

**A. Identification and Coding Information**

2. Date: October 1, 2009      7. Pre PDF Pg.No.:      8. Req. Adeq. Pub. Fac.

|                   |               |             |
|-------------------|---------------|-------------|
| 1. Project Number | Agency Number | Update Code |
| 093802            | S-89.23       | Change      |

Revised: \_\_\_\_\_

3. Project Name: Anacostia No. 2 Screenings Handling System      5. Agency: **WSSC**

4. Program: **Sanitation**      6. Planning Area: Bi-County

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

|                                    |                    |      |    |
|------------------------------------|--------------------|------|----|
| Program Costs                      | Staff .....        | .... |    |
|                                    | Other .....        | .... |    |
| Facility Costs                     | Maintenance .....  | .... |    |
|                                    | Debt Service ..... | 173  | 13 |
| Total Costs.....                   |                    | 173  | 13 |
| Impact on Water or Sewer Rate..... |                    |      |    |

**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 | 295          | 3                     | 148                        | 144                      | 124                      | 20                       |                          |                          |                          |                          |                           |
| Land                           |              |                       |                            |                          |                          |                          |                          |                          |                          |                          |                           |
| Site Improvements & Utilities  |              |                       |                            |                          |                          |                          |                          |                          |                          |                          |                           |
| Construction                   | 1,615        |                       | 440                        | 1,175                    | 1,125                    | 50                       |                          |                          |                          |                          |                           |
| Other                          | 286          |                       | 88                         | 198                      | 187                      | 11                       |                          |                          |                          |                          |                           |
| <b>Total</b>                   | <b>2,196</b> | <b>3</b>              | <b>676</b>                 | <b>1,517</b>             | <b>1,436</b>             | <b>81</b>                |                          |                          |                          |                          |                           |

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

|  |       |
|--|-------|
| Date First in Capital Program                    | FY 09 |
| Date First Approved                              | FY 09 |
| Initial Cost Estimate                            | 2,071 |
| Cost Estimate Last FY                            | 2,134 |
| Present Cost Estimate                            | 2,196 |
| Approved Request, Last FY                        | 736   |
| Total Expenditures & Encumbrances                | 3     |
| Approval Request FY 11                           | 1,436 |
| Supplemental Approval Request<br>Current FY (10) | 18    |

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

|                                   |       |   |     |       |       |    |  |  |  |  |  |
|-----------------------------------|-------|---|-----|-------|-------|----|--|--|--|--|--|
| WSSC Bonds                        | 1,887 | 3 | 575 | 1,289 | 1,220 | 69 |  |  |  |  |  |
| District of Columbia Government/W | 329   |   | 101 | 228   | 216   | 12 |  |  |  |  |  |

**D. Description & Justification**

**DESCRIPTION**

This project provides for the collection and compaction of wastewater screened solids at Anacostia WWPS No. 2, allowing for off-site disposal, prior to conveyance to Blue Plains WWTP.

**Service Area** Lower Anacostia Drainage Basin      **Capacity** 199 MGD

**JUSTIFICATION**

**Plans & Studies**  
Anacostia Wastewater Pumping Station Screenings Upgrade Study, Final Draft, Whitman, Requardt & Associates (March 2007)

**Specific Data**  
This project is needed to replace the present practice of grinding wastewater screened solids and returning them to the flow for conveyance to Blue Plains WWTP, where they clog and damage filters. WSSC contributes a significant share of the cost of repairing and replacing those filters. Essentially all other sewage pumped to Blue Plains has the screenings removed for off-site disposal. The proposed screenings handling project will both increase the efficiency of the filter media and extend the service life of the filter bottoms at Blue Plains.

**Cost Change**  
Not applicable.

**STATUS** Preliminary Design (WSSC Contract No. CP4733A07, ).

**OTHER**  
The project scope has remained the same. Expenditures in Block B are planning level estimates only and may change based upon site specific conditions and design constraints.

**COORDINATION**  
District of Columbia Water & Sewer Authority (DC-WASA funding in proportion to its 14 of 199 mgd sewage pumping station transmission limit.).

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

**G. Status Information**

Land Status: Not applicable  
% Project Completion: D-0%  
Est. Completion Date: July 2011

**H. Map      Map Reference Code:**

22-1