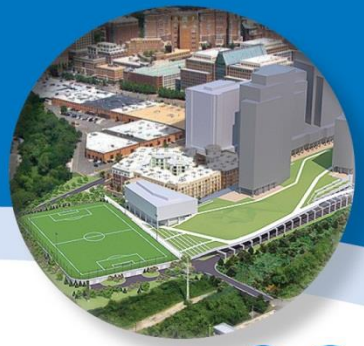
Proposed Educational Exhibit at the Four Mile Run Pump Station

Janelle Okorie
Director, Engineering Programs



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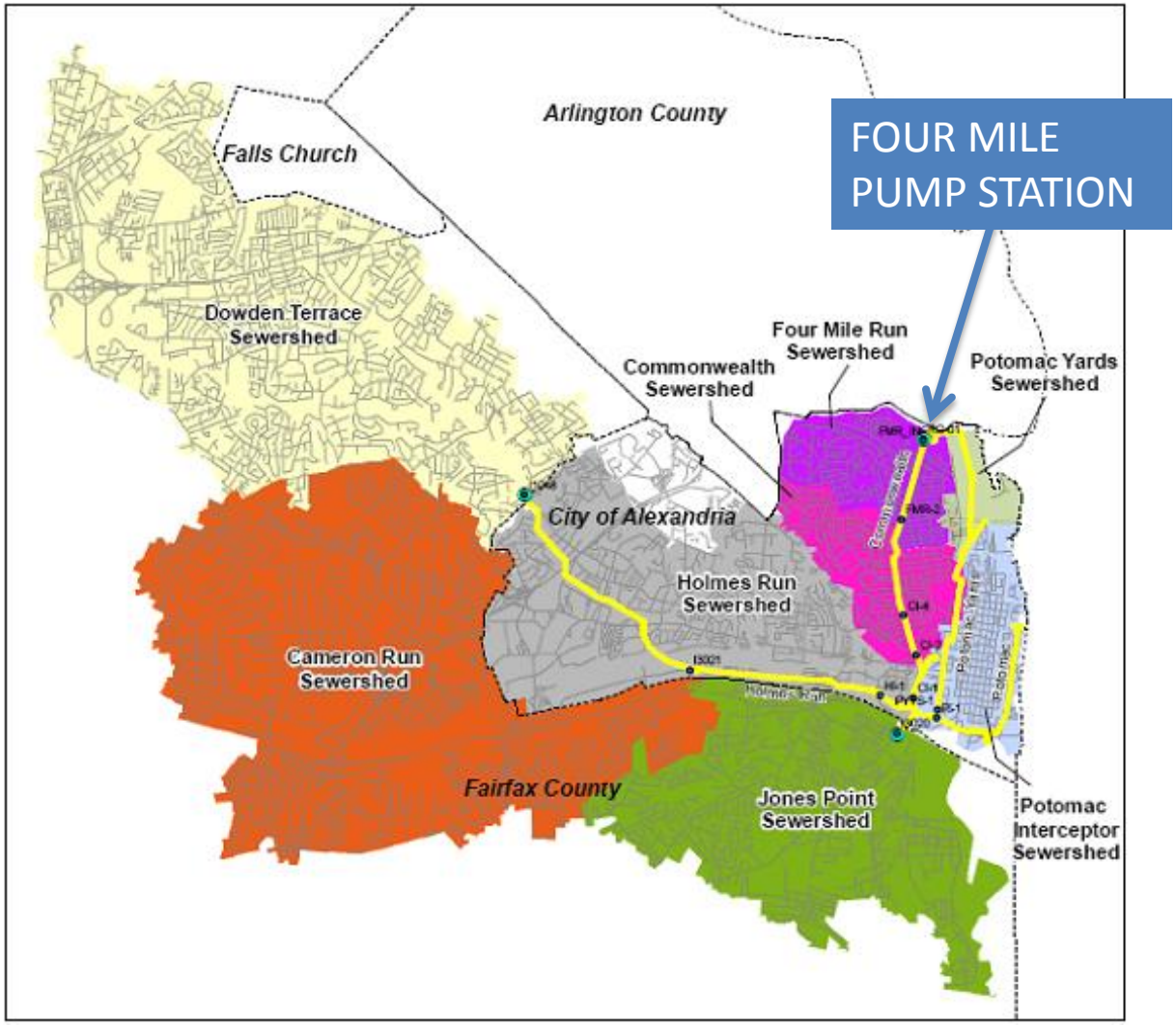
Joint Meeting
Four Mile Run Restoration Joint Task Force
Arlandria Action Plan Advisory Group
23 April 2014

Alexandria Renew Enterprises



We are one of the most advanced water reclamation facilities in the United States.

We clean approximately 13.2 billion gallons of dirty water each year for 320,000 people in the City of Alexandria and part of Fairfax County.

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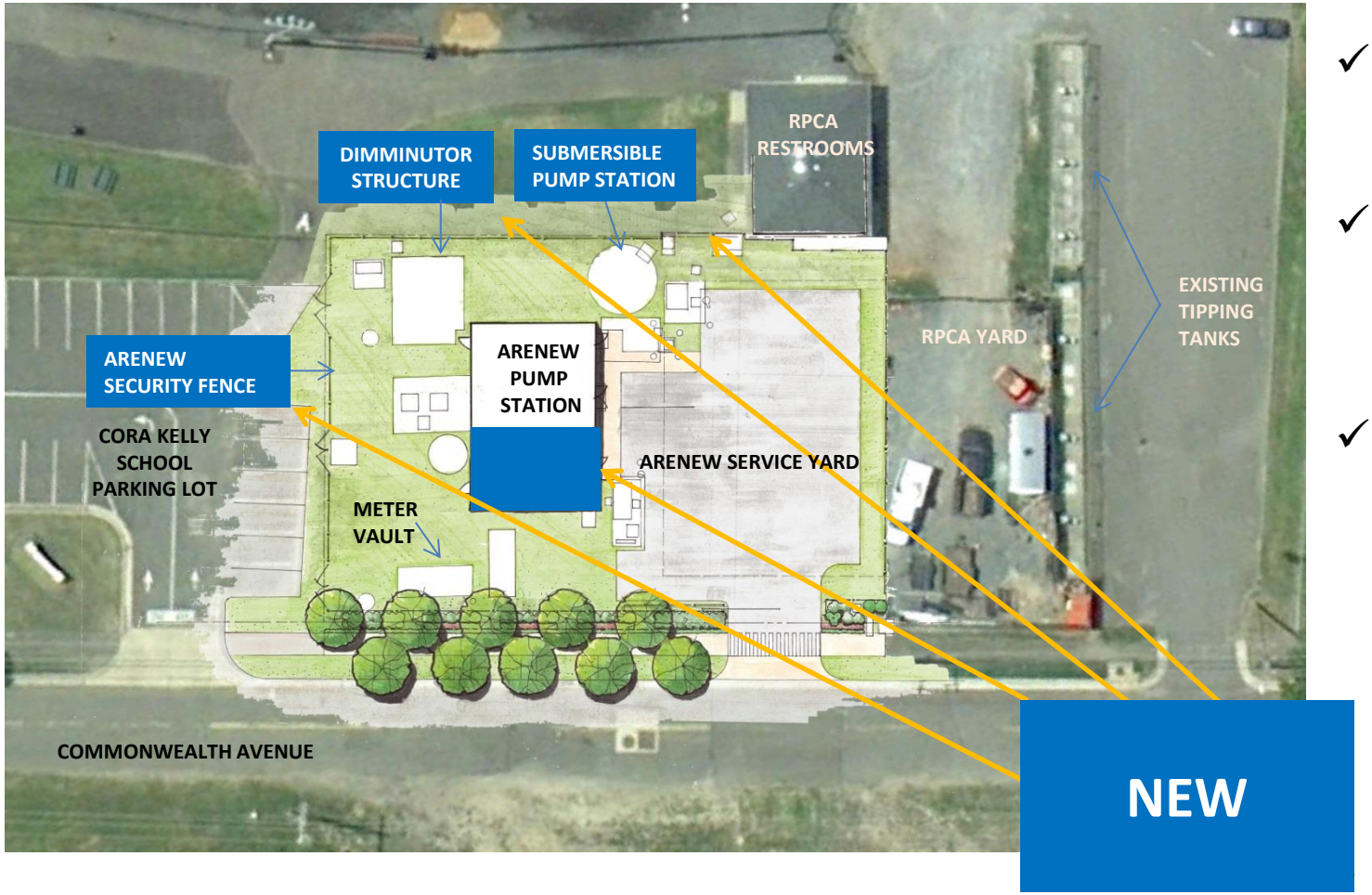
FORMERLY ALEXANDRIA SANITATION AUTHORITY

Four Mile Run Pump Station Upgrade



- ✓ Existing pump station built in early 1950s
- ✓ Electrical and code upgrades require reconstruction of building
- ✓ Improvements need to be completed quickly to prevent sewer overflows

Response to Community Feedback

- March 2013 – Community Briefing at Cora Kelly
- May 2013 – Briefing for Four Mile Run Restoration Task Force

Request from the Community	Response	Status
Incorporate Arlington WPCP's fence into AlexRenew's design	Fence specifications incorporated into AlexRenew's construction bid package	✓
Meet with Arlington County Cultural Affairs regarding Public Art Installation at the Arlington WPCP	Meeting held in August 2013	✓
Develop a concept for an educational exhibit	Engaged Design Minds, a firm specializing in exhibit design, in June 2013. Work completed: • Research and inspiration • Theme and content outline • Conceptual Design	✓
Provide community with an update on progress	Meetings : • City of Alexandria – Complete • Joint Meeting – This Evening • Alexandria City Public Schools	**Ongoing**

Educational Exhibit – Inspiration

Reader Rails and Signage

Sculptural Elements

Hands-On Interactives

Super Graphics

Themes and Content

Theme #1: Who We Are

This topic will help the visitors learn more about Alexandria Renew Enterprises.

Theme #2: How do Pump Stations work?

These elements will focus on how the features and operations of a Pump Station fit into the overall wastewater treatment process.

Theme #3: What You Can Do

These elements will help visitors understand their roles in helping AlexRenew clean dirty water and protect the environment.

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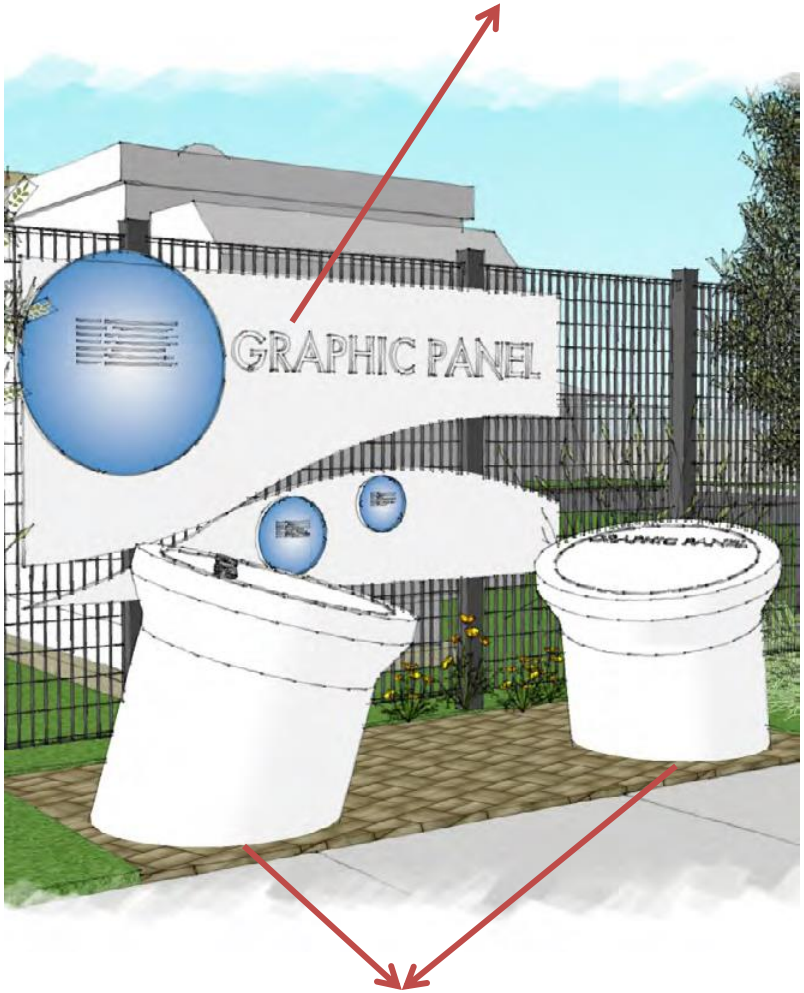
Advances in wastewater collection and treatment

Cross-sections of various pipe diameters used by AlexRenew

What is a Pump Station?



Information on pump station operations

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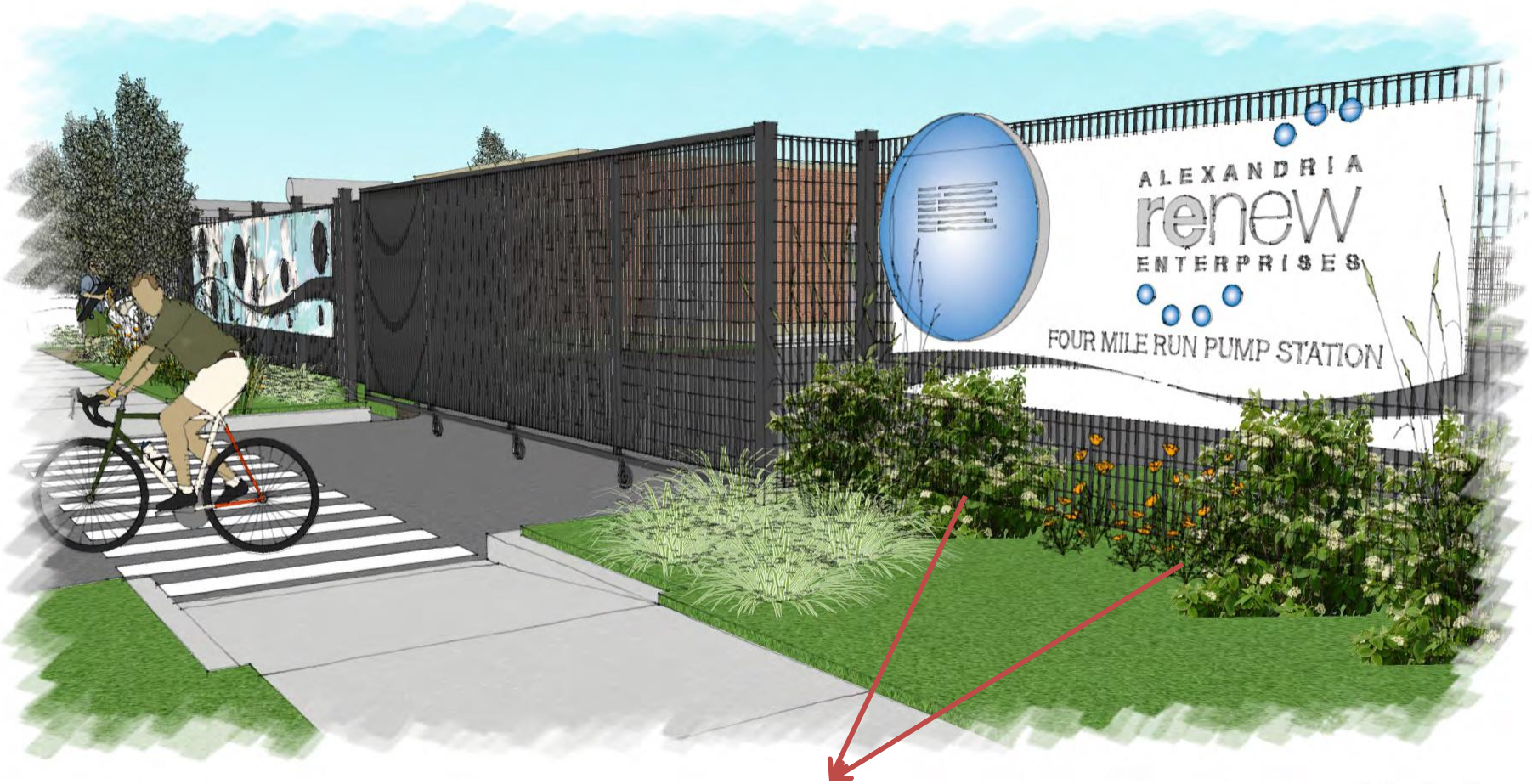
Conceptual Design

Note: This is a conceptual design proposal. One or more aspects may be modified due to site constraints and/or budget availability.



Bayscaping principles will be used to select native, water efficient landscape

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We will keep you informed

WEB: www.alexrenew.com

FACEBOOK: Alexandria Renew Enterprises

TWITTER: #AlexRenewCEO

Questions and Comments?

Contact us at **ceo@alexrenew.com**

THANK YOU!

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