

From: (b) (6)
To: (b) (6)
Cc: (b) (6)
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study
Date: Friday, August 12, 2022 3:49:50 PM
Attachments: (b) (6)

Hi Kristina,

Please see comments on the Draft Storm Risk Management Study below. I have attached an exhibit to accompany these comments. Please let us know if you would like to coordinate further discussions. Thanks, have a great weekend.

Brian

Global Comments:

- MWAA would like the opportunity to have further discussions and/or web conference calls to review potential measures applicable to DCA, the limitations and logistics involved in implementation, and capital costs associated with proposed measures. MWAA would like to ensure the US Army Corps is fully aware of the constraints that exist at DCA.
- The measures included in Alternative 4B would lead to capital expenditures that MWAA does not have funding allocated for these capital improvements. Are federal funds available for any recommendations that are adopted? It appears Army Corps is recommending to raise levee road, MWAA Concerns include: 1. Operational capabilities of three runways cannot be impacted, 2. MWAA has concerns over implementation and constructability, 3. MWAA has concerns of capital expenditures for Alternative 4b.
- It is not clear what a stop log closure is. Additional information is needed. Are these relocatable/temporary and if so what is required to make them operational? What is the capital cost to incorporate? What is the proposed new elevation of Levee Road?

Planning Scenario Comments:

- Need to fully understand flood risk scenario used for planning, likelihood, and potential flood depths specific to DCA (1 percent Annual Exceedance Probability **Figure 3-2, PDF page 109**). What year storm is the 'design storm'?
- Need to fully evaluate critical infrastructure that needs to be protected during storm surge. Equipment that would be difficult to recover quickly to resume operations:
 - Electronic infrastructure
 - Fuel farm
 - Localizer
 - EMAS
 - Airport ingress/egress

Runways would not be able to operate with “stop log closures” as shown, so would stop log closures be necessary? Alternatively, measures could allow for runways to be temporarily inundated and focus on protecting critical infrastructure.

- Existing levee road along east side of DCA is shown as not being inundated during 1 percent Annual Exceedance Probability (Report **Figure 3-2**). Therefore, is there a need to raise levee road in these areas? Could improvements concentrate in south and north airport areas to protect critical infrastructure?
- **Figure 3-2** Provide further clarification on the different flood depths (blue/light blue/dark blue).

Alternative 4B Comments/Concerns:

- Need to fully understand logistics of “deployable” “stop log closures”. A description of these measures is needed. These may not be feasible for MWAA to implement. May result in unacceptable runway closure periods. Particularly difficult to deploy if levee road is raised.
- Potential Permanent Alternatives to “Deployable” measures:
 - Need to look into additional opportunities to raise levee road or construct floodwalls around Runway 1-19 ends, at the outer end of the Runway Safety Areas.
 - Possibly raise Runway Safety Areas
 - Additional permanent floodwalls may be possible
- Need to understand logistics of implementation/construction of Alternative 4B. How would implementation impact airport operations? Barges and cranes are included in construction description (**PDF page 152**). These may require airspace analysis.
- Staging Area as shown may not be feasible. A staging area on a different part of the airport probably would be more feasible.
- **Figure 3-15** illustrates stop log closures/deployable measures at the runway ends. These measures are illustrated crossing runway ends, EMAS beds, and runway safety areas. These areas at runway ends are critical to aircraft operations at DCA. Measures should be shown at the furthest perimeter of DCA around runway ends to allow for safe aircraft operations. Additionally, elevations at these areas may allow for floodwalls up to a certain elevation. See the attached exhibit. Further discussions with MWAA are recommended to understand airfield and airspace constraints.

Brian Philiben | Managing Consultant

RICONDO

20 N CLARK STREET | SUITE 1500 | CHICAGO, IL 60602

TEL +1 312-606-0611 (b) (6) | **DIRECT** (b) (6) | **MOBILE** (b) (6)

This communication may contain privileged and/or confidential information and is intended for the sole use of addressee. If you are not the addressee you are hereby notified that any dissemination of this communication is strictly prohibited. Please promptly notify the sender by reply email and immediately delete this message from your system. Ricondo & Associates, Inc. (“Ricondo”) does not accept responsibility for the content of any email transmitted

for reasons other than approved business purposes. Regarding services for U.S. clients: Ricondo is not registered as a "municipal advisor" under Section 15B of the Securities Exchange Act of 1934 ("Section 15B") and Ricondo is not acting as a municipal advisor. This communication and any opinions, assumptions, views or information contained herein or in any attachment to this communication are not intended to be, and do not constitute, "advice" within the meaning of Section 15B.

From: May, Kristina (b) (6)
Sent: Monday, August 1, 2022 3:23 PM
To: (b) (6)
Cc: (b) (6)
(b) (6)
Subject: RE: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study

Brian,

Yes - MWAA can have until August 12 to submit comments.

Thanks,

Kristina May

Biologist, Planning Division

Baltimore District, U.S. Army Corps of Engineers

Office: 410-962-6100

Cell: (b) (6)

2 Hopkins Plaza, Baltimore, MD 21201

Email: (b) (6)

From: (b) (6)
Sent: Monday, August 1, 2022 12:09 PM
To: May, Kristina (b) (6)
Cc: (b) (6)
(b) (6)
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study

Hi Kristina,

As mentioned below, Metropolitan Washington Airports Authority (MWAA) has had personnel turnover as well as absences due to COVID/COVID protocol. With that in mind, MWAA is requesting additional review time for the DC Coastal Storm Risk Management Study, to the end of next week (August 12), if possible.

Please let us know if this would be possible and if you have any questions/concerns. Thank you for your understanding.

Brian Philiben | Managing Consultant

RICONDO

20 N CLARK STREET | SUITE 1500 | CHICAGO, IL 60602

TEL +1 312-606-0611 (b) (6) | **DIRECT** (b) (6) | **MOBILE** (b) (6)

This communication may contain privileged and/or confidential information and is intended for the sole use of addressee. If you are not the addressee you are hereby notified that any dissemination of this communication is strictly prohibited. Please promptly notify the sender by reply email and immediately delete this message from your system. Ricondo & Associates, Inc. ("Ricondo") does not accept responsibility for the content of any email transmitted for reasons other than approved business purposes. Regarding services for U.S. clients: Ricondo is not registered as a "municipal advisor" under Section 15B of the Securities Exchange Act of 1934 ("Section 15B") and Ricondo is not acting as a municipal advisor. This communication and any opinions, assumptions, views or information contained herein or in any attachment to this communication are not intended to be, and do not constitute, "advice" within the meaning of Section 15B.

From: May, Kristina (b) (6)**Sent:** Wednesday, June 29, 2022 8:25 AM**To:** (b) (6)**Subject:** RE: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study

Thanks for letting me know. I updated our contact list for this study.

Kristina May*Biologist, Planning Division*

Baltimore District, U.S. Army Corps of Engineers

Office: 410-962-6100

Cell: (b) (6)

2 Hopkins Plaza, Baltimore, MD 21201

Email: (b) (6)

From: (b) (6)**Sent:** Tuesday, June 28, 2022 10:02 AM**To:** May, Kristina (b) (6)**Subject:** (b) (6) RE: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study

Hi Kristina,

Tom Wasaff is no longer with the Metropolitan Washington Airports Authority (MWAA). For the time being, please add me to your distribution list on this project as I will be filling in as interim Environmental Planning staff with MWAA. Please continue to include Gregg Wollard on correspondence as well.

Thank you,

Brian Philiben | Managing Consultant

RICONDO

20 N CLARK STREET | SUITE 1500 | CHICAGO, IL 60602

TEL +1 312-606-0611 (b) (6) | **DIRECT** (b) (6) | **MOBILE** (b) (6)

This communication may contain privileged and/or confidential information and is intended for the sole use of addressee. If you are not the addressee you are hereby notified that any dissemination of this communication is strictly prohibited. Please promptly notify the sender by reply email and immediately delete this message from your system. Ricondo & Associates, Inc. ("Ricondo") does not accept responsibility for the content of any email transmitted for reasons other than approved business purposes. Regarding services for U.S. clients: Ricondo is not registered as a "municipal advisor" under Section 15B of the Securities Exchange Act of 1934 ("Section 15B") and Ricondo is not acting as a municipal advisor. This communication and any opinions, assumptions, views or information contained herein or in any attachment to this communication are not intended to be, and do not constitute, "advice" within the meaning of Section 15B.

From: (b) (6)
Sent: Monday, June 27, 2022 8:36 AM
To: (b) (6)
Cc: (b) (6)
Subject: FW: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study

Brian-

Not sure if you are plugged into this or not. Tom was our rep. If not, please reach out to Kristina and have her put you on the distro list and future meetings. This is something we need to keep an eye on since it will have impacts at DCA.

From: May, Kristina (b) (6)
Sent: Monday, June 27, 2022 8:28 AM
To: (b) (6)
Cc: (b) (6)
(b) (6)
Subject: RE: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study

<p>CAUTION: This email originated from outside of Airports Authority. Do not click links or open attachments unless you recognize the sender and have verified the authenticity of the message.</p>
--

The public and agency comment period has been extended for an additional 30 days. Please provide comments by July 31, 2022.

Thank you,

Kristina May

Biologist, Planning Division

Baltimore District, U.S. Army Corps of Engineers

Office: 410-962-6100

Cell: (b) (6)

2 Hopkins Plaza, Baltimore, MD 21201

Email: (b) (6)

From: May, Kristina (b) (6)

Sent: Tuesday, May 31, 2022 3:00 PM

To: (b) (6)

Cc: (b) (6)

(b) (6)

Subject: Notice of Availability of Draft Report and Environmental Assessment - DC Coastal Storm Risk Management Study

Greetings,

The Metropolitan Washington, District of Columbia, Coastal Storm Risk Management Feasibility Study Draft Integrated Feasibility Report and Environmental Assessment is available for public review for a period of 30 days. The documents are available via the USACE website at:

https://www.nab.usace.army.mil/DC_Coastal_Study/. Please submit comments to: DC-Metro-CSR-MS@usace.army.mil by June 30, 2022.

The U.S. Army Corps of Engineers, Baltimore District and the non-federal sponsor, the Metropolitan Washington Council of Governments, will hold a public meeting on June 14, 2022 at Belle View Elementary School from 6:00 pm to 8:00 pm to present the draft report and receive comments.

Please see the attached Public Notice for additional details.

Thank you,

Kristina May

Biologist, Planning Division

Baltimore District, U.S. Army Corps of Engineers

Office: 410-962-6100

Cell: (b) (6)

2 Hopkins Plaza, Baltimore, MD 21201

Email: (b) (6)