Welcome.

TERRY LEEDS, DIRECTOR OF WATER SERVICES
Agenda

• About Kansas City Water Services
• FY 2014 Highlights
• Water Services’ 5 Year Capital Improvements Program
• FY 2015 Program Highlights
• FY 2015 Design & Construction Projects
  • Water
  • Wastewater
  • Stormwater
ABOUT

Kansas City Water Services
Kansas City Water Services

Water

Wastewater

Stormwater
FY 2014 Highlights
$175 M Investment, 85+ Projects

- First & Second Creek Sewer Expansion Project
- Brookside Sewer Improvements Project
- Holmes Road Water Main Replacement Project
- Small Main Replacement Program
- Blue River Disinfection Improvements Project
Utility Projects: FY 2014

**Emergency Power Generation Phase II**
- $3,200,000 | March 4, 2014 | Water Pump Station

**Concrete Rehabilitation Phase V**
*Flat Work and Intake*
- $2,000,000 | March 11, 2014 | Water Treatment

**Water Treatment Plant**
*West Header and Valves at Secondary*
- $2,200,000 | March 25, 2014 | Water Treatment
Utility Projects: FY 2014

City Wide Curb Stop Replacement
- $3,000,000 | March 2014 | Water Distribution

City Wide Service Line Kill Contract
- $1,000,000 | March 2014 | Water Distribution

City Wide Air Release Valve Replacement
- $600,000 | March 2014 | Water Distribution
Utility Projects: FY 2014

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost</th>
<th>Start Date</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harlem Sewer Force Main Rehabilitation</td>
<td>$1,200,000</td>
<td>March 2014</td>
<td>Wastewater Collection</td>
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<tr>
<td>Green Infrastructure Pilot Project</td>
<td>$400,000</td>
<td>March 2014</td>
<td>DPS/ Wastewater OCP</td>
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<tr>
<td>East Bottoms Pump Station Rehab Phase II</td>
<td>$2,400,000</td>
<td>April 2014</td>
<td>Water Pump Station</td>
</tr>
</tbody>
</table>
Capital Improvements Program
FY 2015 - 2019
Water Services’ Capital Improvements Program

A customer-focused plan for KC’s largest infrastructure investment.

• $1 billion investment over 5 years
• Over 18,000 direct and indirect jobs created
• Projects designed to:
  • Improve water quality
  • Protect public health
  • Increase system reliability
  • Meet regulatory requirements
  • Promote development
  • Building infrastructure for Kansas City’s future
OCP University

Educational Program for MBE, WBE & SLBE Firms:

• Business development & technical assistance
• Expands local skills and capabilities in-line with project needs
• Prepares minority firms to become prime consultants
## 5 Year Water CIP: Numbers by Project Type

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Number of Projects</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment</td>
<td>7</td>
<td>3.1%</td>
</tr>
<tr>
<td>Pump Station</td>
<td>7</td>
<td>3.1%</td>
</tr>
<tr>
<td>Transmission</td>
<td>6</td>
<td>2.6%</td>
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<tr>
<td>Distribution</td>
<td>207</td>
<td>90.8%</td>
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<tr>
<td>Storage</td>
<td>1</td>
<td>.4%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>228</strong></td>
<td><strong>100%</strong></td>
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## 5 Year Water CIP: Amounts by Project Type

<table>
<thead>
<tr>
<th>Project Type</th>
<th>FY 15</th>
<th>FY 16</th>
<th>FY 17</th>
<th>FY 18</th>
<th>FY 19</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$15,000,000</td>
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<tr>
<td>Pump Station</td>
<td>$10,600,000</td>
<td>$6,750,000</td>
<td>$10,300,000</td>
<td>$9,800,000</td>
<td>$11,000,000</td>
<td>$51,450,000</td>
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<td>Transmission</td>
<td>$6,365,000</td>
<td>$12,520,000</td>
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<td>$2,500,000</td>
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<td>$21,385,000</td>
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<td>Distribution</td>
<td>$54,900,000</td>
<td>$48,330,000</td>
<td>$56,700,000</td>
<td>$54,700,000</td>
<td>$56,000,000</td>
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<tr>
<td>Storage</td>
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<td></td>
<td></td>
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<tr>
<td>TOTAL</td>
<td>$77,865,000</td>
<td>$70,600,000</td>
<td>$70,000,000</td>
<td>$70,000,000</td>
<td>$70,000,000</td>
<td>$358,465,000</td>
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## 5 Year Maintenance Program: Water

<table>
<thead>
<tr>
<th></th>
<th>FY15</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
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<tr>
<td>Valve Exercising</td>
<td>$1,200,000</td>
<td>$1,300,000</td>
<td>$600,000</td>
<td>$600,000</td>
<td>$600,000</td>
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<td>Supplemental Workforce</td>
<td>$2,500,000</td>
<td>$2,500,000</td>
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<td>$2,500,000</td>
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<tr>
<td>Air Release Valves</td>
<td>$300,000</td>
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<td></td>
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<td>Curb Stops</td>
<td>$1,000,000</td>
<td>$500,000</td>
<td></td>
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<tr>
<td>Service Line Kill</td>
<td>$500,000</td>
<td>$100,000</td>
<td></td>
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<tr>
<td>Hydrant Repair</td>
<td>$800,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
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<tr>
<td>Valve Replacement</td>
<td>$2,000,000</td>
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<td>$2,000,000</td>
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<td>$2,000,000</td>
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<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>$8,300,000</strong></td>
<td><strong>$7,600,000</strong></td>
<td><strong>$6,100,000</strong></td>
<td><strong>$6,100,000</strong></td>
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</table>
5 Year Wastewater CIP: 
*Numbers by Project Type*

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Number of Projects</th>
<th>% of Total</th>
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<tbody>
<tr>
<td>Treatment</td>
<td>37</td>
<td>18%</td>
</tr>
<tr>
<td>Pump Station</td>
<td>4</td>
<td>2%</td>
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<tr>
<td>Collection Systems</td>
<td>40</td>
<td>19%</td>
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<tr>
<td>OCP</td>
<td>128</td>
<td>61%</td>
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<tr>
<td>TOTAL</td>
<td>209</td>
<td>100%</td>
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</table>
## 5 Year Wastewater CIP: Amounts by Project Type

<table>
<thead>
<tr>
<th>Project Type</th>
<th>FY 15</th>
<th>FY 16</th>
<th>FY 17</th>
<th>FY 18</th>
<th>FY 19</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>WW Treatment</td>
<td>$10,500,000</td>
<td>$16,335,000</td>
<td>$27,215,000</td>
<td>$23,000,000</td>
<td>$77,050,000</td>
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<tr>
<td>Pump Stations</td>
<td>$2,500,000</td>
<td>$5,000,000</td>
<td>$7,750,000</td>
<td></td>
<td></td>
<td>$15,250,000</td>
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<tr>
<td>Collection System</td>
<td>$17,560,000</td>
<td>$23,360,000</td>
<td>$15,060,000</td>
<td>$15,060,000</td>
<td>$15,060,000</td>
<td>$86,100,000</td>
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<td>OCP</td>
<td>$44,550,000</td>
<td>$175,465,000</td>
<td>$135,135,000</td>
<td>$113,100,000</td>
<td>$120,100,000</td>
<td>$588,350,000</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>$75,110,000</td>
<td>$220,160,000</td>
<td>$185,160,000</td>
<td>$151,160,000</td>
<td>$135,160,000</td>
<td>$766,750,000</td>
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## 5 Year Maintenance Program: Wastewater

<table>
<thead>
<tr>
<th></th>
<th>FY15</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private Line Repair</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
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<tr>
<td>Supplemental Workforce</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
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<tr>
<td>CCTV</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
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<tr>
<td>Line Cleaning</td>
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<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
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<tr>
<td>Fly-Over</td>
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<td>$60,000</td>
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<td>$60,000</td>
<td>$60,000</td>
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<tr>
<td>CIPP</td>
<td>$4,500,000</td>
<td>$7,000,000</td>
<td>7,000,000</td>
<td>$7,000,000</td>
<td>$7,000,000</td>
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<tr>
<td>Main Repair</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
<td>$3,000,000</td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>$15,560,000</strong></td>
<td><strong>$18,060,000</strong></td>
<td><strong>$18,060,000</strong></td>
<td><strong>$18,060,000</strong></td>
<td><strong>$18,060,000</strong></td>
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</tbody>
</table>
FY 15 Year Stormwater CIP: *Numbers by Project Type*

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Number of Projects</th>
<th>% of Total</th>
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</thead>
<tbody>
<tr>
<td>Stormwater</td>
<td>7</td>
<td>47%</td>
</tr>
<tr>
<td>Waterways</td>
<td>8</td>
<td>53%</td>
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<tr>
<td>Total</td>
<td>15</td>
<td>100%</td>
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</tbody>
</table>
## 5 Year Maintenance Program: Stormwater

<table>
<thead>
<tr>
<th></th>
<th>FY15</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Levee &amp; Channel Maintenance</td>
<td>$790,000</td>
<td>$790,000</td>
<td>$790,000</td>
<td>$790,000</td>
<td>$790,000</td>
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<tr>
<td>Storm Monitoring System</td>
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<td>$236,500</td>
<td>$236,500</td>
<td>$236,500</td>
<td>$236,500</td>
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<tr>
<td>MS4 Monitoring &amp; Support</td>
<td>$256,000</td>
<td>$256,000</td>
<td>$256,000</td>
<td>$256,000</td>
<td>$256,000</td>
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<tr>
<td>Catch Basin Replacement</td>
<td>$500,000</td>
<td>$500,000</td>
<td>$500,000</td>
<td>$500,000</td>
<td>$500,000</td>
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<tr>
<td><strong>TOTAL:</strong></td>
<td>$1,782,500</td>
<td>$1,782,500</td>
<td>$1,782,500</td>
<td>$1,782,500</td>
<td>$1,782,500</td>
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CAPITAL IMPROVEMENTS PROGRAM

FY 2015 Program Highlights
Water Main Replacement Program

**Investing in the Future of Kansas City’s Water Infrastructure**

- Strategic & data driven
- Proactive approach
- Fewer service interruptions for customers
- Strategically replaces 1% of system annually
- 100 Year Plan, $30M investment/year
Sewer Rehabilitation Program

Strategic & Data-Driven

$7M Investment, 100 Years

Improves Service Reliability

2/18/2014 25
Kansas City’s Overflow Control Program

$4.5-$5.0 billion Investment

25 Year Plan, Largest program in KC’s history

First Federal Consent Decree to include green infrastructure solutions

City-wide approach to address sewer overflows

Improving Water Quality

Additional Operating & Maintenance Costs
$72 million per year by 2035
Kansas City's Overflow Control Plan

Programmatic Elements

Improved Water Quality

Consent Decree

Overflow Control Program
Program Implementation

- Year 4 of 25 year timeline
- First 10 years focus on reducing the problem and improving service
- Most early projects ramping up in planning and design phases
- First green infrastructure pilot complete
- 15 projects in pre-design for consultant selection
FISCAL YEAR 2015

Water Infrastructure Design & Construction Projects
Water Infrastructure: FY 15 Design

Vivion Road 36” Transmission Main

- $1,600,000 | June 2014 | Transmission
Water Main Replacement Program

18 Design; 18 Construction Projects

Programmatic MBE/WBE/SLBE Goals

Programmatic DPS Selection Process

- 1 RFP/Q for 13 projects
- 1 RFP/Q for 5 SLBE-WSDEPS projects
- City-wide selection committee
- Proposal only, no interview
- All DPS Selections made at once
Water Infrastructure: FY 15 Design

**Water Main Replacement**
*Woodland to Kensington, 63rd St. to 72nd Terr.*
- $450,000 | June 2014 | Distribution

**Water Main Replacement**
*Walnut to Bennington, St. John to 17th St.*
- $420,000 | June 2014 | Distribution

**Water Main Replacement**
*Stateline to Holmes, 86th Terr. To 132nd Terr.*
- $300,000 | June 2014 | Distribution
Water Infrastructure: FY 15 Design

- **Water Main Replacement**
  - *Oakley to Marsh’* 20th St. to 34th St.
  - $280,000 | June 2014 | Distribution

- **Water Main Replacement**
  - *Stateline to Harrison, 44th St. To 75th St.*
  - $280,000 | June 2014 | Distribution

- **Water Main Replacement**
  - *Stateline to Holmes, 75th St. to 85th St.*
  - $275,000 | June 2014 | Distribution
Water Infrastructure: FY 15 Design

**Water Main Replacement**
*NW Waukomis to N Troost, 40th St. to 83rd St.*
- $260,000 | June 2014 | Distribution

**Water Main Replacement**
*N Walrond to N Brighton, NE Russell Rd. to 53rd Terr.*
- $250,000 | June 2014 | Distribution

**Water Main Replacement**
*N Troost to N Kansas, NE Russell Rd to NE Englewood*
- $210,000 | June 2014 | Distribution
## Water Infrastructure: FY 15 Design

<table>
<thead>
<tr>
<th>Water Main Replacement</th>
<th>N Hardey to N Tullis, 50th St. to 62nd St.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$180,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water Main Replacement</th>
<th>N Richards to N Brighton, 1st St. to 37th St.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$180,000</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Water Main Replacement</th>
<th>Lydia to Walrond, 77th Terr. to 85th St.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$165,000</td>
</tr>
</tbody>
</table>
Water Infrastructure: FY 15 Design

**Water Main Replacement**
*Holmes to College, 85th St. to 139th St.*

- $160,000 | June 2014 | Distribution

**Water Main Replacement**
*Holmes to Lydia, 79th St. to 85th St.*

- $150,000 | June 2014 | Distribution

**Water Main Replacement**
*Elmwood to Blue Ridge Cutoff, 47th St. to 57th St.*

- $135,000 | June 2014 | Distribution
Water Main Replacement
*Drury to Elm, 80th Terr. to 120th Terr.*
- $130,000 | June 2014 | Distribution

Water Main Replacement
*Blue Ridge Cutoff to Norfleet, 38th Terr. to 75th St.*
- $115,000 | June 2014 | Distribution

Water Main Replacement
*Askew to Hardesty, 36th St. to 46th St.*
- $110,000 | June 2014 | Distribution
Water Main Replacement
*Hickman Mills to Bristol, 109th St. to 113th St.*
- $1,750,000 | May 2014 | Distribution

Water Main Replacement
*Stateline to Virginia, 99th St. to 112th St.*
- $1,630,000 | May 2014 | Distribution

Water Main Replacement
*St. Andrews to Holmes, 124th St. to 135th St.*
- $1,590,000 | May 2014 | Distribution
Water Infrastructure: FY 15 Construction

**Water Main Replacement**
*Manchester to Ashland Ridge, 29th St. to 40 Hwy*
- $1,340,000 | May 2014 | Distribution

**Water Main Replacement**
*Oakley to Meadowbrook, 50th St. to 56th St.*
- $930,000 | May 2014 | Distribution

**Water Main Replacement**
*Eastern to Sycamore, 43rd St. to 51st St.*
- $860,000 | May 2014 | Distribution
Water Infrastructure: FY 15 Construction

Water Main Replacement
*Eastern to Lee's Summit, 70th St. to Bannister*
- $2,360,000 | June 2014 | Distribution

Water Main Replacement
*Stateline to Kenwood, 75th St. to 89th St.*
- $2,250,000 | June 2014 | Distribution

Water Main Replacement
*Donnelly to Raytown, Ruskin to Highgrove*
- $1,580,000 | June 2014 | Distribution
Water Main Replacement
Jackson to Hardesty, 32nd St. to 45th St.
• $2,220,000 | July 2014 | Distribution

Water Main Replacement
Cambridge to Elm, 51st St. to 74th St.
• $1,530,000 | July 2014 | Distribution

Water Main Replacement
Jackson to Grandview, 104th St. to Martha Truman
• $670,000 | July 2014 | Distribution
Water Infrastructure: FY 15 Construction

**Water Main Replacement**  
*McGee to Chestnut, 65th St. to 89th St.*  
- $4,020,000 | August 2014 | Distribution

**Water Main Replacement**  
*Oak to Mersington Ave, 39th Ter to NE Englewood Rd*  
- $3,850,000 | August 2014 | Distribution

**Water Main Replacement**  
*Jackson to N Brighton Ave., NE 42nd St. to Vivion*  
- $1,610,000 | August 2014 | Distribution
Water Infrastructure: FY 15 Construction

**Water Main Replacement**

*Roanoke to Troost, Missouri River to 51st St.*

- $810,000 | August 2014 | Distribution

**Water Main Replacement**

*Stateline to Rockhill, 64th Terr. to Romany*

- $690,000 | August 2014 | Distribution

**Water Main Replacement**

*Indiana to Cindy, 53rd St. to Meyer*

- $690,000 | August 2014 | Distribution
Water Infrastructure: FY 15 Construction

Arrowhead Phase III
North Oak to Englewood

• $8,765,000 | September 2014 | Transmission
Water Infrastructure: FY 15 Construction

Shoal Creek Parkway Pump Station & Reservoir

- $5,500,000 | April 2015 | Pump Station
FISCAL YEAR 2015

Wastewater Infrastructure Design & Construction Projects
Inflow/Infiltration Reduction

PRIVATE I/I Reduction Plan in Development

PUBLIC I/I Reduction Plan Underway

Infiltration sources

Inflow sources
I/I Reduction Project Locations

- 9 Basins
- Consent decree removal requirements: 29% to 45%
- Private I/I accounts for nearly 50% of removal
- Public and private I/I performed in parallel
<table>
<thead>
<tr>
<th>I/I Reduction:</th>
<th>Project</th>
<th>Cost</th>
<th>Date</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td><strong>Blue River South Basin - Project Area 4</strong></td>
<td></td>
<td>$2,248,789</td>
<td>January 2014</td>
<td>OCP</td>
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<tr>
<td><strong>Blue River Central Basin - Project Area 1</strong></td>
<td></td>
<td>$1,050,000</td>
<td>January 2014</td>
<td>OCP</td>
</tr>
<tr>
<td><strong>Blue River Central Basin - Project Area 2</strong></td>
<td></td>
<td>$1,050,000</td>
<td>January 2014</td>
<td>OCP</td>
</tr>
</tbody>
</table>
Wastewater Infrastructure: FY 15 Design

**I/I Reduction:**
*Line Creek/Rock Creek Basin - Project Area 2*

- $1,390,455 | January 2014 | OCP

**I/I Reduction:**
*Blue River North Basin*

- $841,601 | January 2014 | OCP
### Wastewater Infrastructure: FY 15 Design

<table>
<thead>
<tr>
<th>Sewer Separation: Diversion Structure 006</th>
</tr>
</thead>
<tbody>
<tr>
<td>• $746,291</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>I/I Reduction: Blue River South Basin - Project Area 5</th>
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</thead>
<tbody>
<tr>
<td>• $722,064</td>
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</table>

<table>
<thead>
<tr>
<th>I/I Reduction: Blue River South Basin - Project Area 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>• $666,281</td>
</tr>
</tbody>
</table>
Wastewater Infrastructure: FY 15 Design

Buckeye Pump Station Improvements
• $1,600,000 | February 2014 | Pump Station

Sewer Pipe Consolidation: Outfall 063
• $873,970 | February 2014 | OCP

High Efficiency Aeration - Westside
• $400,000 | February 2014 | Treatment
Wastewater Infrastructure: FY 15 Design

High Efficiency Aeration - Birmingham
- $400,000 | February 2014 | Treatment

Platte Woods Pump Station Rehab
- $300,000 | February 2014 | Pump Station
Wastewater Infrastructure: FY 15 Design

**Neighborhood Sewer Rehabilitation**

*Brush Creek - Project Area 1*

- $2,805,000 | March 2014 | OCP

**Neighborhood Sewer Rehabilitation: Brush Creek - Project Area 2**

- $2,805,000 | March 2014 | OCP
Wastewater Infrastructure: FY 15 Design

- **Sewer Separation Outfall 067**
  - $3,607,375 | April 2014 | OCP

- **Gooseneck Arch Sewer Inline Gate & Pump Station**
  - $1,476,398 | April 2014 | OCP

- **Sewer Separation: Diversion Structure 099**
  - $636,596 | May 2014 | OCP
Wastewater Infrastructure: FY 15 Construction

**Swope Campus Parking Lot & Sustainable Stormwater Improvement Project**
- $3,100,000 | February 25, 2014 | Facilities

**Blue River WWTP Clarifier Work**
- $3,800,000 | March 2014 | Treatment
Wastewater Infrastructure: FY 15 Construction

Sludge Holding Lagoons Birmingham

• $1,500,000 | April 2014 | Treatment
Wastewater Infrastructure: FY 15 Construction

- **City Wide Sewer Rehabilitation**
  - $4,500,000 | May 2014 | Collection

- **Weatherby Lake Sewer Rehabilitation**
  - $2,000,000 | June 2014 | Collection

- **Manhole Rehabilitation Citywide**
  - $3,000,000 | August 2014 | Collection
Wastewater Infrastructure: FY 15 Construction

Birmingham Pump Station Improvements

- $900,000 | January 2015 | Pump Station
FISCAL YEAR 2015

Stormwater Infrastructure Projects
Stormwater: FY 15 Construction

**Blue River Trail**  
*Brush Creek to Stadium Drive*

- $1,500,000 | May 2014 | Waterways

**Blue River Trail**  
*Swope Park to Brush Creek*

- $1,200,000 | May 2014 | Waterways

**Storm Drainage Improvements**  
*6400 NE 52\(^{nd}\)*

- $100,000 | June 2014 | Stormwater
Stormwater: FY 15 Construction

**Loma Vista & Eastern Culverts & Channel**
*Eastern to Sante Fe*
- $800,000 | August 2014 | Stormwater

**57th & Norfleet Storm Drainage Phase II**
- $657,000 | August 2014 | Stormwater

**Stormwater Detention Improvements**
*NE Cookingham Drive – Lakeside Drainage*
- $373,246 | October 2014 | Stormwater

**Dean Lane Bank Stabilization Phase II**
- $165,000 | October 2014 | Stormwater
Stormwater: FY 15 Construction

40th & Monroe Phase II Improvements
• $205,000 | January 2015 | Stormwater

Gardner West Detention Basin
• $576,314 | February 2015 | Stormwater
U.S. Army Corps of Engineers

Turkey Creek Restored Channel Phase III
- $8,500,000 | March 2014 | Construction

Blue River Channel
*Maintenance Access & Channel Repair*
- $3,500,000 | June 2014 | Construction

Upper Blue River Industrial
*Utility Relocations & Levee Work*
- $2,000,000 | July 2014 | Construction

To Learn More Visit: www.fbo.gov
U.S. Army Corps of Engineers

Turkey Creek MO River Interceptors
- $13,000,000 | September 2014 | Construction

East Bottoms Levee Unity Improvements
- $3,500,000 | September 2014 | Construction

Swope Park Industrial
- $2,000,000 | Corps Contract | Design

To Learn More Visit: www.fbo.gov
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