



AGENDA

TOWN/COUNTY LIAISON COMMITTEE MEETING

Warren County Government Center

September 15, 2011
6:00 P. M.



- A. Call to Order – Archie Fox, Board of Supervisors Chairman

- B. Regional Jail Rain Cistern – Steve Burke/Doug Stanley

- C. McKay Property Update – Doug Stanley/Steve Burke

- D. Catlett Mountain Landfill Update

- E. Route 340/522 Corridor Committee Update

- F. EDA Funding Formula Update

- G. Town GIS Data Update

- H. Tourism, Bus, Library Funding, etc. – Steve Burke

- I. Animal Control – Bears – Steve Burke

- J. Adjournment

B

Patton Harris Rust & Associates
Engineers. Surveyors. Planners. Landscape Architects.

Memorandum

PHR+A 117 East Piccadilly Street
Winchester, Virginia 22601
T 540.667.2139
F 540.665.0493

To: Steve Burke

Organization/Company: Town of Front Royal

From: Ron Mislowsky, PE

Date: August 25, 2011

Project Name/Subject: RSW Regional Jail Rainwater Reuse

PHR+A Project file Number:

cc: Doug Stanley, Carrie Henaghan

At the County-Town Liaison Committee meeting held on 21 July, the issue of sewer discharge of reused rainwater to the Town sewer from the RSW Regional Jail was discussed. The Regional Jail design anticipates capturing rainwater for the building roof and storing that in a below ground cistern for use in the cooling systems and the laundry. It was requested that the Town accept this sewage though the water supply was not purchased from the Town. The Town personnel indicated they agreed this was a good idea and they supported our effort to reduce domestic water use, but asked the County to check with other jurisdictions and DEQ to see if anyone had regulations regarding this circumstance.

We have had discussions with Keith Fowler and Brandon Kiracofe at DEQ. Basically, DEQ's position is that if it is wastewater they have no regulations that would prevent its discharge to the sewer system. They do not differentiate based on the source of the water. DEQ also provided direction from the State DGS (which is attached) encouraging state agencies to incorporate LEED type designs of which the rainwater reuse is one. Brandon's e-mail had been provided previously, but is attached here as well.

We have also contacted two jurisdictions which accept reuse rainwater.

T.C. Williams High School uses a cistern to capture rainwater and reuse that for grey water systems within the school. The school discharges the resulting waste to the City of Alexandria's sewer system. Emily Baker, City Engineer, indicated they classify this discharge as wastewater and have no special restrictions on its source. Emily can be reached at 703-838-4327.

The Western Regional Jail outside Roanoke uses a cistern similar to what is proposed at RSW Regional Jail. I spoke to Janice Robertson with the Western Virginia Water Authority which receives and treats the resulting waste from the jail laundry. Like Alexandria, they view this as wastewater and accept it for treatment without special regulations. Janice indicated they have had no problems with the system or discharge. Janice can be reached at 540-853-1517.

Finally, we did receive information from Henrico County where they indicate they also have a school which uses a cistern system and the waste is metered and discharged to the sewer system. That e-mail is attached. Arthur Petrini, the Director of Public Utilities, can be reached at 804-501-4280.

I trust this information provides the Town the necessary background they need to approve the laundry waste discharge to the Town sewer system. If something else is needed or you have questions, please let me know.

DEB NOTICE 01232006 – LEED

Effective 1/23/06

(Minor wording change in second paragraph of this existing CPSM section)

901.5 LEADERSHIP in ENERGY & ENVIROMENTAL DESIGN (LEED)

The U. S. Green Building Council (USGBC), a group of persons and other entities in the building industry promoting buildings that are environmentally responsible, profitable, and healthy places to live and work, has developed the LEED Green Building Rating System for evaluating sustainable concepts incorporated in the building and site developments.

The Department of General Services, Division of Engineering and Buildings encourages State Agencies and their A/E Designers to recognize and incorporate the Energy, Environmental, and Sustainability concepts listed in the LEED Green Building Rating System that are reasonable and feasible into the development and procurement of their projects.

The Department of General Services, Division of Engineering and Buildings, encourages that LEED sustainable development concepts and principles be considered in the planning, programming, design, construction, operation and maintenance, sustainment, restoration, and modernization of all Capital Projects to the extent such concepts are feasible, reasonable and consistent with its mission, program, functionality, project budget, the Uniform Statewide Building Code, the DEB Building Standards in the CPSM, the Governor's Executive Orders and policies, and the intent of the Virginia Public Procurement Act (§2,2-4300 et seq, Code of Virginia, as revised).

The USGBC LEED Green Building Rating System (<http://www.leadbuilding.org>) may be useful as a tool in identifying sustainable development principles and evaluating sustainability achieved thru the planning, design and construction process.

LEED Certification is an expense over and above the normal first cost of the project development. Agencies and Designers are encouraged to incorporate LEED energy, environmental and sustainability concepts into its projects. Pursuing the actual LEED Certification of the project and all associated expenses are left to the discretion of the Agency.

Henrico County 7-27-11

From: Doug Stanley [dstanley@warrencountyva.net]
Sent: Wednesday, July 27, 2011 8:43 AM
To: Mislowsky, Ronald
Subject: FW: Inquiry response: Cistern water discharged to sewer system

Douglas P. Stanley, AICP
County Administrator
220 North Commerce Avenue, Suite 100
Front Royal, Virginia 22630
(540) 636-4600
(540) 636-6066 Fax

THIS MESSAGE IS INTENDED SOLELY FOR THE INDIVIDUAL(S) NAMED IN THE HEADER. THIS MESSAGE MAY CONTAIN MATERIAL THAT IS PRIVILEGED OR CONFIDENTIAL. IF YOU ARE NOT ONE OF THE INTENDED RECIPIENTS, PLEASE DO NOT READ, COPY, USE, OR DISCLOSE THIS MESSAGE TO OTHERS; PLEASE NOTIFY THE SENDER BY REPLYING TO THIS MESSAGE; AND THEN PLEASE DELETE THIS MESSAGE FROM YOUR SYSTEM. THANK YOU.

-----Original Message-----

From: Tedd Povar [mailto:tep3e@virginia.edu]
Sent: Wednesday, July 27, 2011 8:06 AM
To: Doug Stanley
Subject: Inquiry response: Cistern water discharged to sewer system

From Henrico County

We are just becoming aware of this practice. At least one new Henrico County public school is using cistern water to augment the plumbing feed lines for urinals. We had the school install a water meter with an automated meter reading set-up (radio transmission) so we can obtain the water readings as we do all other customers. We will use the reading and add it to their regular sewer usage bill to capture the entire sewer flow into our system. We will be developing a County-wide procedure to insure we have knowledge and approval of any other future similar cistern use. We know of at least two residential houses that are using cisterns for similar purposes.

Art

Arthur D. Petrini, P.E. (great resource - TEP)
Director of Public Utilities
Henrico County, Virginia
Office: 804-501-4280 Cell: 804-349-2245
Fax: 804-501-7395
www.co.henrico.va.us/utility

Tedd
VA loG

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To: dstanley@warrencountyva.net
From: tep3e@virginia.edu

Message Score: 50
My Spam Blocking Level: Medium

High (60): Pass
Medium (75): Pass
Low (90): Pass

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This message was delivered because the content filter score did not exceed your filter level.

DEQ 7.26.11

----- Forwarded Message

From: "Kiracofe, Brandon (DEQ)" <Brandon.Kiracofe@deq.virginia.gov>
Date: Tue, 26 Jul 2011 10:04:32 -0400
To: Earl Sutherland <ESutherland@pennoni.com>
Cc: "Fowler, Keith (DEQ)" <Keith.Fowler@deq.virginia.gov>
Subject: RE: RSW Regional Jail Complex - Status of Laundry Wastewater Discharged from Facility

Mr. Sutherland,

DEQ encourages innovative ideas such as that proposed by PHR+A that will reduce potable water use and reduce the potential discharge of pollutants to state waters. Once the collected rainwater is used in the laundry facility it would be considered process wastewater and would not be considered a form of infiltration/inflow. The Town should evaluate their collection system and wastewater treatment facility to ensure that there is capacity to adequately convey and treat the proposed additional wastewaters to be generated. Please let me know if you have any further questions.

Sincerely,
Brandon Kiracofe

Brandon D. Kiracofe
Water Permits Manager
DEQ - Valley Regional Office
P.O. Box 3000
Harrisonburg, VA 22801
(540) 574-7892
(540) 574-7878 (fax)
brandon.kiracofe@deq.virginia.gov <<mailto:brandon.kiracofe@deq.virginia.gov>>

-----Original Message-----

From: Sutherland, Earl [<mailto:ESutherland@Pennoni.com>]
Sent: Monday, July 25, 2011 4:13 PM
To: Fowler, Keith (DEQ)
Cc: Mislowsky, Ronald
Subject: RSW Regional Jail Complex - Status of Laundry Wastewater Discharged from Facility

Keith

PHR+A is working on site planning and providing other civil engineering planning and design support for the proposed RSW Regional Jail Project in Warren County north of Front Royal. In an attempt to raise the LEED "green" rating of the project it is planned to capture and reuse rainwater collected from the roofs of the buildings in the complex. The captured rainwater will be stored on site for use in the prison laundry facility. After use as laundry water it is proposed to discharge the laundry waste to the Town of Front Royal sewerage system for final treatment and disposal.

Doing so will reduce runoff from the prison site, reduce the potential transport of non point pollutants to the Shenandoah River, reduce the consumption of potable water from the Town of Front Royal water system, and result in reduced withdrawals of water from the Shenandoah by the Town for public water supply purposes.

At a recent meeting Town officials questioned whether the DEQ would permit the discharge of harvested rainwater to the Front Royal sewerage system suggesting that the DEQ might regard the laundry wastewater as a form of infiltration/inflow.

Your thoughts and commentary on this matter would be greatly appreciated.

Earl R. Sutherland, PE

Patton Harris Rust & Associates
A Pennoni Company
117 East Piccadilly Street
Winchester, VA 22601-5002
Office 540-667-2139
Fax 540-665-0493
<http://www.phra.com> earl.sutherland@phra.com

----- End of Forwarded Message

C ✓



COUNTY OF WARREN

County Administrator's Office
Warren County Government Center
220 North Commerce Avenue, Suite 100
Front Royal, Virginia 22630
Phone: (540) 636-4600
FAX: (540) 636-6066
Email: dstanley@warrencountyva.net

Douglas P. Stanley
County Administrator

April 26, 2011

BOARD OF SUPERVISORS

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Archie A. Fox
Fork
District

VICE-CHAIRMAN
Glenn L. White
North River
District

Tony F. Carter
Happy Creek
District

Linda P. Glavis
South River
District

Richard H. Traczyk
Shenandoah
District

Mr. Steve Burke, Interim Town Manager
Town of Front Royal
P.O. Box 1560
Front Royal, Virginia 22630

RE: *McKay Property*

Dear Steve:

I have updated the outline for the process of rezoning and marketing the McKay Property along with the responsibilities for completing the tasks. This is an update of the January 11, 2007 outline.

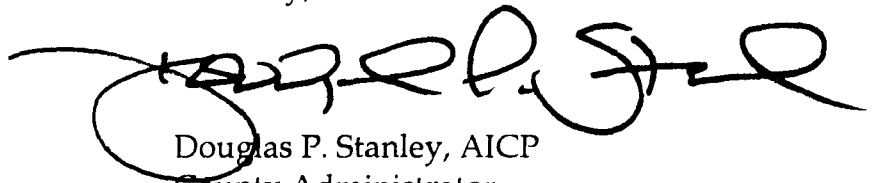
Please review the list with your staff and let me know if you concur. I have also put some flexible target dates to keep us on task.

Task #	Task	Responsible Party	Target Completion Date
1	Preparation of Plat to vacate right-of-way, to identify ownership of parcels, to identify area for retention of Spring and water package plant and area to be dedicated to VDOT	Steve Burke/Doug Stanley/Surveyor	November 1, 2007 - COMPLETED -
2	Vacation of Right-of-way	Board of Supervisors	Hearing on December 18, 2007 - COMPLETED -
3	Convey to Town portions for Spring and package water plant	Board of Supervisors and Town Council	Plat and Draft Deed prepared Waiting for County and Town to Schedule Hearings

4	Convey right-of-way to VDOT	Town Council	- COMPLETED -
5	Comprehensive Plan Amendment	BOS	Approved June 16, 2009 - COMPLETED -
6	Preparation of Rezoning Plat	County Staff	August 1, 2009 - COMPLETED -
7	Preparation of Rezoning Application/ Easement	Town/County Staff	August 5, 2010 - COMPLETED -
8	Rezoning Process	County Planning Commission/ BOS	Board of Supervisors Hearing Scheduled February 15, 2011 - COMPLETED -
9	Commercial Marketing Package	EDA Staff	July 1, 2011
10	Public hearings to convey lands to buyer(s)	BOS and Town Council	As soon after sales contract(s) as possible
11	Prepare and convey deed(s) to buyer(s)	Town and County Attorneys	60-120 days after sales contract

I realize that this is a work in progress. I just wanted to update the timeline and outline the remaining steps in the process. Thanks.

Sincerely,



Douglas P. Stanley, AICP
County Administrator

DPS

cc: Blair Mitchell, County Attorney
Jennifer McDonald, Executive Director, EDA

Town & County
 Taxes Paid % Comparisons
 FY 2010-2011

	Town	Town Percentage	County	County Percentage	Total
Real Estate - Commercial & Industrial	\$257,578.00	6.73%	\$3,571,808.00	93.27%	\$3,829,386.00
PILOT	\$337,469.00	100.00%	\$0.00	0.00%	\$337,469.00
Machinery & Tools	\$9,697.00	1.41%	\$675,815.32	98.59%	\$685,512.32
Business PP	\$100,734.00	4.73%	\$2,028,389.00	95.27%	\$2,129,123.00
Sales Tax	\$707,494.98	19.51%	\$2,918,420.74	80.49%	\$3,625,915.72
Meals Tax	\$1,190,102.00	63.49%	\$684,437.86	36.51%	\$1,874,539.86
Lodging Tax	\$260,101.00	83.45%	\$51,581.15	16.55%	\$311,682.15
BPOL	\$635,596.00	52.74%	\$569,484.57	47.26%	\$1,205,080.57
Total	\$3,498,771.98	24.99%	\$10,499,936.64	75.01%	\$13,998,708.62
Percentage	24.99%		75.01%		



TOWN OF FRONT ROYAL
OFFICE OF THE TOWN MANAGER
TOWN HALL
P.O. BOX 1560
FRONT ROYAL, VIRGINIA 22630-1560

STEVEN M. BURKE, P.E.
Town Manager
(540) 635-8007
(540) 636-7475 (Fax)
sburke@frontroyalva.com

I

NOTICE TO THE PUBLIC

RESIDENTIAL BEAR ISSUES

The Town of Front Royal is surrounded by forested lands and parks inhabited by Virginia black bears. Bears are highly adaptable and can identify food sources based upon smell. Black bears can seek food sources in residential areas at any time of year, but are more common when natural food supplies are limited or when they have associated human dwellings with food.

The most common food sources for bears in residential areas include bird feeders, garbage cans, pet food, compost piles, and grills.

The Virginia Department of Game and Inland Fisheries offers the following suggestions to prevent nuisance bear problems:

- Secure your garbage in a shed or garage, or within a bear-resistant container
- Put your garbage out in the morning for collection, as bears are nocturnal
- Remove your bird feeder, as bears consume seeds and nuts in the wild
- Pick up your pet food if left outdoors
- Clean your grill often
- Don't put meat scraps or strong-smelling food in the compost pile.

If you experience bears scavenging through your Town-issued garbage container, please contact the Town's Public Works Department at (540) 635-7819 to report this problem. Our staff can retrofit your container to be bear-resistant.

The Virginia Department of Game and Inland Fisheries offers more information about coexisting with bears at <http://www.dgif.virginia.gov/wildlife/bear/>. In addition, they are available at (804) 367-1258 to discuss issues regarding bear activity in residential areas.