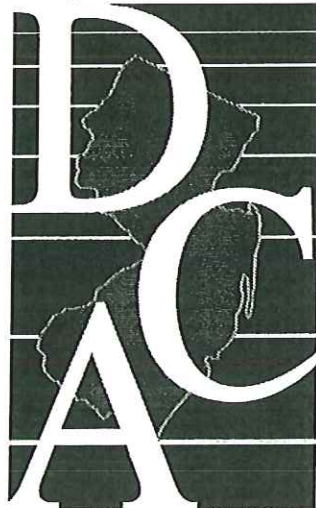


2013

Passaic Valley Water Commission

Authority Budget

Department Of



Community  
Affairs

Division of Local Government Services

2013

**Passaic Valley Water Commission**

(Name)

**AUTHORITY BUDGET**

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

*For Division Use Only*

**CERTIFICATION OF APPROVED BUDGET**

*It is hereby certified that the approved Budget made a part hereof complies with the requirements of law and the rules and regulations of the Local Finance Board, and approval is given pursuant to N.J.S. 40A:5A-11.*

*State of New Jersey  
Department of Community Affairs  
Director of the Division of Local Government Services*

By: \_\_\_\_\_ Date: \_\_\_\_\_

**CERTIFICATION OF ADOPTED BUDGET**

*It is hereby certified that the adopted Budget made a part hereof has been compared with the approved Budget previously certified by the Division, and any amendments made thereto. This adopted Budget is certified with respect to such amendments and comparisons only.*

*State of New Jersey  
Department of Community Affairs  
Director of the Division of Local Government Services*

By:  Date: 02/28/2013

# 2013 PREPARER'S CERTIFICATION

**Passaic Valley Water Commission**


(Name)

## AUTHORITY BUDGET

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

It is hereby certified that the Authority Budget, including both the Annual Budget and the Capital Budget/Program annexed hereto, represents the members of the governing body's resolve with respect to statute in that; all estimates of revenue are reasonable, accurate and correctly stated, all items of appropriation are properly set forth and in itemization, form and content, the budget will permit the exercise of the comptroller function within the Authority.

It is further certified that all proposed budgeted amounts and totals are correct. Also, I hereby provide reasonable assurance that all assertions contained herein are accurate and all Supplemental Schedules required are completed and attached.

  
\_\_\_\_\_  
(Preparer's signature)

**Yitzchak Weiss**  
\_\_\_\_\_  
(Print Name)

**CFO**  
\_\_\_\_\_  
(Title)

**1525 Main Ave.**  
\_\_\_\_\_  
(Address)

**Clifton, NJ 07055**  
\_\_\_\_\_  
(City, State, Zip Code)

**(973) 340-4328/** / **(973) 340-4328**  
\_\_\_\_\_  
(Phone number) (ext) (Fax number)

**yweiss@pvwc.com**  
\_\_\_\_\_  
(Email Address)

# 2013 APPROVAL CERTIFICATION

## Passaic Valley Water Commission

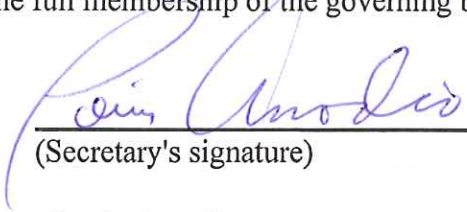
(Name)

## AUTHORITY BUDGET

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

It is hereby certified that the Authority Budget, including Supplemental Schedules appended hereto, are a true copy of the Annual Budget and Capital Budget/Program approved by resolution by the governing body of the Passaic Valley Water Commission, at an open public meeting held pursuant to N.J.A.C. 5:31-2.3, on the 19<sup>th</sup> day of December, 2012.

It is further certified that the recorded vote appearing in the resolution represents a not less than a majority of the full membership of the governing body thereof.

  
(Secretary's signature)

Louis Amodio

(Print Name)

Administrative Secretary

(Title)

1525 Main Avenue

(Address)

Clifton, New Jersey 07011

(City, State, Zip Code)

(973) 340-4310 / (973) 340-4321

(Phone number) (ext) (Fax number)

lamodio@pvwc.com

(Email Address)



# AUTHORITY INFORMATION SHEET

## 2013

Please complete the following information regarding this Authority:

<b>Name of Authority:</b>	Passaic Valley Water Commission		
<b>Address:</b>	1525 Main Avenue		
<b>City, State, Zip:</b>	Clifton	NJ	07011
<b>Phone: (ext.)</b>	(973) 340-4300	<b>Fax:</b>	(973) 340-4334

<b>Preparer's Name:</b>	Yitzchak Weiss		
<b>Preparer's Address:</b>	1525 Main Avenue		
<b>City, State, Zip:</b>	Clifton	NJ	07011
<b>Phone: (ext.)</b>	(973) 340-4328	<b>Fax:</b>	(973) 340-4334

<b>Chief Executive Officer:</b>	Joseph A. Bella		
<b>Phone: (ext.)</b>	(973) 340-4307	<b>Fax:</b>	(973) 340-7567
<b>E-mail:</b>	<a href="mailto:jabella@pvwc.com">jabella@pvwc.com</a>		

<b>Chief Financial Officer:</b>	Yitzchak Weiss		
<b>Phone: (ext.)</b>	(973) 340-4328	<b>Fax:</b>	(973) 340-4334
<b>E-mail:</b>	<a href="mailto:yweiss@pvwc.com">yweiss@pvwc.com</a>		

<b>Name of Auditor:</b>	Steven Wielkottz		
<b>Name of Firm:</b>	Ferraioli, Wielkottz, Cerullo & Cuva		
<b>Address:</b>	401 Wanaque Avenue		
<b>City, State, Zip:</b>	Pompton Lakes	NJ	07442
<b>Phone: (ext.)</b>	(973) 835-7900	<b>Fax:</b>	(973) 835-6631
<b>E-mail:</b>	<a href="mailto:Wielkottz@optonline.net">Wielkottz@optonline.net</a>		

Membership of Board of Commissioners (Full Name)	Title
Robert Vannoy	President
Rigo Sanchez	Vice President
Jeffrey Levine	Treasurer
Gloria Kolodziej	Secretary
Menachem Bazian	Commissioner
Thomas P. DeVita	Commissioner
Idida Rodriguez	Commissioner

# 2013 Authority Budget Resolution

## Passaic Valley Water Commission

(Name)

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

WHEREAS, the Annual Budget and Capital Budget for the Passaic Valley Water Commission for the fiscal year beginning, January 1, and ending, December 31, 2013 has been presented before the governing body of the Passaic Valley Water Commission at its open public meeting of December 19, 2012; and

WHEREAS, the Annual Budget as introduced reflects Total Revenues of \$ 83,837,090, Total Appropriations, including any Accumulated Deficit if any, of \$ 79,123,100 and Total Unrestricted Net Assets utilized of \$ 0; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of \$ 21,642,000 and Total Unrestricted Net Assets planned to be utilized as funding thereof, of \$ 4,642,000; and

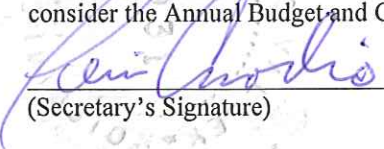
WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues, together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for such reserves, all as may be required by law, regulation or terms of contracts and agreements; and

WHEREAS, the Capital Budget/Program, pursuant to N.J.A.C. 5:31-2, does not confer any authorization to raise or expend funds; rather it is a document to be used as part of the said Authority's planning and management objectives. Specific authorization to expend funds for the purposes described in this section of the budget, must be granted elsewhere; by bond resolution, by a project financing agreement, by resolution appropriating funds from the Renewal and Replacement Reserve or other means provided by law.

NOW, THEREFORE BE IT RESOLVED, by the governing body of the Passaic Valley Water Commission, at an open public meeting held on December 19, 2012 that the Annual Budget, including appended Supplemental Schedules, and the Capital Budget/Program of the Passaic Valley Water Commission for the fiscal year beginning, January 1, and ending, December 31, 2013 is hereby approved; and

BE IT FURTHER RESOLVED, that the anticipated revenues as reflected in the Annual Budget are of sufficient amount to meet all proposed expenditures/expenses and all covenants, terms and provisions as stipulated in the said Authority's outstanding debt obligations, capital lease arrangements, service contracts, and other pledged agreements; and

BE IT FURTHER RESOLVED, that the governing body of the Passaic Valley Water Commission will consider the Annual Budget and Capital Budget/Program for adoption on January 23, 2013.

  
(Secretary's Signature)

12/19/2012  
(Date)

Governing Body	Recorded Vote				
Member:	Aye	Nay	Abstain	Absent	
Bazian, Menachem	X				
Sanchez, Rigo	X				
Levine, Jeffrey	X				
DeVita, Thomas P.	X				
Kolodziej, Gloria	X				
Rodriguez, Idida	X				
Vannoy, Robert	X				

**BUDGET MESSAGE 2013**  
**Passaic Valley Water Commission**  
(Name)

**AUTHORITY BUDGET**

**FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013**

1. Complete a brief statement on the PVWC proposed Annual Budget and make comparison to the current year's adopted budget. Explain significant increases or decreases, if any.

The 2013 Budget includes a slight rate increase which we project will enable us to meet current obligations, projected debt service and budgeted expenditures. Passaic Valley Water Commission is operating under a five-year plan which is designed to bolster our operating reserves and allow for investment in capital.

2. Complete a brief statement on the impact the proposed Annual Budget will have on Anticipated Revenues, especially service charges and on the general purpose/component unit financial statements. Explain significant increases or decreases, if any.

A 4% rate increase has been approved pursuant to our five-year plan. Other aspects of our rate structure remain stable.

3. Describe the state of the local/regional economy and how it may impact the proposed Annual Budget, including the planned Capital Budget/Program.

Technological improvements continue to reduce annual consumption on an individual, per-capita basis. Escalating cost of employee benefits continues to be a concern. We have been mandated to cover our finished water reservoirs, which will significantly impact our capital needs in the next few years.

4. Describe the reasons for utilizing Unrestricted Net Assets in the proposed Annual Budget, i.e. rate stabilization, debt service reduction, to balance the budget, etc.

N/A

5. If the proposed Annual Budget contains an Accumulated Deficit either existing or anticipated, pursuant to N.J.S.A 40A:5A-12, then an explanation as to reasons for occurrence must be disclosed.

N/A



2013

# AUTHORITY BUDGET

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

## ---ANTICIPATED REVENUES---

OPERATING REVENUES -----	CROSS REF. -----	2013 PROPOSED BUDGET -----	2012 CURRENT YEAR'S ADOPTED BUDGET -----
SERVICE CHARGES	* A-1 *	\$47,732,367 *	\$48,816,995 *
CONNECTION FEES	* A-2 *		*
PARKING FEES	* A-3 *		*
OTHER OPERATING REVENUES	* A-4 *	\$35,768,123 *	\$33,949,517 *
<b>TOTAL OPERATING REVENUES</b>	* R-1 *	<u>\$83,500,490 *</u>	<u>\$82,766,512 *</u>
NON-OPERATING REVENUES -----	CROSS REF. -----	2013 PROPOSED BUDGET -----	2012 CURRENT YEAR'S ADOPTED BUDGET -----
OPERATING GRANTS & ENTITLEMENTS	* A-5 *		*
LOCAL SUBSIDIES & DONATIONS	* A-6 *		*
INTEREST ON INVESTMENTS AND DEPOSIT	* A-7 *	\$336,600 *	\$150,000 *
OTHER NON-OPERATING REVENUES	* A-8 *		*
<b>TOTAL NON-OPERATING REVENUES</b>	* R-2 *	<u>\$336,600 *</u>	<u>\$150,000 *</u>
<b>TOTAL ANTICIPATED REVENUES</b> (R-1 + R-2)	* B-1 *	<u>\$83,837,090 *</u>	<u>\$82,916,512 *</u>



2013

# AUTHORITY BUDGET

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

## ---BUDGETED APPROPRIATIONS---

### --OPERATING APPROPRIATIONS--

ADMINISTRATION -----	CROSS REF. -----	2013 PROPOSED BUDGET -----	2012 CURRENT YEAR'S ADOPTED BUDGET -----
SALARY & WAGES	* *	3,726,500.00 *	\$3,954,600 *
FRINGE BENEFITS	* *	\$2,544,803 *	\$2,591,522 *
OTHER EXPENSES	* *	\$16,767,836 *	\$16,539,736 *
<b>TOTAL ADMINISTRATION</b>	* E-1 *	<b>\$23,039,139 *</b>	<b>\$23,085,858 *</b>
COST OF PROVIDING SERVICES -----	CROSS REF. -----	2013 PROPOSED BUDGET -----	2012 CURRENT YEAR'S ADOPTED BUDGET -----
SALARY & WAGES	* *	10,675,200.00 *	\$11,061,000 *
FRINGE BENEFITS	* *	\$7,295,197 *	\$7,248,478 *
OTHER EXPENSES	* *	\$21,107,714 *	\$20,721,914 *
<b>TOTAL COST OF PROVIDING SERVICES</b>	* E-2 *	<b>\$39,078,111 *</b>	<b>\$39,031,392 *</b>
<b>TOTAL PRINCIPAL PAYMENTS ON DEBT SERVICE IN LIEU OF DEPRECIATION</b>	* D-1 *	<b>\$10,824,554 *</b>	<b>\$8,127,384 *</b>
<b>TOTAL OPERATING APPROPRIATIONS (E-1 + E-2 + D-1)</b>	* B-2 *	<b>\$72,941,804 *</b>	<b>\$70,244,634 *</b>

2013

# AUTHORITY BUDGET

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

## ---BUDGETED APPROPRIATIONS---

### --NON-OPERATING APPROPRIATIONS--

			CROSS REF.		2013 PROPOSED BUDGET		2012 CURRENT YEAR'S ADOPTED BUDGET	
TOTAL INTEREST PAYMENTS ON DEBT	*	D-2	*		\$6,181,296	*	\$6,947,812	*
OPERATIONS & MAINTENANCE RESERVE	*		*			*		*
RENEWAL & REPLACEMENT RESERVE(S)	*	C-1	*			*		*
MUNICIPALITY/COUNTY APPROPRIATION	*		*			*		*
OTHER RESERVES	*	C-2	*			*		*
<b>TOTAL NON-OPERATING APPROPRIATIONS</b>	*	<b>B-3</b>	*		<b>\$6,181,296</b>	*	<b>\$6,947,812</b>	*
<b>ACCUMULATED DEFICIT</b>	*	<b>B-4</b>	*			*		*
<b>TOTAL OPERATING &amp; NON-OPERATING APPROPRIATIONS &amp; ACCUMULATED DEFICIT</b> (B-2 + B-3 + B-4)	*	<b>B-5</b>	*		<b>\$79,123,100</b>	*	<b>\$77,192,446</b>	*
UNRESTRICTED NET ASSETS UTILIZED:								
MUNICIPALITY/COUNTY APPROPRIATION	*	R-3a	*			*		*
OTHER	*	R-3b	*			*		*
<b>LESS: TOTAL UNRESTRICTED NET ASSETS UTILIZED (R-3a + R-3b)</b>	*	<b>R-3</b>	*			*		*
<b>NET TOTAL APPROPRIATIONS</b> (B-5 - R-3)	*	<b>B-6</b>	*		<b>\$79,123,100</b>	*	<b>\$77,192,446</b>	*

# 2013 ADOPTION CERTIFICATION

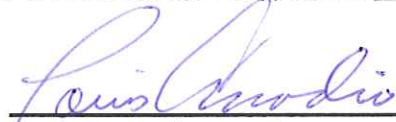
**Passaic Valley Water Commission**

(Name)

## AUTHORITY BUDGET

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

It is hereby certified that the Authority Budget and Capital Budget/Program annexed hereto is a true copy of the Budget adopted by the governing body of the Passaic Valley Water Commission, pursuant to N.J.A.C. 5:31-2.3, on the 16<sup>th</sup> day of January, 2013.

  
\_\_\_\_\_  
(Secretary's signature)

**Louis Amodio**  
\_\_\_\_\_  
(Print Name)

**Administrative Secretary**  
\_\_\_\_\_  
(Title)

**1525 Main Avenue**  
\_\_\_\_\_  
(Address)

**Clifton, New Jersey 07011**  
\_\_\_\_\_  
(City, State, Zip Code)

**(973) 340-4310 / (973) 340-4321**  
\_\_\_\_\_  
(Phone number) (ext) (Fax number)

**lamodio@pvwc.com**  
\_\_\_\_\_  
(Email Address)

# 2013 ADOPTED BUDGET RESOLUTION

## Passaic Valley Water Commission

(Name)

### AUTHORITY

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

WHEREAS, the Annual Budget and Capital Budget for the Passaic Valley Water Commission for the fiscal year beginning, January 1, and ending, December 31, 2013 has been presented for adoption before the governing body of the Passaic Valley Water Commission at its open public meeting of January 23, 2013; and

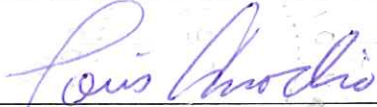
WHEREAS, the Annual Budget and Capital Budget as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services; and

WHEREAS, the Annual Budget as presented for adoption reflects Total Revenues of \$ 83,837,090, Total Appropriations, including any Accumulated Deficit if any, of \$ 79,123,100 and Total Unrestricted Net Assets utilized of \$ 0 ; and

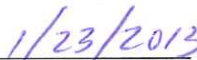
WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of \$ 21,642,000 and Total Unrestricted Net Assets planned to be utilized as funding thereof, of \$ 4,642,000; and

NOW, THEREFORE BE IT RESOLVED, by the governing body of Passaic Valley Water Commission, at an open public meeting held on January 23, 2013 that the Annual Budget and Capital Budget/Program of the Passaic Valley Water Commission for the fiscal year beginning, January 1, and ending, December 31, 2013 is hereby adopted and shall constitute appropriations for the purposes stated; and

BE IT FURTHER RESOLVED, that the Annual Budget and Capital Budget/Program as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services.



(Secretary's Signature)



(Date)

Governing Body	Recorded Vote			
Member:	Aye	Nay	Abstain	Absent
Bazian, Menachem	X			
Sanchez, Rigo	X			
Levine, Jeffrey	X			
DeVita, Thomas P.	X			
Kolodziej, Gloria	X			
Rodriguez, Idida	X			
Vannoy, Robert	X			



2013

Passaic Valley Water  
Commission  
(Name)

AUTHORITY  
CAPITAL  
BUDGET/  
PROGRAM

# 2013 CERTIFICATION of AUTHORITY CAPITAL BUDGET/PROGRAM

**Passaic Valley Water Commission**

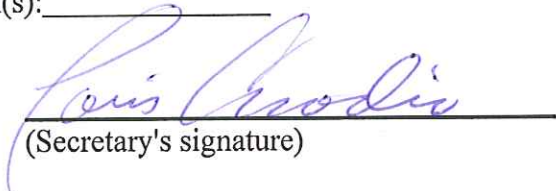
(Name)

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

☒ It is hereby certified that the Authority Capital Budget/Program annexed hereto is a true copy of the Capital Budget/Program approved, pursuant to N.J.A.C. 5:31-2.2, along with the Annual Budget, by the governing body of the Passaic Valley Water Commission, on the 19<sup>th</sup> day of December, 2012.

OR

☐ It is further certified that the governing body of the \_\_\_\_\_ Authority have elected **NOT** to adopt a Capital Budget /Program for the aforesaid fiscal year, pursuant to N.J.A.C. 5:31-2.2 for the following reason(s): \_\_\_\_\_

  
(Secretary's signature)

Louis Amodio

(Print Name)

Administrative Secretary

(Title)

1525 Main Avenue

(Address)

Clifton, New Jersey 07011

(City, State, Zip Code)

(973) 340-4310 / (973) 340-4321

(Phone number) (ext)

(Fax number)

lamodio@pvwc.com

(Email Address)

# 2013 Capital Budget/Program Message

## Passaic Valley Water Commission

FISCAL YEAR: FROM January 1, 2013 TO December 31, 2013

1. Has each municipality or county affected by the actions of the authority participated in the development of the capital plan and reviewed or approved the plans or projects included within the Capital Budget/Program?

The Capital Budget Program has been reviewed by Passaic Valley Water Commission management and Board of Commissioners. Ownership of Passaic Valley Water Commission is shared by the Cities of Paterson, Passaic and Clifton. The commissioners representing the three owner-municipalities inform the local governing bodies upon request.

2. Has each capital project/project financing been developed from a specific capital improvements plan or report; does it include full lifecycle costs, and is it consistent with appropriate elements of Master Plans or other plans in the jurisdictions served by the authority?

Capital projects are constantly being developed and evaluated by the Engineering Department based on feasibility studies. The Director of Engineering constantly reviews and reevaluates life-cycle costs according to plan.

3. Has a long-term (10-20 years) infrastructure needs assessment or other capital plan with a horizon beyond six years been prepared?

An ongoing Master Plan has been developed. Various projects are currently in progress. Capital needs are being assessed for the next fifty years.

4. Describe the projected impacts of the proposed capital projects, including impact on the schedule of rates, fees, and service charges and the impact on current and future year's schedules.

Passaic Valley Water Commission hired a rate consultant to complete a Cost of Service study in 2008. The study incorporated vital capital infrastructure repair and maintenance to our system and allocated the costs across ratepayers in an equitable manner. The study recommended streamlining our rate structure and increasing rates. Same has been approved by the Board of Commissioners. In 2009 the Board commissioned a five-year operating and capital plan which incorporated current and future debt issues and projects minimal rate increases as a result. The five-year plan has been updated in 2012 to reflect current results of operations and capital projects we have been mandated to undertake. We plan to review and update our Cost of Service study in 2013.

5. Please indicate which capital projects/project financings are being undertaken in the Metropolitan or Suburban Planning Areas as defined in the State Development and Redevelopment Plan.

None

6. Please indicate which capital projects/project financings are being undertaken within the boundary of a State Planning Commission-designated Center and/or Endorsed Plan and if the project was included in the Plan Implementation Agenda for that Center/Endorsed Plan?

None

**Add additional sheets if necessary.**

2013

**AUTHORITY CAPITAL BUDGET**

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

PROPOSED YEAR'S CAPITAL IMPROVEMENT PLAN

PROJECTS	ESTIMATED TOTAL COST	-----FUNDING SOURCES-----			
		UNRESTRICTED NET ASSETS	RENEWAL & REPLACEMENT RESERVE	DEBT AUTHORIZATION	OTHER SOURCES
A	\$21,642,000	\$4,642,000		\$17,000,000	
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					
TOTAL	\$21,642,000	\$4,642,000		\$17,000,000	



2013

**AUTHORITY CAPITAL PROGRAM**

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

**5 YEAR CAPITAL IMPROVEMENT PLAN COSTS**

PROJECTS	ESTIMATED TOTAL COST	2013	2014	2015	2016	2017
A	\$186,285,000	\$21,642,000	\$36,771,000	\$37,056,000	\$46,869,000	\$43,947,000
B						
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						
M						
N						
TOTAL	\$186,285,000	\$21,642,000	\$36,771,000	\$37,056,000	\$46,869,000	\$43,947,000

2013

**AUTHORITY CAPITAL PROGRAM**

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

5 YEAR CAPITAL PLAN FUNDING SOURCES: From 2013 to 2017

PROJECTS	ESTIMATED TOTAL COST	-----FUNDING SOURCES-----			
		UNRESTRICTED NET ASSETS	RENEWAL & REPLACEMENT RESERVE	DEBT AUTHORIZATION	OTHER SOURCES
A	\$186,285,000	\$21,702,000		\$164,583,000	
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					
TOTAL	\$186,285,000	\$21,702,000		\$164,583,000	

2013

Passaic Valley Water  
Commission

(Name)

AUTHORITY

SUPPLEMENTAL SCHEDULES

STATE OF NEW JERSEY

DIVISION OF LOCAL GOVERNMENT SERVICES

2013

**AUTHORITY BUDGET**  
SUPPLEMENTAL SCHEDULES

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

==== OPERATING REVENUES ====

----SERVICE CHARGES----	CROSS REF.	# UNITS	2013 PROPOSED ANNUAL COLLECTION	# UNITS	2012 CURRENT YEAR'S ADOPTED BUDGET
RESIDENTIAL	*	*		*	*
BUSINESS/COMMERCIAL	*	*		*	*
INDUSTRIAL	*	*		*	*
INTERGOVERNMENTAL	*	*		*	*
METERED SERVICE CHARGES	*	*	\$47,732,367	* 64147	\$48,816,995 *
<b>TOTAL SERVICE CHARGES</b>	* A-1	*	<u>\$47,732,367</u>	* 64147	<u>\$48,816,995</u> *
			=====		=====

----CONNECTION FEES----	CROSS REF.	# UNITS	2013 PROPOSED ANNUAL COLLECTION	# UNITS	2012 CURRENT YEAR'S ADOPTED BUDGET
RESIDENTIAL	*	*		*	*
BUSINESS/COMMERCIAL	*	*		*	*
INDUSTRIAL	*	*		*	*
INTERGOVERNMENTAL	*	*		*	*
OTHER	*	*		*	*
<b>TOTAL CONNECTION FEES</b>	* A-2	*	<u></u>	*	<u></u> *
			=====		=====

\* INCLUDE ALL APPLICABLE RATE SCHEDULES TO SUPPORT SUCH FEES



2013

**AUTHORITY BUDGET**  
SUPPLEMENTAL SCHEDULES

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

==== OPERATING REVENUES ====

----PARKING FEES----	CROSS REF.	# UNITS	2013 PROPOSED ANNUAL COLLECTION	# UNITS	2012 CURRENT YEAR'S ADOPTED BUDGET
	-----	-----	-----	-----	-----
METERS	*	*		*	*
PERMITS	*	*		*	*
FINES/PENALTIES	*	*		*	*
OTHER	*	*		*	*
<b>TOTAL PARKING FEES</b>	*	A-3 *	-----	*	-----
			=====		=====

---OTHER OPERATING REVENUES---

	CROSS REF.		2013 PROPOSED ANNUAL COLLECTION		2012 CURRENT YEAR'S ADOPTED BUDGET
	-----	-----	-----		-----
<b>LIST IN DETAIL:</b>					
Service Agreements (Bulk)	*	*	\$25,354,843	*	\$24,357,631 *
Fines/Penalties	*	*	\$332,000	*	\$336,000 *
Fireline Service	*	*	\$4,905,444	*	\$4,488,170 *
Other Services/Repairs	*	*	\$5,175,836	*	\$4,767,716 *
	*	*		*	*
<b>TOTAL OTHER REVENUES</b>	*	A-4 *	-----	*	-----
			=====		=====

\* INCLUDE ALL APPLICABLE RATE SCHEDULES TO SUPPORT SUCH FEES

2013

**AUTHORITY BUDGET**  
SUPPLEMENTAL SCHEDULES

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

==== NON-OPERATING REVENUES ====

----GRANTS &---- ----ENTITLEMENTS----	CROSS REF.	2013 PROPOSED BUDGET	2012 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
	*	*	*
	*	*	*
	*	*	*
	*	*	*
TOTAL GRANTS & ENT.	* A-5	*	*
		=====	=====

---LOCAL SUBSIDIES--- ---& DONATIONS---	CROSS REF.	2013 PROPOSED BUDGET	2012 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
	*	*	*
	*	*	*
	*	*	*
	*	*	*
TOTAL SUB. & DONATIONS	* A-6	*	*
		=====	=====

2013

**AUTHORITY BUDGET  
SUPPLEMENTAL SCHEDULES**

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

==== NON-OPERATING REVENUES ====

---INTEREST ON INVESTMENTS--- ---AND DEPOSITS---	CROSS REF.		2013 PROPOSED BUDGET		2012 CURRENT YEAR'S ADOPTED BUDGET	
INVESTMENTS	*	*	\$336,600	*	\$150,000	*
SECURITY DEPOSITS	*	*		*		*
PENALTIES	*	*		*		*
OTHER INVESTMENTS	*	*		*		*
TOTAL INTEREST ON INVESTMENTS & DEPOSITS	*	A-7 *	\$336,600	*	\$150,000	*
			=====		=====	

---OTHER NON-OPERATING REVENUES---	CROSS REF.		2013 PROPOSED BUDGET		2012 CURRENT YEAR'S ADOPTED BUDGET	
LIST IN DETAIL:	*	*		*		*
	*	*		*		*
	*	*		*		*
	*	*		*		*
	*	*		*		*
TOTAL OTHER REVENUES	*	A-8 *		*		*
			=====		=====	

2013

**AUTHORITY BUDGET**  
SUPPLEMENTAL SCHEDULES

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

==== NON-OPERATING APPROPRIATIONS ====

----RENEWAL &---- ----REPLACEMENT RESERVE(S)----	CROSS REF.	2013 PROPOSED BUDGET	2012 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
	*	*	*
	*	*	*
	*	*	*
	*	*	*
TOTAL RENEWAL & REPLACEMENT RESERVE(S)	* C-1 *	*	*
		=====	=====

---OTHER RESERVES---	CROSS REF.	2013 PROPOSED BUDGET	2012 CURRENT YEAR'S ADOPTED BUDGET
LIST IN DETAIL:			
	*	*	*
	*	*	*
	*	*	*
	*	*	*
TOTAL OTHER RESERVES	* C-2 *	*	*
		=====	=====



2013

**AUTHORITY BUDGET**  
SUPPLEMENTAL SCHEDULES

(OPERATION)

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

==== BUDGETED DEBT SERVICE REQUIREMENTS ====

---PRINCIPAL PAYMENTS---

	CROSS REF.	2013 PROPOSED BUDGET	2012 CURRENT YEAR'S ADOPTED BUDGET
AUTHORITY NOTES	* P-1 *		
AUTHORITY BONDS	* P-2 *	\$10,760,395	\$8,065,094
CAPITAL LEASES	* P-3 *	\$64,159	\$62,290
INTERGOVERN. LOANS	* P-4 *		
OTHER OBLIGATIONS	* P-5 *		
<b>TOTAL PRINCIPAL PAYMENTS</b>	<b>* D-1 *</b>	<b>\$10,824,554</b>	<b>\$8,127,384</b>

---INTEREST PAYMENTS---

	CROSS REF.	2013 PROPOSED BUDGET	2012 CURRENT YEAR'S ADOPTED BUDGET
AUTHORITY NOTES	* I-1 *		
AUTHORITY BONDS	* I-2 *	\$6,181,296	\$6,947,812
CAPITAL LEASES	* I-3 *		
INTERGOVERN. LOANS	* I-4 *		
OTHER OBLIGATIONS	* I-5 *		
<b>TOTAL INTEREST PAYMENTS</b>	<b>* D-2 *</b>	<b>\$6,181,296</b>	<b>\$6,947,812</b>

2013

**AUTHORITY BUDGET**

(OPERATION)

**SUPPLEMENTAL SCHEDULES**

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

**5 YEAR DEBT SERVICE SCHEDULE**

PRINCIPAL PAYMENTS	YEARS					
	Prior Year 2012	2013	2014	2015	2016	2017
<hr/>						
--AUTHORITY NOTES--						
Additional debt approved *	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
<hr/>						
TOTAL PAYMENTS P-1 *	*	*	*	*	*	*
<hr/>						
--AUTHORITY BONDS--						
Per 12/31/11 audit *	\$8,065,094 *	\$9,310,395 *	\$9,669,696 *	\$9,809,982 *	\$9,570,125 *	\$9,922,268 *
Additional debt approved *	*	\$1,450,000 *	\$1,460,000 *	\$1,470,000 *	\$1,485,000 *	\$1,505,000 *
	*	*	*	*	*	*
<hr/>						
TOTAL PAYMENTS P-2 *	\$8,065,094 *	\$10,760,395 *	\$11,129,696 *	\$11,279,982 *	\$11,055,125 *	\$11,427,268 *
<hr/>						
--AUTHORITY CAPITAL LEASES--						
Lodi *	\$62,290 *	\$64,159 *	\$66,084 *	\$68,066 *	\$70,108 *	\$72,211 *
	*	*	*	*	*	*
	*	*	*	*	*	*
<hr/>						
TOTAL PAYMENTS P-3 *	\$62,290 *	\$64,159 *	\$66,084 *	\$68,066 *	\$70,108 *	\$72,211 *
<hr/>						
--AUTHORITY INTERGOVERNMENTAL LOANS--						
	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
<hr/>						
TOTAL PAYMENTS P-4 *	*	*	*	*	*	*
<hr/>						
--AUTHORITY OBLIGATIONS (LIST):--						
	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
<hr/>						
TOTAL PAYMENTS P-5 *	*	*	*	*	*	*
<hr/>						
TOTAL PRINCIPAL						
DEBT PAYMENTS SS-6 *	\$8,127,384 *	\$10,824,554 *	\$11,195,780 *	\$11,348,048 *	\$11,125,233 *	\$11,499,479 *
	=====	=====	=====	=====	=====	=====

2013

**AUTHORITY BUDGET**

(OPERATION)

SUPPLEMENTAL SCHEDULES

Passaic Valley Water Commission Authority

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

5 YEAR DEBT SERVICE SCHEDULE

INTEREST PAYMENTS	YEARS					
	Prior Year 2012	2013	2014	2015	2016	2017
--AUTHORITY NOTES--						
Additional debt approved	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
<b>TOTAL PAYMENTS I-1</b>	*	*	*	*	*	*
--AUTHORITY BONDS--						
Per 12/31/11 audit	*	\$6,947,812 *	\$5,969,407 *	\$5,732,237 *	\$5,478,788 *	\$5,117,815 *
Additional debt approved	*	\$211,889 *	\$272,658 *	\$260,540 *	\$246,134 *	\$228,166 *
	*	*	*	*	*	*
<b>TOTAL PAYMENTS I-2</b>	*	\$6,947,812 *	\$6,181,296 *	\$6,004,895 *	\$5,739,328 *	\$5,363,949 *
--AUTHORITY CAPITAL LEASES--						
	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
<b>TOTAL PAYMENTS I-3</b>	*	*	*	*	*	*
--AUTHORITY INTERGOVERNMENTAL LOANS--						
	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
<b>TOTAL PAYMENTS I-4</b>	*	*	*	*	*	*
--AUTHORITY OBLIGATIONS (LIST)--						
	*	*	*	*	*	*
	*	*	*	*	*	*
	*	*	*	*	*	*
<b>TOTAL PAYMENTS I-5</b>	*	*	*	*	*	*
<b>TOTAL INTEREST</b>						
<b>DEBT PAYMENTS SS-6</b>	*	\$6,947,812 *	\$6,181,296 *	\$6,004,895 *	\$5,739,328 *	\$5,363,949 *
	=====	=====	=====	=====	=====	=====

Passaic Valley Water Commission Authority

AUTHORITY BUDGET  
SUPPLEMENTAL SCHEDULES

(OPERATION)

FISCAL YEAR: FROM JANUARY 1, 2013 TO DECEMBER 31, 2013

(1) PY UNRESTRICTED NET ASSETS PY AUDIT \* \* \$8,181,229 \*

**ADJUSTMENTS DURING CURRENT YEAR**

(a) EST. NET INCOME OR (LOSS) ON CURRENT

YEAR'S RESULTS OF OPERATIONS \*

\* 8,097,137 \*

(Include unbudgeted use of unrestricted net assets)

(b) ADJUSTMENTS: OTHER (Attach list): \*

\*  \*

(2) SUBTOTAL - ADJUSTMENTS (ADD AMOUNTS ON LINES a-b) \* 8,097,137 \*

(3) ADD LINES 1 AND 2 \* 16,278,366 \*

**CURRENT YEAR ESTIMATED CHANGES IN RESTRICTIONS**

(attach documentation)

INC./(DEC.)

(c) DEBT SERVICE \*

\*  \*

(d) MAINTENANCE RESERVE \*

\*  \*

(e) OPERATING REQUIREMENT \*

\*  \*

(f) OTHER LEGAL RESERVATIONS \*

\*  \*

(4) SUB-TOTAL - RESTRICTIONS (ADD AMOUNTS ON LINES c-f) \*  \*

**DESIGNATIONS (attach documentation)**

(g) NON-OPERATING IMPROVEMENTS & REPAIRS (CB-4&5) \*

\*  \*

(h) CONTRIBUTION TO RATE STABILIZATION PLAN (#) \*

\*  \*

(i) OTHER BOARD DESIGNATION \*

\*  \*

(j) ADJUSTMENTS /OTHER (Attach list): \*

\*  \*

(5) SUBTOTAL - DESIGNATIONS (ADD AMOUNTS ON LINES g-i) \*  \*

(6) ADD LINES 4 and 5 \*  \*

(7) UNRESTRICTED NET ASSETS AVAILABLE FOR USE IN PROPOSED BUDGET \* 16,278,366 \*

(SUBTRACT LINE 6 FROM LINE 3)

**PROPOSED UTILIZATION OF AVAILABLE UNRESTRICTED NET ASSETS**

(8) AS REVENUE IN ANNUAL BUDGET (PAGE 6, LINE R-3b) \*  \*

(9) FOR CURRENT YEAR CAPITAL BUDGET (PAGE CB-3) \* 4,642,000 \*

(10) SUBTOTAL - U/R NET ASSETS UTILIZED (ADD AMOUNTS ON LINES 8-9) \* 4,642,000 \*

(11) MAXIMUM ALLOWABLE FOR APPROPRIATION TO MUNICIPALITY/COUNTY

(Budget Item B-2 times 5%) \$3,647,090

(12) AS APPROPRIATED TO MUNICIPALITY/COUNTY (PAGE 6, LINE R-3a) \*  \*

(13) TOTAL UNRESTRICTED/UNDESIGNATED NET ASSETS \* \$11,636,366 \*

(SUBTRACT LINES 10 AND 12 FROM LINE 7)

(973) 340-4307 / (973) 340-7567

Phone # (extension) / Fax#

CERTIFIED BY: 

EXECUTIVE DIRECTOR

(#) Explain in detail in the Budget Message

DATE: 12/11/12  
PAGE SS-9



**PASSAIC VALLEY WATER COMMISSION**  
**CAPITAL IMPROVEMENT PLAN (2013 to 2017)**

PROJECT	DESCRIPTION	ESTIMATED COST (2012 Dollars)	2013	2014	2015	2016	2017	Total
	Inflat Adjustmts (3%) to Yr of Const/Purchase	1,000	1,030	1,061	1,093	1,126	1,159	
<b>Recurring Construction, Vehicles, &amp; Equipment</b>								
Cleaning and Lining								
Main Replacement	Annual C&L	\$ 2,500,000	\$ 3,000,000	\$ 2,652,000	\$ 2,732,000	\$ 2,814,000	\$ 2,898,000	\$ 14,096,000
Valve Replacement	Annual Main Replacements	\$ 1,500,000	\$ 1,545,000	\$ 1,591,000	\$ 1,639,000	\$ 1,688,000	\$ 1,739,000	\$ 8,202,000
Meter Replacement	Annual (includes plant)	\$ 700,000	\$ 721,000	\$ 743,000	\$ 765,000	\$ 788,000	\$ 811,000	\$ 3,828,000
Plant/Distribution	Annual Meter replacement Program	\$ 100,000	\$ 1,030,000	\$ 106,000	\$ 3,825,000	\$ 3,939,000	\$ 4,057,000	\$ 12,957,000
Vehicles/Equipment	Misc. Upgrades	\$ 600,000	\$ 618,000	\$ 637,000	\$ 656,000	\$ 675,000	\$ 696,000	\$ 3,282,000
	Trucks, Cars, Backhoes, etc.	\$ 1,800,000	\$ 500,000	\$ 350,000	\$ 250,000	\$ 350,000	\$ 350,000	\$ 1,800,000
<b>Subtotal Recurring Construction, Vehicles, &amp; Equipment</b>		\$ 7,200,000	\$ 7,414,000	\$ 6,079,000	\$ 9,867,000	\$ 10,254,000	\$ 10,551,000	\$ 44,165,000
<b>Discrete Projects</b>								
<b>Source of Supply</b>								
<b>Dam Improvements</b>								
New Street								
Kearny Multiples	Seismic Reinforcement of Dam	\$ 750,000	\$ 773,000					\$ 773,000
Secondary Wanaque Line	Rehabilitate River Crossing Connections	\$ 500,000	\$ 515,000					\$ 515,000
Wanaque Suction Line	Install backup line for Wanaque feed	\$ 850,000			\$ 929,000			\$ 929,000
Intake Improvements	Replace 48-inch Main	\$ 800,000				\$ 450,000	\$ 464,000	\$ 914,000
	Head Gate Boom	\$ 300,000			\$ 328,000			\$ 328,000
<b>Subtotal Source of Supply Improvements</b>		\$ 3,200,000	\$ 1,288,000	\$ -	\$ 1,257,000	\$ 450,000	\$ 464,000	\$ 3,459,000

**PASSAIC VALLEY WATER COMMISSION**  
**CAPITAL IMPROVEMENT PLAN (2013 to 2017)**

PROJECT	DESCRIPTION	ESTIMATED COST (2012 Dollars)	2013	2014	2015	2016	2017	Total
<b>Production &amp; Pumping</b>								
Main Pump Station Discharge Valves	Replace Disch V's-Main Pumps	\$ 500,000	\$ 103,000	\$ 106,000	\$ 109,000	\$ 113,000	\$ 116,000	\$ 547,000
Ozone System Upgrade	Ambient Air Vaporizers	\$ 400,000	\$ 206,000	\$ 212,000	\$ 219,000	\$ 225,000		\$ 418,000
Rehabilitate Chemical Systems	Sulfuric Acid, PACL, Hypochlorite & Caustic	\$ 800,000	\$ 206,000	\$ 212,000	\$ 219,000	\$ 225,000		\$ 862,000
MCC Pump Drives	New VFDs for 4 pumps	\$ 1,000,000				\$ 563,000	\$ 580,000	\$ 1,143,000
Hydro-Turbine Generators	Refurbish & Re-Align 4 Turbine Generators	\$ 2,500,000	\$ 1,545,000	\$ 1,061,000				\$ 2,606,000
Residuals Treatment	Study & Full Scale Pilot	\$ 800,000	\$ 412,000	\$ 424,000				\$ 836,000
Boiler House	Residuals Handling Improvements	\$ 5,000,000		\$ 2,652,000	\$ 2,732,000			\$ 5,384,000
Boiler House	Replace Retaining Wall	\$ 500,000		\$ 530,000				\$ 530,000
Filter Valve Actuators	Remove Boiler House Roof	\$ 600,000		\$ 637,000				\$ 637,000
Filter Underdrain Replacement	Repair/Replace Valve Actuators	\$ 800,000		\$ 424,000	\$ 437,000			\$ 861,000
Subtotal Production & Pumping Improvements	Replace Filter Underdrains	\$ 1,300,000	\$ 670,000	\$ 424,000	\$ 437,000			\$ 861,000
		\$ 14,200,000	\$ 3,142,000	\$ 6,258,000	\$ 3,497,000	\$ 901,000	\$ 696,000	\$ 14,494,000

# PASSAIC VALLEY WATER COMMISSION

## CAPITAL IMPROVEMENT PLAN (2013 to 2017)

PROJECT	DESCRIPTION	ESTIMATED COST (2012 Dollars)	2013	2014	2015	2016	2017	Total
Distribution								
Lodi Phases 2 and 3	Install ~ 6,000 lf of new 12" main	\$ 900,000						
New Paterson (HillCrest) Main	7,000' of new 12" Main & Elm Granite Ave Tank	\$ 1,700,000			\$ 929,000	\$ 1,013,000		\$ 1,013,000
	Storage Improvement Project					\$ 957,000		\$ 1,886,000
Open Finished Water Reservoirs	Consulting-Phase 1-Design, Mgmt, Legal	\$ 4,000,000	\$ 1,236,000	\$ 2,122,000	\$ 874,000			\$ 4,232,000
	Consulting-Phase 2-Design, Mgmt, Legal	\$ 8,500,000			\$ 2,786,000	\$ 4,783,000	\$ 1,971,000	\$ 9,540,000
	Phase 1-Const Levine & Stry Pwr @Plant	\$ 34,000,000		\$14,428,000	\$ 14,861,000	\$ 7,653,000		\$ 36,942,000
	Phase 2-Const-New St	\$ 34,300,000				\$ 15,442,000	\$15,905,000	\$ 31,347,000
	Phase 3-Const-Gt Notch	\$ 42,000,000						
	Back-up Power at Remote Pump Stations	\$ 1,000,000			\$ 546,000	\$ 563,000		\$ 1,109,000
Prospect Park	Tank Replacement (Contract Balance)	\$ 250,000	\$ 258,000		\$ 410,000	\$ 422,000		\$ 258,000
Lodi Tank	Repair and Repaint	\$ 750,000				\$ 675,000		\$ 832,000
Paterson Eastside	2,200 feet of 16-inch main	\$ 600,000						\$ 675,000
PVWC/United Interconnection	Upgrade interconnection in Lodi	\$ 2,000,000					\$ 2,319,000	\$ 2,319,000
Great Falls Arch Bridge	Repair & Re-Paint the Arch Bridge	\$ 600,000	\$ 618,000					\$ 618,000
Remote PS Upgrade Program	Major Overhaul of Equipment, and Structures	\$ 18,000,000					\$ 10,433,000	\$ 10,433,000
Subtotal Distribution Improvements		\$ 148,600,000	\$ 2,112,000	\$ 16,550,000	\$ 20,406,000	\$ 31,508,000	\$ 30,628,000	\$ 101,204,000
Plant & General Structures								
Replace Roof & Skylights	Main Pumping Station	\$ 550,000	\$ 57,000					\$ -
Replace Windows	Main Pumping Station	\$ 400,000	\$ 412,000	\$ 525,000				\$ 582,000
Clifton Admin Bldg	Admin Bldg-1st & 2nd Fl Windows	\$ 140,000	\$ 144,000					\$ 412,000
WTP Admin Upgrades	Admin Bldg - 2nd Floor Renovation	\$ 250,000	\$ 258,000					\$ 144,000
Elect System Upgrades	Upgrade Offices and Storage, HVAC	\$ 200,000		\$ 108,000	\$ 109,000			\$ 258,000
Great Falls (Joe Heshing Bldg)	Miscellaneous Reliability Enhancements	\$ 400,000	\$ 206,000	\$ 212,000				\$ 215,000
Point View	Roof framing and roof replacement	\$ 50,000						\$ 418,000
New Street & Levine	Fencing	\$ 250,000					\$ 58,000	\$ 58,000
Main Pump Station	Fencing	\$ 100,000		\$ 68,000	\$ 68,000	\$ 70,000	\$ 72,000	\$ 276,000
Clearwell Baffles	Hydraulic Switchboard Rehabilitation	\$ 2,000,000		\$ 27,000	\$ 27,000	\$ 28,000	\$ 29,000	\$ 111,000
	Furnish & Install Baffles in the Clearwells	\$ 200,000				\$ 2,251,000		
Subtotal Plant & General Structures		\$ 4,540,000	\$ 1,077,000	\$ 1,148,000	\$ 204,000	\$ 2,349,000	\$ 159,000	\$ 4,937,000



PASSAIC VALLEY WATER COMMISSION

CAPITAL IMPROVEMENT PLAN (2013 to 2017)

PROJECT	DESCRIPTION	ESTIMATED COST (2012 Dollars)	2013	2014	2015	2016	2017	Total
<b>Instrumentation, Controls and Information Technologies</b>								
Business Process Review	Hardware & Software	\$ 6,000,000	\$ 1,236,000	\$ 1,273,000	\$ 1,311,000	\$ 1,351,000	\$ 1,391,000	\$ 6,562,000
Distribution SCADA	Distribution System Instrumentation	\$ 3,000,000	\$ 1,545,000	\$ 1,591,000				\$ 3,136,000
WTP SCADA	WTP System Upgrade	\$ 2,500,000	\$ 1,288,000	\$ 1,326,000				\$ 2,614,000
Commercial Systems Upgrade	Telephone System Upgrade	\$ 465,000	\$ 479,000					\$ 479,000
	Radio Meter Read Monthly Accnts	\$ 80,000		\$ 42,000	\$ 44,000			\$ 86,000
Engineering Systems	Digital Mapping & GIS Ass'tmt	\$ 2,500,000	\$ 1,288,000	\$ 1,326,000				\$ 2,614,000
	Asset Georeferencing	\$ 1,500,000	\$ 773,000	\$ 796,000				\$ 1,569,000
	Security Consultant/Vulnerability Imp	\$ 200,000		\$ 53,000	\$ 55,000	\$ 56,000	\$ 58,000	\$ 222,000
	Automatic Inorganic Chemistry Syst	\$ 80,000			\$ 87,000			\$ 87,000
Laboratory/Water Quality Systems	IC	\$ 60,000		\$ 64,000				\$ 64,000
	Two GC's	\$ 100,000		\$ 106,000				\$ 106,000
	GC/MS	\$ 150,000		\$ 159,000				\$ 159,000
	ICP/MS or ICP	\$ 300,000			\$ 328,000			\$ 328,000
Subtotal Instrumentation, Controls and Information Technologies		\$ 16,935,000	\$ 6,609,000	\$ 6,736,000	\$ 1,825,000	\$ 1,407,000	\$ 1,449,000	\$ 18,026,000
<b>TOTAL</b>		\$ 194,675,000	\$ 21,642,000	\$ 36,771,000	\$ 37,056,000	\$ 46,869,000	\$ 43,947,000	\$ 186,285,000