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June 25, 2010

City of Alachua
Kathy Winburn, AICP
Planning & Community Development Director
15100 NW 142nd Terrace
Alachua, Florida 32615
(386) 418-6121

**RE: Site Plan Application – Concurrency Impact Analysis
Walmart #3873-00, Alachua, FL
CPH Project No. W13392**

Dear Ms. Winburn:

The proposed Walmart Supercenter will not adversely impact the adopted Level of Service (“LOS”) for the City of Alachua’s public facilities. In accordance with Section 2.4.14 of the City of Alachua Land Development Regulations (“LDRs”), please find below a brief summary of the proposed infrastructure impact based on available information:

Potable Water

Permitted Capacity (GPD)	Committed Capacity (GPD)	Walmart Demand (GPD)	Residual Capacity (GPD)
4,200,000	1,779,912	11,400	2,408,688

Wastewater

Permitted Capacity (GPD)	Committed Capacity (GPD)	Walmart Demand (GPD)	Residual Capacity (GPD)
3,000,000	690,272	4,680	2,305,048

Transportation

Net New Daily Trips	6,196
Net New PM Peak Hour Trips	258

The proposed Walmart Supercenter and future development area were analyzed in the Traffic Impact Analysis prepared by Traffic Planning & Design, Inc., dated September 2009. All intersections and roadway segments will operate at an acceptable LOS under the proposed conditions.

Stormwater

<i>Attenuation</i>		
Storm Event (YR/HR)	Discharge Rate Pre/Post (CFS)	Discharge Volume Pre/Post (AC-FT)
100/24	96.6/4.1	16.6/2.4
100/72	80.9/4.7	25.4/10.4
100/168	53.2/6.7	32.9/17.3
100/240	46.2/12.2	40.0/22.9

<i>Water Quality</i>	
Required Treatment Volume (AC-FT)	Provided Treatment Volume (AC-FT)
5.89	16.19

The post-development discharge rate and volume are less than the pre-development discharge rate and volume at the US 441 boundary for the critical 100-year storm events. Additionally, water quality treatment volume is provided on-site at more than 2.5 times the required amount.

Solid Waste

The proposed Walmart will generate an average of 144 tons of solid waste per year. The New River Solid Waste Facility has a capacity of 50 years.

The above information establishes that the proposed Walmart Supercenter will not have any adverse impacts to the City of Alachua's infrastructure LOS.

Conclusion

We appreciate your consideration of Walmart's application for its proposed Supercenter. Please do not hesitate to contact me if you have any questions or need further information.

Sincerely,

CPH ENGINEERS, INC.



Joshua Bryant, E.I.

cc: file
Larry Wray
David Theriaque