

James River Water Project Neighborhood Meeting



September 10, 2015

Presented by: Timmons Group on behalf of Louisa County Water Authority & James River Water Authority





TIMMONS GROUP



Welcome

- Thank you for coming
- Neighborhood Meeting as part of the Special Use Permit Process for Fluvanna
- Follow-up to April 7, 2015 Meeting
- Long-term partnership between Fluvanna & Louisa
- Open and transparent process













Proposed Agenda

- 1. Welcome & Introductions
- 2. What's happened since April 7, 2015 Public Meeting
- 3. Overview of proposed project
 - a) Proposed Pipeline Routing
 - b) SUP Process
 - c) Easement Acquisitions
- 4. Timeline / Construction Schedule
- 5. Other information
- 6. Questions / Answers











Logistics to date....

- Raw Water Line Route Finalized
- Utilized as much of CVEC & other easements as possible
- LCWA mailed Agency Agreements to each property owner that will be crossed with the pipeline
- Coordination for co-locating within ROW and utility easements (Dominion, CVEC & Colonial)
- Due Diligence is complete
 - Topo, environmental and subsurface investigations.











Tonight's meeting

- > Final pipeline routings at different stations
- > Applicant to answer questions at stations
- Feel free to ask any questions tonight or follow-up with the appropriate contacts











Next steps – After tonight...

- Fluvanna County Planning Commission Meeting- SUP Public Hearing 9/23/2015
- Fluvanna County Board of Supervisors Meeting SUP Public Hearing - 10/21/2015
- Prepare and present offer packages for easement acquisition to the property owners
- Close easement acquisitions
- Begin Construction











Project Drivers

- Economic Development
- Remove reliance on wells & groundwater sources
- Drought reliability (2002 drought)
- Long-term water source for Fluvanna & Louisa per the County & DEQ approved Water Supply Plans





Project Overview

James River Water System is to provide reliable water source for Fluvanna and Louisa Counties

JRWA – Shared System

Intake, Pump Station & pipeline to Rte 6

Louisa Project – Proposed System

- Pipeline to Ferncliff paralleling Colonial Pipeline & CVEC Easement
- Water Treatment Plant at Ferncliff
- Waterline to Zion Crossroads







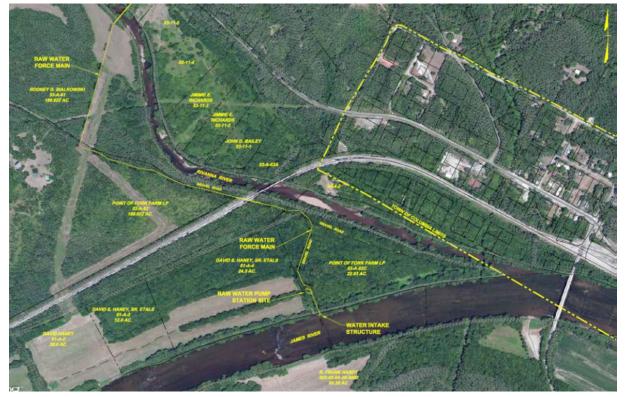




Project Overview – Phase 1 JRWA

Phase 1: JRWA – Shared System

- Intake just upstream from Rivanna River
- Pump Station
- Pipeline to Rte 6









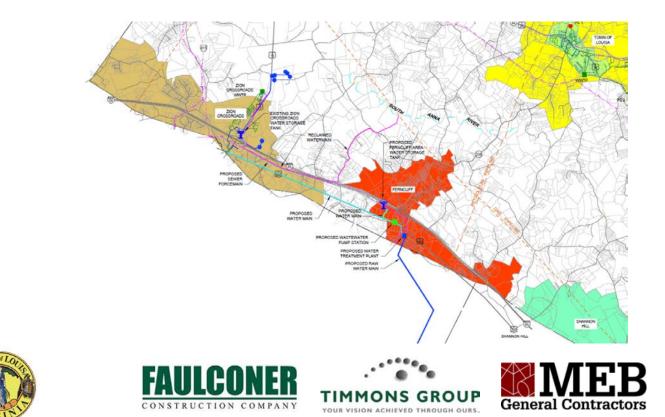




Project Overview – Phase 2 Louisa County

Phase 2: Louisa – Proposed System in Fluvanna County

Pipeline up to Ferncliff adjacent to Colonial Pipeline and CVEC





Proposed Pipeline Routing

- Raw Water pipeline along Colonial Pipeline Easement AND along or within CVEC Easement
- 20' permanent easement & 10' construction easement
- Buried pipe with 3.5 ft. of cover over pipe











Easement Acquisitions & Process

<u>Objectives</u>

- 1. Be a good neighbor / partner
- 2. Utilize existing easements where possible
- 3. Construct adjacent to existing easements where possible
- 4. Use existing easements for construction access
- 5. Minimize crossing of the Colonial Gas Pipeline
- 6. *Fairly compensate* property owners for easements











Timeline / Construction Schedule (Proposed)

- > November 2015: Sign Comprehensive Agreement & Start Final Design
- > Winter 2015 or 2016: Begin Construction
- Fall/Winter 2017: Substantial completion & System Start-up
- > Approximately 24 to 30 months for project completion

ID	Task Name		Duration	Start	Finish		Gtr 2, 2008	Gtr 3, 2008 Jul Aug Sep	Otr 4, 2008
1				_		INAL 2	der innervision	T SULTADO I SED	COTINOVICE
2	Rolls-Royce - 60 Acre Site Dev	elopment	160 d	ays Wed 4/16/01	Tue 11/25/08		_		
3	Rolls-Royce "Commencement Notice"		0.0	ays Wed 4/16/08	Wed 4/16/08		416		•
4	Meeting w/ RR Re: Site Dev	elopment Issues (5/1/08)	0 0	ays Thu 5/1/0	5 Thu 5/1/08		5/1		
5	Meeting w/ County Staff Re	60 acre site (5/8/08)	0 0	ays Thu 5/8/0	5 Thu 5/6/08		5/8		
6	TG - Revised Schematics to	RR per Tom Loehr Request (by 5/13/08)	0 0	ays Tue 5/13/0	5 Tue 5/13/08		5/13		
7	RR - Approve final layout (by Fri 5/16/08)			ays Tue 5/13/0	5 Thu 5/15/08		h +		
8	TG - Develop Timber Plan			wks Fri 5/16/0	5 Fri 5/23/08		1 T		
9	RR - Road Connectivity for	Sites	0 0	ays Mon 6/2/0	8 Mon 6/2/08			2	
10	PG - County Approval - Tim	ber Plan (Land Use Permit)	4	wks Mon 6/2/0	B Fri 6/27/08		1	4	
11	Timber Plan Approved		0.0	ays Fri 6/27/0	Fri 6/27/08			6/27	
12	Site Timbering by Contracto	6	wks Mon 6/30/0	5 Fri 8/8/08			÷		
13	TG - Erosion & Sediment C	12	wks Wed 4/16/0	5 Tue 7/8/08		+	2		
14	PG - County Approval - E&S Control Plan		4	wks Wed 7/9/0	5 Tue 6/5/08		-	Ť.	
15	E&S Control Plan Approved			ays Tue 8/5/0	5 Tue 8/5/08			8/5	
16	Installation - Erosion & Sediment Control (Contractor)			wks Wed 8/6/0	5 Tue 9/2/08			1	
17	TG - Preliminary Grading Pl	12	wks Wed 4/16/08	3 Tue 7/8/08		+	L		
18	PG - County Approval - Prelim Grading Plan			wks Wed 7/9/0	Tue 8/5/08			T it n	
19	Preliminary Grading Plan Approved			ays Tue 8/5/08	3 Tue 8/5/08			8/5	
20	TG - Site Plan/Construction	Documents	16	wks Wed 4/16/08	3 Tue 8/5/08		+		
21	PG - County Approval - Site	Plan/Construction Docs	4	wks Wed 8/6/08	3 Tue 9/2/08				
22	Site Plan/Construction Docu	ments Approved	0.0	ays Tue 9/2/0	3 Tue 9/2/08			s	2
23	installation - Bidg Pad Com	conent Mfgr Facility (Estimated for Contracto	r) 12	wks Wed 9/3/0	5 Tue 11/25/08			1	_
24	Installation - Building Pad E	LISK (Estimated for Contractor)	12	wks Wed 9/3/0	5 Tue 11/25/08			*	-
25	Installation - Building Pad RB282 w/ Test Bed (Estimated for Contractor)			wks Wed 9/3/0	5 Tue 11/25/08			-	
25	Estimated Completion for B	aliding Pads (Dependent upon Contactors)	0 0	ays Tue 11/25/0	3 Tue 11/25/08				4 1
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Project	t: PG IDA - RR 60 acre Site Dev	Task	Miestone	<u>-</u>	External Task				
Date: Fri 5/9/08		Split	Summary		External Miles		r		
		Progress	Project Summary		Deadline	र	5		











Questions & Answers













Thanks for your time !

Contact Information

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