-02-034 20 Kupfrian Hall, Room 207, Surface of Row 4, Seat 2	ND	ND	ND	ND	Non-Detected
210428-02-035 21 Kupfrian Hall, Room 207, Surface of Row 4, Seat 5	ND	ND	ND	ND	Non-Detected
210428-02-036 22 FMH, Room 213, Surface of Row 1, Seat 6	ND	ND	ND	ND	Non-Detected
210428-02-037 23 FMH, Room 213, Surface of Row 5, Seat 6	ND	ND	ND	ND	Non-Detected

**RT-PCR 2019-nCoV: Quantitative Analysis of Swab samples for SARS-CoV-2 Genetic Markers**

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value <sup>3</sup> (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value <sup>3</sup> (N2 Protein)	Conc. (copies of RNA/cm <sup>2</sup> )
210428-02-025 11 Weston Hall, Room 340-350, Surface of Desk 2, Right Handle of Chair Armrest	ND	ND	ND	ND	NA

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210428-02-026 12 Weston Hall, Room 340-350, Surface of Desk 2, Computer Keyboard	ND	ND	ND	ND	NA
210428-02-027 13 Weston Hall, Room 340-350, Surface of Desk 2, Computer Mouse	ND	ND	ND	ND	NA
210428-02-028 14 Weston Hall, Room 340-350, Surface of Desk 2, Table Surface	ND	ND	ND	ND	NA
210428-02-029 15 Weston Hall, Room 350A, Microwave Handle	ND	ND	ND	ND	NA
210428-02-030 16 Weston Hall, Room 350A, Refrigerator Handle	ND	ND	ND	ND	NA

Report approved:



Theresa Lehman, MPH, Lab Director

Technical Manager: \_\_\_\_\_



Chin S Yang, Ph.D.

Analyst: Ching-Yi Tsai, Ph.D.

1. The samples in this report were received in good, acceptable conditions. Results relate only to the items tested.
2. The primers and probes in 2019-nCoV CDC EUA Kit are designed for the detection of the two SARS-CoV-2 genes that encode for the N1 and N2 proteins. The kit is manufactured and supplied by Integrated DNA Technologies and approved by the U.S. Centers for Disease Control and Prevention (CDC). Three controls, two positive controls for N proteins and one internal control for the RNA extraction process, are simultaneously run with the samples.
3. Cycle Threshold Value refers to the number of cycles required for the fluorescent signal to cross the detectable threshold in Reverse Transcriptase Polymerase Chain Reaction (RT-PCR); a lower cycle threshold value indicates a higher viral load. 4. ND = not detected, no genetic marker is detected within 40 PCR cycles. NA = not applicable. The detection limit is 10 copies/reaction.
5. Sampling reference: Rahmani, A. R., M. Leili, G. Azarian, A. Poormohammadi. 2020. Sampling and detection of corona viruses in air: A mini review. Science of the Total Environment.  
<https://doi.org/10.1016/j.scitotenv.2020.140207>

# *Prestige EnviroMicrobiology, Inc.*

## **Analytical Test Report**

Client: Omega Environmental Services, Inc., 280 Huyler Street, South Hackensack, NJ 07606

Client Project/Name: 21-1040

Sample date: 4-28-2021

Submittal date: 4-28-2021

Sample received: 4-29-2021

Samples submitted by: Ross Hernandez

Date analysis completed: April 30, 2021

Prestige Report number: 210429-01

RT-PCR 2019-nCoV:

Presence/Non-Detected Analysis of Air samples for SARS-CoV-2 Genetic Markers

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value <sup>3</sup> (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value <sup>3</sup> (N2 Protein)	Presence/ Non- Detected
210429-01-001 09 Honors College Hall, 1 <sup>st</sup> Floor Lobby	ND	ND	ND	ND	Non-Detected
210429-01-002 10 WEC, 2 <sup>nd</sup> Floor Fitness Center	ND	ND	ND	ND	Non-Detected
210429-01-003 11 Redwood Hall, 1 <sup>st</sup> Floor Lobby	ND	ND	ND	ND	Non-Detected
210429-01-004 12 Cypress Hall, 1 <sup>st</sup> Floor Lobby	ND	ND	ND	ND	Non-Detected
210429-01-005 13 Laurel Hall, Vestibule	ND	ND	ND	ND	Non-Detected
210429-01-006 14 Laurel (Ext) Hall, 1 <sup>st</sup> Floor Hallway, Near the Elevator	ND	ND	ND	ND	Non-Detected
210429-01-007 15 Oak Hall, Vestibule	ND	ND	ND	ND	Non-Detected

*Prestige EnviroMicrobiology, Inc.*

RT-PCR 2019-nCoV:

Presence/Non-Detected Analysis of Swab samples for the SARS-CoV-2 Genetic Markers

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value <sup>3</sup> (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value <sup>3</sup> (N2 Protein)	Presence/ Non- Detected
210429-01-008 24 Cypress Hall, 8 <sup>th</sup> Floor Elevator Call Button, Down	ND	ND	ND	ND	Non-Detected
210429-01-009 25 CKB, 3 <sup>rd</sup> Floor Lounge, Surface of Window Bench, Seat 1	ND	ND	ND	ND	Non-Detected
210429-01-010 26 Honors College Hall, 3 <sup>rd</sup> Floor “Down” Elevator Call Button, Down	ND	ND	ND	ND	Non-Detected
210429-01-011 27 Honors College Hall, 5 <sup>th</sup> Floor “Down” Elevator Call Button, Down	ND	ND	ND	ND	Non-Detected
210429-01-012 28 Laurel Hall, 1 <sup>st</sup> Floor Kitchen, Refrigerator Handle	ND	ND	ND	ND	Non-Detected
210429-01-013 29 Oak Hall, 4 <sup>th</sup> Floor Elevator Call Button, Down	ND	ND	ND	ND	Non-Detected
210429-01-014 30 Oak Hall, 7 <sup>th</sup> Floor Elevator Call Button, Down	ND	ND	ND	ND	Non-Detected

Report approved:



Theresa Lehman, MPH, Lab Director

Technical Manager: \_\_\_\_\_



Chin S Yang, Ph.D.

Analyst: Ching-Yi Tsai, Ph.D.

1. The samples in this report were received in good, acceptable conditions. Results relate only to the items tested.

*Prestige EnviroMicrobiology, Inc.*

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Centers for Disease Control and Prevention (CDC). Three controls, two positive controls for N proteins and one internal control for the RNA extraction process, are simultaneously run with the samples.

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<https://doi.org/10.1016/j.scitotenv.2020.140207>