

**AGENDA FOR  
NORTH LITTLE ROCK WASTE WATER TREATMENT  
COMMITTEE MEETING**

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<b>RE:</b>	<b>COMMITTEE MEETING</b>
<b>PLACE:</b>	<b>FAULKNER LAKE TREATMENT PLANT 7400 BAUCUM PIKE, NORTH LITTLE ROCK, AR</b>
<b>DATE:</b>	<b>FEBRUARY 8, 2011</b>
<b>TIME:</b>	<b>12:15</b>

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- (1) APPROVAL OF THE MINUTES OF THE JANUARY 14, 2010  
COMMITTEE MEETING**
- (2) CASH DISBURSEMENTS FOR JANUARY, 2011**
- (3) FINANCIAL STATEMENT FOR DECEMBER, 2010**
- (4) FINANCIAL STATEMENT FOR JANUARY, 2011**
- (5) EROSION ADJACENT TO THE WHITE OAK BAYOU INTERCEPTOR**
- (6) REPLACE VACCON #1 AND ADD A NEW POWER RODDER CREW**
- (7) REPLACE VACCON WATER PUMP**

(1)

**NEW BUSINESS**

**ACTION REQUESTED:**

**APPROVAL OF THE MINUTES OF THE JANUARY 14, 2011 COMMITTEE  
MEETING.**

(2)

**CASH DISBURSEMENTS FOR JANUARY 2011**

**ACTION REQUESTED:**

**APPROVAL OF THE CASH DISBURSEMENTS FOR JANUARY 2010  
SHOWING TOTAL CASH DISBURSEMENTS OF \$ 1,384,130.91 AND FUND  
TRANSFERS BETWEEN ACCOUNTS OF \$ 1,095,910.57.**

**(3)**

**FINANCIAL STATEMENT FOR DECEMBER, 2010**

**ACTION REQUESTED:**

**APPROVE THE FINANCIAL STATEMENT FOR DECEMBER, 2010**

**(4)**

**FINANCIAL STATEMENT FOR JANUARY, 2011**

**ACTION REQUESTED:**

**APPROVE THE FINANCIAL STATEMENT FOR JANUARY, 2011**

(5)

**EROSION ADJACENT TO THE WHITE OAK BAYOU INTERCEPTOR**

**AT THE AUGUST 2010 MEETING, STAFF INFORMED THE COMMITTEE OF ITS THREE (3) PHASE APPROACH TO CORRECT THE PROBLEM.**

**THE FIRST PHASE WAS TO CONDUCT REMEDIAL MEASURES TO PROTECT THE MANHOLES WHICH ARE EXPOSED. THE WORK WAS DONE UTILIZING STAFF LABOR AND EQUIPMENT. A PHOTO IS ATTACHED SHOWING THE REMEDIAL WORK TO AFFECTED MH.**

**THE NEXT PHASE WAS TO INCLUDE DESIGN AND CONSTRUCTION TO RELOCATE THE AFFECTED SECTIONS OF THE INTERCEPTOR. STAFF FEELS ADDITIONAL STUDIES ARE NECESSARY TO FULLY EVALUATE OPTIONS DUE TO THE ESTIMATED COST OF \$800,000 TO RELOCATE THE INTERCEPTOR, FOR A PERMANENT REPAIR WITHOUT RELOCATING THE INTERCEPTOR, AND TO ENGAGE THE CORPS OF ENGINEERS IN BANK STABILIZATION REQUIREMENTS.**

**IT IS TIMELY TO INITIATE THESE STUDIES IN ORDER TO CONSTRUCT THE WORK DURING THE SUMMER MONTHS.**

**ACTION REQUESTED**

**AUTHORIZE STAFF TO NEGOTIATE WITH MCCLELLAND CONSULTING ENGINEERS, INC. FOR ENGINEERING SERVICES RELATED TO EROSION ADJACENT TO THE WHITE OAK BAYOU INTERCEPTOR.**

**REPLACE VACCON #1 AND ADD A NEW POWER RODDER CREW**

**IN EFFORT TO REDUCE SANITARY SEWER OVERFLOWS (SSO), STAFF HAS REVIEWED RECORDS AND GIS DATA TO IMPROVE EFFICIENCY AND EFFECTIVENESS OF EXISTING CREWS AND EQUIPMENT. STAFF FINDINGS ARE: (1) THAT THE VAST MAJORITY OF OUR SSO'S OCCUR AS A RESULT OF STOPPAGES RATHER THAN HIGH RAINFALL EVENTS. THESE STOPPAGES ARE REFERRED TO AS DRY WEATHER OVERFLOWS. (2) THAT CURRENT CREWS AND EQUIPMENT ARE NOT SUFFICIENT TO EFFECTIVELY COVER THE SERVICE AREA ON A TIMELY BASIS.**

**STAFF RECOMMENDATIONS INCLUDE:**

- ◆ **MAXIMIZE THE EFFECTIVENESS OF EXISTING CREWS AND EQUIPMENT**
  - **TRANSFER ONE OF ENGINEERING DEPARTMENT'S VACCONS AND CREW TO THE MAINTENANCE DEPARTMENT WHERE THEY WOULD BE ASSIGNED DAILY CLEANING ACTIVITIES.**
  - **RE-ASSIGN THE REMAINING ENGINEERING DEPARTMENT VACCON TO SERVICE BOTH TV CREWS**
  
- ◆ **PROVIDE ADDITIONAL CREWS AND EQUIPMENT**
  - **PROVIDE A REPLACEMENT VACCON TO UPGRADE VACCON #1 FOR CONTINUOUS DUTY. REASSIGN THE OLD VACCON FOR TREATMENT PLANT ASSIGNMENTS AND BACKUPS.**
  - **PROVIDE A SECOND POWER RODDER AND CREW TO DOUBLE MAINTENANCE CLEANING IN AREAS INACCESSIBLE TO THE VACCONS.**

**EQUIPMENT ITEMS INCLUDED IN THE 2011 BUDGET ARE:**

<b>VACCON</b>	<b>\$350,000</b>
<b>POWER RODDER</b>	<b>\$38,000</b>
<b>¾ TON PICKUP</b>	<b>\$25,000</b>

**PERSONNEL AND SUPPLIES NOT INCLUDED IN THE 2011 BUDGET BUT ANTICIPATED ONLY FOR APPROXIMATELY THE SECOND HALF OF THE YEAR ARE:**

**POWER RODDER CREW                      \$64,600/6 MONTHS**

**ACTION REQUESTED**

**AUTHORIZE THE ADVERTISEMENT AND PURCHASE OF A REPLACEMENT VACCON NOT TO EXCEED THE BUDGETED AMOUNT OF \$350,000.**

**AUTHORIZE THE ADVERTISEMENT AND PURCHASE OF A NEW POWER RODDER NOT TO EXCEED THE BUDGETED AMOUNT OF \$38,000.**

**AUTHORIZE THE PURCHASE OF A NEW ¾ TON PICKUP OFF THE STATE CONTRACT TO SUPPORT THE ADDITION OF A POWER RODDER CREW.**

(7)

**REPLACE VACCON WATER PUMP**

**THE HIGH PRESSURE WATER PUMP ON VACCON #2 HAS A CRACK IN THE VALVE COVER PLATE WHICH PREVENTS THE PUMP FROM DEVELOPING THE REQUIRED WORKING PRESSURES FOR HEAVY CLEANING AND FOR LARGE PIPELINES. CONSIDERING THE AGE OF THE PUMP AND COST OF REPAIR, STAFF RECOMMENDS REPLACEMENT OF THE PUMP WITH A PUMP UNIT COMPATIBLE WITH VACCON #1.**

**ACTION REQUESTED**

**AUTHORIZE STAFF TO PURCHASE AND INSTALL A REPLACEMENT WATER PUMP FOR VACCON #2 NOT TO EXCEED THE BUDGETED AMOUNT OF \$20,000.**