FEDERAL CROSS-CUTTING AUTHORITIES REVIEW MEMORANDUM

From: Camilla Kuo-Dahab
To: Record
Subject: Federal Cross-Cutting Authorities Review for Waterline Replacement Project
Date: 7/30/2026

This memorandum summarizes and documents the U.S. Environmental Protection Agency's (EPA's) review of federal environmental cross-cutting authorities for the Waterline Replacement Project (Project), for Town of Troy, VT, by way of the evaluation of the Project's impacts, cross-cutter applicability, and the results of coordination and consultations with other agencies.

PROJECT DESCRIPTION AND LOCATION:

The Project will replace approximately 1,500 linear feet of 6-inch ductile iron water main with 8-inch PVC watermain primary using open-cut construction. The Project will also replace 17 service connections along the watermain up to the right-of-way and replace the existing curb stops. The watermain to be replaced begins at the junction of VT-101 and S. Pleasant Street and extends along S. Pleasant Street to the town line with Westfield at 258 S Pleasant Street.

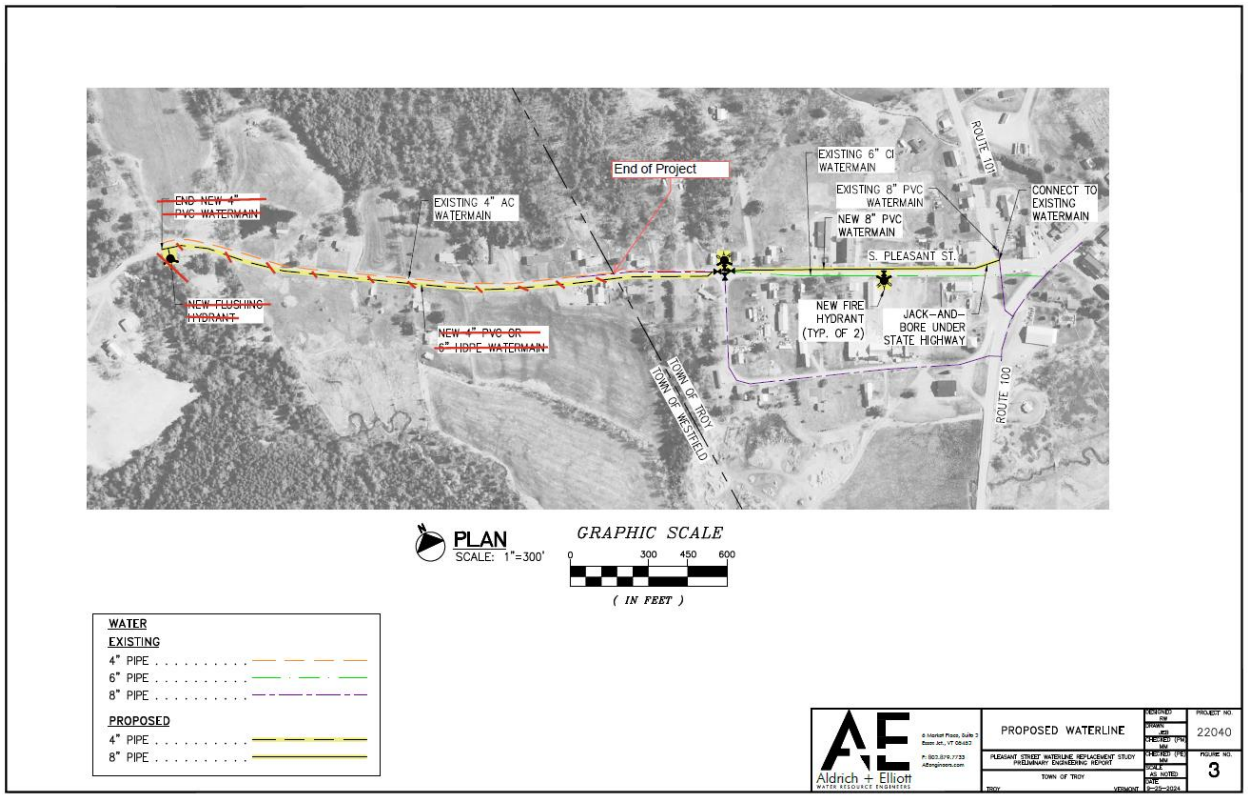

Figure 1: Waterline Replacement Project Area

1. CLEAN AIR ACT CONFORMITY (42 U.S.C. § 7506(C))

Document below the finding, rationale, and information sources used.

The Project Area is in attainment for all criteria pollutants. The Project is not expected to lead to a non-attainment or maintenance status for Orleans County.

Supporting Documentation: N/A

Attachment: U.S. EPA Non-Attainment Area data accessed through NEPAssist (accessed July 3, 2026) – See Troy.VT_0126DVG_NEPAssist.Report_07.03.26.pdf

2. NATIONAL HISTORIC PRESERVATION ACT (NHPA) AS AMENDED (54 U.S.C. § 300101 ET SEQ.: HISTORIC PRESERVATION) AND ARCHEOLOGICAL AND HISTORIC PRESERVATION ACT, AS AMENDED (54 U.S.C. §§ 312501-312508: PRESERVATION OF HISTORICAL AND ARCHEOLOGICAL DATA)

Document below the consultation and outcomes/findings of the consultation process.

The Town of Troy has led the consultation with the Vermont Division for Historic Preservation under Section 106 of NHPA. An archaeological resource assessment (dated December 5, 2025) was conducted by Crown Consulting Archaeology on behalf of the Town of Troy and included a desktop review and field inspection. The results of the assessment identified no archaeological resources within the Area of Potential Effects. A historic preservation project review form was submitted to the Vermont SHPO on January 14, 2026. The Vermont SHPO responded with a finding of *no historic properties affected* on January 14, 2026.

The Tribal Directory Assessment Tool lists the Delaware Tribe of Indians Stockbridge Munsee Community as having interests in Vermont. EPA received a letter on November 20, 2017, from the Delaware Tribe of Indians noting that the state of Vermont is no longer an area of interest. According to the Vermont Division for Historic Preservation Section 106 Review Form, the Project is also not within the Stockbridge-Munsee Mohican area of interest. Therefore, the requirements of Tribal Outreach do not apply.

Supporting Documentation: Delaware Tribe Area of Interest letter (November 20, 2017)

Supporting Documentation: Town of Troy and SHPO Correspondence (January 14, 2026)

Supporting Documentation: Archaeological Resources Assessment Report for the proposed Pleasant Street Waterline Replacement Project, Troy, Orleans County, Vermont (December 5, 2025)

Attachment: Tribal Directory Assessment Tool Information (accessed July 7, 2026) – See Troy.VT_0126DVG_TDAT_07.06.26.pdf

3. ARCHAEOLOGICAL RESOURCES PROTECTION ACT (16 U.S.C. §§ 470AA-MM)

Document below the finding, rationale, and information sources used.

The Project is not located on Federal or Indian lands. Therefore, the requirements of this act do not apply.

Supporting Documentation: N/A

Attachment: USGS Protected Areas Database of the United States accessed through PADUS Data Explorer's All Managed Areas View (accessed July 3, 2026) – See

Troy.VT_0126DVG_PAUDS_07.03.26.pdf

Attachment: Tribal Connections US Forest Service Federal and Indian Lands Viewer (accessed July 3, 2026) – See Troy.VT_0126DVG_Tribal.Connections.Map_07.03.26.pdf

4. NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT (25 U.S.C. § 3001 ET SEQ.)

Document below the finding, rationale, and information sources used.

The Project is not located on Federal, Indian, or Native Hawaiian lands where Native American human remains, funerary objects, sacred objects, and cultural items may be present. Therefore, the requirements of this act do not apply.

Supporting Documentation: N/A

Attachment: USGS Protected Areas Database of the United States accessed through PADUS Data Explorer's All Managed Areas View (accessed July 3, 2026) – See Troy.VT_0126DVG_PAUDS_07.03.26.pdf

Attachment: Tribal Connections US Forest Service Federal and Indian Lands Viewer (accessed July 3, 2026) – See Troy.VT_0126DVG_Tribal.Connections.Map_07.03.26.pdf

5. ENDANGERED SPECIES ACT (16 U.S.C. §§ 1531–1599)

Document below the finding, rationale, and information sources used.

An Unofficial IPaC Species List (dated July 6, 2026) indicates that one species proposed for listing has the potential to occur in the vicinity of the Project Area, and no critical habitat is present within the Project Area. However, the Project will occur within the existing right-of-way, mostly within paved roads, and will not involve tree removal. Therefore, the Project is *not likely to jeopardize the continued existence* of species proposed for listing.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: IPaC Unofficial Species List (accessed July 6, 2026) – See Troy.VT_0126DVG_Unofficial.Species.List_07.06.26.pdf

Attachment: Section 7 Mapper for the Greater Atlantic Region (accessed July 3, 2026) – See Troy.VT_0126DVG_NMFS.Mapper_07.03.26.pdf

6. BALD AND GOLDEN EAGLE PROTECTION ACT (16 U.S.C. §§ 668-668C)

Document below the finding, rationale, and information sources used.

The USFWS IPaC Resource List (dated July 6, 2026) does not list bald or golden eagles as having the potential to occur in the Project Area. Therefore, impacts on eagles are not anticipated.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: IPaC Unofficial Species List (accessed July 6, 2026) – See Troy.VT_0126DVG_Unofficial.Species.List_07.06.26.pdf

7. MIGRATORY BIRD TREATY ACT (16 U.S.C. §§ 703-712)

Document below the finding, rationale, and information sources used.

This Project does not involve the taking, killing, possession, transportation, or importation of migratory birds, their eggs, parts, or nests. The Project involves replacement of underground water mains along an existing roadway and will not involve any tree removal.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: IPaC Unofficial Species List (accessed July 6, 2026) – See Troy.VT_0126DVG_Unofficial.Species.List_07.06.26.pdf

8. MARINE MAMMAL PROTECTION ACT (16 U.S.C. §§ 1361-1407)

Document below the finding, rationale, and information sources used.

The Project will not affect marine mammals. Therefore, the requirements of this act do not apply.

Supporting Documentation: N/A

Attachment: IPaC Unofficial Species List (accessed July 6, 2026) – See Troy.VT_0126DVG_Unofficial.Species.List_07.06.26.pdf

9. ESSENTIAL FISH HABITAT CONSULTATION PROCESS UNDER THE MAGNUSON-STEVENS FISHERY CONSERVATION AND MANAGEMENT ACT (16 U.S.C. §§ 1801-1891)

Document below the finding, rationale, and information sources used.

The Project will not involve any work within, or changes in discharges to, Essential Fish Habitat or Habitat Areas of Particular Concern. Therefore, the requirements of this act do not apply.

Supporting Documentation: N/A

Attachment: Essential Fish Habitat Report (accessed July 3, 2026) – See Troy.VT_0126DVG_EFH.Report_07.03.26.pdf

10. CLEAN WATER ACT SECTION 404 (33 U.S.C. § 1344), RIVERS AND HARBORS ACT SECTION 10 (33 U.S.C. § 403), AND PROTECTION OF WETLANDS (EXECUTIVE ORDER NO. 11990 (1977), AS AMENDED BY EXECUTIVE ORDER NO. 12608 (1997))

Document below the finding, rationale, and information sources used.

There are no known wetlands, waters of the United States, or Section 10 waters within the Project Area. Therefore, the requirements of these acts and this EO do not apply.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: U.S. Fish and Wildlife Service's National Wetlands Inventory Data accessed through Wetlands Mapper (accessed July 3, 2026) – See Troy.VT_0126DVG_NWI.Wetlands_07.03.26.pdf

11. WILD AND SCENIC RIVERS ACT (16 U.S.C. §§ 1271-1287)

Document below the finding, rationale, and information sources used.

The Project will not involve any work within the bed or banks of a designated Wild and Scenic River, nor within the bed or banks of any upstream/downstream reaches of, or tributaries to, designated Wild and Scenic Rivers. Therefore, the requirements of this act do not apply.

Missisquoi & Trout Wild and Scenic River is approximately ¼ mile from the Project Area.

Supporting Documentation: N/A

Attachment: U.S. Forest Service's National Wild and Scenic River data accessed through NEPAssist (accessed July 3, 2026) – See Troy.VT_0126DVG_NEPAssist.Wild.and.Scenic.Rivers_07.03.26.pdf

12. FLOOD PLAIN MANAGEMENT (EXECUTIVE ORDER NO. 11988 (1977), AS AMENDED BY EXECUTIVE ORDER NO. 12148 (1979))

Document below the finding, rationale, and information sources used.

The Project will not occur within the 100-year floodplain. Therefore, the requirements of this EO do not apply.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: FEMA's National Flood Hazard Layer accessed through NFHL Viewer (accessed July 3, 2026) – See Troy.VT_0126DVG_FIRM_07.03.26.pdf

13. SAFE DRINKING WATER ACT (42 U.S.C. §§ 300F-300J-26)

Document below the finding, rationale, and information sources used.

No sole source aquifers exist at or near the Project location. Therefore, the requirements of this act do not apply.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: EPA Sole Source Aquifer data accessed through NEPAssist (accessed July 3, 2026) – See Troy.VT_0126DVG_NEPAssist.Report_07.03.26.pdf

14. COASTAL ZONE MANAGEMENT ACT (16 U.S.C. §§ 1451-1466)

Document below the finding, rationale, and information sources used.

The Project is not located within the coastal zone. Therefore, the requirements of this act do not apply.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: N/A

15. COASTAL BARRIER RESOURCES ACT (16 U.S.C. §§ 3501-3510)

Document below the finding, rationale, and information sources used.

The Project is not located within the Coastal Barrier Resources System. Therefore, the requirements of this act do not apply.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: Coastal Barrier Resources System Mapper (accessed July 3, 2026) – See Troy.VT_0126DVG_CBRS.Map_07.03.26.pdf

16. WILDERNESS ACT (16 U.S.C. § 1131 ET SEQ.)

Document below the finding, rationale, and information sources used.

The Project is not located within any Wilderness areas. Therefore, the requirements of this act do not apply.

Supporting Documentation: N/A

Attachment: University of Montana's Wilderness Areas of the United States Mapper (accessed July 3, 2026) – See Troy.VT_0126DVG_Wilderness.Area_07.03.26.pdf

17. FARMLAND PROTECTION POLICY ACT (7 U.S.C. §§ 4201-4209)

Document below the finding, rationale, and information sources used.

The Project Area includes qualifying farmland: prime farmland and farmland of statewide importance. However, the Project is a corridor subsurface project, and the recipient will develop and implement a soil disturbance/removal and reconstruction plan for all work within farmland. Therefore, the requirements of this act do not apply.

Supporting Documentation: Vermont DWSRF Environmental Information Document and Appendices (February 2026)

Attachment: NRCS Soil Report (accessed July 3, 2026) – See

Troy.VT_0126DVG_NRCS.Soils.Report_07.03.26.pdf