

University of Maryland, College Park Campus
 Timeline of Mold and Adenovirus Events – Fall 2018

Date	Description of Events	Supporting Document
Prior Years	<ul style="list-style-type: none"> In prior years, surface mold appeared during extended hot, humid periods in residential facilities, typically when the buildings were unoccupied. In years past, pre-move-in cleanings combined with loading the buildings with students and use of other heat sources (e.g., lights), along with typical fall weather changes, resolved, to a large extent, humidity-related surface mold issues in residential facilities. 	
May 18, 2018	<ul style="list-style-type: none"> 2018 Summer Humidity Plan disseminated to facilities managers in Res Facilities – “Humidity Control Strategy Summer 2018 initial draft” 	DR 6 000065
July 2, 2018	<ul style="list-style-type: none"> At the direction of Tim Wheeler to check the unit functions, room on the 7th Floor in Elkton has mold removed from the fan coil unit cover and vents 	DR 23 002677
July 20, 2018	<ul style="list-style-type: none"> Tom Carcaterra (P.E.) examines Elkton and Denton and determines fungal growth present on exterior of dual-temperature piping insulation on the top floors of the building and the improper piping system insulation is responsible for water growth/damage – recommends that insulation with growth be removed 	DR 6 000069
July 31, 2018	<ul style="list-style-type: none"> Mold found in 10 rooms in Elkton (first, second, fourth, and sixth floor) 	DR 6 000754
August 1, 2018	<ul style="list-style-type: none"> Mold found under PVC insulation jackets in 20 rooms in Denton. Approval given to issue change orders for contractors to repair/remediate. 	DR 21 000144
August 3, 2018	<ul style="list-style-type: none"> Residential Facilities implements IBM Tririga Computerized Maintenance Management System 	DR 25 & 26 004307
August 8, 2018	<ul style="list-style-type: none"> Concerns raised by Residential Facilities about the manner in which mold inspections were being conducted. There are varied conditions in housing stock and lack of consistency in approach to maintaining temperature in various buildings during the summer. The issue is both temperature and humidity. There is a promise that the University will develop a “better system for next year” in response to the question, “how do we provide consistent/measurable approach to this problem?” 	DR 6 000585

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August 9, 2018	<ul style="list-style-type: none"> • Humidity inspections (record problem areas with room, location, and best description of the problem) being performed in Leonardtown Office on the residence halls by Department of Residential Facilities. “Remember, this is a developing process and we will focus the next year on developing a more exact method for recording humidity problems.” • Due to mold in Centreville resulting from issues with AC pipes running through several rooms on the 8th floor & Bel Air (cause unknown) and the “potential extent of the issues” staff moving into these dorms were moved to Easton 	DR 6 000597 DR 6 000756
August 10, 2018	<ul style="list-style-type: none"> • Residential Facilities notice mold issues in Ellicott dorm and noting that a contractor will be working to clean the rooms starting August 13 	DR 6 000587 DR 6 000764
August 11, 2018	<ul style="list-style-type: none"> • RAs in Elkton Hall eligible to start moving into dorms 	
August 14-19, 2018	<ul style="list-style-type: none"> • Mold remediation work being done by contractors in Bel Air and Centerville rooms for RA move-ins 	DR 6 000760-761
August 16, 2018	<ul style="list-style-type: none"> • Mold in Charles Hall found on furniture in four bedrooms and at the base of the dressers, desks, under the drawers, bedposts (one bedroom has wet ceilings). Tickets for housecleaning submitted. 	DR 6 000776
August 16, 2018	<ul style="list-style-type: none"> • 4th Floor of Bel Air found to be humid, some fan cool units appeared not to be running. Some mold growth on bottoms of some dresser drawers. Staff sent for cleaning. 	DR 21 000169
August 17, 2018	<ul style="list-style-type: none"> • Non-staff students (students transferring from summer assignments) begin moving into Elkton Hall 	
August 18, 2018	<ul style="list-style-type: none"> • Mold issues found in the Elkton basement multi-purpose room – mold found in the cabinets and ceiling tiles – Patrick Rhodes, Residential Facilities, calling in a contractor; notes that mold issues were also found in other dorms. Andrea Crabb, Director of Residential Facilities, invited to tour affected areas. 	DR 6 000967 DR 21 000168 DR 21 000188

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	<ul style="list-style-type: none"> • FCUs in Bel Air on the 4th floor do not appear to be running and the 4th floor is reported as humid with mold growing on the bottom of some dresser drawers – housekeeping sent to clean • Hot muggy rooms in Easton reported from the 8th floor down and light coatings of mold on the desks, dressers, underside of some drawers, and some spots on the desk chairs 	
August 20, 2018	<ul style="list-style-type: none"> • 8th Floor of Elkton multi-purpose room – cleanup work and ceiling tile work to be completed by end of day • 15 rooms in Easton reported as having “mold issues in a/c units” and many of the rooms reported as feeling wet 	DR 6 000777 DR 6 000778 DR 21 000195-196
August 22, 2018	<ul style="list-style-type: none"> • Clean up of surface mold on furniture completed in Elkton in advance of student move-in. 	DR 6 000962
August 23, 2018	<ul style="list-style-type: none"> • “Official” opening day for students to move into Elkton Hall 	
August 28, 2018	<ul style="list-style-type: none"> • Andrea Crabb contacts Building Dynamics to consult on “recurring problem facilities here at the University with high humidity in August. We are very good at remediation and containment but I would like to get to some root causes and possible solutions. Many of our facilities are due to have major HVAC upgrades in the coming years to ensure we have DOAS for ventilation. A lesson learned from the 80’s. Until this time, we need to develop strategies to mitigate high humidity in the summer months. If we plan now, we can take a more proactive approach next summer.” 	DR 6 000063-64
September 4, 2018	<div style="background-color: black; color: black;">[REDACTED]</div>	DR 4 000069
September 5, 2018	<ul style="list-style-type: none"> • Jennifer Kurek provides Patrick Rhodes with information about mold in the form of a “Mold Discussion” and provides him with Katie Cavanaugh (DESSR) contact information 	DR 12 000166
September 6, 2018	<div style="background-color: black; color: black;">[REDACTED]</div>	DR 4 000014-16 DR 4 000069

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September 10, 2018	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	DR 4 000069
September 11, 2018	<ul style="list-style-type: none"> • First Incident reported by of upper respiratory (cough, sneezing, headache, chest tightness, eye irritation) and worked in Elkton Hall – reported to IWIF on 9/25/2018 	Mold Housekeepers Report
September 12, 2018	<ul style="list-style-type: none"> • Patrick Rhodes writes to Residential Facilities team that DESSR “does not do air or swab testing for mold anymore.” • Discussed that when Res Facilities finds mold on furniture, “replace it all with clean furniture” and that cleaning furniture with mold outside of a crowded student bedroom is preferable method. 	DR 6 001021 DR 6 001024
September 13, 2018	<p>[REDACTED]</p> <ul style="list-style-type: none"> • Relative humidity reading in Elkton Hall room 7139 is 73% and temperature of 77. Question by Senior Project Manager Rhodes – “Is there anything we can do to the system to bring the humidity down?” • Discussion regarding the issues at Elkton and the fact that it would likely be the first building to be evaluated and that the issues are related to the humidity in Elkton and a recognition that there were problems with Elkton and humidity issues prior to move-in • Health center receives notification from parent regarding the mold in the dorm rooms in Elkton and the potentials for health issues • Andrea Crabb informs Dr. Mary Hummel about the high volume of service requests for mold in the numerous buildings due to weather 	DR 4 000069 DR 6 001030-31 DR 6 001035 DR 6 001036 DR 11 000001
September 14, 2018	<ul style="list-style-type: none"> • Mary Hummel sends message to Linda Clement, Deb Grandner (Res Life Director), Kanitta Tonggarwee, Carol Granger, and Brooke Supple and others stating “given the recent climate and weather conditions – we are having challenges with mold in certain residence halls. This is a 	DR 11 000003 DR 11 000004 DR 12 000167

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	<ul style="list-style-type: none"> • Ms. Crabb confirms the following resident halls have multiple “mold seen or smelled” service tickets: Allegany, Anne Arundel, Baltimore, Bel Air, Centreville, Cumberland, Denton, Easton, Elkton, Ellicott, House 11, Kent, La Plata, Old Leonardtown, Montgomery, and Prince Georges. Elkton is identified as the “worst” because there are reports of mold from every floor. • Dr. McBride expresses concern about students with asthma and allergies living in “a situation where there’s a significant amount of mold.” He inquires whether he and Ms. Crabb should meet to discuss medical implications of mold on students with allergies and asthma. • Dr. McBride sends message to the UHC staff regarding mold in the residence halls and that Elkton seems to be the hall with the most problems. Dr. McBride instructs staff to document the patient visit and where the student lives. He advises UHC staff to be advocates on behalf of students who are having serious symptoms believed to be caused by mold and will seek to have those students relocated. • Residential Facilities conducts inspections and remediation in Elkton on Floors 8, 7, 6, 5, and 1 (some inspections to occur Sept 21) • Kelly Ridings says that consultation with DESSR recommended that all the furniture be removed from student rooms rather than cleaning in place • Residential Facilities sends notification to Elkton residents regarding linens being available for temporary use 	
September 21, 2018	<ul style="list-style-type: none"> • Decision made to vacate Elkton on a floor-by-floor basis for remediation/cleaning. • Andrea Crabb requests input on how to better share information with Residential Life – “we aren’t doing this as well as maybe we could.” Has a planned meeting with the Department of Resident Life later that day. • Denton Multi-Purpose Rooms targeted for use as temporary sleeping arrangements for Elkton residents who cannot stay in their rooms. 	<p>DR 6 000786 DR 6 000794 DR 6 000819 DR 6 000821 DR 6 000826 DR 6 001058 DR 6 001061 UMD Website listing communications</p>

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	<ul style="list-style-type: none"> • Washers and dryers at Elkton hall programmed to be free for students to launder affected items. • Resident Life and Residential Facilities host a Q&A session for Elkton residents and parents during Family Weekend in Elkton Hall recreation room. • Linda Clement sends email to President Loh and Michelle Eastman regarding having mold problem in Elkton residence hall and having to move 500 residents out of the building. • Recap sent out by Mike Glowacki containing details of the relocation in Elkton sent to individuals involved with the relocation from Res Life – Dr. Hummel and Dr. Clement included on this email. • Dr. Clement sends follow up email to President Loh and Michelle Eastman with recap of Elkton remediation planning. • Email to Elkton hall residents regarding the decision to relocate and sharing the remediation plan for the vacated floors. • Strategic Communications sends out media statement to “DRL Leadership Team,” (Mary Hummel, Andrea Crabb, Chris Moore, and Jacinta Felice, and Kelly Ann Ridings) regarding mold issues. “The immediate safety, health, and well-being of each and every resident is a matter of utmost concern for the Departments of Resident Life and Residential Facilities staff at the University of Maryland. Mold has been reported in Elkton Hall, and the issue has been exacerbated in recent days due to significant rain and high humidity in our area, but we want to assure students we are working as quickly as possible to eradicate the problem.” • Remediation contractor sets up a containment in Elkton multipurpose room 	<p>DR 27 000001 DR 27 000002-3 DR 6 001629</p>
<p>September 22, 2018</p>	<ul style="list-style-type: none"> • Res Facilities adding dehumidifiers to the building ELKTON HALL • Communication sent to Elkton residents containing details about the floor by floor relocation and containing the relocation schedule and hotel assignments 	<p>DR 4 000006 DR 6 000834 DR 6 001078 DR 6 001086</p>

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	<ul style="list-style-type: none"> • Communication sent to Bel Air Hall regarding room inspections on September 23 to inspect the walls, furniture, closet and fan coil units • Outside consultant to inspect and review building mechanical systems “not on board yet” 	
September 23, 2018	<ul style="list-style-type: none"> • Resident Life begins Elkton hall relocation of floor 7 • Resident Life sends out communication to parents and families of Elkton Hall residents regarding the mold in Elkton and the remediation and temporary relocation of students floor by floor to area hotels • Jacinta Felice has mold ticket created for the mold in Elkton 3152 (Olivia’s room) • Fan coil unit in Olivia Paregol’s room is checked for mold and cleaned out • Dr. McBride sends message to Katie Lawson, Deborah Grandner, Jessica Jennings, Linda Clement, Mary Hummel and Andrea Crabb regarding the mold health affects – “may be dangerous for those with allergies to mold, asthma, or other respiratory diseases or immunodeficiency” and that UHC has limited ability to proactively warn students • Dr. McBride suggests doing testing to verify the type of mold • Linda Clement sends email to President Loh and Michelle Eastman saying “the mold problem is growing [and] going to have to treat Bel Air hall the same as Elkton” – informs them of her intention to call an Incident Response Team meeting the next day • Strategic Communications recommends to Res Life to get communications out about mold on social media • Res Life and Res Facilities host an update call regarding relocations and Linda Clement not on the call – Mary Hummel is on the call 	DR 4 000303 DR 1 000079 – 81 DR 11 000007 DR 6 001137 DR 6 001144 DR 6 001157 DR 23 003247-48
September 24, 2018	<div style="background-color: black; width: 100%; height: 1.2em;"></div>	DR 4 000075

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	<ul style="list-style-type: none"> • IRT holds meeting from 11am-noon to discuss the “mold issue in the residence halls” <ul style="list-style-type: none"> - Discussions at IRT are regarding: <ol style="list-style-type: none"> (1) updating the academic faculty about the mold issues (2) message to faculty about students missing classes and other academic concerns related to Elkton Hall remediation (3) the impact on students and suggesting to Katie with StratComm sending out a full campus wide notification (4) Mary, Andi, and Laura represented the group handling the mold in the dorms at the IRT meeting (5) Dr. McBride reported that 15 students have come to the UHC with various medical issues and Dr. McBride asked that staff reach out to any resident who registered their asthma condition with the Department of Residential Life (6) Strat Comm to begin working on a broader message to go to the campus community • Housekeeping staff being examined at the University Health Center for mold exposure and for the purpose of initiating a workers’ compensation claim • Res Facilities meets with “3rd party consult” regarding the root cause of the mold problem • Res Facilities non-leadership staff notified of the decision to relocate and meeting is held with them to discuss logistics of the relocation • Res Facilities staff plan to go back through Bel Air to inspect what has happened in the dorm since the building tour the day prior ██ • Maryland Today publishes article on mold in residential buildings 	<p>DR 11 000008 DR 6 001157 R 6 001162 DR 6 001186 DR 4 000067</p>
<p>September 25, 2018</p>	<ul style="list-style-type: none"> • Office of the Provost, Division of Student Affairs, and Division of Administration and Finance send communication to all university faculty and staff regarding: mold remediation and requesting accommodations if necessary 	<p>DR 4 000069 DR 4 000075 DR 4 000144 DR 1 000082-85</p>

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	<p>[REDACTED]</p> <ul style="list-style-type: none"> • Dr. McBride receives notification from Dr. Clifford Mitchell from the Department of Health regarding the PG County Dept of Health and the Maryland Department of Health receiving calls regarding mold in the dorm rooms <p>[REDACTED]</p> <ul style="list-style-type: none"> • Dr. McBride writes to Andrea Crabb and Dr. Hummel to convey a suggestion from an occupational health consultant that the spaces where remediation is happening be tested to ensure that the mold levels indoors are lower than the levels outdoors • Andrea Crabb responds to Dr. McBride that she spoke at length with Maureen Kotlas at DESSR and that it is not DESSR’s recommendation to do sampling nor is it the industry standard • Dr. McBride identifies 7 students in Elkton that have conditions that would warrant a move from Elkton in advance of their place in the line for relocation • Res Facilities staff conduct ground floor mold inspections in the South Hill units and apartments of walls, furniture, common rooms, closets, and fan coil units/mechanical closets and conducts cleaning if mold found • Kate Cavanaugh with DESSR receives the scope of work for the cleaning and assessment of the fan coil units in Elkton Hall. Ms. Cavanaugh notes that the scope of work does not contain specific information about mold remediation, environmental controls (containment, PPE, etc.) or re-occupancy parameters and that DESSR did not write the scope of work • Residential Facilities continues re-inspecting Bel Air Hall 	<p>DR 1 000097 DR 6 000640 DR 6 000842 DR 6 001227 DR 1 000098-99 UMD Communications website DR 21 000221</p>
<p>September 26, 2018</p>	<p>[REDACTED]</p>	<p>DR 3 000043 DR 3 000045-228 DR 3 000230-50</p>

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	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <ul style="list-style-type: none"> • UHC clinicians are routinely evaluating patient’s reported symptoms and potential mold exposure • Residential Facilities installs data logging devices during room inspections to monitor the temperature and humidity in six bedrooms to monitor the conditions for “the next couple of weeks” • Residential Facilities staff conduct ground floor mold inspections in the South Hill units and apartments of walls, furniture, common rooms, closets, and fan coil units/mechanical closets and conducts cleaning if mold found • Staff working in Elkton receive a quick training from Susan Gilson regarding wearing a N95 dust mask 	<p>DR 4 000094 DR 6 000839 DR 6 000842 DR 12 000171</p>
<p>September 27, 2018</p>	<ul style="list-style-type: none"> • Dr. McBride expresses worry that there is a potential pattern in Centerville Hall similar to Elkton Hall where the mold is cleaned and then returns • Residential Facilities conducts a re-check of the ground floor units in South Hill and clean mold where needed or swap out furniture • AFSCME Local sends a request for documents to the University regarding the employees being exposed to “harmful substances and chemicals that cause serious health concerns” 	<p>DR 1 000103 DR 6 000842 DR 6 001231</p>
<p>September 28, 2018</p>	<ul style="list-style-type: none"> • Dr. McBride informs parent that outreach has occurred to those students in Elkton Hall who the UHC is aware of who have allergies or asthma to facilitate moves until the halls are remediated 	<p>DR 1 000087 DR 3 000239</p>

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	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	
October 1, 2018	<ul style="list-style-type: none"> • Dr. McBride provides Andrea Crabb a list of seven students living in dorms that need to be relocated based on their reactions to the mold • Dr. McBride suggests use of portable HEPA filters in rooms affected by mold and advises movement of students with symptoms from rooms with mold. 	DR 1 000089
October 3, 2018	[REDACTED]	DR 6 001078
October 4, 2018	<ul style="list-style-type: none"> • W.L. Gary conducts maintenance in Olivia Paregol’s room (and other rooms on the third floor) and changes the filters, cleans the evaporator coil, drain pan, FCU, pulled and cleaned the strainers, removed the blower motor and cleaned it and performed other maintenance on the HVAC system in their room 	DR 21 0001404-07
October 5, 2018	<ul style="list-style-type: none"> • All resident rooms in Centreville Hall re-inspected for mold 	DR 6 000649
October 6, 2018	[REDACTED]	DR 6 000945
October 7, 2018	[REDACTED]	[REDACTED] 8
October 10, 2018	<ul style="list-style-type: none"> • Final date for students to move back into Elkton Hall who had evacuated from Floor 2 	DR 6 000946
October 11, 2018	<ul style="list-style-type: none"> • Residential Facilities staff members inspecting 4th floor rooms in Denton (i.e. furniture, walls, closets, and fan coil units) due to reports of mold growth 	DR 6 000874
October 12, 2018	<ul style="list-style-type: none"> • Residential Facilities staff members inspecting furniture, walls, closets, and fan coil units on 2nd, 3rd, and 4th Floors in Denton Hall due to reports of mold growth 	DR 6 000876 DR 6 000893

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	<ul style="list-style-type: none"> • Dr. McBride advocates for additional students to be relocated during remediation – “Rooms of Concern for Mold 2018” 	
October 15, 2018	<ul style="list-style-type: none"> • Residential Facilities staff members inspecting furniture, walls, closets, and fan coil units on 2nd, 3rd Floors in Denton Hall due to reports of mold growth • Residential Facilities staff members inspecting furniture, walls, closets, and fan coil units on the 4th -8th Floors in Centreville Hall due to reports of mold growth • Residential Facilities staff members inspecting furniture, walls, closets, and fan coil units on the 4th -8th Floors in Easton Hall due to reports of mold growth • Dr. McBride advocating for additional students to be relocated during remediation in Denton and Easton due to “mold cleaning and health problems” 	DR 6 000876 DR 6 000879 DR 6 000881 DR 6 000895
October 16, 2018	<ul style="list-style-type: none"> • Kent hall still experiencing mold issues and feeling “muggy” – roommates lodging complaints were all feeling sick and had been to UHC multiple times • Dr. McBride notifies Andrea Crabb and Scott Young of a student in Cumberland [REDACTED] and the family requesting room inspection/cleaning prior to his return 	DR 6 000697 DR 6 000879 DR 6 000881 DR 6 000907
October 17, 2018	<ul style="list-style-type: none"> • Elkton Hall Multipurpose room being cleaned by a contractor • Inspections of dorm rooms in Easton occurs 	DR 6 000659 DR 6 000667 DR 6 000897 DR 6 000901
October 18, 2018	<ul style="list-style-type: none"> • WL Gary working in Easton Hall and Centreville Hall 	DR 6 000680 DR 6 000693-695 DR 6 000897 DR 6 000901
October 19, 2018	<ul style="list-style-type: none"> • First floor inspections of rooms in Easton Hall – furniture, walls, closets, and fan coil units done by Residential Facilities staff 	DR 6 000913

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October 20, 2018	<ul style="list-style-type: none"> • First day no service requests made regarding mold 	
October 21, 2018	<ul style="list-style-type: none"> • Res Facilities updates the way it will respond to mold service requests 	DR 12 000174
October 22, 2018	<ul style="list-style-type: none"> • Contractor work in LaPlata for mold remediation in the bathrooms is completed • Mold remediation protocol updated based on Fall 2018 experiences 	DR 6 000915 DR 6 001682
October 23, 2018	<ul style="list-style-type: none"> • Case No. 1 - Student "A," ultimately diagnosed with adenovirus (suspected on Nov. 1 and confirmed on Nov. 5), [REDACTED] 	DR 3 000043
Sept-Oct, 2018	<ul style="list-style-type: none"> • "Through September and October the percentage of students with Influenza-like illnesses ("ILI") as a percentage of the total visits at the UHC was higher than in the previous 2 years. The week of October 29, this number rose to 4% of the total visits, a more than 2% increase from the previous week. Many of the students in this group were febrile and few influenza tests were positive." 	DR 3 000045
October 25, 2018	<ul style="list-style-type: none"> • DRF Leadership staff conduct meeting regarding Mold Remediation Process 	DR 12 000176
October 29, 2018	<ul style="list-style-type: none"> • Case No. 2 - Student "B" [REDACTED] positive adenovirus confirmed on Nov. 10). 	DR 3 000043 DR 3 000040 DR 3 000045
November 1, 2018	<ul style="list-style-type: none"> • Case No. 1 – [REDACTED] • Residential Facilities and Residential Life host "After Action" meeting regarding the response to the mold in the dorm rooms 	DR 1 000129-130 DR 3 000001 DR 6 000929
November 2, 2018	<ul style="list-style-type: none"> • Case No. 3 – Olivia Paregol [REDACTED] 	DR 3 000043 DR 3 000230-50

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	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <ul style="list-style-type: none"> • Dr. McBride contacted by mother of student [REDACTED] says that her son had been sick with a fever for several days and his flu and other tests were negative <ol style="list-style-type: none"> 1. Dr. McBride checks with [REDACTED] to verify if there was any widespread illness. None noted. 	<p>DR 1 000132 DR 3 000045</p>
<p>November 5, 2018</p>	<ul style="list-style-type: none"> • Dr. McBride receives fax [REDACTED] Case No. 1, student A testing positive for adenovirus • UHC contacted by parent of Case No. 2, Student B [REDACTED] [REDACTED] Dr. McBride [REDACTED] noticed similarities to Case No. 1 (student A). Dr. McBride contacted [REDACTED] and discussed similarities between student B and student A. [REDACTED] confirmed fluid available for testing and fluid was sent for testing (test confirmed student B positive for adenovirus on Saturday, Nov. 10; appears that Dr. McBride received the positive results on Monday, Nov. 12). • Dr. McBride sends notification to UHC staff at 5:57 p.m. advising that two students had presented to UHC [REDACTED] [REDACTED] Please consider doing regular secure message follow ups on kids who are especially febrile or who like [sic] on the “sick side.” <p>[REDACTED]</p>	<p>DR 3 000045 DR 1 000133 DR 3 000043</p>

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November 6, 2018	[REDACTED]	DR 3 000043
November 7, 2018	<ul style="list-style-type: none"> • Dr. McBride and members of the Campus Infectious Disease Management Committee hold meeting to discuss higher rate of febrile illnesses seen in September and October and to discuss each department updating their plans and sending flu message earlier this year. Message reviewed by committee. Dr. McBride states that the CIDMC meeting was proposed on October 17 (prior to ILI and Adenovirus concerns) and scheduled on November 7. Dr. McBride requests implementation of high-touch cleaning. • The University Health Center, Residential Facilities, Facilities Management, Athletics, RecWell, Dining Services and The Stamp begin increasing cleaning of high-touch surfaces and restrooms in university buildings. • Jeff McGee reports that he met with Dr. McBride and that the number of flu cases and illness with high temperature have increased and due to this they advise implementation of high touch cleaning in all areas serviced by Building Services. 	DR 2 000083 DR 3 000045 DR 12 000190 DR 12 000180 DR 12 000190
November 8, 2018	[REDACTED]	DR 4 000137
November 9, 2018	<ul style="list-style-type: none"> • UHC sends out first notice on effective prevention techniques during cold, flu and virus season to Parent and Family Association and the UMCP community, including mention “For students, faculty and staff who have chronic medical problems (ex. asthma, diabetes, obesity), it is important to visit the UHC or your personal physician within 48 hours of developing flu symptoms.” <p>[REDACTED]</p> <ul style="list-style-type: none"> • Case No. 4 - UHC sends out first test for adenovirus for student “D” 	DR 1 000001 DR 3 000040 DR 3 000043 DR 3 000045 DR 3 000028
November 10, 2018	<ul style="list-style-type: none"> • Case No. 2, Student B tests positive for adenovirus (report received on Saturday) 	DR 3 000043

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<p>November 12, 2018</p>	<ul style="list-style-type: none"> • Dr. McBride reviews positive adenovirus result from Case No. 2, student B [REDACTED] • Dr. McBride writes to [REDACTED] to recommend adenovirus testing on another admitted student with copies to Angela Crankfield (at Prince George’s County Health Department) and [REDACTED] to follow up on a phone call earlier that day. “We’ve had 2 students so far with [REDACTED] Generally many individuals with high fevers, respiratory symptoms, but neg flu and other point of care testing (strep, mono). I’m looking at other cases with the same presentation to see if we’ve got something happening.” DR 3, pages 143-147 • [REDACTED] contacts Dr. Richard Brooks at the Division of Healthcare Quality Promotion for the Center for Disease Control located at Maryland Department of Health and Mental Hygiene who advises “I doubt at this point we’d do much more unless some connection is identified since adenovirus is pretty common. . . . The adenovirus outbreak in NJ where so many kids have died has been at a LTC facility with kids who have lots of underlying medical problems so doubt this has anything to do with that. But just so people are aware, in that facility CDC has recommended using a disinfectant with an EPA label claim against norovirus.” <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p>DR 3 000045-228 DR 5 000250 DR 5 000262 DR 1 000106-108</p>
<p>November 13, 2018</p>	<ul style="list-style-type: none"> • Dr. McBride speaks with Ian Paregol, Olivia’s father and [REDACTED] Dr. McBride calls [REDACTED] to advise of two confirmed cases of adenovirus. Mr. Paregol informs Dr. McBride that Olivia had been spending time on Princeton Avenue; Olivia confirmed later that same day as testing positive for adenovirus <p>[REDACTED]</p> <p>[REDACTED] [DR 3 000045 at 000150]</p>	<p>DR 3 000043 DR 3 000045 DR 3 000028 DR 4 000296 DR 1 000017</p>

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	<ul style="list-style-type: none"> • Dr. McBride sends message to UHC staff regarding testing for adenovirus and that there were two confirmed cases and a third [REDACTED] Advises low threshold for CXR and adenovirus polymerase chain reaction • Department of Mental Health declares an outbreak of adenovirus for purpose of tracking cases. • UHC receives positive results for adenovirus for Case No. 4, Student D • Dining Services begins changing out self-service utensils in university dining halls every 15 minutes. 	
November 14	<ul style="list-style-type: none"> • Dr. McBride writes to Dr. Brooks and provides the November 9 notice provided to students, parents and others. Requests “Can you please let me know if CDC wants us to do more adeno specific communication.” [DR 3 000045 at 000169] • Dr. McBride receives guidance from Dr Brooks at Maryland Department of Health/CDC “This communication looks excellent to us, and based on our conversation with CDC, we don’t think additional, more specific messaging about adenovirus is necessary at this point in time.” [DR 3 at 000168] 	DR 3 000045 DR 5 000081-83
November 15, 2018	<ul style="list-style-type: none"> • Campus Infectious Disease Management Committee reconvened by Dr. McBride to discuss adenovirus and notification to all UMD students; Dr. McBride to follow up with Katie Lawson and StratComm; consider focused message to students who have immunocompromised state and to Elkton students. • Dr. McBride notified UHC staff about appropriate adenovirus testing (following DOH guidance), use of steroids and to follow up on patients with ILI symptoms. UHC receives positive results for adenovirus in student [REDACTED] • Michael Glowacki receives notice that there is no final report from Vertex regarding the mold remediation and that “checklist type” reports are available 	DR 2 000146 DR 1 000018 DR 4 000170 DR 3 000043 DR 3 000045

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<p>November 16, 2018</p>	<ul style="list-style-type: none"> • UMD communication drafted by the Office of Strategic Communications to notify community of adenovirus and forwarded to Dr. McBride at 4:40 pm. <ul style="list-style-type: none"> - At 5:30pm, Dr. McBride informs Strategic Communications that he is comfortable with the messaging going out that day - At 6:36pm, Dr. McBride informed that the VP’s office will handle the distribution - At 6:42pm, Dr. McBride informs Strategic Communication that he can ask VPs office to send but “they won’t send it until Monday” (11/19) • Communication from Dr. McBride to AD for Fraternity and Sorority Life to ascertain if there were sick members and advise deep cleaning of houses. [DR 3 000045 at 000182-183] • Richard Brooks writes at 11:17 pm – ██████████ ██████████ Attached are a couple of publications CDC passed along for reference. They have recently seen several outbreaks and individual cases associated with adenovirus 7, including JN and the military (Virginia) 	<p>DR 44 000001 DR 3 000045</p>
<p>November 17, 2018</p>	<ul style="list-style-type: none"> • UHC aware of five total cases of students with adenovirus 	
<p>November 18, 2018</p>	<ul style="list-style-type: none"> • Olivia Paregol dies 	
<p>November 19, 2018</p>	<ul style="list-style-type: none"> • Dr. McBride writes to Richard Brooks at 7:26 am – “I have an unconfirmed report that the young lady at Hopkins died last night. Does this plus the fact that this is adeno 7 change our messaging at all?” [DR 3 000045 at 000182] • Richard Brooks responds at 8:24 am – “Thanks for reaching out, and sorry to hear about this patient. We’ve discussed internally here and we don’t feel that this changes our plans to do any messaging. To be clear, we are not recommending that you NOT put out any additional communications (i.e. if you feel the need to send any additional messaging, we are fine with that). We just aren’t recommending that you need to so. If you do send something out, we would appreciate seeing it so that we can make sure we respond to any inquiries we receive appropriately. Please cc Kia, as I am out of the office today and the rest of the week. Also would just emphasize that the adenovirus 7 results we got were preliminary results, and we haven’t heard any final results from CDC yet.” [DR 3 000045 at 000182-183] 	<p>DR 44 000001 DR 3 000019 DR 3 000043 DR 3 000020 DR 1 000046</p>

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	<ul style="list-style-type: none"> • Communication with reference to adenovirus prepared on November 16 is sent to campus stakeholders at 2:36 pm. • University Health Center alerts campus community of reports of six cases of UMD students with an adenovirus-associated illness and reiterates previous message with important precautions to stay healthy. <ul style="list-style-type: none"> - Highlighted in bold is message for those with chronic medical conditions “if you have chronic medical problems like asthma, diabetes or illnesses that lower your immune system or if you take medicine that lowers your immune system, it is vitally important not to ignore these symptoms and visit the University Health Center or your personal physician within 48 hours of developing symptoms.” [DR 3 000045 at 000185-186] <p style="background-color: black; color: black;">[REDACTED]</p> • Department of Transportation Services begins deep cleaning of Shuttle-UM buses. • UHC switches to bleach wipes for cleaning (from hydrogen peroxide) 	
November 20, 2018	<ul style="list-style-type: none"> • UHC informs UMCP community that a student passed away from adenovirus and urges campus community to take preventive measures, especially those with chronic medical problems or compromised immune systems. • Also communicated with local hospitals to consider adenovirus for diagnosis and testing. • Vertex completes “Report of Findings: Post Remediation Efficacy Assessments” for Andrea Crabb 	UMD Communications Website DR 1 000046 DR 21 000226
November 26, 2018	<ul style="list-style-type: none"> • UMD officials meet with Public Health authorities to discuss adenovirus communications and appropriate measures • Additional samples (four out of five) that were sent to the CDC test positive for AdV-7 	DR 4 000228 UMD Communications Website DR 3 000021

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	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <ul style="list-style-type: none"> • Dr. McBride messages UHC staff to remind them about adenovirus testing and influenza testing and following up with sick patients • University Health Center updates campus community on additional cases of adenovirus and reiterates importance of taking precautionary measures. 	
November 27, 2018	<ul style="list-style-type: none"> • UMD officials continue meetings with Public Health authorities, who affirm the university’s actions and communications to-date. • Dr. McBride messages UHC staff to follow up with suspected adenovirus patients every 24-48 hours and that handout was available. 	DR 3 000024
November 28, 2018	<ul style="list-style-type: none"> • Communication sent to Fraternity and Sorority members to be aware of protective measures for viruses, including adenovirus, given upcoming social events. • Dr. McBride recommended a Respiratory Pathogen Profile for adenovirus testing to improve turnaround times • Building Dynamics provides its “Mold Remediation and Humidity Control” Report to Department of Residential Facilities 	DR 3 000026 DR 21 000377
November 29, 2018	<ul style="list-style-type: none"> • Residential Life sends out the final reports from Building Dynamics and Vertex to residents, parents and families of Elkton Hall Residents. Advises – “The U.S. Centers for Disease Control and Prevention (CDC) has said that no link exists between mold and Adenovirus, and it appears that there is no consistent connection between mold exposure and the incidents of Adenovirus infection affecting UMD students.” 	UMD communications website regarding mold

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November 30, 2018	<ul style="list-style-type: none"> • UHC sends out additional prevention message to campus and departments post flyers in heavily populated campus areas – Health Center and Resident Halls 	UMD Communications Website Regarding Adenovirus
December 3, 2018	<ul style="list-style-type: none"> • CDC discontinues testing all specimens for AdV-7; only will test those who have x-ray or clinically proven pneumonia, hospitalized, or more severe disease 	UMD Communications Website Regarding Adenovirus
December 4, 2018	<ul style="list-style-type: none"> • UMCP officials meet with public health officials to ensure appropriate communications and measures are being taken. • UHC sends communications directly to students with reported higher risk conditions (asthma, diabetes, immune deficiency, immune-weakening medications) to remind them of the important precautions they should take. 	UMD Communications Website Regarding Adenovirus
December 5, 2018	<ul style="list-style-type: none"> • UMD Officials aware of 30 confirmed cases of UMD students with adenovirus, eight hospitalizations, and four confirmed cases of AdV-7. 	UMD Communications Website Regarding Adenovirus
December 6, 2018	<ul style="list-style-type: none"> • Departments of Resident Life and Residential Facilities notify on-campus residents that Residential Facilities will expand the standard Winter Break residence hall cleaning program beyond their typical cleaning practices to include disinfecting frequently-touched surfaces inside student rooms. 	UMD Communications Website Regarding Adenovirus
December 12, 2018	<ul style="list-style-type: none"> • UHC sent out communications regarding precautions to take while traveling and home for Winter Break • 35 cases of UMD students who have adenovirus 	UMD Communications Website Regarding Adenovirus
December 18, 2018	<ul style="list-style-type: none"> • 40 cases of UMD students who have tested positive for adenovirus and one currently hospitalized 	UMD Communications Website Regarding Adenovirus

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January 11, 2019	<ul style="list-style-type: none"> • UHC aware of 41 confirmed cases of UMD students with adenovirus; 13 of which were Adv-7 • Susan and Derek Dauberman (from Vertex) conduct inspection on Elkton 3152 for mold and found no visible mold 	UMD Communications Website Regarding Adenovirus
January 16, 2019	<ul style="list-style-type: none"> • Vertex Companies send informal report to Diane Krejsa re: the mold in 3152 Elkton finding that sample results in the room are not indicative of mold reservoirs in the room 	DR 4 000006
January 23, 2019	<ul style="list-style-type: none"> • Mr. Paregol goes to campus to retrieve Olivia’s belongings and Deborah Grandner and Laura Tan present 	DR 4 000006
January 24, 2019	<ul style="list-style-type: none"> • UHC aware of 42 confirmed cases of UMD students with adenovirus, 13 of which were adenovirus type 7 	DR 3 000028
January 31, 2019	<ul style="list-style-type: none"> • Residential Facilities develops a Moisture Control Plan 	