

**EAST ORANGE COUNTY WATER DISTRICT
WHOLESALE ZONE
MULTI-YEAR CAPITAL PLAN**

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PROJECTED AVAILABLE RESOURCES:

Projected beginning cash and cash equivalents
 4113-0001-1 Projected connection fees
 Various Projected interest earnings
 4925-0001-1 Projected Interest Receivable - AMP Note
 4985-0001-1 Proceeds from Financing
 4991-0010-1 Reimbursement for Storm Damage Repairs
 4991-0011-1 Reimbursement for Security Upgrades
 4993-0953-1 Transfers from Operating Expenses
 8981-0001-1 Transfers to (from) Reserves

Projected 6-30-13	Current Year	2013-14	2014-15	2015-16	2016-17	2017-18	TOTAL
	\$5,760,657	\$5,437,657	\$4,618,647	\$4,531,647	\$4,531,647	\$3,582,647	
\$57,000	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
\$10,000	\$10,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$75,000
\$10,000	\$10,000	\$15,000	\$13,000	\$10,000	\$5,000	\$0	\$43,000
	\$0	\$0	\$2,250,000	\$11,000,000	\$0	\$0	\$13,250,000
\$70,000	\$70,000	\$0	N/A	N/A	N/A	N/A	\$0
\$20,000	\$20,000	\$0	N/A	N/A	N/A	N/A	\$0
\$40,000	\$135,000	\$39,990	\$75,000	\$75,000	\$75,000	\$75,000	\$339,990
	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000
\$207,000	\$265,000	\$79,990	\$2,388,000	\$11,135,000	\$130,000	\$125,000	
\$207,000	\$6,025,657	\$5,517,647	\$7,006,647	\$15,666,647	\$4,661,647	\$3,707,647	
							\$13,857,990

Subtotal Projected Annual Revenue

Projected Annual Resources

TOTAL ANTICIPATED NET REVENUE 2013-2017

CAPITAL PROJECTS AND REPLACEMENTS

7912-102C-1 Metal Flashing at Peters Canyon Reservoir-Construction
 7912-102L-1 Metal Flashing at Peters Canyon Reservoir-Labor
 7912-103C-1 Security Gate at 6 MG Site-Const (WZ Portion)(Carryover)
 7912-103L-1 Security Gate at 6 MG Site-Labor (WZ Portion)(Carryover)
 7912-105C-1 Security System at Peters Canyon Reservoir-Construction
 7912-105L-1 Security System at Peters Canyon Reservoir-Labor
 7912-107E-1 Backup generator at OC70 Pump Station-Engineering
 7912-107C-1 Backup generator at OC70 Pump Station-Const (Carryover)
 7912-107L-1 Backup generator at OC70 Pump Station-Labor
 7912-108E-1 Electrical modifications for Backup Generator-Engineering
 7912-108C-1 Electrical modifications for Backup Generator-Construction (Carryover)
 7912-108L-1 Electrical modifications for Backup Generator-Labor
 7912-109E-1 Metering Improvements for WZ Billing-Engineering
 7912-109C-1 Metering Improvements for WZ Billing-Construction
 7912-109L-1 Metering Improvements for WZ Billing-Labor
 7912-110E-1 Pipeline Inspections-Engineering (Carryover)
 7912-110L-1 Pipeline Inspections-Labor
 7912-201E-1 Betterment and Replacement Plan-Engineering (Carryover)

Projected	Current Year	2013-14	2014-15	2015-16	2016-17	2016-17	TOTAL
\$0	\$10,000	\$10,000					\$10,000
\$0	\$1,000	\$1,000					\$1,000
\$0	\$8,000	\$8,000					\$8,000
\$0	\$1,000	\$1,000					\$1,000
\$30,500	\$20,000	\$15,000					\$15,000
\$31,550	\$1,000	\$5,000					\$5,000
\$15,000	\$15,000	\$0					\$0
\$50,000	\$85,000	\$35,000					\$35,000
\$1,000	\$1,000	\$1,000					\$1,000
\$15,000	\$15,000	\$0					\$0
\$15,000	\$15,000	\$0					\$0
\$1,000	\$1,000	\$0					\$0
\$1,000	\$1,000	\$0					\$0
\$37,000	\$30,000	\$0					\$0
\$1,000	\$1,000	\$0					\$0
\$0	\$25,000	\$25,000					\$25,000
\$0	\$1,000	\$1,000					\$1,000
\$5,000	\$75,000	\$75,000					\$75,000

**EAST ORANGE COUNTY WATER DISTRICT
WHOLESALE ZONE
MULTI-YEAR CAPITAL PLAN**

CAPITAL PROJECTS AND REPLACEMENTS

	<u>Projected - 6/30/13</u>	<u>Current Year</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2016-17</u>	<u>TOTAL</u>
7913-102E-1 6 MG Reservoir Roof Repairs-Engineering	\$30,000	\$25,000	\$30,000					\$30,000
7913-102C-1 6 MG Reservoir Roof Repairs-Construction	\$0	\$50,000	\$150,000					\$150,000
7913-102L-1 6 MG Reservoir Roof Repairs-Labor	\$0	\$1,000	\$10,000					\$10,000
7913-103E-1 6 MG Reservoir - Slope Repair/Asphalt/Curb-Engineering	\$11,800	\$10,000	\$0					\$0
7913-103C-1 6 MG Reservoir - Slope Repair/Asphalt/Curb-Construction (Carryover)	\$48,000	\$50,000	\$0					\$0
7913-103L-1 6 MG Reservoir - Slope Repair/Asphalt/Curb-Labor	\$1,000	\$1,000	\$0					\$0
7913-104E-1 6 MG Reservoir - Landscape/V-Ditch-Engineering	\$0	\$5,000	\$5,000					\$5,000
7913-104C-1 6 MG Reservoir - Landscape/V-Ditch-Construction	\$0	\$20,000	\$30,000					\$30,000
7913-104L-1 6 MG Reservoir - Landscape/V-Ditch-Labor	\$200	\$1,000	\$1,000					\$1,000
7913-105C-1 Slurry seal asphalt around Andres & Newport Reservoirs-Construction	\$0	\$30,000	\$10,000					\$10,000
7913-105L-1 Slurry seal asphalt around Andres & Newport Reservoirs-Labor	\$0	\$1,000	\$1,000					\$1,000
7913-106E-1 Cathodic Protection - Pipelines-Engineering	\$0	\$5,000	\$5,000					\$5,000
7913-106C-1 Cathodic Protection - Pipelines-Construction	\$0	\$15,000	\$20,000					\$20,000
7913-106L-1 Cathodic Protection - Pipelines-Labor	\$0	\$1,000	\$1,000					\$1,000
7913-201C-1 McPherson Office/Yard Improvements-Construction	\$225	\$10,000	\$10,000					\$10,000
7913-201L-1 McPherson Office/Yard Improvements-Labor	\$300	\$1,000	\$3,000					\$3,000
7913-202E-1 11.5 MG Reservoir Cathodic Protection System-Engineering	\$0	\$10,000	\$10,000					\$10,000
7913-202C-1 11.5 MG Reservoir Cathodic Protection System-Construction	\$0	\$25,000	\$25,000					\$25,000
7913-202L-1 11.5 MG Reservoir Cathodic Protection System-Labor	\$125	\$1,000	\$1,000					\$1,000
7913-203C-1 Used vehicle to supplement fleet	\$0	\$15,000	\$15,000					\$15,000
7914-101E-1 New Project - 6 MG Treatment Plant Feasibility Study-Engineering			\$250,000					\$250,000
79414-101E-1 New Project - 6 MG Treatment Plant - Engineering			\$0	\$ 250,000	\$1,000,000			\$ 1,250,000
7914-101C-1 New Project - 6 MG Treatment Plant -Construction			\$0	\$ 2,000,000	\$10,000,000			\$12,000,000
7914-101L-1 New Project - 6 MG Treatment Plant -Labor			\$5,000	\$ 25,000	\$25,000			\$55,000
7914-102E-1 Vulnerability upgrades-Andres Reservoir-Engineering			\$5,000					\$5,000
7914-102C-1 Vulnerability upgrades-Andres Reservoir-Construction			\$9,000					\$9,000
7914-102L-1 Vulnerability upgrades-Andres Reservoir-Labor			\$1,000					\$1,000
7914-103E-1 Valve Replacements (12" - 27")-Engineering			\$5,000					\$5,000
7914-103C-1 Valve Replacements (12" - 27")-Construction			\$12,000	\$60,000	\$50,000	\$75,000		\$197,000
7914-103L-1 Valve Replacements (12" - 27")-Labor			\$6,000					\$6,000
7914-201C-2 Replace backhoe			\$25,000					\$25,000

**EAST ORANGE COUNTY WATER DISTRICT
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MULTI-YEAR CAPITAL PLAN**

CAPITAL PROJECTS AND REPLACEMENTS

7914-xxxE-1 New Project- Engineering - Newport Reservoir Mixing System
 7914-xxxC-1 New Project- Construction - Newport Reservoir Mixing System
 7914-xxxL-1 New Project- Labor - Newport Reservoir Mixing System
 7914-xxxE-1 New Project- Engineering - isolation valves - 11.5 & 1 MG Reservoirs
 7914-xxxC-1 New Project- Construction - Isolation Valves - 11.5 & 1 MG
 7914-xxxL-1 New Project- Labor- Isolation Valves - 11.5 & 1 MG
 7914-xxxE-1 New Project- Engineering - OC 33 Reconnection
 7914-xxxC-1 New Project- Construction- OC33 Reconnection
 7914-xxxL-1 New Project- Labor - OC33 Reconnection
 7915-101E-1 Vulnerability upgrades-OC-70 turnout & pump station-Engineering
 7915-102E-1 Vulnerability upgrades-Peter's Canyon Reservoir-Engineering
 7915-103E-1 Vulnerability upgrades-OC-48 MET turnout-Engineering
 7915-104E-1 Vulnerability upgrades-Fairhaven Transmission Main bridge-Engineering
 7915-104C-1 Vulnerability upgrades-Fairhaven Transmission Main bridge-Construction
 7915-104L-1 Vulnerability upgrades-Fairhaven Transmission Main bridge-Labor
 7916-101E-1 Pipeline Repair/Replacement Reserve-Engineering
 7916-102E-1 UWMP Update-Engineering (WS portion)
 7916-102C-1 UWMP Update-Labor (WS portion)
 7900-100C-1 * Capitalized Accounting Costs

	Projected 6-30-13	Current Year	2013-14	2014-15	2015-16	2016-17	2016-17	TOTAL
			\$5,000					
			\$25,000					
			\$1,000					
			\$5,000					
			\$30,000					
			\$6,000					
				\$10,000				
				\$25,000				
				\$10,000				
								\$0
					\$10,000			\$10,000
					\$5,000			\$5,000
				\$5,000	\$5,000			\$10,000
					\$25,000			\$25,000
					\$5,000			\$5,000
						\$100,000		\$100,000
					\$25,000			\$25,000
					\$5,000			\$5,000
		\$5,000	\$5,000	\$5,000	\$5,000	\$4,000		\$19,000
Total Projected Annual Expenditures	\$294,700	\$588,000	\$899,000	\$2,475,000	\$11,160,000	\$1,079,000	\$0	\$15,496,000
PROJECTED ENDING AVAILABLE RESOURCES	(\$87,700)	\$5,437,657	\$4,618,647	\$4,531,647	\$4,506,647	\$3,582,647	\$3,707,647	
NET REDUCTION IN RESERVE FUND								\$1,638,010

PROJECTED ENDING AVAILABLE RESOURCES

NET REDUCTION IN RESERVE FUND

* FY Current Year Revenue and Expenses not included in Net Revenue or Net Reduction calculations

REVENUE

	<u>PROJECTED BEGINNING CASH AND CASH EQUIVALENTS</u>	
	Fund Reserves	\$5,437,657
<u>4113-0001-1</u>	<u>PROJECTED CONNECTION FEES</u>	
	Fees paid to connect to WZ	\$10,000
<u>Various</u>	<u>INTEREST EARNED ON INVESTED FUNDS</u>	\$15,000
	Includes Interest from Raymond James, LAIF & Treasury Bonds Average yield estimated to be 1.0%	
<u>5327-0002-2</u>	<u>Projected Interest Receivable - AMP Note</u>	\$15,000
<u>5350-0052-2</u>	<u>Transfers from Operating Expenses</u>	
	Excess of revenue over expenses	\$39,990

EXPENDITURES

<u>7912-102C-1</u>	<u>Metal Flashing at Peters Canyon Reservoir-Construction</u>	\$10,000
<u>7912-102L-1</u>	<u>Metal Flashing at Peters Canyon Reservoir-Labor</u>	\$1,000
	Completion of fire "hardening" as recommended by OCFA	
<u>7912-103C-1</u>	<u>Security Gate at 6 MG Site-Const (WZ Portion)(Carryover)</u>	\$8,000
<u>7912-103L-1</u>	<u>Security Gate at 6 MG Site-Labor (WZ Portion)(Carryover)</u>	\$1,000
	Installation of automatic gate and security card reader	
<u>7912-105C-1</u>	<u>Security System at Peters Canyon Reservoir-Construction</u>	\$15,000
<u>7912-105L-1</u>	<u>Security System at Peters Canyon Reservoir-Labor</u>	\$5,000
	WZ Update to 1970s Master Plan	
<u>7912-107E-1</u>	<u>Backup generator at OC70 Pump Station-Engineering</u>	\$0
<u>7912-107C-1</u>	<u>Backup generator at OC70 Pump Station-Const (Carryover)</u>	\$35,000
<u>7912-107L-1</u>	<u>Backup generator at OC70 Pump Station-Labor</u>	\$1,000
	Purchase of generator and wiring/electrical for generator	
<u>7912-108E-1</u>	<u>Electrical modifications for Backup Generator-Engineering</u>	\$0
<u>7912-108C-1</u>	<u>Electrical modifications for Backup Generator-Construction (Carryover)</u>	\$0
<u>7912-108L-1</u>	<u>Electrical modifications for Backup Generator-Labor</u>	\$0
	Installation of harness to facilitate use of backup generator	
<u>7912-109E-1</u>	<u>Metering Improvements for WZ Billing-Engineering</u>	\$0
<u>7912-109C-1</u>	<u>Metering Improvements for WZ Billing-Construction</u>	\$0
<u>7912-109L-1</u>	<u>Metering Improvements for WZ Billing-Labor</u>	\$0
	Equipment purchase and installation of transmitters for AMR	
<u>7912-110E-1</u>	<u>Pipeline Inspections-Engineering (Carryover)</u>	\$25,000
<u>7912-110L-1</u>	<u>Pipeline Inspections-Labor</u>	\$1,000

<u>7912-201E-1</u>	<u>Betterment and Replacement Plan-Engineering (Carryover)</u>	\$75,000
<u>7913-101E-1</u>	<u>Feasibility & Env. Review - Treatment Plant-Engineering</u> Allowance for preliminary investigation into treatment plant feasibility	\$250,000
<u>7913-102E-1</u>	<u>6 MG Reservoir Roof Repairs-Engineering</u>	\$30,000
<u>7913-102C-1</u>	<u>6 MG Reservoir Roof Repairs-Construction</u>	\$150,000
<u>7913-102L-1</u>	<u>6 MG Reservoir Roof Repairs-Labor</u> Repairs to corrosion damage to aluminum roof and interior spalling of concrete	\$10,000
<u>7913-103E-1</u>	<u>6 MG Reservoir - Slope Repair/Asphalt/Curb-Engineering</u>	\$0
<u>7913-103C-1</u>	<u>6 MG Reservoir - Slope Repair/Asphalt/Curb-Construction (Carryover)</u>	\$0
<u>7913-103L-1</u>	<u>6 MG Reservoir - Slope Repair/Asphalt/Curb-Labor</u> Storm Damage repairs (slope rebuilding/asphalt berm construction)	\$0
<u>7913-104E-1</u>	<u>6 MG Reservoir - Landscape/V-Ditch-Engineering</u>	\$5,000
<u>7913-104C-1</u>	<u>6 MG Reservoir - Landscape/V-Ditch-Construction</u>	\$30,000
<u>7913-104L-1</u>	<u>6 MG Reservoir - Landscape/V-Ditch-Labor</u> Installation of V-Ditch at top of north slope to limit slope erosion	\$1,000
<u>7913-105C-1</u>	<u>Slurry seal asphalt around Andres & Newport Reservoirs-Construction</u>	\$10,000
<u>7913-105L-1</u>	<u>Slurry seal asphalt around Andres & Newport Reservoirs-Labor</u> Periodic slurry seal at reservoir sites	\$1,000
<u>7913-106E-1</u>	<u>Cathodic Protection - Pipelines-Engineering</u>	\$5,000
<u>7913-106C-1</u>	<u>Cathodic Protection - Pipelines-Construction</u>	\$20,000
<u>7913-106L-1</u>	<u>Cathodic Protection - Pipelines-Labor</u> Design & installation of cathodic protection system for pipelines	\$1,000
<u>7913-201C-1</u>	<u>McPherson Office/Yard Improvements-Construction</u>	\$10,000
<u>7913-201L-1</u>	<u>McPherson Office/Yard Improvements-Labor</u> Flooring & misc supplies for interior modifications to office & McPherson house & asphalt/slurry work in yard	\$3,000
<u>7913-202E-1</u>	<u>11.5 MG Reservoir Cathodic Protection System-Engineering</u>	\$10,000
<u>7913-202C-1</u>	<u>11.5 MG Reservoir Cathodic Protection System-Construction</u>	\$25,000
<u>7913-202L-1</u>	<u>11.5 MG Reservoir Cathodic Protection System-Labor</u> Design & installation of cathodic protection system for Andres Reservoir	\$1,000
<u>7913-203C-1</u>	<u>Used vehicle to supplement fleet</u> WZ portion of used electric or gas assist small SUV	\$15,000
<u>7914-101E-1</u>	<u>6 MG Treatment Plant Demolition-Engineering</u>	\$250,000
<u>7914-101C-1</u>	<u>6 MG Treatment Plant Demolition-Construction</u>	\$0
<u>7914-101L-1</u>	<u>6 MG Treatment Plant Demolition -Labor</u>	\$5,000
<u>7914-102E-1</u>	<u>Vulnerability upgrades-Andres Reservoir-Engineering</u>	\$5,000
<u>7914-102C-1</u>	<u>Vulnerability upgrades-Andres Reservoir-Construction</u>	\$9,000
<u>7914-102L-1</u>	<u>Vulnerability upgrades-Andres Reservoir-Labor</u>	\$1,000
<u>7914-103E-1</u>	<u>Valve Replacements (12" - 27")-Engineering</u>	\$5,000
<u>7914-103C-1</u>	<u>Valve Replacements (12" - 27")-Construction</u>	\$12,000

<u>7914-103L-1</u>	<u>Valve Replacements (12" - 27")-Labor</u>	\$6,000
<u>7914-201C-2</u>	<u>Replace backhoe</u>	\$25,000
<u>7914-xxxE-1</u>	<u>New Project- Engineering - Newport Reservoir Mixing System</u>	\$5,000
<u>7914-xxxC-1</u>	<u>New Project- Construction - Newport Reservoir Mixing System</u>	\$25,000
<u>7914-xxxL-1</u>	<u>New Project- Labor - Newport Reservoir Mixing System</u>	\$1,000
<u>7914-xxxE-1</u>	<u>New Project- Engineering - isolation valves - 11.5 & 1 MG Reservoirs</u>	\$5,000
<u>7914-xxxC-1</u>	<u>New Project- Construction - Isolation Valves - 11.5 & 1 MG</u>	\$30,000
<u>7914-xxxL-1</u>	<u>New Project- Labor- Isolation Valves - 11.5 & 1 MG</u>	\$6,000
<u>7914-xxxE-1</u>	<u>New Project- Engineering - OC 33 Reconnection</u>	\$10,000
<u>7914-xxxC-1</u>	<u>New Project- Construction- OC33 Reconnection</u>	\$25,000
<u>7914-xxxL-1</u>	<u>New Project- Labor - OC33 Reconnection</u>	\$10,000
<u>7915-101E-1</u>	<u>Vulnerability upgrades-OC-70 turnout & pump station-Engineering</u>	\$0
<u>7915-101C-1</u>	<u>Vulnerability upgrades-OC-70 turnout & pump station-Construction</u>	\$0
<u>7915-101L-1</u>	<u>Vulnerability upgrades-OC-70 turnout & pump station -Labor</u>	\$0
<u>7915-101E-1</u>	<u>Vulnerability upgrades-OC-70 turnout & pump station-Engineering</u>	\$0
<u>7915-101C-1</u>	<u>Vulnerability upgrades-OC-70 turnout & pump station-Construction</u>	\$0
<u>7915-101L-1</u>	<u>Vulnerability upgrades-OC-70 turnout & pump station -Labor</u>	\$0
<u>7915-102E-1</u>	<u>Vulnerability upgrades-Peter's Canyon Reservoir-Engineering</u>	\$0
<u>7915-102C-1</u>	<u>Vulnerability upgrades-Peter's Canyon Reservoir-Construction</u>	\$0
<u>7915-102L-1</u>	<u>Vulnerability upgrades-Peter's Canyon Reservoir-Labor</u>	\$0
<u>7915-103E-1</u>	<u>Vulnerability upgrades-OC-48 MET turnout-Engineering</u>	\$0
<u>7915-103C-1</u>	<u>Vulnerability upgrades-OC-48 MET turnout-Construction</u>	\$0
<u>7915-103L-1</u>	<u>Vulnerability upgrades-OC-48 MET turnout-Labor</u>	\$0
<u>7915-104E-1</u>	<u>Vulnerability upgrades-Fairhaven Transmission Main bridge-Engineering</u>	\$0
<u>7915-104C-1</u>	<u>Vulnerability upgrades-Fairhaven Transmission Main bridge-Construction</u>	\$0
<u>7915-104L-1</u>	<u>Vulnerability upgrades-Fairhaven Transmission Main bridge-Labor</u>	\$0
<u>7916-101E-1</u>	<u>Pipeline Repair/Replacement Reserve-Engineering</u>	\$0
<u>7916-101C-1</u>	<u>Pipeline Repair/Replacement Reserve-Construction</u>	\$0
<u>7916-101L-1</u>	<u>Pipeline Repair/Replacement Reserve-Labor</u>	\$0
<u>7916-102E-1</u>	<u>UWMP Update-Engineering (WS portion)</u>	\$0
<u>7916-102C-1</u>	<u>UWMP Update-Labor (WS portion)</u>	\$0
<u>7900-100C-1</u>	<u>* Capitalized Accounting Costs</u>	\$5,000