

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

**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
4993-0953-1	Transfers from Operating Expenses
4991-0010-1	Reimbursement for Storm Damage Repairs
4991-0011-1	Reimbursement for Security Upgrades

Subtotal Projected Annual Revenue

Projected Annual Resources

**TOTAL ANTICIPATED NET REVENUE 2012-2016**

	<u>Current Year</u>	<u>2012-2013</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>TOTAL</u>
	\$5,365,000	\$5,760,657	\$5,377,657	\$5,576,657	\$5,689,657	\$5,874,657	
	\$25,000	\$20,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000
	\$50,000	\$10,000	\$50,000	\$50,000	\$50,000	\$50,000	\$210,000
	\$18,000	\$10,000	\$15,000	\$13,000	\$10,000	\$5,000	\$53,000
	\$200,000	\$135,000	\$200,000	\$200,000	\$200,000	\$200,000	\$935,000
	\$30,000	\$20,000					\$50,000
	\$60,000	\$60,000					\$120,000
	\$383,000	\$255,000	\$270,000	\$268,000	\$265,000	\$260,000	
	\$5,748,000	\$6,015,657	\$5,647,657	\$5,844,657	\$5,954,657	\$6,134,657	
							<b>\$1,408,000</b>
	<u>Current Year</u>	<u>2012-2013</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>TOTAL</u>
7912-202E-1	\$25,000				\$25,000		\$25,000
7912-202C-1							\$0
7912-202L-1							\$0
7912-102C-1		\$10,000					\$10,000
7912-102L-1		\$1,000					\$1,000
7912-103C-1	\$5,500	\$8,000					\$8,000
7912-103L-1		\$1,000					\$1,000
7912-201E-1	\$75,000	\$75,000					\$75,000
7912-105C-1	\$60,000	\$20,000					\$20,000
7912-105L-1		\$1,000					\$1,000
7912-108E-1		\$15,000					\$15,000
7912-108C-1	\$15,000	\$15,000					\$15,000
7912-108L-1		\$1,000					\$1,000
7912-107E-1		\$15,000					\$15,000
7912-107C-1	\$100,000	\$85,000					\$85,000
7912-107L-1		\$1,000					\$1,000
7912-109E-1		\$1,000					\$1,000
7912-109C-1	\$50,000	\$30,000					\$30,000
7912-109L-1		\$1,000					\$1,000
7912-110E-1	\$30,000	\$25,000					\$25,000
7912-110L-1		\$1,000					\$1,000
7913-101E-1		\$50,000					\$50,000
7913-102E-1		\$25,000					\$25,000
7913-102C-1		\$50,000					\$50,000
7913-102L-1		\$1,000					\$1,000

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

**CAPITAL PROJECTS AND REPLACEMENTS**

7913-103E-1	6 MG Reservoir - Slope Repair/Asphalt/Curb-Engineering								
7913-103C-1	6 MG Reservoir - Slope Repair/Asphalt/Curb-Construction (Carryover)	\$60,000							
7913-103L-1	6 MG Reservoir - Slope Repair/Asphalt/Curb-Labor								
7913-104E-1	6 MG Reservoir - Landscape/V-Ditch-Engineering								
7913-104C-1	6 MG Reservoir - Landscape/V-Ditch-Construction								
7913-104L-1	6 MG Reservoir - Landscape/V-Ditch-Labor								
7913-105C-1	Slurry seal asphalt around Andres & Newport Reservoirs-Construction								
7913-105L-1	Slurry seal asphalt around Andres & Newport Reservoirs-Labor								
7913-201C-1	McPherson Office/Yard Improvements-Construction								
7913-201L-1	McPherson Office/Yard Improvements-Labor								
7913-202E-1	11.5 MG Reservoir Cathodic Protection System-Engineering								
7913-202C-1	11.5 MG Reservoir Cathodic Protection System-Construction								
7913-202L-1	11.5 MG Reservoir Cathodic Protection System-Labor								
7913-106E-1	Cathodic Protection - Pipelines-Engineering								
7913-106C-1	Cathodic Protection - Pipelines-Construction								
7913-106L-1	Cathodic Protection - Pipelines-Labor								
7913-203C-1	Used vehicle to supplement fleet								
7914-101C-2	Replace backhoe								
7914-101E-1	6 MG Treatment Plant Demolition-Engineering								
7914-101C-1	6 MG Treatment Plant Demolition-Construction								
7914-101L-1	6 MG Treatment Plant Demolition -Labor								
7916-101E-1	Pipeline Repair/Replacement Reserve-Engineering								
7916-101C-1	Pipeline Repair/Replacement Reserve-Construction								
7914-102C-1	Vulnerability upgrades-Andres Reservoir-Construction								
7914-103C-1	Valve Replacements (12" - 27")-Construction								
7915-101C-1	Vulnerability upgrades-OC-70 turnout & pump station-Construction								
7915-102C-1	Vulnerability upgrades-Peter's Canyon Reservoir-Construction								
7915-103C-1	Vulnerability upgrades-OC-48 MET turnout-Construction								
7915-104E-1	Vulnerability upgrades-Fairhaven Transmission Main bridge-Engineering								
7900-100C-1	* Capitalized Accounting Costs	\$1,000							

Total Projected Annual Expenditures

<u>Current Year</u>	<u>2012-2013</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>TOTAL</u>
	\$10,000					\$10,000
\$60,000	\$50,000					\$50,000
	\$1,000					\$1,000
	\$5,000					\$5,000
	\$20,000					\$20,000
	\$1,000					\$1,000
	\$30,000					\$30,000
	\$1,000					\$1,000
	\$10,000					\$10,000
	\$1,000					\$1,000
	\$10,000					\$10,000
	\$25,000					\$25,000
	\$1,000					\$1,000
	\$5,000					\$5,000
	\$15,000					\$15,000
	\$1,000					\$1,000
	\$15,000					\$15,000
		\$20,000				\$20,000
		\$5,000				\$5,000
		\$25,000				\$25,000
		\$1,000				\$1,000
					\$100,000	\$100,000
					\$900,000	\$900,000
		\$9,000				\$9,000
		\$6,000	\$60,000	\$50,000	\$75,000	\$191,000
			\$12,000			\$12,000
			\$70,000			\$70,000
			\$3,000			\$3,000
			\$5,000			\$5,000
\$1,000	\$5,000	\$5,000	\$5,000	\$5,000	\$4,000	\$24,000
\$421,500	\$638,000	\$71,000	\$155,000	\$80,000	\$1,079,000	\$1,750,000
<b>\$5,326,500</b>	<b>\$5,377,657</b>	<b>\$5,576,657</b>	<b>\$5,689,657</b>	<b>\$5,874,657</b>	<b>\$5,055,657</b>	
						<b>\$342,000</b>

**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**

**PROJECTED BEGINNING CASH AND CASH EQUIVALENTS**

Fund Reserves \$5,760,657

**4113-0001-1 PROJECTED CONNECTION FEES**

Fees paid to connect to WZ \$20,000

**Various INTEREST EARNED ON INVESTED FUNDS**

Includes Interest from Raymond James, LAIF & Treasury Bonds  
Average yield estimated to be 1.0% \$10,000

**5327-0002-2 Projected Interest Receivable - AMP Note**

\$10,000

**5350-0052-2 Transfers from Operating Expenses**

\$135,000

**5350-0051-2 Reimbursement for Storm Damage Repairs**

\$20,000

**5350-0052-1 Reimbursement for Security Upgrades**

\$60,000

**EXPENDITURES**

**7912-102C-1 Metal Flashing at Peters Canyon Reservoir-Construction**

\$10,000

**7912-102L-1 Metal Flashing at Peters Canyon Reservoir-Labor**

\$1,000

Completion of fire "hardening" as recommended by OCFA

**7912-103C-1 Security Gate at 6 MG Site-Const (WZ Portion)(Carryover)**

\$8,000

**7912-103L-1 Security Gate at 6 MG Site-Labor (WZ Portion)(Carryover)**

\$1,000

Installation of automatic gate and security card reader

**7912-201E-1 Betterment and Replacement Plan-Engineering (Carryover)**

\$75,000

**7912-105C-1 Security System at Peters Canyon Reservoir-Construction**

\$20,000

**7912-105L-1 Security System at Peters Canyon Reservoir-Labor**

\$1,000

WZ Update to 1970s Master Plan

**7912-108E-1 Electrical modifications for Backup Generator-Engineering**

\$15,000

**7912-108C-1 Electrical modifications for Backup Generator-Construction (Carryover)**

\$15,000

**7912-108L-1 Electrical modifications for Backup Generator-Labor**

\$1,000

Installation of harness to facilitate use of backup generator

<b><u>7912-107E-1 Backup generator at OC70 Pump Station-Engineering</u></b>	<b>\$15,000</b>
<b><u>7912-107C-1 Backup generator at OC70 Pump Station-Const (Carryover)</u></b>	<b>\$85,000</b>
<b><u>7912-107L-1 Backup generator at OC70 Pump Station-Labor</u></b>	<b>\$1,000</b>
Purchase of generator and wiring/electrical for generator	
<b><u>7912-109E-1 Metering Improvements for WZ Billing-Engineering</u></b>	<b>\$1,000</b>
<b><u>7912-109C-1 Metering Improvements for WZ Billing-Construction</u></b>	<b>\$30,000</b>
<b><u>7912-109L-1 Metering Improvements for WZ Billing-Labor</u></b>	<b>\$1,000</b>
Equipment purchase and installation of transmitters for AMR	
<b><u>7912-110E-1 Pipeline Inspections-Engineering (Carryover)</u></b>	<b>\$25,000</b>
<b><u>7912-110L-1 Pipeline Inspections-Labor</u></b>	<b>\$1,000</b>
Leak detection survey	
<b><u>7913-101E-1 Feasibility &amp; Env. Review - Treatment Plant-Engineering</u></b>	<b>\$50,000</b>
Allowance for preliminary investigation into treatment plant feasibility	
<b><u>7913-102E-1 6 MG Reservoir Roof Repairs-Engineering</u></b>	<b>\$25,000</b>
<b><u>7913-102C-1 6 MG Reservoir Roof Repairs-Construction</u></b>	<b>\$50,000</b>
<b><u>7913-102L-1 6 MG Reservoir Roof Repairs-Labor</u></b>	<b>\$1,000</b>
Repairs to corrosion damage to aluminum roof and interior spalling of concrete	
<b><u>7913-103E-1 6 MG Reservoir - Slope Repair/Asphalt/Curb-Engineering</u></b>	<b>\$10,000</b>
<b><u>7913-103C-1 6 MG Reservoir - Slope Repair/Asphalt/Curb-Construction (Carryover)</u></b>	<b>\$50,000</b>
<b><u>7913-103L-1 6 MG Reservoir - Slope Repair/Asphalt/Curb-Labor</u></b>	<b>\$1,000</b>
Storm Damage repairs (slope rebuilding/asphalt berm construction)	
<b><u>7913-104E-1 6 MG Reservoir - Landscape/V-Ditch-Engineering</u></b>	<b>\$5,000</b>
<b><u>7913-104C-1 6 MG Reservoir - Landscape/V-Ditch-Construction</u></b>	<b>\$20,000</b>
<b><u>7913-104L-1 6 MG Reservoir - Landscape/V-Ditch-Labor</u></b>	<b>\$1,000</b>
Installation of V-Ditch at top of north slope to limit slope erosion	
<b><u>7913-105C-1 Slurry seal asphalt around Andres &amp; Newport Reservoirs-Construction</u></b>	<b>\$30,000</b>
<b><u>7913-105L-1 Slurry seal asphalt around Andres &amp; Newport Reservoirs-Labor</u></b>	<b>\$1,000</b>
Periodic slurry seal at reservoir sites	
<b><u>7913-201C-1 McPherson Office/Yard Improvements-Construction</u></b>	<b>\$10,000</b>
<b><u>7913-201L-1 McPherson Office/Yard Improvements-Labor</u></b>	<b>\$1,000</b>
Flooring & misc supplies for interior modifications to office & McPherson house & asphalt/slurry work in yard	
<b><u>7913-202E-1 11.5 MG Reservoir Cathodic Protection System-Engineering</u></b>	<b>\$10,000</b>
<b><u>7913-202C-1 11.5 MG Reservoir Cathodic Protection System-Construction</u></b>	<b>\$25,000</b>
<b><u>7913-202L-1 11.5 MG Reservoir Cathodic Protection System-Labor</u></b>	<b>\$1,000</b>
Design & installation of cathodic protection system for Andres Reservoir	

**7913-106E-1** **Cathodic Protection - Pipelines-Engineering**  
**7913-106C-1** **Cathodic Protection - Pipelines-Construction**  
**7913-106L-1** **Cathodic Protection - Pipelines-Labor**  
Design & installation of cathodic protection system for pipelines

\$5,000
\$15,000
\$1,000

**7913-203C-1** **Used vehicle to supplement fleet**  
WZ portion of used electric or gas assist small SUV

\$15,000
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**7900-100C-1** **\* Capitalized Accounting Costs**

\$5,000
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