

ATTACHMENT 1

MWRA LOCAL PIPELINE ASSISTANCE PROGRAM

FINANCIAL ASSISTANCE APPLICATION

Updated December 2008

**MASSACHUSETTS WATER RESOURCES AUTHORITY
CHARLESTOWN NAVY YARD, 100 FIRST AVENUE, BOSTON, MA 02129**

**MWRA LOCAL PIPELINE ASSISTANCE PROGRAM
FINANCIAL ASSISTANCE APPLICATION
Updated December 2008**

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<input type="checkbox"/>	FOR MWRA USE ONLY	<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	PROJECT NO.: _____ APPLICANT: _____	<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	NAME OF PROJECT: _____	<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	_____	<input type="checkbox"/>
<input type="checkbox"/>		<input type="checkbox"/>
<input type="checkbox"/>	NEW APPLICATION NO.: ____ OR INCREASE NO. ____ TO APP. NO. ____	<input type="checkbox"/>
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Section 1 - Financial Assistance Requested

Name of Applicant: _____

Address of Applicant: _____

Name of Authorized Representative: _____

Telephone Number of Representative: _____

Name of Applicant's Consultant Firm and Representative (if applicable):

_____ Telephone No.: _____

The following attached exhibits are hereby made part of this application for financial assistance under the MWRA's Local Pipeline Assistance Program and the undersigned representative of the Applicant certifies that the information presented in this application and its exhibits is true, correct and complete to the best of their knowledge:

 (Date)

(Signature of Authorized Representative)

(Title)

Section 2 - Baseline Requirements for Community System Maintenance & Improvement Programs

The Local Pipeline Assistance Program requires that participating communities develop distribution system maintenance and improvement programs including:

- a. **Unidirectional Flushing Program:** Participating communities must develop a Unidirectional Flushing Program. Unidirectional flushing will help to restore and maintain chlorine residual, eliminate taste and odor, dislodge biofilm, reduce bacteria counts, remove colored water and reduce turbidity.
- b. **Distribution System Improvements:** Participating communities must identify and compile physical information (pipe size, age, material, etc.) on the local distribution system, develop a base map of the distribution system, and prioritize water quality and hydraulic trouble spots for correction (i.e. system improvement plan, master plan, capital improvement plan, etc.).
- c. **Water Quality Testing:** Participating communities must conform to MA Drinking Water Regulations 310 CMR 22.05 that require local sampling based on a DEP approved written sample site plan.
- d. **Cross Connection Control Program Development:** Participating communities must conform to MA Drinking Water Regulations 310 CMR 22.20 that require a legally-enforceable cross connection control program with certified cross connection control inspectors on staff.

The requirements are intended to make sure that communities are implementing programs to maintain/improve water quality and to prioritize system improvements. Combined with the long-term pipeline rehabilitation projects, these best maintenance practices will help bring about optimal water quality in the distribution systems and at the customer's tap.

MWRA has created a Community Technical Assistance Contract (CTAC) to help communities develop and improve the distribution system maintenance programs listed above. MWRA's consultant is available to communities on a task-order basis. Each community can develop a scope of services for the required task with the selected consultant. MWRA will pay the consultant and charge back the community the following year.

Describe the status of the system maintenance practices listed below for your system (provide attachments if necessary):

a. Unidirectional Flushing Program

Status: _____

b. Distribution System Improvements (maps, system improvement priorities, master plan)

Status: _____

c. Water Quality Testing

Status: _____

d. Cross Connection Control Program Development

Status: _____

provide attachments if necessary

Section 4 - Documentation of Project Need

Identify records that document the project's need, including, but not limited to:

- a. Water quality testing results;
- b. Customer complaints;
- c. Water System Evaluation Surveys;
- d. Distribution System Studies;
- e. Hydraulic Analyses;
- f. Physical Surveys;
- g. Internal TV Inspection;
- h. DPW Maintenance Records;

Section 5 - Project Schedule

Provide a realistic schedule outlining important milestones in the planning, design, and/or construction phase. If a schedule is attached to the financial assistance application separate from this section, please note the attachment here. The estimated project start date must be included.

Section 6 - Map of Project

Attach a project map denoting the distribution system and/or general plan of the proposed project site. A printout of the project area on GIS or AutoCad would be preferable. If no map or plan is submitted with the application, an explanation must be provided.

Section 7 - Project Funding

The applicant must list the sources of funding proposed for the project and, if funding through the MWRA Local Pipeline Assistance Program will not cover 100 percent of the project costs, the applicant must demonstrate that sufficient funds are available to cover the additional project costs from other resources. Documentation of the availability of other resources may be in the form of a Town Meeting Action, City Council Vote, or other binding action and, if available, should be attached to the application. Sources of funding for the project include:

<u>Source</u>	<u>Amount</u>	<u>Date Available</u>
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- a. Cash
- b. General Obligation Bond
- c. State Grant
- d. State Revolving Fund Loan
- e. Other (Specify Source)

TOTAL \$

Section 8 - Summary of Costs

Provide a detailed tabulation of the estimated cost of each project phase (i.e. Planning, Design, Construction, Construction Services, etc.) and major tasks under each project phase. Major tasks to be detailed below may include those listed as eligible project costs in Section 2.7 of the MWRA Local Pipeline Assistance Program Guidelines or other project tasks that may or may not be eligible for MWRA financial assistance funding.

The total project cost and estimated total eligible project cost should be provided at the bottom of the table.

<u>Project Phases and Subtask</u>	<u>Estimated Total Project Cost</u>	<u>Estimated Eligible Project Cost</u>

TOTAL COST:

Date of Cost Estimate: _____ ENR Index: _____

Source of Cost Estimate: _____

Section 9 - Interdependent Projects

Explain whether financing has been received or is being requested for this project, or a separate phase of the project, from a State grant, the State Revolving Fund (SRF) program, or another grant/loan program.

Specify related and/or interdependent projects or portions of projects. For example, if the applicant is performing the design phase of a project under State grant or SRF funding, and MWRA financial assistance is being requested for the construction phase under this application, then the construction phase is dependent on completion of the design phase.

Section 10 – Inter-municipal Projects

If the project will serve two or more municipalities, or one community's project extends into another community, the applicant must explain the circumstances. State whether the municipalities have, or propose to have an inter-municipal agreement or another legally binding document covering financing, construction, and/or operation of the proposed improvements. If not, detail historic cooperative service relationships between the parties.

Section 11 - Project Permits and Certificates

Check the list below or note additional permits or certificates which: (1) have been obtained, (2) will be obtained, or (3) may be required prior to initiation of the project.

	<u>Has been Obtained</u>	<u>Will be Obtained</u>	<u>May be Required</u>
U. S. ARMY CORPS OF ENGINEERS	_____	_____	_____
MA DIVISION OF WATERWAYS Chapter 91 License	_____	_____	_____
LOCAL CONSERVATION COMMISSION	_____	_____	_____
DEP - DIVISION OF AIR QUALITY	_____	_____	_____
DPW HIGHWAY PERMIT	_____	_____	_____
DCR CONSTRUCTION PERMIT	_____	_____	_____

MBTA/CONRAIL LICENSE	_____	_____	_____
DWPC (401) WATER QUALITY CERT.	_____	_____	_____
MEPA - Environment Notification Form (ENF) and/or Environmental Impact Report (EIR)	_____	_____	_____
FLOOD INSURANCE PARTICIPATION	_____	_____	_____
HISTORIC - Mass. Historical Commission	_____	_____	_____
LEGISLATION - Legislation from the Mass. General Court could be required prior to: construction in dedicated conservation land, construction by one community within the municipal boundaries of another, and easements in state owned land.	_____	_____	_____
OTHER _____	_____	_____	_____

Section 12 - Construction Plans, Specifications, and Bidding Documents

For proposed construction projects and equipment/materials purchases, the applicant should outline the status of the plan, specification, and bidding document preparation and the time schedule for completion. If these documents are not required for the project, an explanation must be included in this section.

If available, a copy of the final engineering plans, specifications, and bidding documents for each contract or equipment/material purchase should be submitted with the application.

Section 13 - Engineering Agreement

For proposed planning, design, and/or construction projects, the applicant should outline the status of an engineering agreement and time schedule for its completion (if a Consulting Engineer will be used for any portion of the project). If no engineering agreement is required for the project, an explanation must be included in this section.

If available, a copy of the proposed or executed engineering agreement for each contract should be submitted with the application.

Section 14 - Force Account Work

If the applicant proposes to perform any funding eligible portion of the project (planning, design, construction services or construction activities) using its own staff (force account work), a description of the force account activities must be provided. List the type of force account task, staff titles, affiliated Department, estimated hours to perform task, direct labor rates (or range) for each title, overhead rate, etc.

Section 15 - Other Project Information

The applicant is encouraged to provide any other additional information that may enable the Authority to determine that the project is a viable water pipeline rehabilitation project and assess the eligible project costs.
