



POST-DISINFECTION CORONAVIRUS-19 FIELD VERIFICATION TESTING REPORT

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: 1/25-1/26/2021

DATE OF REPORT: 1/29/2021

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

{Omega Project#: 21-1040}

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Executive Summary:

On 1/25/2021 and 1/26/2021, Omega Environmental Services conducted representative ATP surface testing and SARS-CoV-2 environmental sampling in the following buildings on the NJIT campus:

- Fenster Hall
- Tiernan Hall
- Electrical and Computer Engineering Center (ECEC)
- York Center, Life Sciences and Engineering Center
- Greek Residence Buildings 1-5
- Honors College Residence Hall
- Weston 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">• 59-out-of-255 representative ATP surface samples collected reported elevated ATP levels (23.1% of samples).• Omega Environmental Services collected SARS-CoV-2 surface samples on 56-out-of-59 representative surfaces with elevated ATP levels, that were not recleaned by NJIT Building Services.
Coronavirus-19 PCR Samples	<ul style="list-style-type: none">• Laboratory results indicate all the SARS-CoV-2 samples collected on 1/25/21 and 1/26/21 were negative.

According to representative ATP surface bacteria data, keyboards, and certain other desk components are most difficult to clean and disinfect. The cleaning Contractor should be advised to apply spray disinfectant with enhanced contact time or use other alternative method(s) to clean these items. The fixture handles and knobs with elevated readings should be more cleanable.

Bio-Load and COVID-19 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 μm 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	01/25/2021 10:05 AM	Fenster Hall	300	Desk Surface	0	105	211	SARS-CoV-2 sample collected.
2	01/25/2021 10:05 AM	Fenster Hall	300	Upper Keyboard Surface	63	105	211	
3	01/25/2021 10:06 AM	Fenster Hall	300	Upper Mouse Surface	18	105	211	
4	01/25/2021 10:06 AM	Fenster Hall	300	Lower Keyboard Surface	139	105	211	SARS-CoV-2 sample collected.
5	01/25/2021 10:07 AM	Fenster Hall	300	Lower Mouse Surface	7	105	211	SARS-CoV-2 sample collected.
6	01/25/2021 10:07 AM	Fenster Hall	300	Door Handle to Conference Room Surface	12	105	211	
7	01/25/2021 10:08 AM	Fenster Hall	300	Door Handle to Office Surface	24	105	211	Office side of the door.
8	01/25/2021 10:08 AM	Fenster Hall	300	Light Switch Surface	6	105	211	
9	01/25/2021 10:09 AM	Fenster Hall	300	Door Handle to Bathroom Surface	0	105	211	Office side of the door.
10	01/25/2021 10:10 AM	Fenster Hall	300	Bathroom Light Switch Surface	3	105	211	
11	01/25/2021 10:10 AM	Fenster Hall	300	Faucet Handle Surface	24	105	211	Cold Knob
12	01/25/2021 10:10 AM	Fenster Hall	300	Faucet Handle Surface	6	105	211	Hot Knob
13	01/25/2021 10:11 AM	Fenster Hall	Conference Room, Room 311	Table Surface	5	105	211	West end of the table.

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
14	01/25/2021 10:11 AM	Fenster Hall	Conference Room, Room 311	Table Surface	6	105	211	South end of the table.
15	01/25/2021 10:12 AM	Fenster Hall	Conference Room, Room 311	Table Surface	16	105	211	East end of the table.
16	01/25/2021 10:12 AM	Fenster Hall	Conference Room, Room 311	Table Surface	31	105	211	North end of the table.
17	01/25/2021 10:13 AM	Fenster Hall	Conference Room, Room 311	Keyboard Surface	26	105	211	
18	01/25/2021 10:13 AM	Fenster Hall	Conference Room, Room 311	Light Switch Surface	8	105	211	
19	01/25/2021 10:14 AM	Fenster Hall	Pantry, Room 322	Refrigerator Handle Surface	14	105	211	
20	01/25/2021 10:14 AM	Fenster Hall	Pantry, Room 322	Faucet Handle Surface	81	105	211	
21	01/25/2021 10:14 AM	Fenster Hall	Pantry, Room 322	Microwave Handle Surface	25	105	211	
22	01/25/2021 10:15 AM	Fenster Hall	314	Desk Surface	24	105	211	
23	01/25/2021 10:15 AM	Fenster Hall	314	Phone Surface	16	105	211	
24	01/25/2021 10:16 AM	Fenster Hall	314	Light Switch Surface	43	105	211	
25	01/25/2021 10:16 AM	Fenster Hall	314	Door Handle Surface	17	105	211	Office side of the door.
26	01/25/2021 10:17 AM	Fenster Hall	325	Keyboard Surface	7	105	211	
27	01/25/2021 10:20 AM	Fenster Hall	325	Mouse Surface	13	105	211	
28	01/25/2021 10:23 AM	Fenster Hall	325	Conference Table, Seat 1 Surface	87	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
29	01/25/2021 10:24 AM	Fenster Hall	325	Conference Table, Seat 2 Surface	120	105	211	SARS-CoV-2 sample collected.
30	01/25/2021 10:25 AM	Fenster Hall	325	Conference Table, Seat 3 Surface	6	105	211	
31	01/25/2021 10:25 AM	Fenster Hall	325	Conference Table, Seat 4 Surface	9	105	211	
32	01/25/2021 10:26 AM	Fenster Hall	325	Conference Table, Seat 5 Surface	13	105	211	
33	01/25/2021 10:27 AM	Fenster Hall	325	Conference Table, Seat 6 Surface	10	105	211	
34	01/25/2021 10:28 AM	Fenster Hall	325	Conference Table, Seat 7 Surface	10	105	211	
35	01/25/2021 10:29 AM	Fenster Hall	325	Conference Table, Seat 8 Surface	59	105	211	
36	01/25/2021 10:30 AM	Fenster Hall	325	Light Switch Surface	13	105	211	
37	01/25/2021 10:30 AM	Fenster Hall	325	Door Handle Surface	9	105	211	
38	01/25/2021 10:31 AM	Fenster Hall	315	Desk Surface	46	105	211	
39	01/25/2021 10:31 AM	Fenster Hall	315	Keyboard Surface	53	105	211	
40	01/25/2021 10:32 AM	Fenster Hall	315	Mouse Surface	96	105	211	
41	01/25/2021 10:32 AM	Fenster Hall	315	Light Switch Surface	5	105	211	
42	01/25/2021 10:32 AM	Fenster Hall	315	Door Handle Surface	6	105	211	
43	01/25/2021 10:36 AM	Fenster Hall	Suite 310	Cubical 1, Desk Surface	129	105	211	
44	01/25/2021 10:37 AM	Fenster Hall	Suite 310	Cubical 1, Keyboard* Surface	243	105	211	SARS-CoV-2 sample collected.
45	01/25/2021 10:38 AM	Fenster Hall	Suite 310	Cubical 1, Mouse Surface	30	105	211	
46	01/25/2021 10:38 AM	Fenster Hall	Suite 310	Cubical 2, Desk Surface	181	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
47	01/25/2021 10:39 AM	Fenster Hall	Suite 310	Cubical 2, Keyboard Surface	91	105	211	
48	01/25/2021 10:39 AM	Fenster Hall	Suite 310	Cubical 2, Mouse Surface	45	105	211	
49	01/25/2021 10:40 AM	Fenster Hall	Suite 310	Cubical 3, Desk Surface	10	105	211	
50	01/25/2021 10:41 AM	Fenster Hall	Suite 310	Cubical 3, Keyboard Surface	15	105	211	SARS-CoV-2 sample collected.
51	01/25/2021 10:41 AM	Fenster Hall	Suite 310	Cubical 3, Mouse Surface	7	105	211	
52	01/25/2021 10:41 AM	Fenster Hall	Suite 310	Cubical 4, Desk* Surface	267	105	211	SARS-CoV-2 sample collected.
53	01/25/2021 10:42 AM	Fenster Hall	Suite 310	Cubical 4, Keyboard Surface	81	105	211	
54	01/25/2021 10:43 AM	Fenster Hall	Suite 310	Cubical 4, Mouse Surface	62	105	211	
55	01/25/2021 10:44 AM	Fenster Hall	Suite 310	Cubical 5, Desk Surface	15	105	211	SARS-CoV-2 sample collected.
56	01/25/2021 10:44 AM	Fenster Hall	Suite 310	Cubical 5, Keyboard Surface	12	105	211	
57	01/25/2021 10:45 AM	Fenster Hall	Suite 310	Cubical 5, Mouse Surface	15	105	211	
58	01/25/2021 10:45 AM	Fenster Hall	Suite 310	Cubical 6, Desk Surface	20	105	211	
59	01/25/2021 10:46 AM	Fenster Hall	Suite 310	Cubical 6, Keyboard Surface	7	105	211	
60	01/25/2021 10:46 AM	Fenster Hall	Suite 310	Cubical 6, Mouse Surface	6	105	211	
61	01/25/2021 11:20 AM	Tiernan Hall	Pantry Room 150B	Faucet Handle* Surface	425	105	211	SARS-CoV-2 sample collected.
62	01/25/2021 11:21 AM	Tiernan Hall	Pantry Room 150B	Microwave, Interface* Surface	738	105	211	SARS-CoV-2 sample collected.

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
63	01/25/2021 11:21 AM	Tiernan Hall	Pantry Room 150B	Printer, Interface Surface	65	105	211	
64	01/25/2021 11:22 AM	Tiernan Hall	Pantry Room 150B	Light Switch Surface	23	105	211	
65	01/25/2021 11:22 AM	Tiernan Hall	Suite 150, Front Desk	Desk Surface	48	105	211	
66	01/25/2021 11:23 AM	Tiernan Hall	Suite 150, Front Desk	Keyboard Surface	45	105	211	
67	01/25/2021 11:23 AM	Tiernan Hall	Suite 150, Front Desk	Mouse Surface	47	105	211	
68	01/25/2021 11:23 AM	Tiernan Hall	150H	Desk* Surface	376	105	211	SARS-CoV-2 sample collected.
69	01/25/2021 11:24 AM	Tiernan Hall	150H	Keyboard Surface	176	105	211	
70	01/25/2021 11:25 AM	Tiernan Hall	150H	Mouse Surface	68	105	211	
71	01/25/2021 11:25 AM	Tiernan Hall	150T	Desk Surface	14	105	211	
72	01/25/2021 11:26 AM	Tiernan Hall	150T	Keyboard Surface	7	105	211	
73	01/25/2021 11:27 AM	Tiernan Hall	150T	Mouse* Surface	1,283	105	211	SARS-CoV-2 sample collected.
74	01/25/2021 11:27 AM	Tiernan Hall	150G	Desk* Surface	269	105	211	
75	01/25/2021 11:28 AM	Tiernan Hall	150G	Keyboard* Surface	945	105	211	
76	01/25/2021 11:28 AM	Tiernan Hall	150G	Mouse Surface	51	105	211	
77	01/25/2021 11:29 AM	Tiernan Hall	150E	Desk Surface	189	105	211	
78	01/25/2021 11:29 AM	Tiernan Hall	150E	Keyboard Surface	205	105	211	
79	01/25/2021 11:30 AM	Tiernan Hall	150E	Mouse Trackpad* Surface	6,991	105	211	SARS-CoV-2 sample collected.

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
80	01/25/2021 11:31 AM	Tiernan Hall	150D	Conference Table, Seat 1* Surface	4,012	105	211	SARS-CoV-2 sample collected.
81	01/25/2021 11:32 AM	Tiernan Hall	150D	Conference Table, Seat 3* Surface	271	105	211	
82	01/25/2021 11:33 AM	Tiernan Hall	150D	Conference Table, Seat 4 Surface	40	105	211	
83	01/25/2021 11:34 AM	Tiernan Hall	150D	Conference Table, Seat 5 Surface	7	105	211	
84	01/25/2021 11:34 AM	Tiernan Hall	150D	Conference Table, Seat 7 Surface	9	105	211	
85	01/25/2021 11:35 AM	Tiernan Hall	150D	Conference Table, Seat 10 Surface	3	105	211	
86	01/25/2021 11:35 AM	Tiernan Hall	150D	Conference Table, Seat 11* Surface	991	105	211	
87	01/25/2021 11:36 AM	Tiernan Hall	150D	Light Switch Surface	69	105	211	
88	01/25/2021 11:36 AM	Tiernan Hall	150D	Door Handle* Surface	914	105	211	Conference Room side of the door.
89	01/25/2021 12:15 PM	ECEC	200	Desk 1 Surface	107	105	211	
90	01/25/2021 12:15 PM	ECEC	200	Desk 1, Keyboard Surface	112	105	211	
91	01/25/2021 12:16 PM	ECEC	200	Desk 1, Mouse Surface	127	105	211	
92	01/25/2021 12:17 PM	ECEC	200	Desk 2 Surface	90	105	211	
93	01/25/2021 12:17 PM	ECEC	200	Desk 2, Keyboard Surface	82	105	211	
94	01/25/2021 12:18 PM	ECEC	200	Desk 2, Mouse* Surface	227	105	211	SARS-CoV-2 sample collected.
95	01/25/2021 12:18 PM	ECEC	200	Desk 5 Surface	95	105	211	
96	01/25/2021 12:19 PM	ECEC	200	Desk 5, Keyboard Surface	10	105	211	
97	01/25/2021 12:20 PM	ECEC	200	Desk 5, Mouse Surface	32	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
98	01/25/2021 12:20 PM	ECEC	200	Surface of Door Handle to Room 237	16	105	211	Lobby side of the door.
99	01/25/2021 12:21 PM	ECEC	200	Surface of Door Handle to Room 235	10	105	211	Lobby side of the door.
100	01/25/2021 12:21 PM	ECEC	200	Surface of Door Handle to Room 233	64	105	211	Lobby side of the door.
101	01/25/2021 12:22 PM	ECEC	200	Surface of Door Handle to Room 231	41	105	211	Lobby side of the door.
102	01/25/2021 12:22 PM	ECEC	200	Surface of Door Handle to Room 225	87	105	211	Lobby side of the door.
103	01/25/2021 12:22 PM	ECEC	200	Surface of Door Handle to Room 223	8	105	211	Lobby side of the door.
104	01/25/2021 12:23 PM	ECEC	200	Surface of Door Handle to Room 221	21	105	211	Lobby side of the door.
105	01/25/2021 12:40 PM	ECEC	112	Surface of Stall 1, Lock	134	105	211	
106	01/25/2021 12:41 PM	ECEC	112	Surface of Stall 3, Lock	34	105	211	
107	01/25/2021 12:44 PM	ECEC	112	Surface of Right Faucet, Hot Knob*	280	105	211	SARS-CoV-2 sample collected.
108	01/25/2021 12:44 PM	ECEC	112	Surface of Right Faucet, Cold Knob	184	105	211	
109	01/25/2021 12:45 PM	ECEC	112	Surface of Door Handle	73	105	211	Bathroom side of the door.
110	01/25/2021 12:47 PM	ECEC	115	Surface of Row 1, Seat 1	5	105	211	
111	01/25/2021 12:47 PM	ECEC	115	Surface of Row 1, Seat 2	4	105	211	
112	01/25/2021 12:49 PM	ECEC	115	Surface of Row 1, Seat 6	31	105	211	
113	01/25/2021 12:49 PM	ECEC	115	Surface of Row 1, Seat 7	32	105	211	
114	01/25/2021 12:51 PM	ECEC	115	Surface of Row 1, Seat 10	12	105	211	
115	01/25/2021 12:51 PM	ECEC	115	Surface of Row 1, Seat 11	10	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
116	01/25/2021 12:51 PM	ECEC	115	Surface of Row 2, Seat 3	3	105	211	
117	01/25/2021 12:52 PM	ECEC	115	Surface of Row 2, Seat 4	11	105	211	
118	01/25/2021 12:53 PM	ECEC	115	Surface of Row 2, Seat 8	10	105	211	
119	01/25/2021 12:53 PM	ECEC	115	Surface of Row 2, Seat 9	11	105	211	
120	01/25/2021 12:53 PM	ECEC	115	Surface of Row 2, Seat 11	18	105	211	
121	01/25/2021 12:54 PM	ECEC	115	Surface of Row 2, Seat 12	4	105	211	
122	01/25/2021 12:55 PM	ECEC	115	Surface of Row 3, Seat 2	9	105	211	
123	01/25/2021 12:55 PM	ECEC	115	Surface of Row 3, Seat 4	19	105	211	
124	01/25/2021 12:56 PM	ECEC	115	Surface of Row 3, Seat 6	11	105	211	
125	01/25/2021 12:56 PM	ECEC	115	Surface of Row 3, Seat 8	11	105	211	
126	01/25/2021 12:56 PM	ECEC	115	Surface of Row 3, Seat 10	4	105	211	
127	01/25/2021 12:57 PM	ECEC	115	Surface of Row 3, Seat 12	7	105	211	
128	01/25/2021 12:57 PM	ECEC	115	Surface of Door Handle	35	105	211	Classroom side of the door.
129	01/25/2021 12:58 PM	ECEC	115	Surface of Middle Light Switch	16	105	211	
130	01/25/2021 02:39 PM	York Center	310	Surface of Desk 1	101	105	211	
131	01/25/2021 02:39 PM	York Center	310	Surface of Desk 3	114	105	211	
132	01/25/2021 02:40 PM	York Center	310	Surface of Desk 4	71	105	211	
133	01/25/2021 02:40 PM	York Center	310	Surface of Desk 7	94	105	211	

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
134	01/25/2021 02:40 PM	York Center	310	Surface of Desk 8	148	105	211	
135	01/25/2021 02:41 PM	York Center	310	Surface of White Refrigerator, Handle*	363	105	211	SARS-CoV-2 sample collected.
136	01/25/2021 02:41 PM	York Center	310	Surface of Grey Refrigerator, Handle	130	105	211	
137	01/25/2021 02:41 PM	York Center	310	Surface of Microwave Handle*	252	105	211	SARS-CoV-2 sample collected.
138	01/25/2021 02:42 PM	York Center	310	Surface of Keurig, Interface*	389	105	211	SARS-CoV-2 sample collected.
139	01/25/2021 02:43 PM	York Center	310	Surface of Light Switch	16	105	211	
140	01/25/2021 03:07 PM	LSEC	301	Surface of Desk 1	25	105	211	
141	01/25/2021 03:07 PM	LSEC	301	Surface of Desk 1, Keyboard	29	105	211	
142	01/25/2021 03:07 PM	LSEC	301	Surface of Desk 1, Mouse	10	105	211	
143	01/25/2021 03:08 PM	LSEC	301	Surface of Desk with Hood Sash, Right Side	21	105	211	
144	01/25/2021 03:08 PM	LSEC	301	Surface of Hood Sash, Central Panel	4	105	211	
145	01/25/2021 03:09 PM	LSEC	301	Surface of Desk with Hood Sash, Left Side	9			
146	01/25/2021 03:09 PM	LSEC	301	Surface of Hood Sash, Lower Left Panel	24	105	211	
147	01/25/2021 03:10 PM	LSEC	301	Surface of Optical Table	163	105	211	
148	01/25/2021 03:10 PM	LSEC	301	Surface of Auto-Clave Interface	35	105	211	
149	01/25/2021 03:11 PM	LSEC	301	Surface of Auto-Clave Latch	24	105	211	
150	01/25/2021 03:11 PM	LSEC	301	Surface of Door Handle*	263	105	211	Laboratory side of the door. SARS-CoV-2 sample collected.

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
151	01/25/2021 03:21 PM	York Center	200	Surface of Table 1	11	105	211	
152	01/25/2021 03:21 PM	York Center	200	Surface of Table 1, Keyboard	21	105	211	
153	01/25/2021 03:22 PM	York Center	200	Surface of Table 1, Mouse	16	105	211	
154	01/25/2021 03:22 PM	York Center	200	Surface of Table 2	90	105	211	
155	01/25/2021 03:22 PM	York Center	200	Surface of Table 2, Keyboard	18	105	211	
156	01/25/2021 03:24 PM	York Center	200	Surface of Table 2, Mouse	167	105	211	
157	01/25/2021 03:24 PM	York Center	200	Surface of Dimension Icon Handle	26	105	211	
158	01/25/2021 03:25 PM	York Center	200	Surface of Table 3	18	105	211	
159	01/25/2021 03:25 PM	York Center	200	Surface of Light Switch	17	105	211	
160	01/25/2021 03:26 PM	York Center	200	Surface of Door Handle	101	105	211	Laboratory side of the door.
161	01/26/2021 08:55 AM	Greek House Delta Fie Epsilon	Outside	Surface of Door Handle to Lobby*	1,885	105	211	Courtyard side of the door. SARS-CoV-2 sample collected.
162	01/26/2021 08:56 AM	Greek House Alpha Sigma Epsilon	Outside	Surface of Door Handle to Lobby*	865	105	211	Courtyard side of the door. SARS-CoV-2 sample collected.
163	01/26/2021 08:56 AM	Greek House Sigma Pi	Outside	Surface of Door Handle to Lobby*	1,454	105	211	Courtyard side of the door. SARS-CoV-2 sample collected.
164	01/26/2021 08:57 AM	Greek House Delta Epsilon Psi	Outside	Surface of Door Handle to Lobby*	716	105	211	Courtyard side of the door. SARS-CoV-2 sample collected.
165	01/26/2021 08:57 AM	Greek House Sigma Alpha Epsilon	Outside	Surface of Door Handle to Lobby	55	105	211	Courtyard side of the door.

Test No.	Date	Building	Room	Surface	RLU Result	Lower Control Limit	Upper Control Limit	Notes
166	01/26/2021 08:58 AM	Greek House Kappa Chi Kappa	Outside	Surface of Door Handle to Lobby*	231	105	211	Courtyard side of the door. SARS-CoV-2 sample collected.
167	01/26/2021 08:58 AM	Greek House Tau Delta Phi	Outside	Surface of Door Handle to Lobby*	278	105	211	Courtyard side of the door. SARS-CoV-2 sample collected.
168	01/26/2021 08:58 AM	Greek House Phi Epsilon Kappa	Outside	Surface of Door Handle to Lobby	160	105	211	Courtyard side of the door.
169	01/26/2021 08:59 AM	Greek House Alpha Sigma Tau	Outside	Surface of Door Handle to Lobby	6	105	211	Courtyard side of the door.
170	01/26/2021 08:59 AM	Greek House Pi Kappa Phi	Outside	Surface of Door Handle to Lobby	18	105	211	Courtyard side of the door.
171	01/26/2021 09:02 AM	Honors College Residence Hall	1 st Floor Kitchen	Surface of Refrigerator Handle	64	105	211	
172	01/26/2021 09:02 AM	Honors College Residence Hall	1 st Floor Kitchen	Surface of Freezer Handle	48	105	211	
173	01/26/2021 09:03 AM	Honors College Residence Hall	1 st Floor Kitchen	Surface of Microwave Handle	3	105	211	
174	01/26/2021 09:04 AM	Honors College Residence Hall	1 st Floor Kitchen	Surface of Faucet Handle	129	105	211	
175	01/26/2021 09:05 AM	Honors College Residence Hall	1 st Floor Kitchen	Door Handle to Lobby	94	105	211	Kitchen side of the door.

176	01/26/2021 09:16 AM	Honors College Residence Hall	111	Door Handle to "Up" Elevator Lobby*	646	105	211	Lobby side of the door. SARS-CoV-2 sample collected.
177	01/26/2021 09:16 AM	Honors College Residence Hall	111	1 st Floor "Up" Elevator Call Button, Up*	294	105	211	SARS-CoV-2 sample collected.
178	01/26/2021 09:17 AM	Honors College Residence Hall	111	1 st Floor Door Handle to Stairs*	888	105	211	Elevator Lobby Room 111 side of the door. SARS-CoV-2 sample collected.
179	01/26/2021 09:17 AM	Honors College Residence Hall	2 nd Floor Hallway	2 nd Floor "Up" Elevator Call Button, Down*	1,298	105	211	Elevator Lobby Room 111 side of the building. SARS- CoV-2 sample collected.
180	01/26/2021 09:18 AM	Honors College Residence Hall	2 nd Floor Hallway	2 nd Floor Door Push Bar to Stairs	94	105	211	Elevator Lobby Room 111 side of the building. Lobby side of the door.
181	01/26/2021 09:32 AM	Honors College Residence Hall	3 rd Floor Hallway	3 rd Floor "Up" Elevator Call Button, Down*	992	105	211	Elevator Lobby Room 111 side of the building. SARS- CoV-2 sample collected.
182	01/26/2021 09:33 AM	Honors College Residence Hall	3 rd Floor Hallway	3 rd Floor Door Push Bar to Stairs*	917	105	211	Elevator Lobby Room 111 side of the building. Lobby side of the door. SARS-CoV-2 sample collected.
183	01/26/2021 09:33 AM	Honors College Residence Hall	Lounge 318	Surface of Microwave Handle*	1,118	105	211	SARS-CoV-2 sample collected.
184	01/26/2021 09:34 AM	Honors College Residence Hall	Lounge 318	Surface of Faucet Hot Knob*	2,473	105	211	SARS-CoV-2 sample collected.
185	01/26/2021 09:34 AM	Honors College Residence Hall	Lounge 318	Surface of Faucet Cold Knob*	372	105	211	SARS-CoV-2 sample collected.

186	01/26/2021 09:47 AM	Honors College Residence Hall	4 th Floor Hallway	4 th Floor “Up” Elevator Call Button, Down*	750	105	211	Elevator Lobby Room 111 side of the building. SARS- CoV-2 sample collected
187	01/26/2021 09:48 AM	Honors College Residence Hall	4 th Floor Hallway	4 th Floor Door Push Bar to Stairs*	428	105	211	Elevator Lobby Room 111 side of the building. Lobby side of the door. SARS-CoV-2 sample collected
188	01/26/2021 09:48 AM	Honors College Residence Hall	Lounge 418	Surface of Microwave Handle*	901	105	211	SARS-CoV-2 sample collected.
189	01/26/2021 09:49 AM	Honors College Residence Hall	Lounge 418	Surface of Faucet Handle, Cold Knob*	383	105	211	SARS-CoV-2 sample collected.
190	01/26/2021 10:07 AM	Honors College Residence Hall	5 th Floor Hallway	5 th Floor “Up” Elevator Call Button, Down*	623	105	211	Elevator Lobby Room 111 side of the building. SARS- CoV-2 sample collected.
191	01/26/2021 10:07 AM	Honors College Residence Hall	5 th Floor Hallway	5 th Floor Door Push Bar to Stairs	182	105	211	Elevator Lobby Room 111 side of the building. Lobby side of the door.
192	01/26/2021 10:08 AM	Honors College Residence Hall	Lounge 518	Surface of Microwave Handle	31	105	211	
193	01/26/2021 10:08 AM	Honors College Residence Hall	Lounge 518	Surface of Faucet Handle, Cold Knob	24	105	211	
194	01/26/2021 10:17 AM	Honors College Residence Hall	6 th Floor Hallway	6 th Floor “Up” Elevator Call Button, Down*	295	105	211	Elevator Lobby Room 111 side of the building. SARS- CoV-2 sample collected.
195	01/26/2021 10:18 AM	Honors College Residence Hall	6 th Floor Hallway	6 th Floor Door Push Bar to Stairs	145	105	211	Elevator Lobby Room 111 side of the building. Lobby side of the door.

196	01/26/2021 10:18 AM	Honors College Residence Hall	Lounge 618	Surface of Microwave Handle*	307	105	211	SARS-CoV-2 sample collected.
197	01/26/2021 10:19 AM	Honors College Residence Hall	Lounge 618	Surface of Faucet Handle, Cold Knob	108	105	211	
198	01/26/2021 10:28 AM	Honors College Residence Hall	105	Door Handle to “Down” Elevator Lobby*	1,483	105	211	Elevator Lobby 105 side of the door. SARS-CoV-2 sample collected.
199	01/26/2021 10:29 AM	Honors College Residence Hall	105	1 st Floor “Down” Elevator Call Button, Up*	217	105	211	SARS-CoV-2 sample collected.
200	01/26/2021 10:29 AM	Honors College Residence Hall	105	1 st Floor Door Push Bar to Stairs*	444	105	211	Stairwell side of the door. SARS-CoV-2 sample collected.
201	01/26/2021 10:50 AM	Honors College Residence Hall	2 nd Floor Hallway	2 nd Floor “Down” Elevator Call Button, Down*	326	105	211	Elevator Lobby Room 105 side of the building. SARS- CoV-2 sample collected.
202	01/26/2021 10:51 AM	Honors College Residence Hall	2 nd Floor Hallway	2 nd Floor Door Push Bar to Stairs*	261	105	211	Elevator Lobby Room 105 side of the building. Lobby side of the door. SARS-CoV-2 sample collected.
203	01/26/2021 11:06 AM	Honors College Residence Hall	3 rd Floor Hallway	3 rd Floor “Down” Elevator Call Button, Down*	360	105	211	Elevator Lobby Room 105 side of the building. SARS- CoV-2 sample collected.
204	01/26/2021 11:06 AM	Honors College Residence Hall	3 rd Floor Hallway	3 rd Floor Door Push Bar to Stairs*	973	105	211	Elevator Lobby Room 105 side of the building. Lobby side of the door. SARS-CoV-2 sample collected.
205	01/26/2021 11:07 AM	Honors College Residence Hall	Lounge 337	Surface of Microwave Handle	85	105	211	

206	01/26/2021 11:07 AM	Honors College Residence Hall	Lounge 337	Surface of Faucet Handle, Cold Knob	110	105	211	
207	01/26/2021 11:14 AM	Honors College Residence Hall	4 th Floor Hallway	4 th Floor “Down” Elevator Call Button, Down*	2,327	105	211	Elevator Lobby Room 105 side of the building. SARS- CoV-2 sample collected.
208	01/26/2021 11:14 AM	Honors College Residence Hall	4 th Floor Hallway	4 th Floor Door Push Bar to Stairs*	347	105	211	Elevator Lobby Room 105 side of the building. Lobby side of the door.
209	01/26/2021 11:15 AM	Honors College Residence Hall	Lounge 437	Surface of Microwave Handle*	1,450	105	211	SARS-CoV-2 sample collected.
210	01/26/2021 11:15 AM	Honors College Residence Hall	Lounge 437	Surface of Faucet Handle, Cold Knob	25	105	211	
211	01/26/2021 11:21 AM	Honors College Residence Hall	5 th Floor Hallway	5 th Floor “Down” Elevator Call Button, Down*	1,509	105	211	Elevator Lobby Room 105 side of the building. SARS- CoV-2 sample collected.
212	01/26/2021 11:21 AM	Honors College Residence Hall	5 th Floor Hallway	5 th Floor Door Push Bar to Stairs*	499	105	211	Elevator Lobby Room 105 side of the building. Lobby side of the door.
213	01/26/2021 11:22 AM	Honors College Residence Hall	Lounge 537	Surface of Microwave Handle*	696	105	211	
214	01/26/2021 11:22 AM	Honors College Residence Hall	Lounge 537	Surface of Faucet Handle, Cold Knob*	7,123	105	211	SARS-CoV-2 sample collected.
215	01/26/2021 11:29 AM	Honors College Residence Hall	6 th Floor Hallway	6 th Floor “Down” Elevator Call Button, Down*	494	105	211	

216	01/26/2021 11:30 AM	Honors College Residence Hall	6 th Floor Hallway	6 th Floor Door Push Bar to Stairs	200	105	211	Elevator Lobby Room 105 side of the building. Lobby side of the door.
217	01/26/2021 11:30 AM	Honors College Residence Hall	Lounge 637	Surface of Microwave Handle*	952	105	211	SARS-CoV-2 sample collected.
218	01/26/2021 11:31 AM	Honors College Residence Hall	Lounge 637	Surface of Faucet Handle, Cold Knob*	895	105	211	SARS-CoV-2 sample collected.
219	01/26/2021 01:35 PM	Weston Hall	4 th Floor Library	Surface of Printer 1, Touch Screen Display	53	105	211	
220	01/26/2021 01:36 PM	Weston Hall	4 th Floor Library	Surface of Table 1	7	105	211	
221	01/26/2021 01:37 PM	Weston Hall	4 th Floor Library	Surface of Table 2	11	105	211	
222	01/26/2021 01:37 PM	Weston Hall	4 th Floor Library	Surface of Table 3*	251	105	211	SARS-CoV-2 sample collected.
223	01/26/2021 01:38 PM	Weston Hall	4 th Floor Library	Surface of Table 4, Seat 1	12	105	211	
224	01/26/2021 01:38 PM	Weston Hall	4 th Floor Library	Surface of Table 5, Seat 2	5	105	211	
225	01/26/2021 01:39 PM	Weston Hall	4 th Floor Library	Surface of Table 6, Seat 2	8	105	211	
226	01/26/2021 01:39 PM	Weston Hall	4 th Floor Library	Surface of Table 6, Seat 3	4	105	211	
227	01/26/2021 01:39 PM	Weston Hall	4 th Floor Library	Surface of Table 7, Seat 1	2	105	211	
228	01/26/2021 01:40 PM	Weston Hall	4 th Floor Library	Surface of Table 7, Seat 3	3	105	211	
229	01/26/2021 01:40 PM	Weston Hall	4 th Floor Library	Surface of Table 8	4	105	211	
230	01/26/2021 01:41 PM	Weston Hall	4 th Floor Library	Surface of Table 9	16	105	211	
231	01/26/2021 01:41 PM	Weston Hall	4 th Floor Library	Surface of Table 10, Seat 1	3	105	211	
232	01/26/2021 01:41 PM	Weston Hall	4 th Floor Library	Surface of Table 10, Seat 4	2	105	211	

233	01/26/2021 01:42 PM	Weston Hall	4 th Floor Library	Surface of Table 11, Seat 2	0	105	211	
234	01/26/2021 01:42 PM	Weston Hall	4 th Floor Library	Surface of Table 11, Seat 3	3	105	211	
235	01/26/2021 01:43 PM	Weston Hall	4 th Floor Library	Surface of Table 12, Seat 1	7	105	211	
236	01/26/2021 01:43 PM	Weston Hall	4 th Floor Library	Surface of Table 12, Seat 4	12	105	211	
237	01/26/2021 01:44 PM	Weston Hall	4 th Floor Library	Surface of Table 13, Seat 2	135	105	211	
238	01/26/2021 01:44 PM	Weston Hall	4 th Floor Library	Surface of Table 13, Seat 3	8	105	211	
239	01/26/2021 01:48 PM	Weston Hall	4 th Floor Library	Surface of Table 14, Seat 2	8	105	211	
240	01/26/2021 01:48 PM	Weston Hall	4 th Floor Library	Surface of Table 15, Seat 3	21	105	211	
241	01/26/2021 01:49 PM	Weston Hall	4 th Floor Library	Surface of Table 16, Computer Keyboard	18	105	211	
242	01/26/2021 01:49 PM	Weston Hall	4 th Floor Library	Surface of Table 17, Seat 1	115	105	211	
243	01/26/2021 01:50 PM	Weston Hall	4 th Floor Library	Surface of Table 18, Computer Keyboard	11	105	211	
244	01/26/2021 01:50 PM	Weston Hall	4 th Floor Library	Surface of Window Bench, Seat 1	33	105	211	
245	01/26/2021 01:51 PM	Weston Hall	4 th Floor Library	Surface of Window Bench, Seat 4	49	105	211	
246	01/26/2021 01:51 PM	Weston Hall	4 th Floor Library	Surface of Window Bench, Seat 8	36	105	211	
247	01/26/2021 01:53 PM	Weston Hall	4 th Floor Library	Surface of Oval Table, Seat 4	4	105	211	
248	01/26/2021 01:53 PM	Weston Hall	4 th Floor Library	Surface of Oval Table, Seat 7	8	105	211	
249	01/26/2021 01:54 PM	Weston Hall	4 th Floor Library	Surface of Oval Table, Seat 10	2	105	211	
250	01/26/2021 01:54 PM	Weston Hall	4 th Floor Library	Surface of Oval Table, Seat 13	11	105	211	
251	01/26/2021 01:54 PM	Weston Hall	4 th Floor Library	Surface of Oval Table, Seat 15	29	105	211	
252	01/26/2021 01:59 PM	Weston Hall	4 th Floor Library	Surface of Computer COAD- WLIB-01, Mouse	54	105	211	

253	01/26/2021 01:59 PM	Weston Hall	4 th Floor Library	Surface of Computer COAD- WLIB-04, Keyboard	17	105	211	
254	01/26/2021 02:00 PM	Weston Hall	4 th Floor Library	Surface of Computer COAD- WLIB-06, Mouse	9	105	211	
255	01/26/2021 02:00 PM	Weston Hall	4 th Floor Library	Surface of Computer COAD- WLIB-09, Keyboard	103	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:

- 59-out-of-255 representative ATP surface samples collected reported elevated ATP levels (23.1% of samples).
- Omega Environmental Services collected SARS-CoV-2 surface samples on 56-out-of-59 representative surfaces with elevated ATP levels, that were not re-cleaned by NJIT Building Services.

Surface SARS-CoV-2 Swab Data: 1/25 – 1/26/2021

Sample No.	SARS-CoV-2 Swab Sample Locations	Result (Positive/Negative)
1	Fenster Hall, Room 300, Surface of Lower Computer Keyboard	Negative
2	Fenster Hall, Room 300, Surface of Lower Computer Mouse	Negative
3	Fenster Hall, Room 300, Surface of Desk	Negative
4	Fenster Hall, Room 325, Surface of Conference Table, Seat 2	Negative
5	Fenster Hall, Suite 310, Surface of Cubical 1, Computer Keyboard	Negative
6	Fenster Hall, Suite 310, Surface of Cubical 3, Computer Keyboard	Negative
7	Fenster Hall, Suite 310, Surface of Cubical 4, Desk Surface	Negative
8	Fenster Hall, Suite 310, Surface of Cubical 5, Desk Surface	Negative
9	Tiernan Hall, Room 150B, Surface of Faucet Handle	Negative
10	Tiernan Hall, Room 150B, Surface of Microwave Interface	Negative
11	Tiernan Hall, Room 150H, Surface of Desk	Negative
12	Tiernan Hall, Room 150T, Surface of Computer Mouse	Negative
13	Tiernan Hall, Room 150E, Surface of Computer Mouse Trackpad	Negative
14	Tiernan Hall, Room 150D, Surface of Conference Table, Seat 1	Negative
15	Electrical and Computer Engineering Center (ECEC), Room 200, Surface of Desk 2, Computer Mouse	Negative
16	Electrical and Computer Engineering Center (ECEC), Room 112, Surface of Faucet Handle, Hot Knob	Negative
17	York Center, Room 310, Surface of White Refrigerator Handle	Negative
18	York Center, Room 310, Surface of Microwave Handle	Negative
19	York Center, Room 310, Surface of Keurig Interface	Negative
20	Life Sciences and Engineering Center (LSEC), Surface of Door Handle, Laboratory Side of the Door	Negative
21	Greek House Delta Fie Epsilon, Surface of Outside Door Handle to Lobby, Courtyard Side of the Door	Negative
22	Greek House Alpha Sigma Epsilon, Surface of Outside Door Handle to Lobby, Courtyard Side of the Door	Negative
23	Greek House Sigma Pi, Surface of Outside Door Handle to Lobby, Courtyard Side of the Door	Negative
24	Greek House Delta Epsilon Psi, Surface of Outside Door Handle to Lobby, Courtyard Side of the Door	Negative
25	Greek House Kappa Chi Kappa, Surface of Outside Door Handle to Lobby, Courtyard Side of the Door	Negative
26	Greek House Tau Delta Phi, Surface of Outside Door Handle to Lobby, Courtyard Side of the Door	Negative
27	Honors College Residence Hall, Elevator Lobby Room 111, Door Handle to “Up” Elevator, Lobby Side of the Door	Negative
28	Honors College Residence Hall, 1 st Floor “Up” Elevator Call Button, Up	Negative
29	Honors College Residence Hall, Elevator Lobby Room 111, Door Handle to Stairwell, Elevator Side of the Door	Negative
30	Honors College Residence Hall, 2 nd Floor “Up” Elevator Call Button, Down	Negative
31	Honors College Residence Hall, 3 rd Floor “Up” Elevator Call Button, Down	Negative
32	Honors College Residence Hall, 3 rd Floor Door Push Bar to Stairs, “Up” Elevator Side of the Building, Lobby Side of the Door	Negative
33	Honors College Residence Hall, Lounge 318, Surface of Microwave Handle	Negative
34	Honors College Residence Hall, Lounge 318, Surface of Faucet Handle, Hot Knob	Negative
35	Honors College Residence Hall, Lounge 318, Surface of Faucet Handle, Cold Knob	Negative
36	Honors College Residence Hall, 4 th Floor “Up” Elevator Call Button, Down	Negative

37	Honors College Residence Hall, 4 th Floor Door Push Bar to Stairs, “Up” Elevator Side of the Building, Lobby Side of the Door	Negative
38	Honors College Residence Hall, Lounge 418, Surface of Microwave Handle	Negative
39	Honors College Residence Hall, Lounge 418, Surface of Faucet Handle, Cold Knob	Negative
40	Honors College Residence Hall, 5 th Floor “Up” Elevator Call Button, Down	Negative
41	Honors College Residence Hall, 6 th Floor “Up” Elevator Call Button, Down	Negative
42	Honors College Residence Hall, Lounge 618, Surface of Microwave Handle	Negative
43	Honors College Residence Hall, Elevator Lobby Room 105, Door Handle to “Down” Elevator, Elevator Side of the Door	Negative
44	Honors College Residence Hall, 1 st Floor “Down” Elevator Call Button, Up	Negative
45	Honors College Residence Hall, Elevator Lobby Room 105, Door Push Bar to Stairwell, Stairwell Side of the Door	Negative
46	Honors College Residence Hall, 2 nd Floor “Down” Elevator Call Button, Down	Negative
47	Honors College Residence Hall, 2 nd Floor Door Push Bar to Stairs, “Down” Elevator Side of the Building, Lobby Side of the Door	Negative
48	Honors College Residence Hall, 3 rd Floor “Down” Elevator Call Button, Down	Negative
49	Honors College Residence Hall, 3 rd Floor Door Push Bar to Stairs, “Down” Elevator Side of the Building, Lobby Side of the Door	Negative
50	Honors College Residence Hall, 4 th Floor “Down” Elevator Call Button, Down	Negative
51	Honors College Residence Hall, Lounge 437, Surface of Microwave Handle	Negative
52	Honors College Residence Hall, 5 th Floor “Down” Elevator Call Button, Down	Negative
53	Honors College Residence Hall, Lounge 537, Surface of Faucet Handle, Cold Knob	Negative
54	Honors College Residence Hall, Lounge 637, Surface of Microwave Handle	Negative
55	Honors College Residence Hall, Lounge 637, Surface of Faucet Handle, Cold Knob	Negative
56	Weston Hall, 4 th Floor Library, Surface of Table 3	Negative

SARS-CoV-2 Air Sample Data: 1/25 – 1/26/2021

Sample No.	SARS-CoV-2 Air Sample Locations	Result (Positive/Negative)
1	Fenster Hall, Suite 310, Lobby	Negative
2	Tiernan Hall, Suite 150, Lobby	Negative
3	Electrical and Computer Engineering Center (ECEC), Room 200, Lobby	Negative
4	Electrical and Computer Engineering Center (ECEC), Room 115	Negative
5	Honors College Residence Hall, Elevator Lobby Room 111	Negative
6	Honors College Residence Hall, 2 nd Floor Hallway, Near the “Up” Elevator	Negative
7	Honors College Residence Hall, 3 rd Floor Hallway, Near the “Up” Elevator	Negative
8	Honors College Residence Hall, 4 th Floor Hallway, Near the “Up” Elevator	Negative
9	Honors College Residence Hall, 5 th Floor Hallway, Near the “Up” Elevator	Negative
10	Honors College Residence Hall, 6 th Floor Hallway, Near the “Up” Elevator	Negative
11	Honors College Residence Hall, Elevator Lobby Room 105	Negative
12	Honors College Residence Hall, 2 nd Floor Hallway, Near the “Down” Elevator	Negative
13	Honors College Residence Hall, 3 rd Floor Hallway, Near the “Down” Elevator	Negative
14	Honors College Residence Hall, 4 th Floor Hallway, Near the “Down” Elevator	Negative
15	Honors College Residence Hall, 5 th Floor Hallway, Near the “Down” Elevator	Negative
16	Honors College Residence Hall, 6 th Floor Hallway, Near the “Down” Elevator	Negative

Data Interpretation:

- Laboratory results indicate all the SARS-CoV-2 samples collected on 1/25 and 1/26/2021 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: 1-25-2021

Submittal date: 1-25-2021

Sample received: 1-26-2021

Samples submitted by: Ross Hernandez/Kadeem Hill

Date analysis completed: January 27, 2021

Prestige Report number: 210126-01

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

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value ³ (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value ³ (N2 Protein)	Conc. (copies of RNA/L)
210126-01-001 01 Fenster Hall, Suite 310, Lobby	ND	ND	ND	ND	NA
210126-01-002 02 Tiernan Hall, Suite 150, Lobby	ND	ND	ND	ND	NA
210126-01-003 03 ECEC, Room 200, Lobby	ND	ND	ND	ND	NA
210126-01-004 04 ECEC, Room 115	ND	ND	ND	ND	NA

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

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value ³ (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value ³ (N2 Protein)	Conc. (copies of RNA/cm ²)
210126-01-005 01 Fenster Hall, Room 300, Lower Keyboard	ND	ND	ND	ND	NA
210126-01-006 02 Fenster Hall, Room 300, Lower Mouse	ND	ND	ND	ND	NA

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210126-01-007 03 Fenster Hall, Room 300, Desk Surface	ND	ND	ND	ND	NA
210126-01-008 04 Fenster Hall, Room 325, Conference Table, Seat 2	ND	ND	ND	ND	NA

210126-01-009 05 Fenster Hal, Suite 310, Cubical 1 Keyboard	ND	ND	ND	ND	NA
210126-01-010 06 Fenster Hall, Suite 310, Cubical 3, Keyboard	ND	ND	ND	ND	NA
210126-01-011 07 Fenster Hall, Suite 310, Cubical 4, Desk Surface	ND	ND	ND	ND	NA
210126-01-012 08 Fenster Hall, Suite 310, Cubical 5, Desk Surface	ND	ND	ND	ND	NA
210126-01-013 09 Tiernan Hall, Room 150B, Faucet Handle	ND	ND	ND	ND	NA
210126-01-014 10 Tiernan Hall, 150B, Microwave Interface	ND	ND	ND	ND	NA
210126-01-015 11 Tiernan Hall, Room 150H, Desk Surface	ND	ND	ND	ND	NA
210126-01-016 12 Tiernan Hall, Room 150T, Mouse	ND	ND	ND	ND	NA
210126-01-017 13 Tiernan Hall, Room 150E, Mouse Tract Pad	ND	ND	ND	ND	NA

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210126-01-018 14 Tiernan Hall, Room 150D, Conference Table, Seat 1	ND	ND	ND	ND	NA
210126-01-019 15 ECEC, Room 200, Desk 2, Mouse	ND	ND	ND	ND	NA
210126-01-020 16 ECEC, Room 112, Faucet Handle, Hot Knob	ND	ND	ND	ND	NA
210126-01-021 17 York Center, Room 310, White Refrigerator Handle	ND	ND	ND	ND	NA
210126-01-022 18 York Center, Room 310, Microwave Handle	ND	ND	ND	ND	NA
210126-01-023 19 York Center, Room 310, Kureig Interface	ND	ND	ND	ND	NA
210126-01-024 20 LSEC, Room 301, Surface of Door Handle, Lab Side	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

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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: 1-26-2021

Submittal date: 1-26-2021

Sample received: 1-27-2021

Samples submitted by: Ross Hernandez

Date analysis completed: January 28, 2021

Prestige Report number: 210127-02

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

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value ³ (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value ³ (N2 Protein)	Conc. (copies of RNA/L)
210127-02-008 05 Honors College Hall, 1 st Floor Elevator Lobby Room 111	ND	ND	ND	ND	NA
210127-02-009 06 Honors College Hall, 2 nd Floor Hallway, next to “up” elevator	ND	ND	ND	ND	NA
210127-02-010 07 Honors College Hall, 3 rd Floor Hallway, next to “up” elevator	ND	ND	ND	ND	NA
210127-02-011 08 Honors College Hall, 4 th Floor Hallway, next to “up” elevator	ND	ND	ND	ND	NA
210127-02-012 09 Honors College Hall, 5 th Floor Hallway, next to “up” elevator	ND	ND	ND	ND	NA

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210127-02-013 10 Honors College Hall, 6 th Floor Hallway, next to “up” elevator	ND	ND	ND	ND	NA
210127-02-014 11 Honors College Hall, 1 st Floor Elevator Lobby Room 105	ND	ND	ND	ND	NA
210127-02-015 12 Honors College Hall, 2 nd Floor Hallway, next to “down” elevator	ND	ND	ND	ND	NA
210127-02-016 13 Honors College Hall, 3 rd Floor Hallway, next to “down” elevator	ND	ND	ND	ND	NA
210127-02-017 14 Honors College Hall, 4 th Floor Hallway, next to “down” elevator	ND	ND	ND	ND	NA
210127-02-018 15 Honors College Hall, 5 th Floor Hallway, next to “down” elevator	ND	ND	ND	ND	NA
210127-02-019 16 Honors College Hall, 6 th Floor Hallway, next to “down” elevator	ND	ND	ND	ND	NA

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

Prestige # Client sample ID Location	2019-nCoV (N1 Protein)	Cycle Threshold (Ct) Value ³ (N1 Protein)	2019-nCoV (N2 Protein)	Cycle Threshold Value ³ (N2 Protein)	Conc. (copies of RNA/cm ²)
210127-02-020 21 Greek House Delta Pie Epsilon, Outside Door Handle to Lobby	ND	ND	ND	ND	NA
210127-02-021 22 Greek House Alpha Sigma Epsilon, Outside Door Handle to Lobby	ND	ND	ND	ND	NA
210127-02-022 23 Greek House Sigma Pi, Outside Door Handle to Lobby	ND	ND	ND	ND	NA
210127-02-023 24 Greek House Delta Epsilon Psi, Outside Door Handle to Lobby	ND	ND	ND	ND	NA
210127-02-024 25 Greek House Kappa Chi Kappa, Outside Door Handle to Lobby	ND	ND	ND	ND	NA
210127-02-025 26 Greek House Tau Delta Phi, Outside Door Handle to Lobby	ND	ND	ND	ND	NA
210127-02-026 27 Honors College Hall, Door to “Up” Elevator Lobby 111, Lobby Side	ND	ND	ND	ND	NA
210127-02-027 28 Honors College Hall, “Up” Elevator Call Button, Up	ND	ND	ND	ND	NA
210127-02-028 29 Honors College Hall, Elevator Lobby 111, 1 st Floor Door Handle to Stairs, Elevator Side	ND	ND	ND	ND	NA

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210127-02-029 30 Honors College Hall, 2 nd Floor “Up” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-030 31 Honors College Hall, 3 rd Floor “Up” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-031 32 Honors College Hall, Elevator Lobby 111 Side, 3 rd Floor Door Push to Stairs, Lobby Side	ND	ND	ND	ND	NA
210127-02-032 33 Honors College Hall, Lobby 318, Microwave Handle	ND	ND	ND	ND	NA
210127-02-033 34 Honors College Hall, Lobby 318, Faucet Handle, Hot Knob	ND	ND	ND	ND	NA
210127-02-034 35 Honors College Hall, Lobby 318, Faucet handle, Cold Knob	ND	ND	ND	ND	NA
210127-02-035 36 Honors College Hall, 4 th Floor “Up” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-036 37 Honors College Hall, Elevator Lobby 111 Side, 4 th Floor Door Push Bar, Lobby Side	ND	ND	ND	ND	NA
210127-02-037 38 Honors College Hall, Lounge 418, Microwave Handle	ND	ND	ND	ND	NA
210127-02-038 39 Honors College Hall, Lounge 418, Faucet Handle, Cold Knob	ND	ND	ND	ND	NA

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210127-02-039 40 Honors College Hall, 5 th Floor “Up” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-040 41 Honors College Hall, 6 th Floor “Up” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-041 42 Honors College Hall, Lounge 618, Microwave Handle	ND	ND	ND	ND	NA
210127-02-042 43 Honors College Hall, Door to “Down” Elevator Lobby 105, Elevator Side	ND	ND	ND	ND	NA
210127-02-043 44 Honors College Hall, 1 st Floor “Down” Elevator Call Button, Up	ND	ND	ND	ND	NA
210127-02-044 45 Honors College Hall, 1 st Floor, Door Push Bar to Elevator Lobby 105, Stairwell Side	ND	ND	ND	ND	NA
210127-02-045 46 Honors College Hall, 2 nd Floor “Down” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-046 47 Honors College Hall, Elevator 105 Side, 2 nd Floor Door Push Bar to Stairs, Lobby Side	ND	ND	ND	ND	NA
210127-02-047 48 Honors College Hall, 3 rd Floor “Down” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-048 49 Honors College Hall, Elevator 105 Side, 3 rd Floor Door Push Bar, Lobby Side	ND	ND	ND	ND	NA

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210127-02-049 50 Honors College Hall, 4 th Floor “Down” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-050 51 Honors College Hall, Lounge 437, Microwave Handle	ND	ND	ND	ND	NA
210127-02-051 52 Honors College Hall, 5 th Floor “Down” Elevator Call Button, Down	ND	ND	ND	ND	NA
210127-02-052 53 Honors College Hall, Lounge 537, Faucet Handle, Cold Knob	ND	ND	ND	ND	NA
210127-02-053 54 Honors College Hall, Lounge 637, Microwave Handle	ND	ND	ND	ND	NA
210127-02-054 55 Honors College Hall, Lounge 637, Faucet Handle, Cold Knob	ND	ND	ND	ND	NA
210127-02-055 56 Weston Hall, 4 th Library, Surface of Table 3	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

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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>