Proposed Educational Exhibit at the Four Mile Run Pump Station

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Director, Engineering Programs

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

<table>
<thead>
<tr>
<th>Request from the Community</th>
<th>Response</th>
<th>Status</th>
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<tbody>
<tr>
<td>Incorporate Arlington WPCP’s fence into AlexRenew’s design</td>
<td>Fence specifications incorporated into AlexRenew’s construction bid package</td>
<td>✔</td>
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<tr>
<td>Meet with Arlington County Cultural Affairs regarding Public Art Installation at the Arlington WPCP</td>
<td>Meeting held in August 2013</td>
<td>✔</td>
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| 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.
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
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
Conceptual Design

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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!