

**A. Identification and Coding Information**

|   |               |             |                                    |                    |                         |
|---|---------------|-------------|------------------------------------|--------------------|-------------------------|
| 1. Project Number   | Agency Number | Update Code | 2. Date: October 1, 2009           | 7. Pre PDF Pg.No.: | 8. Req. Adeq. Pub. Fac. |
| 103802  | S-170.08      | Change      | Revised:                           |                    |                         |
| 3. Project Name: Septage Discharge Facility Planning & Implementation |               |             | 5. Agency: <b>WSSC</b>             |                    |                         |
| 4. Program: <b>Sanitation</b>   |               |             | 6. Planning Area: <b>Bi-County</b> |                    |                         |

**E. Annual Operating Budget Impact (000's)** FY of Impact

|                                    |                    |      |    |
|------------------------------------|--------------------|------|----|
| Program Costs                      | Staff .....        | .... |    |
|                                    | Other .....        | .... |    |
| Facility Costs                     | Maintenance .....  |      |    |
|                                    | Debt Service ..... | 945  | 14 |
| Total Costs.....                   |                    | 945  | 14 |
| Impact on Water or Sewer Rate..... |                    | 2¢   | 14 |

**B. Expenditure Schedule (000's)**

| Cost Elements                  | (8)<br>Total  | (9)<br>Thru<br>FY '09 | (10)<br>Estimate<br>FY '10 | (11)<br>Total<br>6 Years | (12)<br>Year 1<br>FY '11 | (13)<br>Year 2<br>FY '12 | (14)<br>Year 3<br>FY '13 | (15)<br>Year 4<br>FY '14 | (16)<br>Year 5<br>FY '15 | (17)<br>Year 6<br>FY '16 | (18)<br>Beyond<br>6 Years |
|--------------------------------|---------------|-----------------------|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| Planning, Design & Supervision | 2,022         | 522                   | 400                        | 1,100                    | 300                      | 530                      | 270                      |                          |                          |                          |                           |
| Land                           |               |                       |                            |                          |                          |                          |                          |                          |                          |                          |                           |
| Site Improvements & Utilities  |               |                       |                            |                          |                          |                          |                          |                          |                          |                          |                           |
| Construction                   | 8,000         |                       |                            | 8,000                    |                          | 5,300                    | 2,700                    |                          |                          |                          |                           |
| Other                          | 950           |                       | 40                         | 910                      | 30                       | 583                      | 297                      |                          |                          |                          |                           |
| <b>Total</b>                   | <b>10,972</b> | <b>522</b>            | <b>440</b>                 | <b>10,010</b>            | <b>330</b>               | <b>6,413</b>             | <b>3,267</b>             |                          |                          |                          |                           |

**C. Funding Schedule (000's)**

|            |        |     |     |        |     |       |       |  |  |  |  |
|------------|--------|-----|-----|--------|-----|-------|-------|--|--|--|--|
| WSSC Bonds | 10,972 | 522 | 440 | 10,010 | 330 | 6,413 | 3,267 |  |  |  |  |
|------------|--------|-----|-----|--------|-----|-------|-------|--|--|--|--|

**D. Description & Justification**

**DESCRIPTION**

This project provides for a facility plan to develop alternatives to address current and future requirements for managing septage and Fats, Oils, Grease discharge facilities in the sanitary district. The plan will address changes and/or revisions to existing facilities or any new facilities that may be recommended. Outsourcing of portions or the entire process to a privately or publicly owned operation will be one of the alternatives considered. The plan will develop separate and distinct reports and recommendations for each county including outreach programs to provide opportunities for active involvement of interested citizens.

**JUSTIFICATION**

**Plans & Studies**

Concept Report Waste Haulers Discharges, AMT and Associates, Inc. Consulting Engineers (August, 2005); Preliminary Report for Septage Discharge Facility Study, JMT & Associates (February 2008)

**Specific Data**

Currently septage waste is discharged at four locations: Muddy Branch Road Disposal Site in Montgomery County; and Temple Hill Road Disposal Site, Ritchie Road Disposal site and Bladensburg Disposal Site in Prince George's County. The types of waste to be discharged are as follows: Septic Tank Pump-Out (Sludge), Waste Holding Tank Discharge (Gray Water); Grease Trap Pump Out (FOG), Bus Holding Tank Discharge (Sewage and Chemicals), Small Food Service Providers (Low Volume FOG Waste), and Hazardous Materials. FOG wastes should not be returned to the Commission's waste system without treatment. Therefore, means and methods to affect and promote this treatment of FOG wastes at the disposal sites will be included in the facility plan.

**Cost Change**

Not applicable.

**STATUS** Facility Planning (WSSC Contract No. CM4363A06, ).

**OTHER**

The project scope has remained the same. The project provides for facility planning and an Order of Magnitude estimate for the design and construction of three septage and two FOG discharge facilities.

**COORDINATION**

Montgomery County Government, Prince George's County Government, Maryland-National Capital Park & Planning Commission, Montgomery County Department of Environmental Protection, Prince George's County Department of Environmental Resources and Prince George's County Health Department.

**NOTE** This project supports 100% System Improvement.

**F. Approval and Expenditure Data (000's)**

|   |        |
|---|--------|
| Date First in Capital Program                 | FY 10  |
| Date First Approved                           | FY 10  |
| Initial Cost Estimate                         | 10,835 |
| Cost Estimate Last FY                         | 10,835 |
| Present Cost Estimate                         | 10,972 |
| Approved Request, Last FY                     | 880    |
| Total Expenditures & Encumbrances             | 522    |
| Approval Request FY 11                        | 330    |
| Supplemental Approval Request Current FY (10) |        |

**G. Status Information**

Land Status: Not determined  
 % Project Completion: P-85%  
 Est. Completion Date: December 2012

**H. Map Map Reference Code:**

**MAP NOT APPLICABLE**

22-10