

Re: Index to Final Administrative Record
National Pollutant Discharge Elimination System (NPDES)
NPDES Permit Renewal

NPDES PERMIT NUMBER: DC0000019

PERMITTEE NAME:

Department of the Army
Baltimore District, Corps of Engineers
Washington Aqueduct Division

MAILING ADDRESS:

5900 MacArthur Boulevard, NW
Washington D.C. 20016-2514

RECEIVING STREAMS:

Potomac River, Rock Creek, Mill Creek and Little Falls Branch

#	Documents Information
1	EPA – Region III. “2008 NPDES Permit No. DC0000019.” October 20, 2008
2	EPA – Region III. “2008 NPDES Fact Sheet Permit No. DC0000019.” October 20, 2008
3	U.S. Army Corps of Engineers. “2013 Permit Reissuance Application.” May 14, 2013
4	EPA – Region III. “Washington Aqueduct Outfalls.” May 16, 2017
5	EPA – Region III. Email from Valerie Lopez-Carrasquillo, EPA to Thomas Jacobus, U.S. Army Corps of Engineers. “Information Requirement – Section 308.” June 06, 2017
5a	EPA – Region III. Letter from David B. McGuigan, EPA to Thomas Jacobus, U.S. Army Corps of Engineers. “Re: Request for Information Pursuant to Section 308.” May 26, 2017
6	U.S. Army Corps of Engineers. Email from Thomas Jacobus, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. “Site Visit to Washington Aqueduct Facility Outfalls.” August 18, 2017

6a	U.S. Army Corps of Engineers. "Site Visit to Washington Aqueduct Facility Outfalls Itinerary." August 23, 2017
7	U.S. Army Corps of Engineers. Letter from Thomas Jacobus, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "Request of Time Extension to Submit Supplemental Information." October 3, 2017
8	U.S. Army Corps of Engineers. Email from Shabir A. Choudhary, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Supplemental Data for Washington Aqueduct's NPDES Permit Application." October 10, 2017
8a	U.S. Army Corps of Engineers. Letter from Thomas Jacobus, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Supplemental Data for Washington Aqueduct's NPDES Permit Application Letter." October 3, 2017
8b	U.S. Army Corps of Engineers. "Attachment I – Permitted Discharge Locations." October 10, 2017
8c	U.S. Army Corps of Engineers. "Attachment II – Flow Schematic with Treatment Chemical Additions and NPDES Outfall Locations." October 10, 2017
8d	U.S. Army Corps of Engineers. "Attachment III – Discharge Streams by Outfalls and Expected Contaminants for Monitoring." October 10, 2017
8e	U.S. Army Corps of Engineers. "Attachment IV – Historical Potomac River Water Characterization Data." October 10, 2017
8f	U.S. Army Corps of Engineers. "Attachment V – Dalecarlia WTP Finished Drinking Water Characterization Data (Outfall 008 & 009)." October 10, 2017
8g	U.S. Army Corps of Engineers. "Attachment VI – McMillan WTP Finished Drinking Water Characterization Data (Outfall 008 & 009)." October 10, 2017
8h	U.S. Army Corps of Engineers. "Attachment VII – Representative Sample Characterization Data (Outfall 002, 003, 004, 006 & 007)." October 10, 2017
9	EPA – Region III. Email from Valerie Lopez-Carrasquillo, EPA to Shabir A. Choudhary, U.S. Army Corps of Engineers. "Washington Aqueduct Draft Permit and Fact Sheet." May 2, 2018

10	EPA – Region III. Email from Francisco Cruz, EPA to James Bemis, U.S. Army Corps of Engineers. “Washington Aqueduct Draft Permit and Fact Sheet Time Extension Request.” May 10, 2018
10a	EPA – Region III. Email from Francisco Cruz, EPA to James Bemis, U.S. Army Corps of Engineers. “Washington Aqueduct Draft Permit and Fact Sheet Time Extension Request.” June 5, 2018
10b	U.S. Army Corps of Engineers. Email from Thomas Jacobus, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. “Washington Aqueduct Comments on NPDES Draft Permit.” June 15, 2018
11	U.S. Army Corps of Engineers. Email from Thomas Jacobus, U.S. Army Corps of Engineers to Francisco Cruz, EPA. “Washington Aqueduct and EPA Meeting to Discuss the NPDES Draft Permit.” June 29, 2018
12	U.S. Army Corps of Engineers. Letter from Thomas Jacobus, U.S. Army Corps of Engineers to David B. McGuigan, EPA. “Update of Washington Aqueduct Residuals Processing Capabilities.” August 14, 2018
13	U.S. Army Corps of Engineers. Email from Shabir A. Choudhary, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. “Site Specific Aluminum Criteria for Washington Aqueduct’s Outfalls.” August 31, 2018
13a	EPA-Headquarters. “Draft Aquatic Life Ambient Water Quality Criteria for Aluminum 2017.” July 2017
13b	U.S. Army Corps of Engineers. Letter from Thomas Jacobus, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. “Cover Letter Washington Aqueduct Site Specific Limits.” August 31, 2018
13c	EA Engineering, Science and Technology, Inc., PBC. Letter from Chuck Pace, EA Project Manager to Shabir A. Choudhary, U.S. Army Corps of Engineers. “Development of a Site-Specific Aluminum Criteria for Outfalls 006, 007, 008 and 009.” August 30, 2018
13d	EA Engineering, Science and Technology, Inc., PBC. Letter from Chuck Pace, EA Project Manager to Shabir A. Choudhary, U.S. Army Corps of Engineers. “Development of Copper Control Strategy - Outfall 007.” August 30, 2018
14	EA Engineering, Science and Technology, Inc., PBC. Letter from Chuck Pace, EA Project Manager to Shabir A. Choudhary, U.S. Army Corps of Engineers. “Basis for Deletion of 85% TSS Removal Requirement.” September 6, 2018
15	EA Engineering, Science and Technology, Inc., PBC. Email from Chuck Pace, EA Project Manager to Shabir A. Choudhary, U.S. Army Corps of Engineers. “RE: EPA Follow-up Data Needed for Site Aluminum Criteria for Washington Aqueduct’s Outfalls.” September 13, 2018

16	Department of Energy & Environment. "Total Maximum Daily Load Documents" https://doee.dc.gov/service/total-maximum-daily-load-tmdl-documents
17	Department of Energy & Environment. "Chesapeake Bay Total Maximum Daily Load – Phase II Watershed Implementation Plan" March 30, 2012
18	EA Engineering, Science and Technology, Inc. Study from EA Project Manager to U.S. Army Corps of Engineers. "Water Quality Studies in the Vicinity of Washington Aqueduct." October 4, 2001
19	EPA – Region III. "Washington Aqueduct Reasonable Potential Analysis." June 6, 2019
20	EPA – Region III. "The metals translator: Guidance for Calculating a Total Recoverable Permit Limit from a Dissolved Criterion." June 1996
21	U.S. Army Corps of Engineers. Email from Shabir A. Choudhary, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Washington Aqueduct Draft Permit." October 9, 2018
22	U.S. Army Corps of Engineers. Letter from Shabir A. Choudhary, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "Removal of Special Conditions for Sedimentation Discharges during the Sturgeon Spring Spawning Season." November 11, 2018
23	U.S. Army Corps of Engineers. Email from Shabir A. Choudhary, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Dilution Factor for Outfalls 002, 003 and 004." November 15, 2018
24	U.S. Army Corps of Engineers. Email from Shabir A. Choudhary, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Washington Aqueduct-Request for Additional Data." December 8, 2018
24a	U.S. Army Corps of Engineers. "Comments on Additional Sampling requested by EPA Region III." December 8, 2018
24b	U.S. Army Corps of Engineers. "Georgetown Reservoir Aerial Picture 1." December 8, 2018
24c	U.S. Army Corps of Engineers. "Georgetown Reservoir Aerial Picture 2." December 8, 2018

25	U.S. Army Corps of Engineers. Email from Shabir A. Choudhary, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Washington Aqueduct- Clarification on your Response." April 15, 2019
25a	EA Engineering, Science and Technology, Inc., PBC. Letter from Chuck Pace, EA Project Manager to Shabir A. Choudhary, U.S. Army Corps of Engineers. "Development of a Reasonable Potential Analysis for Outfalls 003, 004, 006 and 007." March 29, 2019
25b	EPA-Headquarters. "Final Aquatic Life Ambient Water Quality Criteria for Aluminum 2017." December 2018
25c	EA Engineering, Science and Technology, Inc., PBC. Letter from Chuck Pace, EA Project Manager to Shabir A. Choudhary, U.S. Army Corps of Engineers. "Development of a Reasonable Potential Analysis for Outfalls 003, 004, 006 and 007 - Revised." April 8, 2019
26	EPA – Region III. "DC0000019 NPDES Permit Rating Worksheet." March 1, 2019
27	U.S. Army Corps of Engineers. Email from Thomas Jacobus, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Washington Aqueduct Draft Permit Comments." July 10, 2019
27a	U.S. Army Corps of Engineers. Letter from Thomas Jacobus, U.S. Army Corps of Engineers to Valerie Lopez-Carrasquillo, EPA. "RE: Washington Aqueduct Comments to the Draft NPDES Permit No. DC0000019." July 10, 2019
27b	EPA – Region III. Letter from Stanley Laskowski, EPA to Thomas Jacobus, U.S. Army Corps of Engineers. "EPA Approval of Alternate Test Procedures for the Determination of Iron and Aluminum." August 19, 1997
27c	EPA – Region III. Email from Valerie Lopez-Carrasquillo, EPA to Thomas Jacobus, U.S. Army Corps of Engineers. "EPA Response to Washington Aqueduct Comments." July 17, 2019
28	EPA – Region III. Letter from Francisco Cruz, EPA to Ed Dunne, District of Columbia Department of Energy and Environment. "DC - 401 Certification." August 1, 2019
29	EPA – Region III. Letter from Francisco Cruz, EPA to Lee Currey, Maryland Department of the Environment. "MD - 401 Certification." August 1, 2019
30	EPA – Region III. Letter from Francisco Cruz, EPA to Melanie D. Davenport, Virginia Department of the Environment Quality. "VA - 401 Certification." August 1, 2019