

**In the Matter of:**

Maryland Department of the Environment

*October 29, 2025*  
*Public Hearing*

**Condensed Transcript with Word Index**



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| <p style="text-align: right;">1</p> <p>1 MARYLAND DEPARTMENT OF THE ENVIRONMENT</p> <p>2 AIR AND RADIATION ADMINISTRATION</p> <p>3</p> <p>4</p> <p>5 SCHEDULED PUBLIC HEARING ON</p> <p>6 U.S. ARMY - FORT DETRICK PROJECT</p> <p>7</p> <p>8</p> <p>9 The hearing in the above matter was scheduled</p> <p>10 for Wednesday, October 29, 2025, 6:00 p.m., at the</p> <p>11 Hampton Inn and Suites, 1565 Opossumtown Pike, Frederick,</p> <p>12 Maryland, 21702.</p> <p>13</p> <p>14</p> <p>15 BEFORE: Shannon Heafey, Hearing Officer</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21 Reported by: Camaron Nelms</p>                                          | <p style="text-align: right;">3</p> <p>1 P R O C E E D I N G S</p> <p>2 - - - - -</p> <p>3 (6:08 p.m.)</p> <p>4 MS. HEAFEY: All right, good evening folks.</p> <p>5 Can you hear me?</p> <p>6 My name is Shannon Heafey. I am the Air</p> <p>7 Quality Permits Program Public Participation Coordinator.</p> <p>8 I want to thank you folks for coming out this evening.</p> <p>9 I'm going to read a little statement, and then I'm going</p> <p>10 to invite my coworkers to give their tentative</p> <p>11 determination, and then I'll be inviting people to make</p> <p>12 statements for the record.</p> <p>13 So also here from the Department is Ms. Sunny</p> <p>14 Sariscak, Program Manager; Mr. Mario Cora, Chief of the</p> <p>15 Combustion Metallurgical Division, and Mr. Nischal</p> <p>16 Subedi, the permit engineer for this project. Sorry,</p> <p>17 this is terrible. Representing Fort Detrick is Mr. Joe</p> <p>18 Gortua, Environmental Division, Ms. Vanessa Hill, Public</p> <p>19 Affairs Office, and Mr. Gary Zolyak, Environmental Law.</p> <p>20 The Department has made a tentative</p> <p>21 determination that the draft air permit for the</p>                                                                                                                                             |
| <p style="text-align: right;">2</p> <p>1 A P P E A R A N C E S</p> <p>2</p> <p>3 ON BEHALF OF THE MARYLAND DEPARTMENT OF THE ENVIRONMENT:</p> <p>4 MARIO CORA</p> <p>5 Division Chief</p> <p>6 SUNA SARISCAK</p> <p>7 Unit Lead Engineer</p> <p>8 NISCHAL SUBEDI</p> <p>9 Project Engineer</p> <p>10 SHANNON HEAFEY</p> <p>11 Public Participation Coordinator</p> <p>12 Air Quality Permits Program</p> <p>13 Air and Radiation Administration</p> <p>14 Maryland Department of the Environment</p> <p>15 1800 Washington Boulevard</p> <p>16 Baltimore, Maryland 21230</p> <p>17 shannon.heafey@maryland.gov</p> <p>18 (410) 537-4433</p> <p>19</p> <p>20</p> <p>21</p> | <p style="text-align: right;">4</p> <p>1 installation and operation of two new multiple chambered</p> <p>2 medical waste incinerators, each with a rated capacity of</p> <p>3 burning 550 pounds per hour and are equipped with an air</p> <p>4 pollution control system and one natural gas-fired</p> <p>5 emergency generator rated at 1000 kilowatts will meet all</p> <p>6 applicable air quality rules and regulations and may be</p> <p>7 issued.</p> <p>8 This hybrid hearing is to offer citizens the</p> <p>9 opportunity to formally comment on the Department's</p> <p>10 tentative determination and draft permit conditions.</p> <p>11 Notification of this hearing appeared in the</p> <p>12 Frederick News Post on October 8th and October 15th,</p> <p>13 2025. A docket of information containing the air quality</p> <p>14 application, the tentative determination, and draft</p> <p>15 permit conditions is available on the MDE website. It's</p> <p>16 under the Air tab and then over to the Air Quality</p> <p>17 Permits Program. You can scroll down to the table that</p> <p>18 says Scheduled Hearing, and click on the docket tab to</p> <p>19 get that information.</p> <p>20 Statements recorded tonight or submitted in</p> <p>21 writing to the Department during the comment period will</p> |

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| <p style="text-align: right;">5</p> <p>1 be kept on file at the Department for a minimum of five</p> <p>2 years. The comment period will remain open through</p> <p>3 November 7th, 2025. The community has the opportunity to</p> <p>4 request a onetime 60-day extension to that comment</p> <p>5 period. I just need to have that submitted to me in</p> <p>6 writing. Via email is fine. It has to be in before the</p> <p>7 November 7th deadline.</p> <p>8 If an extension is requested and granted, a</p> <p>9 notice will be sent to all the people who participated</p> <p>10 and signed up so that they would be -- you know, and</p> <p>11 input on our website and sent out to our local elected</p> <p>12 officials to let people know the new -- whatever the new</p> <p>13 expiration date would be.</p> <p>14 All comments received at the conclusion of the</p> <p>15 comment period will be reviewed and addressed in</p> <p>16 "response to comments" document, which will be prepared</p> <p>17 by the Department and sent to the commenters and others</p> <p>18 who participated in the public review process for this</p> <p>19 permit application. If the Department does not receive</p> <p>20 any comments it considers to be adverse to the tentative</p> <p>21 determination, that determination will become the final</p> | <p style="text-align: right;">7</p> <p>1 part of testimony and will not be addressed tonight.</p> <p>2 They will all be addressed in that "response to comments"</p> <p>3 document.</p> <p>4 Elected officials will be invited to speak</p> <p>5 first, and then we'll take formal comments from those</p> <p>6 who've signed up to speak on the sign-in sheet here, and</p> <p>7 then we will invite the people who have signed up</p> <p>8 virtually to make their statements. And I have to ask</p> <p>9 the people who have signed up, if we don't already have</p> <p>10 your registration information, please submit your name</p> <p>11 and your email in the Q&amp;A chat so that I have a record</p> <p>12 and I can make sure you receive updates as we go through</p> <p>13 this process.</p> <p>14 So, okay, so I'm going to invite Mr. Subedi --</p> <p>15 do you --</p> <p>16 MS. SARISCAK: Mario is going to go first.</p> <p>17 MS. HEAFEY: Oh, you're going to start, Mario?</p> <p>18 Sorry, this is Mario Cora.</p> <p>19 MR. CORA: Thank you, Shannon.</p> <p>20 Good evening. My name is Mario Cora. I am the</p> <p>21 Division Chief of the Combustion and Metallurgical</p>                                                                                                           |
| <p style="text-align: right;">6</p> <p>1 decision and the permit will be issued.</p> <p>2 If the Department does receive comments it</p> <p>3 deems adverse to the tentative determination, it will</p> <p>4 make a final determination whether to issue or deny the</p> <p>5 permit. A notice of final determination will be placed</p> <p>6 in the legal section of a newspaper of general</p> <p>7 circulation in the area, placed on the MDE Air Quality</p> <p>8 Permits page, and mailed or emailed to those who have</p> <p>9 participated in the public review process for this permit</p> <p>10 application.</p> <p>11 Any person contending that they will be</p> <p>12 adversely affected by the Department's final</p> <p>13 determination may seek remedy within the Circuit Court</p> <p>14 system of Maryland. In this case, it will be for</p> <p>15 Frederick County. It has to be filed within 30 days</p> <p>16 after the publication of the notice of final</p> <p>17 determination.</p> <p>18 Mr. Subedi will give a brief presentation about</p> <p>19 the tentative determination and the permit process, and</p> <p>20 then comments for the record are invited. Please note</p> <p>21 any questions that are raised tonight will be considered</p>                                                                            | <p style="text-align: right;">8</p> <p>1 Division for the Air Quality Permits Program, Maryland</p> <p>2 Department of the Environment, also here known as MDE or</p> <p>3 the Department. Next to me is sitting Mr. Nischal</p> <p>4 Subedi. He serves and is serving as the project engineer</p> <p>5 for the review process.</p> <p>6 Stated before, tonight, we are sharing some of</p> <p>7 the key points related to the draft air quality permit</p> <p>8 that our team has worked on and drafted since the arrival</p> <p>9 of Fort Detrick's permit to construct application a</p> <p>10 little bit more than a year ago. Next slide.</p> <p>11 Before going over the key elements of the draft</p> <p>12 permit and approvals, I would like to spend some time</p> <p>13 sharing a little bit of brief information on the</p> <p>14 milestones of this permitting process. First bullet</p> <p>15 there, the Department received an air quality permit</p> <p>16 application from the U.S. Army Garrison Fort Detrick, and</p> <p>17 that application was received -- and a complete</p> <p>18 application was received on October 29th, 2004 -- '24,</p> <p>19 excuse me.</p> <p>20 As stated in the permit application, this</p> <p>21 project proposes to construct and operate two multiple</p> |

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| <p style="text-align: right;">9</p> <p>1 medical waste incinerators and one certified natural gas-</p> <p>2 fired emergency generator. As part of this process, we</p> <p>3 performed a completeness review of the application. At</p> <p>4 the very end -- at the beginning, we did what is called a</p> <p>5 public information meeting. And that meeting was</p> <p>6 conducted February 26th, 2025. The meeting was held here</p> <p>7 at Frederick, Maryland, and that allowed the general</p> <p>8 public the opportunity to ask questions about the</p> <p>9 permitting process and receive information about the</p> <p>10 project.</p> <p>11 After the informational meeting was completed,</p> <p>12 we went back to the agency over the next weeks and</p> <p>13 months, and we did a comprehensive technical review of</p> <p>14 the application. And after that review -- technical</p> <p>15 review, we -- the Department has made a tentative</p> <p>16 determination that the project meets the air -- the</p> <p>17 applicable federal, state, and air quality regulations.</p> <p>18 That's where we are now. I will now turn it</p> <p>19 over to Mr. Nischal Subedi, who obviously is the project</p> <p>20 engineer and will provide more information about the</p> <p>21 entire process and the climate. Next slide.</p>                | <p style="text-align: right;">11</p> <p>1 existing medical waste incinerator units is no longer a</p> <p>2 viable option. As such, the Permittee has made plans to</p> <p>3 install two replacement medical waste incinerator units,</p> <p>4 each rated at 550 pounds per hour.</p> <p>5 In addition, as part of this permitting action,</p> <p>6 the Permittee also plans to install one certified natural</p> <p>7 gas-fired emergency generator rated at 1000 kilowatt to</p> <p>8 support the operation of medical waste incinerator in</p> <p>9 power outage. Next slide.</p> <p>10 Now, I will offer an overview of the air</p> <p>11 pollution control system that goes along with the</p> <p>12 incinerators. This slide presents a summary of the most</p> <p>13 relevant components of the air pollution control system</p> <p>14 and some of the principles of operation; however, before</p> <p>15 we go into the details of the system, it is pertinent to</p> <p>16 briefly talk about air emissions.</p> <p>17 Medical waste incinerators are a known source</p> <p>18 of air emissions, with various pollutants being released</p> <p>19 during medical waste combustion. The emissions</p> <p>20 associated with the proposed medical waste incinerator</p> <p>21 installation include: particulate matter, carbon</p>                           |
| <p style="text-align: right;">10</p> <p>1 MR. SUBEDI: Thank you, Mario.</p> <p>2 Now to better understand the technical review,</p> <p>3 it is pertinent to provide some background information of</p> <p>4 the facility and the equipment that will be installed and</p> <p>5 operated. U.S. Army Garrison at Fort Detrick is a</p> <p>6 federal military installation located within the city</p> <p>7 limits of Frederick, Maryland, in Frederick County. Fort</p> <p>8 Detrick houses several medical research laboratories and</p> <p>9 a worldwide communications area and satellite dishes for</p> <p>10 satellite tracking. Consequently, the facility's</p> <p>11 equipment list includes steam-generating boilers, space-</p> <p>12 heating boilers, two medical waste incinerators, and</p> <p>13 emergency generators.</p> <p>14 Two existing medical waste incinerator units,</p> <p>15 that is, Unit B5 and B6, were installed in June 1995 in</p> <p>16 Building 393. Each were rated at a capacity of 1,000</p> <p>17 pounds per hour and equipped with an emission-control</p> <p>18 system and a waste heat recovery boiler. However, both</p> <p>19 units have been out of service since 2018 due to the</p> <p>20 equipment age and cost of maintenance. Accordingly, the</p> <p>21 Permittee expressed that the continued use of the</p> | <p style="text-align: right;">12</p> <p>1 monoxide, dioxins or furans, hydrogen chloride, sulfur</p> <p>2 dioxide, nitrogen oxides, heavy metals, including lead,</p> <p>3 cadmium, and mercury, and volatile organic compounds.</p> <p>4 The U.S. EPA has developed and published</p> <p>5 emission limitations standards for the pollutants</p> <p>6 originating from medical waste incinerators. The</p> <p>7 limitations have been published in Federal Regulation</p> <p>8 NSPS, Subpart Ec, Table 1B. Applicable emissions</p> <p>9 limitations are included in the draft permit to</p> <p>10 construct. These emission standards are crucial for</p> <p>11 minimizing environmental impacts and ensuring compliance</p> <p>12 with the regulatory frameworks designed to protect air</p> <p>13 quality and public health.</p> <p>14 Now let's go back to the diagram. This is the</p> <p>15 basic air pollution control system configuration. In</p> <p>16 this process, the hot flue gas exiting the incinerator is</p> <p>17 initially cooled to saturation within an evaporative</p> <p>18 quencher. This quencher operates as a low-pressure-drop</p> <p>19 Venturi system, effectively removing particulates larger</p> <p>20 than five microns in diameter. The cooled gas then</p> <p>21 enters the condenser or absorber unit, where acid gases</p> |

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| <p style="text-align: right;">13</p> <p>1 and sulfur dioxides are eliminated and sub-cooling occurs</p> <p>2 to facilitate the removal of heavy metals such as lead,</p> <p>3 cadmium, and mercury.</p> <p>4 Following this stage, the flue gas is directed</p> <p>5 through a high-efficiency Venturi scrubber for fine</p> <p>6 particulate removal, then proceeds through an entrainment</p> <p>7 separator, induced draft fan, and heater. The heated gas</p> <p>8 subsequently passes through a particulate polishing</p> <p>9 filter, which captures any remaining sub-micron fly ash</p> <p>10 and condensed metals not removed in earlier stages. A</p> <p>11 rotary airlock mechanism enables automatic removal of</p> <p>12 collected particulates.</p> <p>13 Next, the treated gas flows through a carbon</p> <p>14 bed adsorber, designed for the removal of dioxins,</p> <p>15 furans, and enhanced mercury capture. Finally, the fully</p> <p>16 treated fuel gas exits the system via an interconnecting</p> <p>17 duct and is safely released through this step. Next</p> <p>18 slide, please.</p> <p>19 Based on the estimated air emissions, the</p> <p>20 proposed project required U.S. Army Garrison at Fort</p> <p>21 Detrick to prepare and submit a standalone document,</p>                                            | <p style="text-align: right;">15</p> <p>1 emissions, sulfur content in the fuels, and nuisance and</p> <p>2 odors.</p> <p>3 The permit also includes emission limitations</p> <p>4 for dioxins and furans, hydrogen chloride, sulfur</p> <p>5 dioxide, toxic metals like cadmium, mercury, lead, and</p> <p>6 visible emissions. The permit also includes operating</p> <p>7 requirements as well as testing, monitoring,</p> <p>8 recordkeeping, and reporting requirements. Next slide.</p> <p>9 Now, I will be talking about specific parts of</p> <p>10 the draft permit, including compliance, demonstration,</p> <p>11 operating and monitoring requirements, recordkeeping, and</p> <p>12 notification and reporting requirements. To begin, the</p> <p>13 Permittee must demonstrate initial compliance with all</p> <p>14 applicable emissions limits. This will be done through</p> <p>15 stack emissions testing using applicable EPA reference</p> <p>16 methods.</p> <p>17 These standardized methods ensure consistency</p> <p>18 and accuracy in measuring pollutants from the stack.</p> <p>19 It's a onetime but crucial step to validate that the</p> <p>20 system is operating within permitted emission levels from</p> <p>21 the outset. For carbon monoxide, the Permittee is</p>            |
| <p style="text-align: right;">14</p> <p>1 which contained a permit to construct application, along</p> <p>2 with nonattainment new source review and prevention of</p> <p>3 significant deterioration analysis.</p> <p>4 The increase in project emissions, based on the</p> <p>5 potential to emit of the new units, does not exceed the</p> <p>6 significant emission rates under nonattainment new source</p> <p>7 review or the major source thresholds under prevention of</p> <p>8 significant deterioration. Therefore, the project does</p> <p>9 not require these approvals in addition to a permit to</p> <p>10 construct, since the project by itself is not a major</p> <p>11 source of air pollution.</p> <p>12 These documents were submitted with all the</p> <p>13 necessary supporting documentation sufficient to perform</p> <p>14 a comprehensive technical review as required by the</p> <p>15 Department. Next slide.</p> <p>16 MDE has drafted a permit to construct for this</p> <p>17 project. Here are some of the key aspects of the permit</p> <p>18 to construct. The PTC includes federal standards that</p> <p>19 are applicable to medical waste incinerators and the</p> <p>20 engine powering the stationary emergency generator. The</p> <p>21 permit also included state regulations that limit visible</p> | <p style="text-align: right;">16</p> <p>1 required to demonstrate continuous compliance. This will</p> <p>2 be achieved through the installation and use of</p> <p>3 continuous emissions monitoring systems. While the draft</p> <p>4 permit mentions the potential use of continuous emissions</p> <p>5 monitoring systems for other pollutants, federal</p> <p>6 regulation only mandates continuous emissions monitoring</p> <p>7 systems for carbon monoxide emissions.</p> <p>8 Fort Detrick has clarified that they will only</p> <p>9 install continuous emissions monitoring systems for</p> <p>10 carbon monoxide, which aligns with the regulatory</p> <p>11 requirement. Finally, to ensure ongoing compliance, the</p> <p>12 Permittee will conduct subsequent stack emissions testing</p> <p>13 at regular intervals using applicable EPA reference</p> <p>14 methods.</p> <p>15 Additionally, the Permittee will implement</p> <p>16 continuous monitoring of key operating parameters of</p> <p>17 things such like temperature, flow rates, and control</p> <p>18 device performance. This provides assurance that the</p> <p>19 system continues to operate properly and within all</p> <p>20 emissions limits over time. Next slide.</p> <p>21 The Permittee is required to ensure that all</p> |

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| <p style="text-align: right;">17</p> <p>1 operations are conducted strictly in line with the</p> <p>2 specifications provided in the permit application.</p> <p>3 Additionally, the operation should follow all recommended</p> <p>4 procedures and guidelines provided by the equipment</p> <p>5 manufacturers or vendors. This ensures that the system</p> <p>6 performs safely, efficiently and within the parameters</p> <p>7 set both by regulatory and design requirements.</p> <p>8 As part of the compliance obligations, the</p> <p>9 Permittee is required to monitor all operating parameters</p> <p>10 listed in the permit which pertain specifically to</p> <p>11 medical waste incinerators. These parameters are</p> <p>12 essential for verifying the consistent and compliant</p> <p>13 performance of the incineration system. The monitoring</p> <p>14 provides real-time data that supports both operational</p> <p>15 decision-making and regulatory reporting.</p> <p>16 In addition to monitoring, the Permittee must</p> <p>17 regularly inspect and maintain the incinerator and</p> <p>18 associated equipment. This is critical to ensure that</p> <p>19 all systems function properly and within permitted</p> <p>20 limits. Preventive maintenance helps minimize the risk</p> <p>21 of unplanned downtime emissions excursions or safety</p> | <p style="text-align: right;">19</p> <p>1 operational activities.</p> <p>2 The Permittee must also notify the Department</p> <p>3 in advance of any planned performance testing. This</p> <p>4 includes submitting testing protocols for prior review</p> <p>5 and approval, which allows the Department to ensure the</p> <p>6 methodology meets regulatory standards. Following the</p> <p>7 performance tests, all test results must be submitted for</p> <p>8 official record and compliance validation. If a</p> <p>9 malfunction occurs or if there is an excess emissions</p> <p>10 event, the Permittee is obligated to report it to the</p> <p>11 Department. Timely reporting is essential for</p> <p>12 transparency and allows the Department to assess the</p> <p>13 cause, impact, and corrective actions taken.</p> <p>14 Each year, the Permittee must submit a written</p> <p>15 report that includes the following: total emissions from</p> <p>16 the previous calendar year and results from an analysis</p> <p>17 of emissions of toxic air pollutants. This annual report</p> <p>18 is a key component of ongoing compliance, ensuring that</p> <p>19 emissions are tracked, analyzed, and compared against</p> <p>20 permit limits and applicable health-based standards.</p> <p>21 Next slide.</p> |
| <p style="text-align: right;">18</p> <p>1 incidents. These measures ensure the incinerator</p> <p>2 operates efficiently, safely, and within environmental</p> <p>3 performance standards set by the permit. Next slide.</p> <p>4 The Permittee is required to maintain many</p> <p>5 records regarding the medical waste incinerators and the</p> <p>6 generator. All records must be maintained for a minimum</p> <p>7 of five years and make the records available to the</p> <p>8 Department. For example, the Permittee will be required</p> <p>9 to record operating parameters, performance test results,</p> <p>10 malfunctions, and corrective action taken, air pollution</p> <p>11 control device inspection reports, and required</p> <p>12 maintenance and repair actions.</p> <p>13 The Permittee will also be required to document</p> <p>14 the maintenance procedures on the incinerators and air</p> <p>15 pollution control systems. Next Slide.</p> <p>16 To begin, the Permittee is required to provide</p> <p>17 written notification to the Department when construction</p> <p>18 of the registered equipment has commenced and again when</p> <p>19 commercial operations begin. This ensures the Department</p> <p>20 is informed of key project milestones and can verify</p> <p>21 compliance from the outset of installation and</p>           | <p style="text-align: right;">20</p> <p>1 Fort Detrick currently operates under a federal</p> <p>2 Title V - Part 70 operating permit because the facility</p> <p>3 as a whole is a major source of air pollution. This type</p> <p>4 consolidates all air quality requirements -- federal and</p> <p>5 state -- into a single enforceable document. The Title V</p> <p>6 permit also requires ongoing monitoring, recordkeeping,</p> <p>7 reporting, and compliance certification to ensure</p> <p>8 environmental standards are continuously met.</p> <p>9 After the installation of this new equipment,</p> <p>10 Fort Detrick will be required to submit an application</p> <p>11 for a significant modification to its existing Title V</p> <p>12 permit. A significant modification is triggered when</p> <p>13 there are substantial changes to emissions, control</p> <p>14 equipment, or operational practices that could affect</p> <p>15 permit conditions. This application will be submitted at</p> <p>16 a later time.</p> <p>17 Until the Title V permit is officially modified</p> <p>18 and reissued, Fort Detrick must fully comply with all</p> <p>19 applicable conditions in the current permit to construct.</p> <p>20 Next slide.</p> <p>21 All information related to this air</p>                 |

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| <p style="text-align: right;">21</p> <p>1 quality permit to construct application is posted on<br/> 2 a dedicated online webpage here. Written comments<br/> 3 may be submitted via email to Ms. Shannon Heafey at<br/> 4 shannon.heafey@maryland.gov. Written comments may be<br/> 5 submitted through November 7th, 2025. The comment<br/> 6 period may be extended one time for an additional 60<br/> 7 days by emailing Shannon Heafey by November 7th, 2025.<br/> 8 And thank you, guys. So I will pass to Shannon<br/> 9 now.<br/> 10 MS. HEAFEY: Thank you. Well, I'd like to<br/> 11 invite people who would like to make a statement for the<br/> 12 record to come up, and we always invite our elected<br/> 13 officials to come first. I have Delegate Fair. Did you<br/> 14 want to make a statement? Thank you.<br/> 15 DEL. FAIR: Hi. Thank you so much. And I'm<br/> 16 just catching up with this. I apologize. I know that<br/> 17 there was a requirement that says that all state<br/> 18 officials should be notified of this. I don't believe --<br/> 19 MS. HEAFEY: Well, it's local officials. So it<br/> 20 would be -- I'm so sorry. It would be the delegates and<br/> 21 senators within the area and one mile around it.</p> | <p style="text-align: right;">23</p> <p>1 capacity -- an existing incinerator from 1995 to 2018<br/> 2 that was operating at Fort Detrick, but it has not been<br/> 3 in operation since. And we actually have had multiple<br/> 4 referendum discussions with the County over the idea of<br/> 5 countywide incinerators that have been voted down by<br/> 6 constituents repeatedly.<br/> 7 So I'd like for all of us to at least recall<br/> 8 and remember that the community has weighed in on<br/> 9 incinerators in multiple capacities over time. I was<br/> 10 getting some last-second questions from some of my<br/> 11 colleagues who were unable to attend tonight, and they<br/> 12 were curious if there was any data. I understand there's<br/> 13 an air pollution control system being put in, but if<br/> 14 there is any data that we have about what the<br/> 15 expectations for increase in local particulate pollution,<br/> 16 as well as GHG will be, due to the devices being put in<br/> 17 and reactivated.<br/> 18 MS. HEAFEY: Okay, so generally speaking at a<br/> 19 hearing we take testimony --<br/> 20 DEL. FAIR: Oh, sure.<br/> 21 MS. HEAFEY: -- whether it's questions or not,</p> |
| <p style="text-align: right;">22</p> <p>1 DEL. FAIR: Okay.<br/> 2 MS. HEAFEY: All of the elected officials like<br/> 3 in the communities, the mayors, county councilmen, and<br/> 4 our delegates. And, so, it's pretty much everybody<br/> 5 within the area and then within one mile around.<br/> 6 DEL FAIR: Thank you. So Delegate Chris Fair.<br/> 7 I represent District 3, which includes Fort Detrick, in<br/> 8 the Maryland General Assembly. And I will say I only<br/> 9 learned about this because County Councilmember M.C.<br/> 10 Keegan-Ayer, who's back there, sent this email to me to<br/> 11 inform my office. I will double check my email with my<br/> 12 staff to make sure that that is --<br/> 13 MS. HEAFEY: Oh, actually, that would be great<br/> 14 because if I did send it to the wrong email address, I'd<br/> 15 love to get the right one.<br/> 16 DEL. FAIR: Yeah, that would be great.<br/> 17 MS. HEAFEY: Thank you<br/> 18 DEL. FAIR: Thank you very much. So,<br/> 19 obviously, we have significant concerns on incinerators.<br/> 20 The County has had a longstanding record of voting on<br/> 21 these issues over and over again. I know that we had a</p>                                                  | <p style="text-align: right;">24</p> <p>1 and then we don't answer that until the end.<br/> 2 DEL. FAIR: Perfect.<br/> 3 MS. HEAFEY: So what we can do is go -- since<br/> 4 you are playing catch up, we'll go through stuff with you<br/> 5 after the hearing if that's okay. We'll get the<br/> 6 information you need, and I don't have the answer; they<br/> 7 do. I'll get it for you.<br/> 8 DEL. FAIR: No, that's fine. And I'll email<br/> 9 your office. I'll get your email information and shoot<br/> 10 you an email to get it open. So I really appreciate you<br/> 11 coming out and --<br/> 12 MS. HEAFEY: If you have more questions, go<br/> 13 ahead and put them into the statement because then we'll<br/> 14 get them to everybody.<br/> 15 DEL. FAIR: No, no questions. No more<br/> 16 questions. Just thank you so much for holding this<br/> 17 community hearing and look forward to engaging on this<br/> 18 issue. Thank you.<br/> 19 MS. HEAFEY: Thank you.<br/> 20 I'm getting spam calls while we're having our<br/> 21 hearing. Lovely. Sorry. Councilmember Keegan-Ayer, did</p>                                                                                                        |

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| <p style="text-align: right;">25</p> <p>1 you want to make a statement?</p> <p>2 MS. KEEGAN-AYER: Nope, I talked last time.</p> <p>3 I'm good.</p> <p>4 MS. HEAFEY: Okay, great.</p> <p>5 Does anybody -- who else would like to make a</p> <p>6 statement? I don't have anybody else signed up right</p> <p>7 here, but if you want to think about it, do we have</p> <p>8 people online who would like to?</p> <p>9 MR. SMITH: Good afternoon, Jennifer. I have</p> <p>10 added you as a contributor. Please let me know if you</p> <p>11 can hear us and then come off mute and make your</p> <p>12 statement. If possible, could you spell your first and</p> <p>13 last name as well.</p> <p>14 (Online participant not audible.)</p> <p>15 MS. HEAFEY: Can you ask her to hold on a</p> <p>16 second.</p> <p>17 MR. SMITH: Hey, Jennifer, could you hold on</p> <p>18 one second? We're going to set up audio in the room real</p> <p>19 quick.</p> <p>20 Hi, Jennifer, can you restart?</p> <p>21 MS. KUNZE: Yes, Jennifer Kunze here. That's J</p>                                                                                                                                                                                                                                                                                                                                                   | <p style="text-align: right;">27</p> <p>1 Approving this permit would also contradict</p> <p>2 Maryland's goals on environmental justice. The census</p> <p>3 tract immediately to the south of Area A, just half a</p> <p>4 mile away from the proposed site for this medical waste</p> <p>5 incinerator, has an EJ score of 85 and is both</p> <p>6 underserved and overburdened according to the definitions</p> <p>7 in Maryland State law. And the same is true for two</p> <p>8 other census tracts to the south within a mile of the</p> <p>9 proposed location for the medical waste incinerator.</p> <p>10 And these air emissions have significant</p> <p>11 impacts on people's health. Like I mentioned, I grew up</p> <p>12 just outside of Area A, and I have multiple immune system</p> <p>13 and autoimmune health issues, as does every member of my</p> <p>14 family. I'm not making a direct causation relationship</p> <p>15 with that. Obviously you never can, but it is a very big</p> <p>16 concern.</p> <p>17 And the -- where I live now in Baltimore, there</p> <p>18 is an operational medical waste incinerator, a much</p> <p>19 larger facility with many other problems, but to</p> <p>20 illustrate the kinds of impacts these facilities can</p> <p>21 have, a study that came out this year found that the</p> |
| <p style="text-align: right;">26</p> <p>1 E N N I F E R, K U N Z E. And I did not register in</p> <p>2 advance, so I put my email address in the Q&amp;A. I am the</p> <p>3 Maryland organizing director with Clean Water Action, and</p> <p>4 I also grew up and my family still lives right outside of</p> <p>5 Fort Detrick's Area A. So I was growing up during the</p> <p>6 time that the previous medical waste incinerator was</p> <p>7 operational. I remember while attending Monocacy Middle</p> <p>8 School, it was actually a frequent topic of conversation</p> <p>9 among students, what was getting burned in the medical</p> <p>10 waste incinerator, especially on days when the air was a</p> <p>11 little bit funky.</p> <p>12 And I'm very concerned, we're very concerned,</p> <p>13 about reopening the medical waste incinerator. Medical</p> <p>14 waste incineration is among the most polluting industrial</p> <p>15 sources per ton of waste treated. And according to the</p> <p>16 EPA, medical waste incinerators are the second largest</p> <p>17 source of dioxin emissions in the country. Even when</p> <p>18 incinerator emissions are technically within limits, the</p> <p>19 additional release of dioxins, heavy metals, and fine</p> <p>20 particulate matter contradicts Maryland's goals for</p> <p>21 reducing air toxics and improving nonattainment status.</p> | <p style="text-align: right;">28</p> <p>1 current -- the Baltimore medical waste incinerator causes</p> <p>2 \$36.9 million a year worth of health damages from just</p> <p>3 four of the pollutants that it emits.</p> <p>4 Frederick County is already in ozone</p> <p>5 nonattainment under the Clean Air Act, meaning regional</p> <p>6 air quality is unhealthy and any new combustion source</p> <p>7 exacerbates the ozone precursor burden. And like the</p> <p>8 Delegate already mentioned, Frederick also has a very</p> <p>9 long history of rejecting incineration of waste as an</p> <p>10 option for waste management.</p> <p>11 So want to register really grave concerns about</p> <p>12 this tentative permit determination and urge that</p> <p>13 alternatives -- noncombustion-based alternatives for the</p> <p>14 disposal of medical waste be considered instead. Thank</p> <p>15 you.</p> <p>16 MS. HEAFEY: Thank you.</p> <p>17 Is there anyone else?</p> <p>18 MR. SMITH: All right. Thank you, Jennifer.</p> <p>19 Is there anyone else online that would like to</p> <p>20 leave a comment?</p> <p>21 (No response.)</p>                                                                                                                                                                                             |

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| <p style="text-align: right;">29</p> <p>1 MR. SMITH: We have no more online participants</p> <p>2 who'd like to comment.</p> <p>3 MS. HEAFEY: We're checking online to see if</p> <p>4 folks would like to make a statement.</p> <p>5 We're still waiting online to see if folks want</p> <p>6 to make a statement.</p> <p>7 MS. SARISCAK: No, I think that -- I don't</p> <p>8 think there's anybody else at this point.</p> <p>9 MS. HEAFEY: There's no one else right now?</p> <p>10 MS. SARISCAK: Are we good?</p> <p>11 MR. SMITH: We're good.</p> <p>12 MS. SARISCAK: We're good.</p> <p>13 MS. HEAFEY: Okay. So there's nobody who's</p> <p>14 joined us online that would like to make a statement. Is</p> <p>15 there anyone else here this evening that might like to</p> <p>16 make or amend their statement?</p> <p>17 (No response.)</p> <p>18 MS. HEAFEY: Okay, well, I will adjourn this</p> <p>19 hearing tonight right now, which I have done this. And</p> <p>20 we can stay by and answer some questions afterward.</p> <p>21 Let's see, we're ending it at 6:42 p.m. I want to thank</p>                                          | <p style="text-align: right;">31</p> <p>1 MS. HEAFEY: Actually, that's a good idea.</p> <p>2 Anybody who -- please make sure I can read your emails</p> <p>3 because I'm really bad at guessing.</p> <p>4 (Hearing concluded at 6:43 p.m.)</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p>                                                                                                                                                                                                                                                                                                                                                      |
| <p style="text-align: right;">30</p> <p>1 everyone for coming out. Thanks everyone who was here.</p> <p>2 MS. SARISCAK: Comments could be submitted.</p> <p>3 MS. HEAFEY: Oh, sorry.</p> <p>4 MS. SARISCAK: Just to remind everybody,</p> <p>5 November 7th.</p> <p>6 MS. HEAFEY: Yes. So, yeah, the deadline is</p> <p>7 November 7th to submit comments, unless someone would</p> <p>8 like to request a 60-day extension to the comment period,</p> <p>9 which I would need to have in writing by November 7th.</p> <p>10 And if we do get a request for an extension, we'll notify</p> <p>11 folks via email. It'll be on our website. We'll be</p> <p>12 contacting the elected officials.</p> <p>13 And I will put my business cards out. I forgot</p> <p>14 to do that. If anyone has questions, feel free to give</p> <p>15 me a call. Yes?</p> <p>16 AUDIENCE MEMBER: Did you say how we would be</p> <p>17 notified if there was an extension made?</p> <p>18 MS. HEAFEY: If you've signed in, I have your</p> <p>19 email address, I hope, and I will be notifying you that</p> <p>20 way.</p> <p>21 AUDIENCE MEMBER: Cool, thank you.</p> | <p style="text-align: right;">32</p> <p>1 CERTIFICATE OF COURT REPORTER</p> <p>2</p> <p>3 I, Camaron Nelms, do hereby certify that the</p> <p>4 foregoing transcription was reduced to typewriting via</p> <p>5 audiotapes recorded by me; that I am neither counsel for,</p> <p>6 nor related to, nor employed by any of the parties to the</p> <p>7 case in which these proceedings were transcribed; that I</p> <p>8 am not a relative or employee of any attorney or counsel</p> <p>9 employed by the parties hereto, nor financially or</p> <p>10 otherwise interested in the outcome of the action.</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15 s/Cameron Nelms</p> <p>16 CAMARON NELMS</p> <p>17 Court Reporter</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p> |

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| <b>K</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>K</b> 26:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
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| <b>kilowatt</b> 11:7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>kilowatts</b> 4:5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>kinds</b> 27:20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>know</b> 5:10,12 21:16<br>22:21 25:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
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| <b>Kunze</b> 25:21,21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>L</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
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| <b>larger</b> 12:19 27:19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>largest</b> 26:16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
| <b>last-second</b> 23:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                  |
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| 9:6 21:5,7                 |                              |  |  |  |
| <b>21230</b> 2:16          |                              |  |  |  |
| <b>21702</b> 1:12          |                              |  |  |  |
| <b>24</b> 8:18             |                              |  |  |  |
| <b>26th</b> 9:6            |                              |  |  |  |
| <b>29</b> 1:10             |                              |  |  |  |
| <b>29the</b> 8:18          |                              |  |  |  |
|                            |                              |  |  |  |
| <b>3</b>                   |                              |  |  |  |
| <b>3</b> 22:7              |                              |  |  |  |
| <b>30</b> 6:15             |                              |  |  |  |
| <b>36.9</b> 28:2           |                              |  |  |  |
| <b>393</b> 10:16           |                              |  |  |  |