
JOINT MEETING
COUNCIL PUBLIC WORKS & UTILITIES COMMITTEE
COUNCIL WATER RESOURCES COMMITTEE

MEETING NOTICE AND AGENDA

Wednesday, January 11, 2012 - 5:30 p.m.

Rockledge City Hall, 1600 Huntington Lane, Rockledge Florida 32955
(Mayor Price, Councilmembers Blake, Forester and Prosser)

1. CALL TO ORDER
2. UNFINISHED BUSINESS – None
3. NEW BUSINESS
 - A. Discussion: Intersection Improvements, Fiske Boulevard at Eyster Boulevard
 - B. Discussion: Task Order, TMDL Compliance (Allen Engineering)
 - C. Presentation: Stormwater/Sanitary Sewer Inventory Survey (Brevard County)
4. ADJOURN

Memo

Date: 12/5/2011

To: James P. McKnight, City Manager

From: Ken Poole, Public Works Director 

Re: Summary of TMDL and Allocations

As an introduction to the system as a whole, the division areas are segmented for Total Nitrogen (TN) and Total Phosphorus (TP) reductions with the City of Rockledge in the North B area of the north segment of the Indian River Lagoon (IRL). This allocation methodology should not be confused with the Numeric Nutrient Criteria (NNC) as it is a separate mandate.

This is Phase 1 of 3 phases for the 15 year Basin Management Action Plan (BMAP) with the goal of reducing 15% within the first 5 yrs.

The following are the current loads, allocations, and required reductions for the revised basin in our jurisdiction.

Baseline (Net Loading):

<u>ACREAGE</u>	<u>TN (lbs/yr)</u>	<u>Allocation (lbs/yr)</u>	<u>Reduction Required (lbs/yr)</u>
3,892	31,994	16,831	15,163
	<u>TP (lbs/yr)</u>	<u>Allocation (lbs/yr)</u>	<u>Reduction Required (lbs/yr)</u>
	6,612.5	2,470	4,142.5

Phase 1 Reduction Requirements (15%):

<u>TN Reduction Required (lbs/yr)</u>	<u>TP Reduction Required (lbs/yr)</u>
2,096.4	593.7

The Phase 1 reduction loads also reflect the de minimis allocations from Kennedy Space Center and Volusia County which have more allocation credits than needed.

City of Rockledge
Attn: Mr. Ken Poole
1600 Huntington Lane
Rockledge, FL 32955

19 December 2011

Re: TMDL Compliance Assistance

Dear Mr. Poole,

In accordance with our discussions I am submitting herewith an offer to perform the following services on the above referenced project for the listed fees.

Project

It is our understanding the City desires to make an assessment of the coverages and methodology used in FDEP's GIS model. The Allen Engineering team will perform an FDEP Database Assessment to assist the City with determining the accuracy of FDEP's TMDL modeling to date. FDEP's databases for land use, including water bodies, and existing stormwater treatment areas will be mapped to enable truthing and verification of data. We will also use GIS for database analysis and mapping.

Scope of Work

Task No. 1 – Data Acquisition

Download the FDEP's PLSM model and associated databases for the Indian River Lagoon. The City shall provide us with files indicating their City limits.

Task No. 1 Fee.....\$ 660.00

Task No. 2 – Mapping and Reporting

Based upon the information obtained in Task 1, the team will develop maps that compare FDEP's and the Advancing Restoration in the India River Lagoon's (ARIRL) versions of GIS coverages of land uses, water bodies, and areas receiving reductions for existing treatment systems. An analysis of the maps will be undertaken and a brief report will be prepared indicating discrepancies between FDEP and ARIRL databases. Recommendations for obtaining additional or corrected TMDL credits will be reported. This report will be used by the City for developing their BMAP submission strategy.

Task No. 2 Fee.....\$ 4,065.00

Continued-

Mr. Ken Poole
City of Rockledge
Re: TMDL Compliance Assistance
15 December 2011

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Task No. 3 – Client Planning Meeting

We will attend one meeting with the City and present our data and recommendations.

Task No. 3 Fee.....\$ 435.00

Total Fee.....\$ 5,160.00

Deliverables

Three hard copies of the 4 maps and a report produced for the Database Assessment. One electronic copy of all deliverables will also be submitted on a CD.

Schedule

Work will begin immediately upon receiving notification of your acceptance of this offer. It is anticipated the work will be completed within 3 weeks of project authorization by the City.

We have prepared this proposal based on the following assumptions and conditions.

- A. Any reimbursable costs including travel, fees, printing, and express mail charges are a direct expense to the client and are not a part of this proposal.
- B. Unforeseen conditions will be brought to the attention of the client and a change order will be prepared prior to the continuation of work.
- C. Any items not listed in the Scope of Work above will be done on an hourly basis.

If any work is required over and above the items previously listed, it will be done on an hourly basis will be billed at our Consultant's hourly rates. A copy of these rates can be provided upon request.

Our fee for this work will be invoiced upon completion. All invoices are due to be paid upon receipt. A 1½% per month finance charge will be added to any unpaid balance after thirty days.

We appreciate the opportunity to submit this proposal for your project. If you have any questions, please feel free to contact me.

Very truly yours,
ALLEN ENGINEERING, INC.



John M. Allen

OFFER ACCEPTED: _____

DATE: _____