GOVERNMENT OF THE DISTRICT OF COLUMBIA
DISTRICT DEPARTMENT OF TRANSPORTATION

Transportation Policy and Planning Administration

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Memorandum

TO: Jerrily R. Kress, FAIA
Director
Office of Planning

FROM: Kenneth G. Laden
Associate Director

DATE: November 5, 2004

SUBJECT: Zoning Commission No. 04-19 a Consolidated PUD and Area Variance Egg-Shaped Digesters Facility located at 5000 Overlook Avenue, S.W.

The District Department of Transportation (DDOT) has reviewed the application and other material accompanying your memorandum. This report addresses the transportation elements of the proposal.

The applicant, the District of Columbia Water and Sewer Authority (WASA) requests an consolidated review and approval of a Planned Unit Development (PUD) and a area variance to construct biosolid reduction and stabilization facilities known as the Egg-Shaped Digesters Facility located at the Blue Plains Advanced Wastewater Treatment Plant The proposed PUD project includes eight Egg-Shaped Digesters and four Gas Storage Tanks as well as some auxiliary buildings and structures.

The Blue Plains is located in the southernmost part of the District of Columbia, situated generally between the Anacostia Freeway and the Potomac River. The proposed Egg-Shaped Digesters are large, sealed vessels that use microbial action, heat and an internal blinding mechanism to reduce the amount of biosolids produced at Blue Plains.

Currently, the plant operations produce approximately 1,300 wet tons of biosolids every day. The installation of the Egg-Shaped Digesters will reduce the biosolids production to 650 wet tons per day. This is a significant reduction in truck traffic to and from the plant for biosolids hauling operation, therefore, a reduction in vehicle miles of travel (VMT) in the Washington Metropolitan area.

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From a transportation standpoint, we support the construction of the Egg-Shaped Digesters Facility. The project will reduce truck traffic as a consequence of reduced volume of biosolids requiring transport.