

MILWAUKEE WATER WORKS
2012 CAPITAL IMPROVEMENT PROGRAM

Distribution Mains	\$ 3,500,000
Feeder Mains	500,000
Total Mains	\$ 4,000,000

WATER PLANT PROJECTS

<u>PROJECT CATEGORY</u>	<u>ESTIMATED COST</u>
1. Linnwood Plant Building Improvements	
2. Linnwood Plant Treatment Improvements	
3. Howard Plant Building Improvements	
4. Howard Plant Treatment Improvements	
5. Pump Facilities Improvements	800,000
6. Storage Facilities Improvements	
7. Meter Repair Shop	150,000
8. Backup Power Generation	
9. Capital Projects Contingencies	
TOTAL WATER PLANT PROJECTS	\$ 950,000
TOTAL MAINS	4,000,000
TOTAL PROGRAM	<u>\$ 4,950,000</u>



**2012 – 2017 CAPITAL IMPROVEMENTS
PROGRAM REQUESTS**

**DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works**

COPY for -

MILWAUKEE WATER WORKS CAPITAL IMPROVEMENTS

Rev. March 8, 2011 PM

2012 - 2017

IMPROVEMENTS	2012	2013	2014	2015	2016	2017	2012 - 2017 SIX YEAR TOTAL
WATER MAIN IMPROVEMENTS							
Distribution Mains							
Total - Distribution Mains	\$ 3,600,000	\$ 3,500,000	\$ 5,600,000	\$ 8,600,000	\$ 10,000,000	\$ 11,500,000	\$ 42,500,000
Replacements	3,370,000	3,370,000	5,100,000	8,100,000	9,600,000	11,100,000	40,640,000
Developer	100,000	100,000	300,000	300,000	300,000	300,000	1,400,000
Assessable	30,000	30,000	100,000	100,000	100,000	100,000	460,000
Feeder Mains							
Total - Feeder Mains	\$ 500,000	\$ 500,000	\$ 750,000	\$ 750,000	\$ 1,000,000	\$ 1,000,000	\$ 4,500,000
Total Water Main Improvements	\$ 4,000,000	\$ 4,000,000	\$ 6,250,000	\$ 9,250,000	\$ 11,000,000	\$ 12,500,000	\$ 47,000,000
PLANT IMPROV/LOCATION							
1 Linnwood Plant Building Improvements	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Security upgrade: gate/guard							
Instrumentation shop space							
Roof replacements							
Replace sanitary sewer main		200,000					
Roadway repaving and lighting							
Cover filter skylights							200,000
Paint North Point tower							
Filter building ceilings							
Structural modifications							
2 Linnwood Plant Treatment Improvements	\$ -	\$ 200,000	\$ 1,650,000	\$ 2,100,000	\$ -	\$ -	\$ 3,950,000
Motor control centers, cont.							
Valves for ozone bypass							
Chemical feed upgrade		200,000	1,450,000	500,000			1,650,000
Plant residuals handling system study							500,000
Washwater system							
Filter media replacement			200,000	1,600,000			1,800,000
Advanced processes							
Raw water pumps #3 and #4							
Ozone contactor roof							
3 Howard Plant Building Improvements	\$ -	\$ 350,000	\$ -	\$ 310,000	\$ -	\$ -	\$ 660,000
Resurface concrete drive							

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2012 - 2017		2012	2013	2014	2016	2016	2017	2012 - 2017
IMPROVEMENTS								SIX YEAR
								TOTAL
Machine shop upgrade								-
Maintenance operation center								-
Filter building roof								-
Drive House & Corridor Roof		350,000						350,000
Loading dock								-
Chemical Feed Storage Tank					310,000			310,000
4 Howard Plant Treatment Improvements		\$ -	\$ 100,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,100,000
Flocculator system upgrade			100,000	1,000,000				1,100,000
Ozone bldg wall stabilization/repair								-
Ozone contactor roof refurbishing								-
Clearwell plug flow								-
Chemical feed storage tank SHC								-
Replace filter media								-
Filter effluent valve operators								-
Electrical system upgrades/efficiency								-
Advanced processes								-
								-
								-
5 Pump Facilities Improvements		\$ 800,000	\$ -	\$ 1,200,000	\$ 500,000	\$ 500,000	\$ 600,000	\$ 3,500,000
Florist Station: backup station								-
Riverside Pumps, pipes & valves								-
Lincoln Substation				900,000			500,000	1,400,000
Lincoln Valves & pumps								-
Riverside Tunnel Inspection		800,000						800,000
Adler Zoo interchange 20%								-
GS/LS/Lisbon Adjustable frequency drives								-
Texas Pump upgrades								-
Texas Elec upgrades, power mon					500,000			500,000
Grange HVAC								-
Oklahoma Pump and station upgrades								-
North Point Pump upgrades							500,000	500,000
Various Energy efficiency								-
Various Security upgrades								-
Bluemound VFD								-
Florist HVAC Dehumidification				300,000				300,000
								-
								-
6 Storage Facilities Improvements		\$ -	\$ 100,000	\$ 2,500,000	\$ 100,000	\$ 3,000,000	\$ -	\$ 5,700,000

COPY for -

2012 - 2017		2012	2013	2014	2015	2016	2017	2012 - 2017 SIX YEAR TOTAL
IMPROVEMENTS								
Clearwell roofs	Linnwood							
Florist	Elevated storage tank							
Lincoln	Paint tanks		100,000	2,500,000				2,600,000
Florist	Paint tanks				100,000	3,000,000		3,100,000
7 Meter Repair Shop								
Meter Shop North		\$ 150,000	\$ 1,000,000	\$ 3,000,000	-	-	\$	\$ 4,150,000
Bulk Filling Station		150,000	1,000,000	3,000,000				4,000,000
								150,000
8 Backup Power Generation								
Linnwood		\$ -	\$ 4,700,000	\$ 800,000	\$ 300,000	\$ 3,000,000	\$ 3,000,000	\$ 11,800,000
Linnwood Construction			4,500,000					4,500,000
North Point				800,000				800,000
Grange			200,000		300,000	3,000,000	3,000,000	6,300,000
								1,000,000
9 Capital Projects Contingencies								
Contingencies		\$ -	\$ -	\$ 1,000,000	\$ -	\$ 2,000,000	\$ -	\$ 3,000,000
				1,000,000		2,000,000		3,000,000
Total Plant Improvements		\$ 960,000	\$ 6,660,000	\$ 11,160,000	\$ 3,310,000	\$ 8,600,000	\$ 3,500,000	\$ 34,060,000
TOTAL WATER WORKS PROGRAM		\$ 4,960,000	\$ 10,660,000	\$ 17,400,000	\$ 12,660,000	\$ 19,600,000	\$ 16,000,000	\$ 81,060,000
% increase between years - program gross		-76.0%	115.2%	63.4%	-27.8%	55.3%	-17.9%	

CITY OF MILWAUKEE

2012-2017

DISTRIBUTION MAIN PROJECTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Distribution Water Main Program

Requesting Department: DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Dinah G. Gant/3867

Department Head Signature: *Jeff J. Mantel*

Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life 110 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

Total Positions	Total FTEs			
Position Title	<u>Please See Attached</u>	No. of Positions	FTEs	Salaries \$
	<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____
		_____	_____	\$ _____
		_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

This program is needed to provide sufficient and reliable water supply to enable consumers to satisfy their needs and to protect the health of Milwaukee Citizens; to provide sufficient water for all fire protection needs and to enable consumers to obtain the lowest cost fire insurance. This program is further required to continue development of the City and preservation of neighborhoods.

G) Additional Comments

2012 Water Main Replacement Program is a part of Milwaukee Water Works efforts to reach a replacement schedule that will aid in the replacement of its aging infrastructure in an efficient manner. Water mains to be replaced will be selected based on ranking on the "main break index," hydraulic characteristics, coordination with paving and other construction projects, and water quality concerns.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works Account No: 04206410R999
Project/Program Title: 2012-17 Distribution Water Main Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$3,500,000	\$3,500,000
2013 Projection					\$3,500,000	\$3,500,000
2014 Projection					\$5,500,000	\$5,500,000
2015 Projection					\$8,500,000	\$8,500,000
2016 Projection					\$10,000,000	\$10,000,000
2017 Projection					\$11,500,000	\$11,500,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$42,500,000	\$42,500,000
Total Project Cost	\$0	\$0	\$0	\$0	\$42,500,000	\$42,500,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012 2013 2014 2015 2016 2017
- Limited Information 2012 2013 2014 2015 2016 2017
- Based on Cost of Similar Projects 2012 2013 2014 2015 2016 2017
- Unsupported 2012 2013 2014 2015 2016 2017

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/12

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department: Public Works - Milwaukee Water Works
 Project/Program: 2012-2017 Distribution Water Main Program
 Prepared By: Carrie M. Lewis, Superintendent
 Dept Head: Jeff Mantes, Commissioner

Date Submitted: 3/22/2011
 Current Request: \$3,500,000
 6 Yr Total: \$42,500,000

General Project/Program Description:

The Water Main Replacement Program is a part of Milwaukee Water Works efforts to reach a replacement schedule that will aid in the replacement of its aging infrastructure in an efficient manner.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
X			unable to quantify	Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X			unable to quantify	Does the project address a legislative, regulatory or court-ordered mandate ?
X			unable to quantify	Does the project promote long-term regulatory compliance ?
X			unable to quantify	Will there be serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements ?
		X		Will the facility require significant annual maintenance ?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity ? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use ?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations ?
		X		Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Distribution Water Main Program

**Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.*

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X			unable to quantify	Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
X			unable to quantify	Does the project have the potential to promote economic/community development in areas where growth is desired?
X			unable to quantify	Will the project continue to promote or enhance economic/community development in an already developed area?
X			unable to quantify	Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2017

FEEDER MAIN PROJECTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Feeder Main Program

Requesting Department: DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Dinah G. Gant/3867

Department Head Signature: *Jeff Mantes*

count No: 04206410R999

A) Department Priority _____ of _____ Useful Life 110 Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

This program is needed to provide sufficient and reliable water supply to enable consumers to satisfy their needs and to protect the health of Milwaukee Citizens; to provide sufficient water for all fire protection needs and to enable consumers to obtain the lowest cost fire insurance. This program is further required to continue development of the City and preservation of neighborhoods. Changing water use patterns within the service area necessitate the addition of feeder mains to improve

G) Additional Comments

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works **Account No.:** 04206410R999
Project/Program Title: 2012-17 Feeder Main Program

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$500,000	\$500,000
2013 Projection					\$500,000	\$500,000
2014 Projection					\$750,000	\$750,000
2015 Projection					\$750,000	\$750,000
2016 Projection					\$1,000,000	\$1,000,000
2017 Projection					\$1,000,000	\$1,000,000
Total Six Year Cost	\$0	\$0			\$0	\$4,500,000
Total Project Cost	\$0	\$0			\$0	\$4,500,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012 2013 2014 2015 2016 2017
- Limited Information 2012 2013 2014 2015 2016 2017
- Based on Cost of Similar Projects 2012 2013 2014 2015 2016 2017
- Unsupported 2012 2013 2014 2015 2016 2017

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/12

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext _____

Dinah G. Ganti/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Feeder Main Program		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$500,000
Dept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$4,500,000

General Project/Program Description:

This Program assures sufficient and reliable water supply to enable consumers to satisfy their health and safety needs. This Program also contributes to reliable fire protection and reasonable costs for fire insurance.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
X			unable to quantify	Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
X			unable to quantify	Does the project address a legislative, regulatory or court-ordered mandate?
X			unable to quantify	Does the project promote long-term regulatory compliance?
X			unable to quantify	Will there be serious negative impact on the City if compliance is not achieved?
	X			Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Feeder Main Program

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
X			unable to quantify	Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Economic / Community Development
X			unable to quantify	Does the project have the potential to promote economic/community development in areas where growth is desired?
X			unable to quantify	Will the project continue to promote or enhance economic/community development in an already developed area?
X			unable to quantify	Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
Comments / Other Considerations:				

Yes	No	N/A	Amount	Special Considerations
	X			Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
	X			Are there critical timing issues associated with this project?
X			unable to quantify	Are there inter-jurisdictional considerations?
	X			Can you quantify the impacts of a delay in this project?
Comments / Other Considerations:				

CITY OF MILWAUKEE

2012-2017

WATER PLANTS PROJECTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

MILWAUKEE WATER WORKS

2012-2017

LINNWOOD PLANT BUILDING IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Linnwood Bldg Improvement Requesting Department: DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Dinah G. Gant/3867 Department Head Signature: *Jeff J. Mantel*

count No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

This Program continues with Milwaukee Water Works' plan of maintaining and replacing aging infrastructure for a facility that is critical to the efficient operation of the water purification process.

G) Additional Comments

There are no projects proposed for the 2012 Program Year.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Linnwood Building Improvements

Account No.: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$0	\$0
2013 Projection					\$200,000	\$200,000
2014 Projection					\$0	\$0
2015 Projection					\$0	\$0
2016 Projection					\$0	\$0
2017 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Total Project Cost	\$0	\$0	\$0	\$0	\$200,000	\$200,000

Life to Date Expenditures (Project Only)

\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012 2013 2014 2015 2016 2017
- Limited Information 2012 2013 2014 2015 2016 2017
- Based on Cost of Similar Projects 2012 2013 2014 2015 2016 2017
- Unsupported 2012 2013 2014 2015 2016 2017

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Linnwood Building Improvements	Current Request:	\$0
Prepared By:	Carrie M. Lewis, Superintendent	6 Yr Total:	\$200,000
Dept Head:	Jeff Mantes, Commissioner		

General Project/Program Description:

This Program continues with Milwaukee Water Works' plan of maintaining and replacing aging infrastructure for a facility that is critical to the continuous efficient operation of the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Linnwood Building Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced services?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2017

LINNWOOD PLANT TREATMENT IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Linnwood Treatment Improvements Requesting Department: DPW/MILWAUKEE WATER WORKS
 Prepared By/Phone Ext: Dinah G. Gant/3867 Department Head Signature: *[Signature]*
 count No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program Project/Program Scope Fully Defined Partially Defined

B) Description
Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking
Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical
Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration
 One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
Please See Attached	_____	_____	_____
BMD-52 Water Eng A.xls	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan
 Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification
 This Program continues with Milwaukee Water Works' plan for upgrading and replacing systems necessary for the water purification process.

G) Additional Comments
 There are no projects proposed for the 2012 Program Year.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Linnwood Treatment Improvements

Account No.: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$0	\$0
2013 Projection					\$200,000	\$200,000
2014 Projection					\$1,600,000	\$1,600,000
2015 Projection					\$2,100,000	\$2,100,000
2016 Projection					\$0	\$0
2017 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$3,900,000	\$3,900,000
Total Project Cost	\$0	\$0	\$0	\$0	\$3,900,000	\$3,900,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012 2013 2014 2015 2016 2017
- Limited Information 2012 2013 2014 2015 2016 2017
- Based on Cost of Similar Projects 2012 2013 2014 2015 2016 2017
- Unsupported 2012 2013 2014 2015 2016 2017

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department: Public Works - Milwaukee Water Works
Project/Program: 2012-2017 Linnwood Treatment Improvements
Prepared By: Carrie M. Lewis, Superintendent
Dept Head: Jeff Mantes, Commissioner

Date Submitted: 3/22/2011
Current Request: \$0
6 Yr Total: \$3,900,000

General Project/Program Description:

This Program continues with Milwaukee Water Works' plan for upgrading and replacing systems necessary for the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Linnwood Treatment Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2017

HOWARD PLANT BUILDING IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Howard Bldg Improvements

Requesting Department: DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Dinah G. Gant/3867

Department Head Signature: *Jelly J. Monte*

count No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

This Program continues with Milwaukee Water Works' plans for maintaining and replacing aging infrastructure for the facility that is critical to the efficient operation of the water purification process.

G) Additional Comments

There are no projects proposed for the 2012 Program Year.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Howard Building Improvements

Account No.: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$0	\$0
2013 Projection					\$350,000	\$350,000
2014 Projection					\$0	\$0
2015 Projection					\$310,000	\$310,000
2016 Projection					\$0	\$0
2017 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$660,000	\$660,000
Total Project Cost	\$0	\$0	\$0	\$0	\$660,000	\$660,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012 2013 2014 2015 2016 2017
- Limited Information 2012 2013 2014 2015 2016 2017
- Based on Cost of Similar Projects 2012 2013 2014 2015 2016 2017
- Unsupported 2012 2013 2014 2015 2016 2017

Were cost estimates confirmed by another source? Yes No Uncertain

Are cost estimates based on industry standards? Yes No Uncertain

Will city employees be performing any portion of the work? Yes No Uncertain

Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext _____

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Howard Building Improvements	Current Request:	\$0
Prepared By:	Carrie M. Lewis, Superintendent	6 Yr Total:	\$3,950,000
Dept Head:	Jeff Mantes, Commissioner		

General Project/Program Description:

This Program continues with Milwaukee Water Works' plans for maintaining and replacing aging infrastructure for the facility that is critical to the efficient operation of the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements ?
		X		Will the facility require significant annual maintenance ?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity ? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use ?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations ?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Howard Building Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?
<u>Comments / Other Considerations:</u>				

MILWAUKEE WATER WORKS

2012-2017

HOWARD PLANT TREATMENT IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Howard Treatment Improvements

Requesting Department: DRW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Dinah G. Gant/3867

Department Head Signature: *Jeff Mante*

count No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

This Program continues with Milwaukee Water Works' plans for upgrading and replacing systems necessary water purification process.

G) Additional Comments

There are no projects proposed for the 2012 Program Year.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works
Project/Program Title: 2012-17 Howard Treatment Improvements **Account No:** 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$0	\$0
2013 Projection					\$100,000	\$100,000
2014 Projection					\$1,000,000	\$1,000,000
2015 Projection					\$0	\$0
2016 Projection					\$0	\$0
2017 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$1,100,000	\$1,100,000
Total Project Cost	\$0	\$0	\$0	\$0	\$1,100,000	\$1,100,000

Life to Date Expenditures (Project Only)	\$0	\$0	\$0	\$0
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Available Cost Estimate:	2012	2013	2014	2015	2016	2017
Thorough Cost Estimate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Limited Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Based on Cost of Similar Projects	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsupported	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Were cost estimates confirmed by another source? Yes No Uncertain
 Are cost estimates based on industry standards? Yes No Uncertain
 Will city employees be performing any portion of the work? Yes No Uncertain
 Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: _____
 Estimated Completion Date: _____

Department Head Signature _____
 Prepared By/Phone Ext Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Howard Treatment Improvements	Current Request:	\$0
Prepared By:	Carrie M. Lewis, Superintendent	6 Yr Total:	\$1,100,000
Jept Head:	Jeff Mantes, Commissioner		

General Project/Program Description:

This Program continues with Milwaukee Water Works' plan for upgrading and replacing systems necessary for the water purification process.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

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		X		Does the project directly reduce risks to people or property?
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Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
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Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
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		X		Will the project lead to a reduction in operating costs?
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		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
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Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Howard Treatment Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2012

PUMP FACILITIES PROJECTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Pump Facilities improvements
 Prepared By/Phone Ext: Dinah G. Gant/3867
 count No: 04206410R999

Requesting Department: DPW/MILWAUKEE WATER WORKS
 Department Head Signature: *Jeff J. Mantz*

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

Milwaukee Water Works' two purification plants - Howard and Linnwood - rely upon various pumping facilities located throughout the system. This Program allows Milwaukee Water Works to upgrade and/or replace various aspects (.eg. Pumps, valves, electrical, and HVAC systems, and the buildings themselves) of the pumping facilities that aid in the efficient distribution of quality water throughout the system.

G) Additional Comments

The 2012 Program Year includes a Project that involves the physical inspection of the Linnwood Plant treated water tunnel to the Riverside Pumping Station. MWW intends to inspect the 9 foot diameter tunnel which is approximately 7,200 feet long and has been in service since the 1920's. The last time the tunnel was dewatered, inspected, and repaired was November of 1986.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Pump Facilities Improvements

Account No.: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$800,000	\$800,000
2013 Projection					\$0	\$0
2014 Projection					\$1,200,000	\$1,200,000
2015 Projection					\$500,000	\$500,000
2016 Projection					\$500,000	\$500,000
2017 Projection					\$500,000	\$500,000
Total Six Year Cost	\$0	\$0		\$0	\$3,500,000	\$3,500,000
Total Project Cost	\$0	\$0		\$0	\$3,500,000	\$3,500,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012 2013 2014 2015 2016 2017
- Limited Information 2012 2013 2014 2015 2016 2017
- Based on Cost of Similar Projects 2012 2013 2014 2015 2016 2017
- Unsupported 2012 2013 2014 2015 2016 2017

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: 01/01/12

Estimated Completion Date: 12/31/12

Department Head Signature

Prepared By/Phone Ext

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Pump Facilities Improvements		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$800,000
Dept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$3,500,000

General Project/Program Description:

The 2012 Program year includes one Project that involves the physical inspection of a 9 foot diameter tunnel. This project is in keeping with Milwaukee Water Works' upgrading and/or replacing various aspects of pumping facilities which are critical to water distribution.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Pump Facilities Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2017

STORAGE FACILITIES PROJECTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Storage Facilities improvements Requesting Department: DPW/MILWAUKEE WATER WORKS
 Prepared By/Phone Ext: Dinah G. Gant/3867 Department Head Signature: *Jeff Mante*
 count No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired
 Type of Project New Replacement Repair On-Going Program
 Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure
 Street Related Sewer Water Street Lighting Communications Recreation
 Sidewalks Alleys Bridge Environmental Port Parking

Building
 Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility
 ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development
 Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No
 On-Going Program Yes No
 Multi-Year Yes No Number of Years _____

Total Positions	Total FTEs			
Position Title	<u>Please See Attached</u>	No. of Positions	_____	FTEs _____
	<u>BMD-52 Water Eng A.xls</u>		_____	Salaries \$ _____
			_____	\$ _____
			_____	\$ _____

E) In Six Year Capital Improvement Plan
 Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

Milwaukee Water Works' two purification plants - Howard and Linnwood - rely upon various storage facilities located throughout the system. This Program allows for evaluation, eliminating or enhancing the storage capacity for the system.

G) Additional Comments

There are no projects included in the 2012 Program Year.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Storage Facilities Improvements

Account No.: 04206410R999

Special Assessment

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$0	\$0
2013 Projection					\$100,000	\$100,000
2014 Projection					\$2,500,000	\$2,500,000
2015 Projection					\$100,000	\$100,000
2016 Projection					\$3,000,000	\$3,000,000
2017 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$5,700,000	\$5,700,000
Total Project Cost	\$0	\$0	\$0	\$0	\$5,700,000	\$5,700,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012
- Limited Information 2013
- Based on Cost of Similar Projects 2014
- Unsupported 2015

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Storage Facilities Improvements	Current Request:	\$0
Prepared By:	Carrie M. Lewis, Superintendent	6 Yr Total:	\$5,700,000
Dept Head:	Jeff Mantes, Commissioner		

General Project/Program Description:

This Program allows for the evaluation, elimination, and enhancement to the storage capacity of the utility's system.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety ?
		X		Does the project mitigate an immediate risk ?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate ?
		X		Does the project promote long-term regulatory compliance ?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs ?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs ?
		X		Will the project lead to increased productivity or service improvements ?
		X		Will the facility require significant annual maintenance ?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity ? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use ?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations ?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Storage Facilities Improvements

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2017

METER FACILITIES IMPROVEMENTS

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Meter Facilities improvements

Requesting Department: DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Dinah G. Gant/3867

Department Head Signature: *Jeff J. Mantel*

Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries \$
<u>Please See Attached</u>	_____	_____	_____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	_____
_____	_____	_____	_____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

This Program allows for improvements to the operations associated with the Milwaukee Water Works Business Section's Water Meter Services.

G) Additional Comments

The 2012 Program Year includes a project that will change the way customers will continue to fill portable water tanks. Currently portable water tanks are filled via hydrants. These bulk water fill stations will eventually replace most hydrant permits. Landscaping companies are currently required to use the bulk water fill stations. The intent is to locate Bulk Water Fill Stations, conveniently, for customers in the City. Fill Stations will aid in the elimination of cross contamination and help to accurately meter the amount of water used.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Meter Facilities Improvements

Account No.: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$150,000	\$150,000
2013 Projection					\$1,000,000	\$1,000,000
2014 Projection					\$3,000,000	\$3,000,000
2015 Projection					\$0	\$0
2016 Projection					\$0	\$0
2017 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$4,150,000	\$4,150,000
Total Project Cost	\$0	\$0	\$0	\$0	\$4,150,000	\$4,150,000

Life to Date Expenditures (Project Only)

2012	2013	2014	2015	2016	2017
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate 2012 2013 2014 2015 2016 2017
- Limited Information 2012 2013 2014 2015 2016 2017
- Based on Cost of Similar Projects 2012 2013 2014 2015 2016 2017
- Unsupported 2012 2013 2014 2015 2016 2017

- Were cost estimates confirmed by another source? Yes No Uncertain
- Are cost estimates based on industry standards? Yes No Uncertain
- Will city employees be performing any portion of the work? Yes No Uncertain
- Did you perform a cost/benefit analysis? Yes No Uncertain

How will this project impact city operating expenditures? Increase Decrease None

Estimated Start Date: 01/01/12

Estimated Completion Date: 12/31/12

Department Head Signature

Prepared By/Phone Ext

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Meter Services Facilities Improvements(Meter Shop)	Current Request:	\$150,000
Prepared By:	Carrie M. Lewis, Superintendent	6 Yr Total:	\$4,150,000
Dept Head:	Jeff Mantes, Commissioner		

General Project/Program Description:

The 2012 Program Year includes a project that will provide an alternate method of filling portable water tanks. This Program continuously allows for improvements to the operations associated with Milwaukee Water Works Meter Services. (formerly referred to as Meter Repair Shop)

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Meter Services Facilities Improvements (Formerly Meter Repair Shop)

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related Infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

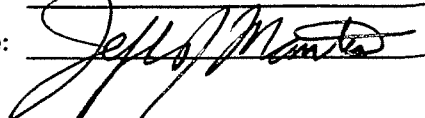
2012-2017

BACKUP POWER GENERATION

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Backup Power Generation
 Prepared By/Phone Ext: Dinah G. Gant/3867
 Account No: 04206410R999

Requesting Department: DPW/MILWAUKEE WATER WORKS
 Department Head Signature: 

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other _____

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

D) Total Positions _____ Total FTEs _____

Position Title	No. of Positions	FTEs	Salaries
<u>Please See Attached</u>	_____	_____	\$ _____
<u>BMD-52 Water Eng A.xls</u>	_____	_____	\$ _____
_____	_____	_____	\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

During the 2008 Milwaukee Water Works' Capital Improvement Budget deliberations, the Common Council allowed for funding of the provision of backup electric power generation for Milwaukee Water Works major purification and pumping facilities. Construction efforts began at the Riverside Pumping Station in 2010 and is scheduled to be complete in late 2011. Design efforts commenced in 2010 for Florist with construction scheduled for 2012. Design efforts for Linwood began in January of 2011 with construction anticipated to begin in 2013.

G) Additional Comments

Ongoing Projects are continuing as noted above. No additional requests for authority are proposed for the 2012 Program Year.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Backup Power Generation

Account No.: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$0	\$0
2013 Projection					\$4,700,000	\$4,700,000
2014 Projection					\$800,000	\$800,000
2015 Projection					\$300,000	\$300,000
2016 Projection					\$3,000,000	\$3,000,000
2017 Projection					\$3,000,000	\$3,000,000
Total Six Year Cost	\$0	\$0	\$0	\$0	\$11,800,000	\$11,800,000
Total Project Cost	\$0	\$0	\$0	\$0	\$11,800,000	\$11,800,000

Life to Date Expenditures (Project Only)

2012	2013	2014	2015	2016	2017
\$0	\$0	\$0	\$0	\$0	\$0

Available Cost Estimate:

- Thorough Cost Estimate
- Limited Information
- Based on Cost of Similar Projects
- Unsupported

Were cost estimates confirmed by another source?
 Are cost estimates based on industry standards?
 Will city employees be performing any portion of the work?
 Did you perform a cost/benefit analysis?

- | | | | | | |
|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

How will this project impact city operating expenditures?

- Increase Decrease None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature

Prepared By/Phone Ext

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Backup Power Generation		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
Dept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$11,800,000

General Project/Program Description:

This Program is a continuation of Milwaukee Water Works' authorized efforts to provide backup electric power generation for major purification and pumping facilities

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
X			unable to quantify	Does the project directly reduce risks to people or property?
X			unable to quantify	Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Backup Power Generation

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?

Comments / Other Considerations:

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

Yes	No	N/A	Amount	Economic / Community Development
		X		Does the project have the potential to promote economic/community development in areas where growth is desired?
		X		Will the project continue to promote or enhance economic/community development in an already developed area?
		X		Is the net impact of the project positive?
		X		Would an alternate location for this project provide a greater positive economic impact?
		X		Will the project produce desirable jobs in the City?
		X		Will the project rejuvenate an area that needs assistance?
		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations:

MILWAUKEE WATER WORKS

2012-2017

CAPITAL PROJECTS CONTINGENCIES

DEPARTMENT OF PUBLIC WORKS
Milwaukee Water Works

Capital Improvement Request Form Part I

Project/Program Title: 2012-17 Capital Projects Contingencies

Requesting Department: DPW/MILWAUKEE WATER WORKS

Prepared By/Phone Ext: Dinah G. Gant/3867

Department Head Signature: *Jeff J. Mantz*

Account No: 04206410R999

A) Department Priority _____ of _____ Useful Life _____ Years Level of Need Essential Important Desired

Type of Project New Replacement Repair On-Going Program

Project/Program Scope Fully Defined Partially Defined

B) Description

Infrastructure

Street Related Sewer Water Street Lighting Communications Recreation

Sidewalks Alleys Bridge Environmental Port Parking

Building

Roof Windows HVAC Electrical Restroom Security Exterior Entire Facility

ADA Office Remodeling New Building Elevators Garage Mechanical

Miscellaneous Development

Economic Information Systems Equipment Other Contingency

C) Project/Program Duration

One Year Yes No

On-Going Program Yes No

Multi-Year Yes No Number of Years _____

Total Positions	Total FTEs						
Position Title	<u>Please See Attached</u>	No. of Positions	_____	FTEs	_____	Salaries	\$ _____
	<u>BMD-52 Water Eng A.xls</u>		_____		_____		\$ _____
			_____		_____		\$ _____

E) In Six Year Capital Improvement Plan

Yes 2010-2015 2011-2016 Yes, Modified New Request

F) Project/Program Justification

Contingency authorization enables capital improvements to move forward quickly in the event of emergency, unforeseen conditions or unexpected consequences that could compromise the utility's ability to provide sufficient quantity and quality of water, or for projects for which there was insufficient cost information available by budgeting deadlines.

G) Additional Comments

The is no proposal for contingency use for the 2012 Program Year.

Capital Improvement Request Part II

Requesting Department: PUBLIC WORKS - Milwaukee Water Works

Project/Program Title: 2012-17 Capital Projects Contingencies

Account No.: 04206410R999

Year	Tax Levy/Borrowing	Grant & Aid	Revenue	Special Assessment	Enterprise	Total Cost
Remaining Balance for 2011						\$0
2012 Budget Request					\$0	\$0
2013 Projection					\$0	\$0
2014 Projection					\$1,000,000	\$1,000,000
2015 Projection					\$0	\$0
2016 Projection					\$3,000,000	\$3,000,000
2017 Projection					\$0	\$0
Total Six Year Cost	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000
Total Project Cost	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000

Life to Date Expenditures (Project Only)

	\$0	\$0	\$0	\$0	\$0	\$0
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Available Cost Estimate:

- Thorough Cost Estimate 2012
- Limited Information 2013
- Based on Cost of Similar Projects 2014
- Unsupported 2015

- Were cost estimates confirmed by another source? 2016
- Are cost estimates based on industry standards? 2017
- Will city employees be performing any portion of the work?
- Did you perform a cost/benefit analysis?

How will this project impact city operating expenditures?

- Increase
- Decrease
- None

Estimated Start Date: _____

Estimated Completion Date: _____

Department Head Signature _____

Prepared By/Phone Ext _____

Dinah G. Gant/3867

CIC - Capital Improvement Request Part III

Department:	Public Works - Milwaukee Water Works	Date Submitted:	3/22/2011
Project/Program:	2012-2017 Capital Project Contingencies		
Prepared By:	Carrie M. Lewis, Superintendent	Current Request:	\$0
Jept Head:	Jeff Mantes, Commissioner	6 Yr Total:	\$4,000,000

General Project/Program Description:

This proposed Program allows Milwaukee Water Works to move quickly, funding wise, in the event of emergency unforeseen conditions or unexpected consequences that would compromise the Utility's ability to continue providing the necessary quantity and/or quality of water.

Whenever possible, please quantify the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Health & Safety
		X		Does the project directly reduce risks to people or property?
		X		Does the project directly promote improved health or safety?
		X		Does the project mitigate an immediate risk?

Comments / Other Considerations:

Yes	No	N/A	Amount	Regulatory Compliance
		X		Does the project address a legislative, regulatory or court-ordered mandate?
		X		Does the project promote long-term regulatory compliance?
		X		Will there be serious negative impact on the City if compliance is not achieved?
		X		Are there other ways to mitigate the regulatory concern?

Comments / Other Considerations:

Yes	No	N/A	Amount	Impact on Operational / Capital Budget
		X		What return on investment will this project generate?
		X		What is the expected payback period for this project?
		X		Does the project minimize life-cycle costs?
		X		Will the facility require additional personnel to operate?
		X		Will the project lead to a reduction in operating costs?
		X		Will the project lead to increased productivity or service improvements?
		X		Will the facility require significant annual maintenance?
		X		Will the new facility require additional equipment or the construction of additional infrastructure not included in the project budget?
		X		Is there a revenue generating opportunity? (e.g. user fees)
		X		Will the project result in a reduction or increase in energy use?
		X		Does the project involve specific energy reduction strategies or features?
		X		Will this project cause disruptions to regular city operations?
				Are there other potential costs associated with this project that are not addressed above?

Comments / Other Considerations:

CIC - Capital Improvement Request Part III (cont'd)

Project/Program: 2012-17 Capital Projects Contingencies

Whenever possible, please quantify / describe the impact of the project in either the amount column or the comment section of each area. Supporting documentation does not need to be submitted with the request but should be available upon request. Please see Capital Guidelines for detailed descriptions of each area of emphasis and additional considerations.

Yes	No	N/A	Amount	Compliance with Area Plans - The Common Council has adopted Comprehensive Area Plans. CIC Guidelines document a link to those plans on the DCD website.
		X		Is the project in conformance with and supportive of the goals, objectives and strategies of any applicable Comprehensive Plan, special study, survey, committee or board?
		X		Does the project increase or enhance educational opportunities for City of Milwaukee citizens?
		X		Does the project increase or enhance recreational opportunities and/or green space?
		X		Will the project mitigate blight?
		X		Does the project target the quality of life of all citizens or does it target one demographic?
		X		Is one population affected positively and another negatively?
		X		Does the project preserve or improve the historical or natural heritage of the City?
		X		Is the project consistent with established community character?
		X		Does the project expand the range of transportation, employment, and housing choices in a fiscally responsible manner?
		X		Does the project improve, mitigate or prevent degradation of environmental quality (e.g. water quality, improve or reduce pollution including noise and/or light pollution)?
<u>Comments / Other Considerations:</u>				

Yes	No	N/A	Amount	Infrastructure - Primarily recurring infrastructure and facilities preservation programs
		X		How does the request effect the pertinent replacement cycle ? Provide specifics below.
		X		Has the facility being replaced exceeded its useful life?
		X		Does this project extend the useful life of an existing facility?
		X		Do maintenance costs exceed replacement costs? (See Below)
		X		Have you documented costs of unplanned or corrective maintenance related to the facility?
		X		Does the project incorporate new technology that will provide enhanced service?
		X		Does the project extend service for new development or redevelopment?
		X		Will this project improve the functionality or service life of other related infrastructure?

Comments / Other Considerations:

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		X		Will the project produce desirable jobs in the City?
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		X		Will the project promote the equitable distribution of the costs and benefits of development?

Comments / Other Considerations:

Yes	No	N/A	Amount	Special Considerations
		X		Is there a significant external funding source that can only be used for this project and/or which will be lost if not used immediately (e.g. proffers, grants through various federal or state initiatives, and private donations)?
		X		Are there critical timing issues associated with this project?
		X		Are there inter-jurisdictional considerations?
		X		Can you quantify the impacts of a delay in this project?

Comments / Other Considerations: