



## Delegated Action of the Executive Director

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<b>PROJECT</b> <b>Main Process Train</b> Blue Plains Advanced Wastewater Treatment Plant 5000 Overlook Avenue, SW Washington, D.C.	<b>NCPC FILE NUMBER</b> 7407
	<b>NCPC MAP FILE NUMBER</b> 84.40(38.00)43628
<b>SUBMITTED BY</b> District of Columbia Water & Sewer Authority	<b>ACTION TAKEN</b> Preliminary and final approval of site and building plans
	<b>REVIEW AUTHORITY</b> Advisory per 40 U.S.C. § 8722(b)(1)

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The District of Columbia Water & Sewer Authority (DC Water) has submitted preliminary and final site and building plans for a biosolids main process train on the grounds of the Blue Plains Advanced Wastewater Treatment Plant facility. The project site is situated in the southwestern area of the Blue Plains Advanced Wastewater Treatment Plant facility, along an internal north-south circulation road, to the west of I-295. The project site is the only undeveloped area at the facility large enough to accommodate the biosolids process, and it has been used as a biosolids composting operation in the past. Recently the project site was used for materials, equipment, and vehicle storage.

The Main Process Train (MPT) Project is one of three components of DC Water's Biosolids Management Program. The MPT Project includes modifications to the existing solids processing building, the construction of a new solids screening building (14, 250 square feet), a pre-dewatering building (57,420 square feet), anaerobic digesters (4 with 3.8 million gallon capacity), new thermal hydrolysis process, and a new odor control system. The total area of disturbance for the project is 8.5 acres – 3 acres will be pervious and 5.5 will be impervious. Twelve new parking spaces will be installed to the south of the pre-dewatering building. The benefits of the project include a reduction in annual operating and management costs, reduction of DC Water greenhouse gas emissions by 41%, reduction in hauling of biosolids by 50%, and the production of a Class A beneficial byproduct for use as a soil amendment.

The Commission does not have an independent responsibility under the National Environmental Policy Act nor Section 106 of the National Historic Preservation Act, since this project is a District of Columbia project outside the Central Area of Washington, DC.

The Coordinating Committee reviewed the proposal at its August 15, 2012 meeting and forwarded the proposal to the Commission with the statement that the proposal has been coordinated, except the District of Columbia State Historic Preservation Officer (DC SHPO). The participating agencies were NCPC; the National Park Service; the General Services Administration; the District of Columbia Fire and Emergency Medical Services; the Washington Metropolitan Area Transit Authority. The DC SHPO withheld coordination pending the outcome

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of review of the project under Section 9a and 9b of the District of Columbia Historic Landmark & Historic District Protection Act. Following Coordinating Committee, on August 24, 2012 the DC SHPO and DC Water concluded review of the project with a determination of no adverse effect on historic properties because there are no archaeological resources on the project site and the new construction is consistent in scale and materials with the existing infrastructure and will be compatible with the industrial character of the site.

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Pursuant to delegations of authority adopted by the Commission on October 3, 1996 and 40 U.S.C. § 8722(b)(1), I approve the preliminary and final site and building plans for the construction of a main process train at the Blue Plains Advanced Wastewater Treatment Plant facility in Southwest, Washington, DC., as shown on NCPC Map File No. 84.40(38.00)43628.

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Marcel Acosta  
Executive Director

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