

Memorandum



Date: March 17, 2014

To: Jack Osterholt, Director
Department of Regulatory and Economic Resources (RER)

From: Maria A. Valdes, CSM, LEED® Green Associate *Maria Valdes*
Chief, Comprehensive Planning & Water Supply Certification Section

Subject: Advanced Learning Charter School, Inc. - DIC Application No. Z2014000017

Below, please find the Miami-Dade Water and Sewer Department's (MDWASD) comments for the subject project.

Recommendation: Approval based on conditions noted below.

Application Name: Advanced Learning Charter School, Inc

Proposed Development: The applicant is requesting a public hearing to obtain a special exception to permit a 125 students Kindergarten through 1st Grade Charter School. There is currently a Church and Kindergarten/Daycare on the property. The Kindergarten/Daycare building will house the proposed Charter School. The existing kindergarten/day care facility's water demand is estimated at 20 gpd/100 SF, and the total water demand for the proposed development is estimated at 12 gpd/100 SF. Therefore, the proposed development results in a no-net increase for water demand.

The total water demand in gallons per day (gpd) for this project is described below:

Projected Water Demand				
Uses	Unit	Total	Flow Rate (GPD)	Total GPD
Proposed School (Kindergarten-1 st Grade)	Sq.ft	3,922	12 gpd / 100 SF	471.0
Total				471.0

Project Location: The subject property is located at 17701 NW 57th Ave, Miami, in unincorporated Miami-Dade County.

Water: The subject project is located within MDWASD's service area. The source of water for the project is the Hialeah Preston Water Treatment Plant. The existing facility is currently being served by MDWASD. All comments addressing water service are provided in accordance with CDMP policies WS-1A, WS-1B and WS-2A.

A Water Supply Certification (WSC) from Miami-Dade Water and Sewer Department will be required for the proposed development. Said Certification will be issued at the time a Verification Form is offered. The Certification is required to assure adequate water supply is available to all water users of the MDWASD as required by Policy CIE-5D and WS-2C in the County's CDMP and in accordance with the permitted withdrawal capacity in the MDWASD's 20-year Water Use Permit.

MDWASD will be the utility providing water services subject to the following conditions:

- Adequate transmission and Plant capacity exist at the time of the applicant's request.

- Adequate water supply is available prior to issuance of a building permit or its functional equivalent.
- Approval of all applicable governmental agencies having jurisdiction over these matters is obtained.

Sewer: The subject project is located within MDWASD's service area. The existing facility is currently being served by MDWASD.

The North District Wastewater Treatment Plant (WWTP) is the facility for treatment and disposal of the wastewater. This WWTP is currently operating under a permit from the Florida Department of Environmental Protection. MDWASD will be the utility providing sewer services subject to the following conditions:

- Adequate transmission and plant capacity exist at the time of the owner's request consistent with policy WS-2A(2) of the CDMP. Capacity evaluations of the plant for average flow and peak flows will be required, depending on the compliance status of the United States Environmental Protection Agency (USEPA) Second and Final Partial Consent Decree, and the new USEPA/FDEP Consent Decree effective on December 6, 2013.
- Approval of all applicable governmental agencies having jurisdiction over these matters are obtained.

Water Conservation: All future development for the subject area will be required to comply with water use efficiency techniques for indoor water use in accordance with Section 8-31, 32-84 and 8A-381 of the Code of Miami-Dade County. In addition, the future development will be required to comply with the landscape standards in sections 18-A and 18-B of Miami-Dade County Code.

For more information about our Water Conservation Program please go to <http://www.miamidade.gov/conservation/home.asp>

For information concerning the Water-Use Efficiency Standards Manual please go to http://www.miamidade.gov/conservation/library/WUE_standards_manual_final.pdf

Should you have any questions, please call me at (786) 552-8198 or Alfredo B. Sanchez at (786) 552-8237.