

From: [Brian Rahal](#)
To: [Napier, Sarah J](#); [Syed Imran](#)
Cc: [Melanie Mason](#); [Slacum, Jennifer](#); [Bob Williams](#); [Jesse Maines](#); [Alderman, Brandon](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)
Date: Wednesday, January 8, 2020 3:48:53 PM

Sarah,

We have yet to discuss internally, due to the holidays. Sorry for the delay. We should have a response out in a few more days.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Wednesday, January 8, 2020 3:30 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Brian,

We are still waiting for a response on our inquiry below. Any additional clarification is welcomed, so we can make sure we address your concerns.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

PLEASE NOTE THAT EFFECTIVE JAN 9, 2020, MY DIRECT PHONE NUMBER WILL BE 301-944-2412.

From: Napier, Sarah J
Sent: Sunday, December 22, 2019 4:05 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Brian,

I've talked to Jenni, Mary, and Brandon internally and just wanted to make sure that we fully understand the City's request and expectations, so we need a little clarification. During our bi-weekly call on 12/19/19, two past projects were suggested as examples of URS using the NCSAM. From my discussion with Brandon (copied here), he did not do the NCSAM for the N. Beaugard St project, and neither did Ron Johnson (URS) on the Vulcan project. Ron did the North Carolina "Methodology for Identification of Intermittent and Perennial Streams and Their Origins" for the Vulcan project. Brandon was also curious if you just wanted NCSAM used or the North Carolina Wetland Assessment Method (NCWAM) as well and further wanted me to verify that you did not want the ID of Stream Method used.

As soon as we nail down exactly what the City wants us to provide, we will give you an idea of the cost and schedule for these additional services.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, December 16, 2019 11:33 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Syed,

We've had some internal discussion over the past week regarding the wetlands delineation report. In the interest of consistent application of stream assessments in the City, we request that AECOM use the North Carolina Stream Assessment Method (NCSAM) for all tributaries identified as part of the wetlands delineation for Taylor Run. They will need to provide a revised wetland delineation report that includes these elements, with stream assessment documentation in the appendix. Also, the wetlands will expand the delineated RPA which should also be discussed in the report and reflected in the plans & WQIA.

We realize this may have some impact on schedule and budget, however, we anticipate continued interest and scrutiny from the public on how the City manages its natural resources. We believe it is in the best interest of the project to take these extra steps that will have an appreciable impact on

its success.

If you have any questions, please contact me.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Sent: Monday, December 9, 2019 7:42 AM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;

Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>;

Staley, Nathan <nstaley@wetlands.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>; Melanie

Mason <melanie.mason@alexandriava.gov>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Jesse,

Thanks for the quick reply. We look forward to hearing from you soon.

Jenni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Friday, December 6, 2019 3:27 PM

To: Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>;

Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Slacum,

Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>; Melanie

Mason <melanie.mason@alexandriava.gov>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Hey Sarah,

Brian and I discussed this a bit. Let us have an internal discussion with our Principal Planner that will be reviewing the WQIA as well. We'll get back to you first thing next week.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Friday, December 06, 2019 2:51 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>;
Staley, Nathan <nstaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;
Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Syed et al.,

After our call yesterday, Jenni and I were wondering if the City wants us to hold off on requesting an agency meeting until you are all comfortable with the stream designations for the two intermittent channels which were identified within the Study Area?

Ultimately the agencies make the final determination, but Jenni wants the mapping and data we present to the agencies for this meeting to reflect stream types with which we are all in agreement.

For now we will hold off on sending the pre-application meeting request to the City for signature until we get a response back from you. We don't want to jump the gun if you want more information on those two intermittent channels.

Please let me (and Jenni) know how you want us to proceed.

Have a great weekend!

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, December 05, 2019 10:27 AM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>;
Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer
<Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;
Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report)
Importance: High

Thanks for the heads up Bob.

Syed et al.,

Please see the attached Wetland Delineation Report which is Attachment B of the Wildlife Management and Mitigation Report (Appendix C of the 40% Design Submittal, Project Manual submitted 11/25/219).

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Bob Williams <Bob.Williams@alexandriava.gov>

Sent: Wednesday, December 04, 2019 9:57 PM

To: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: Re: Taylor Run Stream Restoration- Project Updates (Agenda)

Thanks Sarah. I will be unable to be on the call tomorrow due to a training commitment. Please feel free to email me with any questions or needs that you have of me.

Bob Williams, CPRP

Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Napier, Sarah J <sarah.j.napier@aecom.com>

Sent: Wednesday, December 4, 2019 6:21 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Friday, November 15, 2019 1:51 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>
Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Syed et al.,

Please see the attached meeting minutes from yesterday's bi-weekly call.

Please note that our GIS analyst is scheduled to finish up the wetland delineation plan sheet next week, so the agencies will be contacted next week to schedule the pre-application meeting for around the second week of December (after the 40% has been reviewed by the City).

From yesterday's meeting there are a few critical action items for which we need your assistance:

1. Please talk to Bob to see if he's had communication with the Rec Center regarding the upcoming project. And if so, what has been discussed and have they been approached regarding the use of their access drive and/or parking lot for a construction entrance?
2. Please coordinate with Suzanne (City Sanitary) and/or City GIS as needed to determine the appropriate structure number for the manhole behind the pile wall.
3. Please get City input and determine if the existing north foot bridge need to be replaced with an engineered solution or if it can just be replaced in kind by the contractor to match existing.
4. Please help us to nail down the desired signage post-construction:
 - a. Do away with existing historical signage along the trail,
 - b. Remove and reinstate existing historical signage,
 - c. Add new educational signage (if yes, what content is desired), or
 - d. Provide new historical signage to match new educational signage.

Please let me know if you need any clarification or have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, November 14, 2019 2:31 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Sorry all. Forgot to hit send on the meeting minutes and agenda.

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, October 16, 2019 7:34 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, October 02, 2019 5:18 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>

Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, September 18, 2019 7:36 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>

Subject: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-820-3000 F 1-301-820-3009

www.aecom.com

From: [Rod Simmons](#)
To: [Bob Williams](#)
Cc: [John Noelle](#); [Matthew Barker](#); [John Marlin](#); [Mary Farrah](#); [Jane Yeingst](#); [MJ Jarrar](#); [Robin Firth](#); [JAMES Clark](#); [Eileen Grant](#); [Tarryn Lee](#); [Coline Hay](#)
Subject: Natural Lands Management Section items for the January 2019 Parks and Recreation report
Date: Tuesday, January 8, 2019 5:02:00 PM
Attachments: [Parks and Recreation Monthly Commission Report - 7 Jan 2019.docx](#)

Hi Bob,

Attached are the Natural Lands Management Section items for the January 2019 Parks and Recreation Commission monthly report.

I only included 3 photos this time to leave room for one of Mary's photos of the new nursesey area at 2900-A.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: [EXTERNAL]Taylor Run Educational Signage
Date: Tuesday, January 21, 2020 2:58:47 PM

Part of the scope. Winning submittal respondent installs.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, January 21, 2020 2:58 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Educational Signage

Who installs? Same separate RFP?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, January 21, 2020 2:20 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Educational Signage

I suggest using a separate task order. Will have to see about using the current contract as a vehicle, or go RFP, non-professional services. Work will likely be less than \$50k (get 3-submissions). Treat as a separate project and include Ben Brenman. We didn't get SLAF reimbursement for Lake Cook signs. So, could be separated from time-sensitive project.

I could work with Nathan & Dana on the scope, if we go that route.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, January 21, 2020 1:58 PM
To: Staley, Nathan <nstaley@wetlands.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Educational Signage

Nathan,

I wanted to respond so this doesn't linger, but have to jump on a call at 2pm. For a quick look, this should be okay and not affect the schedule with respect to the SLAF deadlines. Mainly just need to get the signage up before the overall project is done.

Looped Brian for the group to discuss further.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Tuesday, January 21, 2020 1:11 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>
Subject: [EXTERNAL]Taylor Run Educational Signage

Good Afternoon Jesse and Syed,

I'm following up on a previous phone conversation between Jesse and I regarding the educational signage for Taylor Run. Jesse, you had expressed the desire for services to be turn-key, if possible. Given the level of uncertainty, I don't know that there is a good way for us to cost out the price for the signage printing and post/pedestal materials until we've engaged City staff and worked through the specifics. For this reason, I am proposing that our scope modification language include the design of high-resolution graphics with additional meetings and coordination time (hourly, not to

exceed) to allow for assistance with the City's purchase of signs and post/pedestal materials. Our task would include incorporation of post/pedestal shop drawings into the overall stream restoration plan and additional plan modifications/specifications necessary to incorporate sign installation into the overall construction effort. This will require coordination/decision-making with regard to signage by mid-March in order to allow incorporation of the required information into plan documents without delaying the project schedule.

Please let me know if you think this is a reasonable allocation of scope between City and design team staff. If you or Syed have any concerns or suggested modifications to this approach please let Sarah and I know and we will work to incorporate the changes into our contract modification proposal.

Thanks in advance for the feedback.

Nathan A. Staley, PE | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)

5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601

nstaley@wetlands.com | www.wetlands.com

Please consider the environment before printing.

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source.**

From: [Bob Williams](#)
To: [Rod Simmons](#); [Mary Farrah](#)
Subject: Fw: Lucky Run Site Visit
Date: Thursday, April 11, 2019 5:48:03 PM

We are trying to schedule a walk through with T&ES of Lucky Run like we did on Strawberry and Taylor. Do any of the following times work for you?

Bob Williams, CPRP

Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688
Mobile: 571.289.9429
Email: Bob.Williams@alexandriava.gov

From: Joni Calmbacher
Sent: Wednesday, April 10, 2019 11:16 AM
To: Bob Williams
Subject: Lucky Run Site Visit

Hi Bob,

I am looking for a good time to schedule the Lucky Run visit. Unfortunately, with Spring Break being next week, there aren't many slots in April that will work. I assume that you will have other members from your team in attendance, like with the Strawberry and Taylor visit. Would any of the following work? (I haven't checked with Umar from AECOM yet, but will confirm once I hear back from you).

1. Tuesday, April 23rd from 10 am to noon
2. Tuesday, April 23rd from 1 to 3 pm
3. Monday, April 29th from 1 to 3 pm

Thanks,

Joni Calmbacher, P.E.

Civil Engineer III
Stormwater Management Division
Transportation & Environmental Services
City of Alexandria, Virginia
2900 Business Center Drive
Alexandria, VA 22314
703.746.4174 (direct)

703.795.8476 (mobile)

www.alexandriava.gov

From: [Brian Rahal](#)
To: [Yon Lambert](#); [William Skrabak](#); [Anthony Gammon](#); [Jesse Maines](#)
Cc: [Danilo Nunez](#); [Rachael Moxley](#); [Melanie Mason](#); [Sara DeGroot](#); [Joni Calmbacher](#); [Wisdom Gbediame](#)
Subject: DEQ Awards \$20 Million for Stormwater Enhancements
Date: Monday, April 15, 2019 4:23:24 PM
Importance: High

All,

Once again, Alexandria has been awarded multiple State and Local Assistance Fund (SLAF) grants in our efforts to improve stormwater quality and reduce pollutants entering the Chesapeake Bay!

Our awards are for:

Strawberry Run Stream Restoration **\$800,000.00**

Taylor Run Stream Restoration **\$2,255,00.00**

Congratulations, TEAM!!!

<https://www.deq.virginia.gov/ConnectWithDEQ/NewsReleases/StormwaterEnhancements.aspx>

DEQ Awards \$20 Million for Stormwater Enhancements

April 15, 2019

Contact: [Greg Bilyeu](#)
(804) 698-4107

DEQ AWARDS \$20 MILLION FOR STORMWATER ENHANCEMENTS

Fifteen localities receive funds for 24 projects across the state

RICHMOND, VA – The Virginia Department of Environmental Quality (DEQ) has awarded 15 localities across the commonwealth with \$20 million from this year’s Stormwater Local Assistance Fund (SLAF). The SLAF program, managed by DEQ, provides matching grants to localities for improvement projects that implement cost-effective best management practices. This year’s awards will support 24 projects that will reduce water pollution across the state.

The grants represent the fifth round of SLAF funding, created by the Virginia General Assembly in 2013. This year’s applications were evaluated and ranked in priority. This year, DEQ received a total of 59 applications from 34 localities for projects totaling more than \$39 million. Funding for this round ranges from \$82,000 to a maximum of \$4 million. To date, more than \$80 million in SLAF funding has been awarded to support 193 stormwater improvement projects across the commonwealth.

“This stormwater funding is vital to assist our partners in local government to improve their streams and the health of the Chesapeake Bay,” said Secretary of Natural Resources Matthew J. Strickler. “As the Commonwealth prepared its new plan for a

cleaner Chesapeake Bay, the Phase 3 Watershed Implementation Plan, we heard clearly from local governments that this funding support is essential to meeting our comprehensive goals.”

“Under heavy rainfall many conventional stormwater drainage systems may be overwhelmed

and route runoff to streams and rivers,” said DEQ Director David Paylor. “This increases pollution and results in degradation over time. SLAF funding provides matching grants to help communities install effective and efficient pollution-control measures such as stream restorations, constructed wetlands and methods to filter rainwater before it washes pollution into waterways.”

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahal@alexandriava.gov

From: [Rod Simmons](#)
To: jc.jerrycasagrande.com
Cc: [Bob Williams](#); [JAMES Clark](#)
Bcc: [Rod Simmons](#)
Subject: RE: Forest Park/Chinquapin Park
Date: Thursday, May 23, 2019 7:44:00 PM
Attachments: [Chinquapin Park and Forest Park excerpt.pdf](#)
[Native Vascular Flora of the City of Alexandria, Virginia.pdf](#)

Hi Jerry,

Thank you for your interest in Alexandria's parks and natural areas, and your kind offer for a volunteer project.

The natural part of Chinquapin Park along Taylor Run ("Chinquapin Hollow" of Lester Frank Ward) and adjoining Forest Park together comprise one of Alexandria's largest and most diverse remaining natural areas.

Below and attached are a number of references as to the sensitivity and importance of these two parks and stream corridor that may be useful.

See [Plate 5. Geologic Map Showing Surficial Geology, Landforms, and Major Areas of Artificially Modified Land](#) of the *Geologic Atlas of the City of Alexandria, Virginia and Vicinity* at <https://www.alexandriava.gov/89974> for a superb and accurate depiction of upland terrace and Potomac Formation at both parks. The [Expanded Explanation of Plate 5](#) discusses the types of rocks and unconsolidated sediments found at the surface in different parts of the city: their history, properties, and relationships to the major landforms.

[Plate 4. Geologic Map of the Potomac Formation](#) and [Expanded Explanation of Plate 4](#) discusses the formation of river deposits, which dates from the "Age of Dinosaurs" and makes up the great bulk of the geologic section beneath the City.

The City of Alexandria Flora and Natural Communities webpage at <http://alexandriava.gov/22560>.

Several natural area reports, including the Seminary Hill area report, are found at on the Natural Resource Management page at <http://alexandriava.gov/48838>.

I just walked the entire property two days ago and noticed some non-native invasive plant removal work that does need doing: hand-pull and bag the Garlic Mustard along the outer western trail of Forest Park (eastern terminuses of Kingston Avenue and Francis Hammond Parkway in both directions along outer trail) and hand-pull and bag the stands of Long-bristled Smartweed throughout the trail edges of both parks. (We generally don't allow digging in City parks and natural areas because it causes soil disturbance, destabilization, and the further spread of weeds.)

ARMN alumnus and City natural resources technician Jim Clark (copied) regularly stewards both these parks and I'm sure would be happy to work with you. In fact, I believe he might have done his 5-minute graduation presentation on invasive plant removal back in 2009!

Also, over the past decade or so, we've been getting a number of non-native invasive ferns springing into the damp soil along Taylor Run, mainly the north bank. These are not as big a threat as the Garlic Mustard and Long-bristled Smartweed – which are still largely under control at the parks owing to years of past hard work – but in the next week or so I do plan on scouring the stream banks with fern expert Carl Taylor, documenting all exotic ferns, and removing them at that time (most will be pressed and dried as herbarium specimens).

You are welcome to participate in both of these efforts. I am also happy to meet with you at the parks sometime next week after Tuesday.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

From: Bob Williams
Sent: Tuesday, May 21, 2019 5:23 PM
To: jc jerrycasagrande.com <jc@jerrycasagrande.com>
Cc: Rod Simmons <Rod.Simmons@alexandriava.gov>
Subject: Re: Forest Park/Chinquapin Park

Hi Jerry,

Thank you for reaching out. I am glad to hear about you taking the Virginia Master Naturalist Program. I know you will get a lot out of it.

We would be happy to assist you on your interest of Forest and Chinquapin Parks. I have copied Rod Simmons here, our Natural Lands Manager, who can provide you with more detailed information about the park. He should be reaching out to you soon.

I wish you much success in your presentation. Feel free to reach out in the future.

Bob Williams, CPRP

Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: jc jerrycasagrande.com <jc@jerrycasagrande.com>

Sent: Tuesday, May 21, 2019 4:47 PM

To: Bob Williams

Subject: Forest Park/Chinquapin Park

Hi Bob,

I hope this email finds you well. I received your name from Joni Calmbacher, who I emailed earlier today and will be talking to on Friday.

I am taking part in the Virginia Master Naturalist Program this semester and I live just off Quaker Lane here in Alexandria. As part of the conclusion of the program, we each have to give a five minute presentation about a topic of interest to us. I would like to make a presentation about Forest Park/Chinquapin Park because I live very close to it, walk my dog there almost daily and enjoy exploring it with my kids.

I wonder if you'd have time to talk on the phone this week for 10 to 15 minutes about any work that has been done in the park or any plans for the park--or even lack of plans--in terms of either invasive pulls. (I will be talking to Joni about stream restoration plans). I would really appreciate it. If possible, I'd love to use my 5 minute presentation as a launching point for doing some invasive removals from the park or doing work in support of stream restoration. Perhaps I can organize some other volunteers in support of the park.

Please let me know when you are able to chat (If your time allows, perhaps we could even go for a short walk through the park!) In any case, I would really appreciate it and look forward to doing what I can to help out the park.

Many thanks,

Jerry Casagrande

703.717.3603

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: 2647 Duke St. @ Taylor Run
Date: Thursday, August 8, 2019 3:17:00 PM
Attachments: [image001.jpg](#)

Better Termite? Aren't they grandfathered?

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, August 8, 2019 3:16 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: 2647 Duke St. @ Taylor Run

Brian,

Also, the business is encroaching in the RPA and the Park property with the gravel and wall and should remove that.

Thanks,

Jesse Maines, MPA
Division Chief
T&ES, Stormwater Management
703.746.6499 (main)
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Thursday, August 08, 2019 3:10 PM
To: John Marlin <John.Marlin@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: 2647 Duke St. @ Taylor Run

John,

I usually ask PWS to keep the culvert entrance clear of debris. They can access that fairly easily. Further up stream could be a challenge for them as access isn't that great.

When it gets to be too much for PWS, I usually turn to The Care of Trees to help out. We may have funding available for them to go in and clear the banks. I usually make contact and start a scope and ask for a proposal from Mike Whetzel, but we're stretched pretty thin over here. I don't think I can get to it for a

couple weeks, at least.

Let's meet on site and discuss, as well as look at that Walnut tree. My calendar is up to date if you want to send me a meeting invite. The 15th & 16th are my next available days (maybe. That could change in the next few days).

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: John Marlin <John.Marlin@alexandriava.gov>

Sent: Thursday, August 8, 2019 2:18 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: 2647 Duke St. @ Taylor Run

Hi Brian,

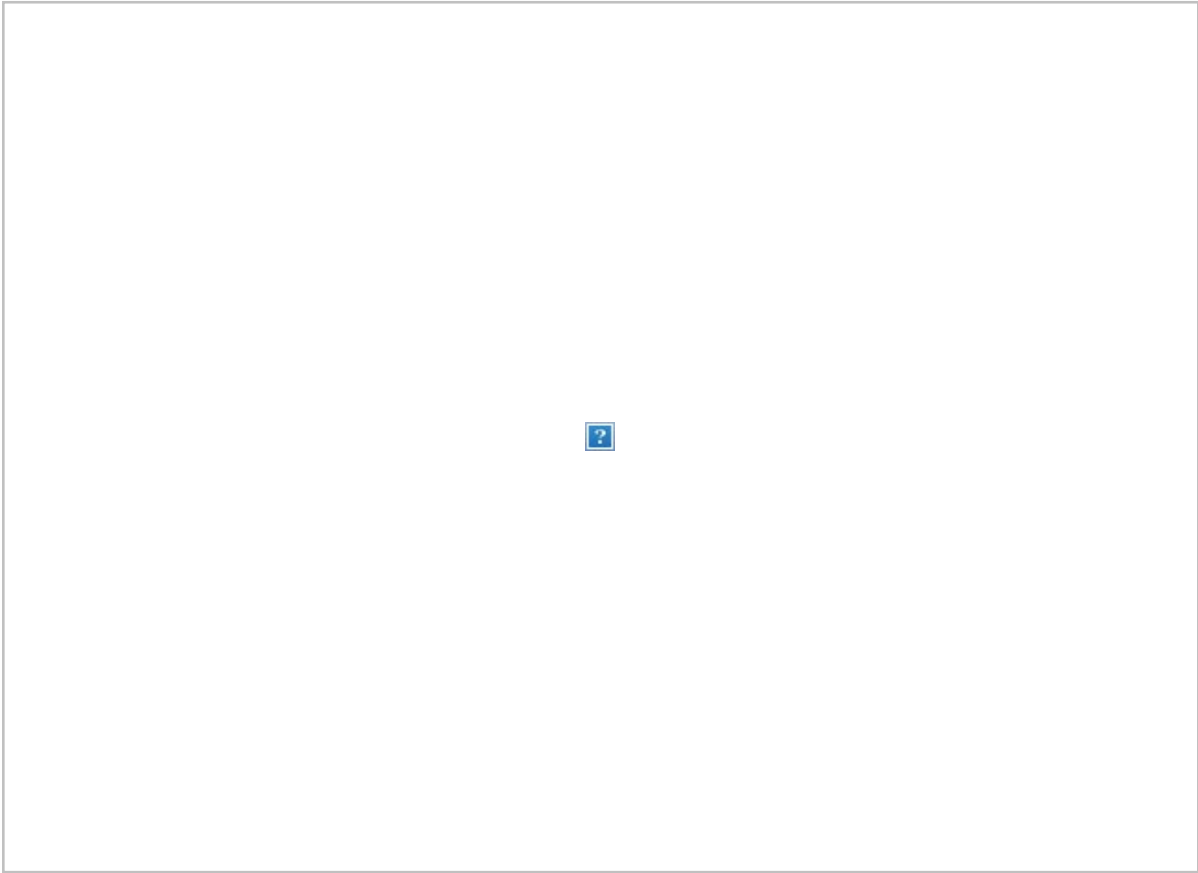
This is John with Alexandria Forestry.

I had a follow up conversation with the owner of Better Termite and Pest Control and will be removing a few more trees along the banks of W Taylor Run.

While onsite I noticed a large quantity of woody debris on the western bank that had been deposited after the flood. I was wondering if Stormwater Management had a plan for those debris.

I also was hoping to talk to an engineer about a tree beside the NW corner of Better Termite's property on the East side of Taylor Run.

It appears to be rooted on a stable section of the bank that will provide good anchorage, but I was hoping someone with expertise could tell me if it is at risk of being scoured or undercut.



Many thanks if you can help,

John Marlin

Arborist | Urban Forestry

Recreation, Parks and Cultural Activities (RPCA)

City of Alexandria, VA

2900-A Business Center Dr., Alexandria, VA 22314

M: 703.795.2798

O: 703.746.4669

john.marlin@alexandriava.gov

From: [Brian Rahal](#)
To: [Umar Shahid](#)
Cc: [Jesse Maines](#)
Subject: Declined: FW: Taylor Run Stream Restoration- Project Updates

Umar,

I'm out of the office next week for training in Richmond.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
City of Alexandria, Virginia -<https://gcd01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.alexandriava.gov%2F&data=02%7C01%7CJesse.Maines%40alexandriava.gov%27Chdfcb3ae6b204e9b1f0e08f721a63b5b%7Cfca993143754aeacccc76ad32a890b%7C0%7C0%7C637014870156072593&ssdata=b2%2Ble7pDqSV5LkaARIMiJH68qah%2FhK6GOgIPpC5ak%3D&reserved=0>
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahah@alexandriava.gov <mailto:brian.rahah@alexandriava.gov>

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Umar Leaving AECOM
Date: Friday, September 6, 2019 5:18:31 PM

Oh, dang. That's why she's been trying to reach me.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, September 6, 2019 3:04 PM
To: Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Demond Frazier <demond.frazier@alexandriava.gov>; Ayoub Hassen <Ayoub.Hassen@alexandriava.gov>; Murphy Ng <Murphy.Ng@alexandriava.gov>
Cc: Tafesse Gyes <Tafesse.Gyes@alexandriava.gov>
Subject: Umar Leaving AECOM

Just talked to Mary Roman. She'll be the POC with Umar leaving. Here's a thumbnail of our discussion related to the active projects we have with Umar as PM.

Taylor Run – Sara Napier will be the lead form AECOM

- She wants to have a call with Umar, Sara, Mary, Syed, etc. on a call next week to discuss hand-off.

Lucky Run – Tomas has been involved (mid-level engineer) working with Umar, and have other senior level assisting

- Rob Schrieve would be the CM&I lead (told her not sure we're going to execute the contract and I can discuss with her later)
- Would like Umar to sign and seal the plans while he's an employee before he leaves: Let's definitely go ahead with this.

Ben Brenman – Tomas as with Lucky during construction to continue RFIs, etc.

Thanks,

Jesse E. Maines, MPA
Division Chief
Stormwater Management
Transportation & Environmental Services
City of Alexandria, VA
Main Phone: 703.746.6499
Office Phone (direct): 703.746.4643
Cell Phone (mobile): 571.414.8237
www.alexandriava.gov/Stormwater

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: 2647 Duke St. @ Taylor Run
Date: Friday, September 13, 2019 11:49:00 AM
Attachments: [RE 2647 Duke St. @ Taylor Run.msg](#)
[RE 2647 Duke St @ Taylor Run.msg](#)

No HOA that I know of. The local homes are all older SFR. RPCA Natural Resources were just out there 2-weeks ago removing a bunch of invasive trees just upstream of this area. They actually had a chipper truck in the parking area of Better Termite. I talked with John Marlin about coordinating the removal, but it never happened.

Once I get something from Mike, I'll send out some fliers and bring RPCA into the schedule.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, September 13, 2019 11:37 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Re: 2647 Duke St. @ Taylor Run

Please make sure we coordinate with Bob so he knows about the work. How long do you estimate it will take (probably need response to answer that).

I'm guessing you've considered notifications. Is there an HOA in the area we can ping so they know as well? Councilman Chapman lives close by and some former council members commute that route. Door hangers maybe Gavin can assist?

Thanks,

Jesse Maines, Division Chief
T&ES Stormwater Management
City of Alexandria, VA

On Sep 13, 2019, at 11:00 AM, Brian Rahal <Brian.Rahal@alexandriava.gov> wrote:

Mike,

John Marlin just had you guys out at this site, south end of Angel Park, north of Duke St (Taylor Run). I need to have the section between the culvert entrance on Duke and

about 175' upstream **cleared of loose debris from bottom of bank to top of bank** and **woody vegetation 3"-dia and larger removed from bottom of bank to 50% up slope.**

<image004.jpg>

Let me know if you want to meet on site before sending me a proposal for the work. We need this pretty quick. The two commercial properties have been flooding the last couple years and we need to clear some space for floodwaters.

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rah@alexandriava.gov

From: John Marlin <John.Marlin@alexandriava.gov>

Sent: Wednesday, August 28, 2019 2:56 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: Re: 2647 Duke St. @ Taylor Run

That was our contractor.

They were removing some invasive trees that our natural lands work group are targeting, as well as two trees at risk of hitting the termite control parcel.

John Marlin

Arborist | Urban Forestry

Recreation, Parks and Cultural Activities (RPCA)

City of Alexandria, VA

2900-A Business Center Dr., Alexandria, VA 22314

M: 703.795.2798

O: 703.746.4669

john.marlin@alexandriava.gov

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Wednesday, August 28, 2019 1:53:10 PM
To: John Marlin <John.Marlin@alexandriava.gov>
Subject: RE: 2647 Duke St. @ Taylor Run

John,

One of our inspectors was driving by 2647 Duke St and saw a big white chipping truck backing down in their lot. Is that you all?

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://www.cityofalexandria.com)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahall@alexandriava.gov

From: Brian Rahal
Sent: Thursday, August 8, 2019 3:10 PM
To: John Marlin <john.marlin@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: 2647 Duke St. @ Taylor Run

John,

I usually ask PWS to keep the culvert entrance clear of debris. They can access that fairly easily. Further up stream could be a challenge for them as access isn't that great.

When it gets to be too much for PWS, I usually turn to The Care of Trees to help out. We may have funding available for them to go in and clear the banks. I usually make contact and start a scope and ask for a proposal from Mike Whetzel, but we're stretched pretty thin over here. I don't think I can get to it for a couple weeks, at least.

Let's meet on site and discuss, as well as look at that Walnut tree. My calendar is up to date if you want to send me a meeting invite. The 15th & 16th are my next available days (maybe. That could change in the next few days).

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://www.cityofalexandria.gov)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: John Marlin <John.Marlin@alexandriava.gov>

Sent: Thursday, August 8, 2019 2:18 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: 2647 Duke St. @ Taylor Run

Hi Brian,

This is John with Alexandria Forestry.

I had a follow up conversation with the owner of Better Termite and Pest Control and will be removing a few more trees along the banks of W Taylor Run.

While onsite I noticed a large quantity of woody debris on the western bank that had been deposited after the flood. I was wondering if Stormwater Management had a plan for those debris.

I also was hoping to talk to an engineer about a tree beside the NW corner of Better Termite's property on the East side of Taylor Run.

It appears to be rooted on a stable section of the bank that will provide good anchorage, but I was hoping someone with expertise could tell me if it is at risk of being scoured or undercut.

<image001.jpg>

Many thanks if you can help,

John Marlin

Arborist | Urban Forestry

Recreation, Parks and Cultural Activities (RPCA)

City of Alexandria, VA

2900-A Business Center Dr., Alexandria, VA 22314

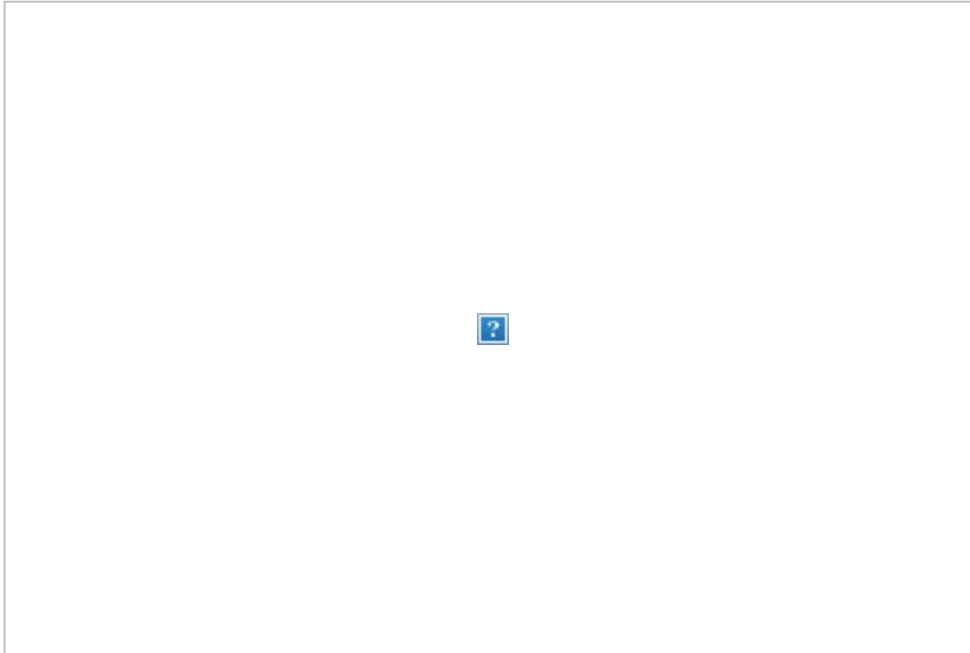
M: 703.795.2798

O: 703.746.4669

john.marlin@alexandriava.gov

From: [Brian Rahal](#)
To: [Joni Calmbacher](#); [Jesse Maines](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)
Date: Tuesday, September 24, 2019 1:49:00 PM
Attachments: [2019.09.23 Taylor Run Suggested Access Point.pdf](#)
[image001.jpg](#)

Sarah needs to overlay the sewers onto the attached map. Not sure we want many heavy duty fully loaded trucks running over those old storm and sanitary lines without some significant support. Will probably be cheaper to come in from King St. I think Wood saw this as an issue, early on, too.



Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Joni Calmbacher <joni.calmbacher@alexandriava.gov>
Sent: Tuesday, September 24, 2019 1:39 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Agreed.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, September 24, 2019 1:17 PM
To: Joni Calmbacher <joni.calmbacher@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Thanks for the update. Yeah, was worried about proximity to building too, and sounds like you're thinking of that as well.

My concern is that the 40% submittal will be showing the entrance regardless without input from the community. But do agree that the Rec center and TCW are the two big stakeholders with this alternative entrance.

If 40% has a only one location, then we just need to explain the thought process. If the 40% has the potential locations, then yes, going to the public with that and with the considerations we've thought of makes sense. Then we can have a good discussion with the public.

Thank you!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.6499 (main)
703.746.4643 (direct)
571.414.8237 (mobile)

From: Joni Calmbacher <joni.calmbacher@alexandriava.gov>
Sent: Tuesday, September 24, 2019 1:09 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Yes. Bob was on the call on Thursday when Nathan brought this up. Bob requested the photos of the location which Sarah included. Bob is going to review and talk to the Rec Center.

I also have concerns based on how close it is to the building. I spoke to Nathan about it yesterday and suggested that we should also look at creating a new entrance that comes through the opposite end of the Rec Center parking lot.

I agree what we need to involve the stakeholders in this discussion including the Rec Center, TCW, and residents. On the last call, I brought up the discussion about the first public meeting and due to the holidays being right after the 40% submittal date, suggested mid-January. Others agreed, so the tentative plan is for the first public meeting to be in January. This meeting will include the discussion

of potential impacts (# of trucks, truck staging, etc.).

In addition, Syed and I will also be reaching out to TCW in the next week to begin engaging them with the project. Once we get feedback on the entrance from RPCA and the REC Center, we can also discuss the entrance options with TCW prior to the 40% designs and public meeting.

Thanks,
Joni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, September 24, 2019 11:34 AM
To: Joni Calmbacher <joni.calmbacher@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Hey Joni,

Some concerns with the suggested access through the parking lot for the Rec center. Of course we would want to follow up with the Rec center to hear their concerns. I know we're pretty early in the planning process, but I think the conversation with the Rec center, TCW, and the residents will be more informative knowing potential impacts. Things like # of trucks, truck staging, etc.

You and Sarah may have already discussed, but just wanted to highlight some of this information that would help the conversation. We may want to float both potentials 1) through parking lot and 2) from main highway to get stakeholders to weigh in on the options. This is one of the reasons we need to get out to the stakeholders before we go too far, and this would be a major decision point for these stakeholders – if they're both viable.

Thanks,

Jesse Maines, MPA
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Tuesday, September 24, 2019 11:08 AM
To: Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached Meeting Minutes from our call last Thursday.

Additionally, per our discussion regarding site entry and the suggested access point, please see the attached map of the proposed location and two photos showing the area. We feel that this location will actually be safer since it's not on a main road with a bike lane, and there is not curb impediment. There would be no interruption to parking or pedestrian access to the facility or impact to the building.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, September 18, 2019 7:36 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>
Subject: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE
Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

AECOM
12420 Milestone Center Dr., Suite 150, Germantown, MD 20876
T 1-301-820-3000 F 1-301-820-3009
www.aecom.com

From: [Brian Rahal](#)
To: [Syed Imran](#); [Jesse Maines](#)
Subject: RE: Taylor Run Public Information Meeting
Date: Thursday, October 24, 2019 10:05:27 AM

Syed,

The 16th, 22nd, and 29th work best for me. I'm scheduled for telework Thursday Jan 23rd.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, October 24, 2019 10:02 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Public Information Meeting

Brain/Jesse,

Please propose some dates for Taylor Run public information meeting in January, 2020. I have contacted Rec center and Douglas MacArthur elementary school and so far both places are available. Once we confirm internally I will contact AECOM and proceed with reservation.

Here are some options and time will be between 7 to 9 p.m.

Monday Jan 13th or 27th
Wednesday Jan, 22nd or 29th
Thursday Jan 16th or 23rd

Thanks,

Syed Imran

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#)
Subject: RE: AECOM Invoice 2000279401
Date: Monday, November 11, 2019 11:56:45 AM
Attachments: [image001.png](#)

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, November 11, 2019 11:53 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: FW: AECOM Invoice 2000279401

FYI – Attached is AECOM 2nd invoice for Taylor Run Stream Restoration project and will be processed this week. Please let me know if you have any comments.

Thanks,
Syed

From: Sharief, Ismail <ismail.sharief@consultant.aecom.com>
Sent: Friday, October 25, 2019 1:11 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Solanki, Vikash <Vikash.Solanki@aecom.com>; Shyam, Prasad <prasad.shyam@consultant.aecom.com>
Subject: AECOM Invoice 2000279401

Greetings,

Please see the attached AECOM Invoice 2000279401 for your review and processing.

Project name: Taylor Run Stream Restoration

Thanks and have a nice day ahead!!

Best Regards,

Ismail Sharief

Project Billing Specialist

AECOM - Global Business Services
ismail.sharief@consultant.aecom.com
www.aecom.com

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 Please consider the environment before printing this e-mail.

From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#); [Anthony Gammon](#); [Lydia Durand](#)
Subject: RE: Monthly Status Report - Taylor Run
Date: Wednesday, November 13, 2019 4:00:27 PM

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Wednesday, November 13, 2019 2:42 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Anthony Gammon <anthony.gammon@alexandriava.gov>; Lydia Durand <lydia.durand@alexandriava.gov>
Subject: Monthly Status Report - Taylor Run

Hi Brian,
Attached is monthly progress report for Taylor Run project. Please let me know if you have any questions.
Thanks,

Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: Taylor Run Progress TEAMS Meeting
Date: Thursday, November 14, 2019 12:02:00 PM

Do I see you have RM 114 reserved?

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#)
Subject: RE: Taylor Run 40% Review Comments
Date: Wednesday, December 4, 2019 7:16:28 PM

Syed,

I got to the plans and cost estimate. Plans look pretty good, but I wasn't able to scrutinize every sheet. Cost estimate seems a little low. We had 12-mo. construction time in budgeting. Nathan's estimate shows 8-mo. for CM&I. Bumping this to 12-mo. brings the total up \$100k.

Manhole relocation seems low, but small amount. Earthwork seems low at \$128k as previous estimate was \$500k.

I think we're going to have to put in a bunch of larger trees, or the community won't be happy. Nathan is showing 3,800 1-gal containers for all trees & shrubs. We're going to need many 3-4" caliper trees.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Tuesday, December 3, 2019 4:24 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run 40% Review Comments

Thank you!

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, December 3, 2019 4:07 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run 40% Review Comments

Syed,
I can probably get that done tomorrow.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Tuesday, December 3, 2019 3:50 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: Taylor Run 40% Review Comments

Hi Brian,

I was wondering when you will be able to finish review for 40% submission? As per schedule City comments are due by December 6th, 2019.

Thanks,

Syed

Syed Imran

Civil Engineer III

City of Alexandria, Virginia

Department of Project Implementation

703-746-4659 (office)

703-217-5293 (mobile)

alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: Taylor Run
Date: Thursday, December 5, 2019 2:14:00 PM

I have 135 scheduled.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#); [Anthony Gammon](#); [Lydia Durand](#)
Subject: RE: Taylor Run - Monthly Project Report
Date: Thursday, December 5, 2019 5:10:28 PM

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, December 5, 2019 4:46 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Anthony Gammon <anthony.gammon@alexandriava.gov>; Lydia Durand <lydia.durand@alexandriava.gov>
Subject: Taylor Run - Monthly Project Report

Brian, Attached is monthly project report for Taylor Run. Please let me know if you have any questions.

Thanks,

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run - eNews Draft
Date: Tuesday, December 10, 2019 4:50:00 PM

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, December 10, 2019 4:47 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run - eNews Draft

Syed,

Please see attached.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, December 09, 2019 4:36 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run - eNews Draft

Brian/Jesse,

Please review attached draft eNews for Taylor Run Public meeting. Let me know if you have any comments before I send out.

Thanks,

Syed Imran
Civil Engineer III

City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Melanie Mason](#); [Jesse Maines](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)
Date: Wednesday, December 11, 2019 9:36:00 AM

Melanie,

The report is here: [S:\envqlty\Stormwater\Projects\Taylor Run Stream Restoration\07 Deliverables](#)

There are two short tribbs identified as Intermittent streams in the upland areas of the run. They are in the existing RPA and it doesn't look like the boundary will need adjustment other than expansion around the wetlands. We want AECOM to not define these tribbs as "intermittent" without NC process being used. Your "weigh-in" and comments are appreciated.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Wednesday, December 11, 2019 8:55 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Do we need to set up a time to talk about this? And can you send me the report to review?

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Monday, December 09, 2019 7:42 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>; Melanie Mason <melanie.mason@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Jesse,

Thanks for the quick reply. We look forward to hearing from you soon.

Jenni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Friday, December 6, 2019 3:27 PM

To: Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>; Melanie Mason <melanie.mason@alexandriava.gov>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Hey Sarah,

Brian and I discussed this a bit. Let us have an internal discussion with our Principal Planner that will be reviewing the WQIA as well. We'll get back to you first thing next week.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Napier, Sarah J <sarah.j.napier@aecom.com>

Sent: Friday, December 06, 2019 2:51 PM

To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Syed et al.,

After our call yesterday, Jenni and I were wondering if the City wants us to hold off on requesting an agency meeting until you are all comfortable with the stream designations for the two intermittent channels which were identified within the Study Area?

Ultimately the agencies make the final determination, but Jenni wants the mapping and data we present to the agencies for this meeting to reflect stream types with which we are all in agreement.

For now we will hold off on sending the pre-application meeting request to the City for signature until we get a response back from you. We don't want to jump the gun if you want more information on those two intermittent channels.

Please let me (and Jenni) know how you want us to proceed.

Have a great weekend!

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, December 05, 2019 10:27 AM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report)
Importance: High

Thanks for the heads up Bob.

Syed et al.,

Please see the attached Wetland Delineation Report which is Attachment B of the Wildlife Management and Mitigation Report (Appendix C of the 40% Design Submittal, Project Manual submitted 11/25/219).

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Bob Williams <Bob.Williams@alexandriava.gov>
Sent: Wednesday, December 04, 2019 9:57 PM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: Re: Taylor Run Stream Restoration- Project Updates (Agenda)

Thanks Sarah. I will be unable to be on the call tomorrow due to a training commitment. Please feel free to email me with any questions or needs that you have of me.

Bob Williams, CPRP
Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Napier, Sarah J <sarah.j.napier@aecom.com>

Sent: Wednesday, December 4, 2019 6:21 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Friday, November 15, 2019 1:51 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Syed et al.,

Please see the attached meeting minutes from yesterday's bi-weekly call.

Please note that our GIS analyst is scheduled to finish up the wetland delineation plan sheet next week, so the agencies will be contacted next week to schedule the pre-application meeting for around the second week of December (after the 40% has been reviewed by the City).

From yesterday's meeting there are a few critical action items for which we need your assistance:

1. Please talk to Bob to see if he's had communication with the Rec Center regarding the upcoming project. And if so, what has been discussed and have they been approached regarding the use of their access drive and/or parking lot for a construction entrance?
2. Please coordinate with Suzanne (City Sanitary) and/or City GIS as needed to determine the appropriate structure number for the manhole behind the pile wall.
3. Please get City input and determine if the existing north foot bridge need to be replaced with an

engineered solution or if it can just be replaced in kind by the contractor to match existing.

4. Please help us to nail down the desired signage post-construction:
 - a. Do away with existing historical signage along the trail,
 - b. Remove and reinstate existing historical signage,
 - c. Add new educational signage (if yes, what content is desired), or
 - d. Provide new historical signage to match new educational signage.

Please let me know if you need any clarification or have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, November 14, 2019 2:31 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Sorry all. Forgot to hit send on the meeting minutes and agenda.

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, October 16, 2019 7:34 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, October 02, 2019 5:18 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, September 18, 2019 7:36 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>
Subject: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-820-3000 F 1-301-820-3009

www.aecom.com

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: eNews Taylor Run Stream Restoration Project
Date: Friday, December 13, 2019 4:29:00 PM

Have you heard back on this? Needs to go out next week, yes?

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Wednesday, December 11, 2019 10:39 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Lydia Durand <lydia.durand@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: eNews Taylor Run Stream Restoration Project

Hey Lydia,

Will this be going out city-wide through OCPI?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Wednesday, December 11, 2019 10:20 AM
To: Lydia Durand <lydia.durand@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: eNews Taylor Run Stream Restoration Project

Good Morning Lydia,
Attached is final version of eNews related to public meeting for Taylor Run Stream Restoration Project.

Thanks,
Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#); [Syed Imran](#); [Lydia Durand](#)
Subject: RE: eNews Taylor Run Stream Restoration Project
Date: Monday, December 16, 2019 11:36:00 AM

Just for clarification, our target time for broadcast is the first week of January, a minimum of 2-weeks prior to the event date. If OCPI can meet that schedule, that would be great! If not, we will need to work with TES PIO to get it out on time.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, December 16, 2019 11:22 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Lydia Durand <lydia.durand@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: eNews Taylor Run Stream Restoration Project

Syed,

Please let me know if it's going out city-wide. I believe OCPI has asked for a month ahead. If it doesn't, then we'll need to get with our TES PIO to get this out.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Friday, December 13, 2019 4:40 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Lydia Durand <lydia.durand@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: eNews Taylor Run Stream Restoration Project

Hey Syed,

Wanted to follow up on this to see when it's going out. Is it going to OCPI and going city-wide?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Wednesday, December 11, 2019 10:39 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Lydia Durand <lydia.durand@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: eNews Taylor Run Stream Restoration Project

Hey Lydia,

Will this be going out city-wide through OCPI?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Wednesday, December 11, 2019 10:20 AM
To: Lydia Durand <lydia.durand@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: eNews Taylor Run Stream Restoration Project

Good Morning Lydia,
Attached is final version of eNews related to public meeting for Taylor Run Stream Restoration Project.

Thanks,
Syed
Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation

703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)
Date: Friday, December 6, 2019 2:53:00 PM

Jesse,

It doesn't look like the RPA buffers are affected by this info and those tribs may have been identified in the earlier exercise. How can we check to make sure this information isn't "new"?

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Friday, December 6, 2019 2:51 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Syed et al.,

After our call yesterday, Jenni and I were wondering if the City wants us to hold off on requesting an agency meeting until you are all comfortable with the stream designations for the two intermittent channels which were identified within the Study Area?

Ultimately the agencies make the final determination, but Jenni wants the mapping and data we present to the agencies for this meeting to reflect stream types with which we are all in agreement.

For now we will hold off on sending the pre-application meeting request to the City for signature until we get a response back from you. We don't want to jump the gun if you want more information on those two intermittent channels.

Please let me (and Jenni) know how you want us to proceed.

Have a great weekend!

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Thursday, December 05, 2019 10:27 AM

To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report)

Importance: High

Thanks for the heads up Bob.

Syed et al.,

Please see the attached Wetland Delineation Report which is Attachment B of the Wildlife Management and Mitigation Report (Appendix C of the 40% Design Submittal, Project Manual submitted 11/25/219).

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Bob Williams <Bob.Williams@alexandriava.gov>

Sent: Wednesday, December 04, 2019 9:57 PM

To: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: Re: Taylor Run Stream Restoration- Project Updates (Agenda)

Thanks Sarah. I will be unable to be on the call tomorrow due to a training commitment. Please feel free to email me with any questions or needs that you have of me.

Bob Williams, CPRP

Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Napier, Sarah J <sarah.j.napier@aecom.com>

Sent: Wednesday, December 4, 2019 6:21 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Friday, November 15, 2019 1:51 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>

Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Syed et al.,

Please see the attached meeting minutes from yesterday's bi-weekly call.

Please note that our GIS analyst is scheduled to finish up the wetland delineation plan sheet next week, so the agencies will be contacted next week to schedule the pre-application meeting for around the second week of December (after the 40% has been reviewed by the City).

From yesterday's meeting there are a few critical action items for which we need your assistance:

1. Please talk to Bob to see if he's had communication with the Rec Center regarding the upcoming project. And if so, what has been discussed and have they been approached regarding the use of their access drive and/or parking lot for a construction entrance?
2. Please coordinate with Suzanne (City Sanitary) and/or City GIS as needed to determine the appropriate structure number for the manhole behind the pile wall.
3. Please get City input and determine if the existing north foot bridge need to be replaced with an engineered solution or if it can just be replaced in kind by the contractor to match existing.
4. Please help us to nail down the desired signage post-construction:
 - a. Do away with existing historical signage along the trail,
 - b. Remove and reinstate existing historical signage,
 - c. Add new educational signage (if yes, what content is desired), or

d. Provide new historical signage to match new educational signage.

Please let me know if you need any clarification or have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, November 14, 2019 2:31 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Sorry all. Forgot to hit send on the meeting minutes and agenda.

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, October 16, 2019 7:34 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, October 02, 2019 5:18 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, September 18, 2019 7:36 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>
Subject: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE
Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876
T 1-301-820-3000 F 1-301-820-3009
www.aecom.com

From: [Bob Williams](#)
To: [Rod Simmons](#); [Mary Farrah](#)
Subject: Taylor Run 40% comments needed
Date: Tuesday, December 17, 2019 8:43:35 PM

 [Taylor Run Stream Restoration](#)

Rod and Mary,

The link above is to the files pertaining to the Taylor Run proposed project. They have asked us to review and provide comment. Per usual, please prepare and submit your comments to me, so that I can submit our consolidated response. The plans should include the wetlands, as well as a wildlife mitigation plan. If you have any problems finding this information, please let me know. They are large files, and may take some time to load.

I would like to submit comments by the end of the month if possible. If you have any delay due to the holiday schedule, please let me know so that I can make arrangements. I appreciate your support and feedback on this process.

Bob Williams, CPRP

Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: [Rod Simmons](#)
To: [Bob Williams](#); [Mary Farrah](#)
Subject: Re: Taylor Run 40% comments needed
Date: Tuesday, December 17, 2019 11:47:22 PM

I'll make this a priority for the last couple weeks of this month.

Thanks,

Rod

From: Bob Williams <Bob.Williams@alexandriava.gov>
Sent: Tuesday, December 17, 2019 8:43 PM
To: Rod Simmons <Rod.Simmons@alexandriava.gov>; Mary Farrah <Mary.Farrah@alexandriava.gov>
Subject: Taylor Run 40% comments needed

 [Taylor Run Stream Restoration](#)

Rod and Mary,

The link above is to the files pertaining to the Taylor Run proposed project. They have asked us to review and provide comment. Per usual, please prepare and submit your comments to me, so that I can submit our consolidated response. The plans should include the wetlands, as well as a wildlife mitigation plan. If you have any problems finding this information, please let me know. They are large files, and may take some time to load.

I would like to submit comments by the end of the month if possible. If you have any delay due to the holiday schedule, please let me know so that I can make arrangements. I appreciate your support and feedback on this process.

Bob Williams, CPRP
Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#)
Subject: RE: Taylor Run Public Information Meeting - Presentation Materials
Date: Monday, December 23, 2019 6:47:03 PM

Syed,

The presentation we used for Strawberry Run is in [\\dpi\sharedspace\Stream Assessment Phase III\Strawberry Run Restoration](#)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, December 20, 2019 4:36 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run Public Information Meeting - Presentation Materials

Brain,

Please send me latest template/material for presentation, which we will be using for Public information meeting on Jan 16th.

Thanks,

Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#)
Subject: RE: Taylor Run 40% Submission - City Comments
Date: Monday, January 6, 2020 3:09:55 PM

Syed,

I recall some discussion about this during our progress meetings. I think there would be no objection as long as we show the sanitary group details that make it into the plan set of the **proposed manhole installation**, **coupling of the gap** between pipes where the manhole is removed, and proposed **bypass**.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, December 20, 2019 4:13 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run 40% Submission - City Comments

Hi Brian, URS/WSSI are working to submit proposal "Sewer mod" for additional work related to relocation of Sanitary MH. This manhole is behind sheet pile wall and with new design wall be eliminated. Manhole will be relocated at least 45 feet downstream, see attached. No cost information and haven't shared details with Sanitary group.

Thanks and Happy Holidays!

Syed

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Friday, December 20, 2019 3:40 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run 40% Submission - City Comments

Syed,

Can you share with me the details of the so-called "sewer mod"? Is there an associated cost? Has the Sanitary group signed off on the mod?

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, December 19, 2019 2:11 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run 40% Submission - City Comments

Yes, she sent out agenda last week and also received comments response.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, December 19, 2019 2:08 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: Taylor Run 40% Submission - City Comments

Hey Syed,

Did you receive any materials in advance of today's Teams meeting?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, December 06, 2019 5:49 PM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: Taylor Run 40% Submission - City Comments

Hi Sarah,

Attached are the combined City comments related to the 40% Design submission. We haven't received comments from the RPCA team (Bob Williams) and I will share with you once received.

Thanks and have a nice weekend,
Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Sarah Godfrey](#); [Jesse Maines](#)
Cc: [William Skrabak](#)
Subject: RE: Media Inquiry re: Stream Restoration
Date: Wednesday, January 8, 2020 3:40:48 PM

Sarah,

Yes, it is an easy number to come up with. It is Zero. The first and last stream restoration project the city completed was Strawberry Run, north of Duke Street, completed in 2010. Nothing since.

There was one other restoration project in Alexandria, but it was completed by a private land owner on private property.

However, we are currently in design on three additional stream restoration projects. Construction on the first of them will begin this fall. The others will follow, each in successive years.

Total capital expense: \$8.2M (\$3.7M in grants)

Lucky Run: \$1.9M w/\$668k VDEQ SLAF grant

Strawberry Run: \$1.8M w/\$800k VDEQ SLAF grant

Taylor Run: \$4.5M w/\$2.25M VDEQ SLAF grant

Hope that helps!

BTW, we are almost finished with some fact sheets on these projects. We'll be ready to share these with everyone in a couple weeks.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>

Sent: Wednesday, January 8, 2020 3:15 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: William Skrabak <William.Skrabak@alexandriava.gov>

Subject: Fw: Media Inquiry re: Stream Restoration

Importance: High

Hi, I'll give him a call and see exactly what he's working on, but is this an easy number to come up with? Thanks!

From: Craig Fifer <Craig.Fifer@alexandriava.gov>
Sent: Wednesday, January 8, 2020 3:07:32 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Andrea Blackford <Andrea.Blackford@alexandriava.gov>
Subject: Media Inquiry re: Stream Restoration

Sarah-

Tony Olivo with the Washington Post would like to know how many stream restoration projects the City has done since 2010. He'd love an answer today, but tomorrow is okay. Can you help?

202-290-6028
antonio.olivo@washpost.com

-Craig

Craig T. Fifer, MPA
Director
Office of Communications & Public Information
City of Alexandria, Virginia
703.746.3965 (direct)
703.505.9668 (mobile)
www.alexandriava.gov
Connect with the City of Alexandria :: alexandriava.gov/SocialMedia

From: [Brian Rahal](#)
To: [Jesse Maines](#); [Melanie Mason](#)
Subject: FW: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)
Date: Wednesday, January 8, 2020 3:47:00 PM

OK, so what's the deal-i-o? What's the response to AECOM?

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Wednesday, January 8, 2020 3:30 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Brian,

We are still waiting for a response on our inquiry below. Any additional clarification is welcomed, so we can make sure we address your concerns.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

PLEASE NOTE THAT EFFECTIVE JAN 9, 2020, MY DIRECT PHONE NUMBER WILL BE 301-944-2412.

From: Napier, Sarah J
Sent: Sunday, December 22, 2019 4:05 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Brian,

I've talked to Jenni, Mary, and Brandon internally and just wanted to make sure that we fully understand the City's request and expectations, so we need a little clarification. During our bi-weekly call on 12/19/19, two past projects were suggested as examples of URS using the NCSAM. From my discussion with Brandon (copied here), he did not do the NCSAM for the N. Bearegard St project, and neither did Ron Johnson (URS) on the Vulcan project. Ron did the North Carolina "Methodology for Identification of Intermittent and Perennial Streams and Their Origins" for the Vulcan project. Brandon was also curious if you just wanted NCSAM used or the North Carolina Wetland Assessment Method (NCWAM) as well and further wanted me to verify that you did not want the ID of Stream Method used.

As soon as we nail down exactly what the City wants us to provide, we will give you an idea of the cost and schedule for these additional services.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, December 16, 2019 11:33 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Syed,

We've had some internal discussion over the past week regarding the wetlands delineation report. In the interest of consistent application of stream assessments in the City, we request that AECOM use the North Carolina Stream Assessment Method (NCSAM) for all tributaries identified as part of the wetlands delineation for Taylor Run. They will need to provide a revised wetland delineation report that includes these elements, with stream assessment documentation in the appendix. Also, the wetlands will expand the delineated RPA which should also be discussed in the report and reflected in the plans & WQIA.

We realize this may have some impact on schedule and budget, however, we anticipate continued interest and scrutiny from the public on how the City manages its natural resources. We believe it is in the best interest of the project to take these extra steps that will have an appreciable impact on its success.

If you have any questions, please contact me.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Monday, December 9, 2019 7:42 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Melanie Mason <melanie.mason@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Jesse,

Thanks for the quick reply. We look forward to hearing from you soon.

Jenni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, December 6, 2019 3:27 PM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Melanie Mason <melanie.mason@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Hey Sarah,

Brian and I discussed this a bit. Let us have an internal discussion with our Principal Planner that will be reviewing the WQIA as well. We'll get back to you first thing next week.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Friday, December 06, 2019 2:51 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Syed et al.,

After our call yesterday, Jenni and I were wondering if the City wants us to hold off on requesting an agency meeting until you are all comfortable with the stream designations for the two intermittent channels which were identified within the Study Area?

Ultimately the agencies make the final determination, but Jenni wants the mapping and data we present to the agencies for this meeting to reflect stream types with which we are all in agreement.

For now we will hold off on sending the pre-application meeting request to the City for signature until we get a response back from you. We don't want to jump the gun if you want more information on those two intermittent channels.

Please let me (and Jenni) know how you want us to proceed.

Have a great weekend!

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, December 05, 2019 10:27 AM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report)
Importance: High

Thanks for the heads up Bob.

Syed et al.,

Please see the attached Wetland Delineation Report which is Attachment B of the Wildlife Management and Mitigation Report (Appendix C of the 40% Design Submittal, Project Manual submitted 11/25/219).

Please let me know if you have any questions.

Thanks,
Sarah

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Subject: Re: Taylor Run Stream Restoration- Project Updates (Agenda)

Thanks Sarah. I will be unable to be on the call tomorrow due to a training commitment. Please feel free to email me with any questions or needs that you have of me.

Bob Williams, CPRP

Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

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Office: 703.746.4688

Mobile: 571.289.9429

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Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached agenda for tomorrow's bi-weekly call.

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Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Syed et al.,

Please see the attached meeting minutes from yesterday's bi-weekly call.

Please note that our GIS analyst is scheduled to finish up the wetland delineation plan sheet next week, so the agencies will be contacted next week to schedule the pre-application meeting for around the second week of December (after the 40% has been reviewed by the City).

From yesterday's meeting there are a few critical action items for which we need your assistance:

1. Please talk to Bob to see if he's had communication with the Rec Center regarding the upcoming project. And if so, what has been discussed and have they been approached regarding the use of their access drive and/or parking lot for a construction entrance?
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 - b. Remove and reinstate existing historical signage,
 - c. Add new educational signage (if yes, what content is desired), or
 - d. Provide new historical signage to match new educational signage.

Please let me know if you need any clarification or have any questions.

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Sarah

Sarah J. Napier, PE

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<mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Sorry all. Forgot to hit send on the meeting minutes and agenda.

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, October 16, 2019 7:34 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

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Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

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Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, October 02, 2019 5:18 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, September 18, 2019 7:36 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>

Subject: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-820-3000 F 1-301-820-3009

www.aecom.com

From: [Jesse Maines](#)
To: [Napier, Sarah J](#); [Brian Rahal](#); [Syed Imran](#)
Cc: [Melanie Mason](#); [Slacum, Jennifer](#); [Bob Williams](#); [Alderman, Brandon](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)
Date: Wednesday, January 8, 2020 5:35:27 PM

Hey Sarah,

I think the acronym was just different. Ron used the appropriate protocol on the Vulcan project. That would be consistent with what we'd like to apply here as well.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Wednesday, January 08, 2020 4:12 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran Syed.Imran@alexandriava.gov
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Great. Just wanted to make sure it hadn't gotten lost as we don't want to let things slip too long and impact the project schedule.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

PLEASE NOTE THAT EFFECTIVE JAN 9, 2020, MY DIRECT PHONE NUMBER WILL BE 301-944-2412.

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Wednesday, January 08, 2020 3:49 PM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Sarah,

We have yet to discuss internally, due to the holidays. Sorry for the delay. We should have a response out in a few more days.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Napier, Sarah J <sarah.j.napier@aecom.com>

Sent: Wednesday, January 8, 2020 3:30 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Brian,

We are still waiting for a response on our inquiry below. Any additional clarification is welcomed, so we can make sure we address your concerns.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

PLEASE NOTE THAT EFFECTIVE JAN 9, 2020, MY DIRECT PHONE NUMBER WILL BE 301-944-2412.

From: Napier, Sarah J

Sent: Sunday, December 22, 2019 4:05 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Alderman, Brandon <brandon.alderman@aecom.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Brian,

I've talked to Jenni, Mary, and Brandon internally and just wanted to make sure that we fully understand the City's request and expectations, so we need a little clarification. During our bi-weekly call on 12/19/19, two past projects were suggested as examples of URS using the NCSAM. From my discussion with Brandon (copied here), he did not do the NCSAM for the N. Beauregard St project, and neither did Ron Johnson (URS) on the Vulcan project. Ron did the North Carolina "Methodology for Identification of Intermittent and Perennial Streams and Their Origins" for the Vulcan project. Brandon was also curious if you just wanted NCSAM used or the North Carolina Wetland Assessment Method (NCWAM) as well and further wanted me to verify that you did not want the ID of Stream Method used.

As soon as we nail down exactly what the City wants us to provide, we will give you an idea of the cost and schedule for these additional services.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, December 16, 2019 11:33 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Melanie Mason <melanie.mason@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Syed,

We've had some internal discussion over the past week regarding the wetlands delineation report. In the interest of consistent application of stream assessments in the City, we request that AECOM use the North Carolina Stream Assessment Method (NCSAM) for all tributaries identified as part of the wetlands delineation for Taylor Run. They will need to provide a revised wetland delineation report that includes these elements, with stream assessment documentation in the appendix. Also, the wetlands will expand the delineated RPA which should also be discussed in the report and reflected in the plans & WQIA.

We realize this may have some impact on schedule and budget, however, we anticipate continued interest and scrutiny from the public on how the City manages its natural resources. We believe it is in the best interest of the project to take these extra steps that will have an appreciable impact on its success.

If you have any questions, please contact me.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://www.cityofalexandriava.gov)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Sent: Monday, December 9, 2019 7:42 AM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;
Bob Williams <Bob.Williams@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>;
Staley, Nathan <nstaley@wetlands.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Melanie
Mason <melanie.mason@alexandriava.gov>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report follow-up)

Jesse,

Thanks for the quick reply. We look forward to hearing from you soon.

Jenni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Friday, December 6, 2019 3:27 PM

To: Napier, Sarah J <sarah.j.napier@aecom.com>; Bob Williams <Bob.Williams@alexandriava.gov>;
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Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Melanie
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Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

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Please let me (and Jenni) know how you want us to proceed.

Have a great weekend!

Thanks,
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Subject: RE: Taylor Run Stream Restoration- Project Updates (Wetland Delineation Report)
Importance: High

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Subject: Re: Taylor Run Stream Restoration- Project Updates (Agenda)

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Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

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Please see the attached meeting minutes from yesterday's bi-weekly call.

Please note that our GIS analyst is scheduled to finish up the wetland delineation plan sheet next week, so the agencies will be contacted next week to schedule the pre-application meeting for around the second week of December (after the 40% has been reviewed by the City).

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Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Sorry all. Forgot to hit send on the meeting minutes and agenda.

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, October 16, 2019 7:34 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>

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Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, October 02, 2019 5:18 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

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D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, September 18, 2019 7:36 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>

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Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-820-3000 F 1-301-820-3009

www.aecom.com

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run Public Meeting - Draft Presentation
Date: Monday, January 13, 2020 1:58:00 PM
Attachments: [image001.png](#)

That sounds about right. That's a lot of tag-teaming, though.

TES
WSSI
TES
WSSI
DPI

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

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To: Brian Rahal <Brian.Rahal@alexandriava.gov>
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Do you want me to do 1-4 on the agenda and then you do numbers 9-11?

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Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

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Sent: Monday, January 13, 2020 10:56 AM
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Brian/Jesse,

Below is the preliminary outline for Public information meeting. Please review and make necessary changes or let me know if you have any comments.

Updated link: https://alexandriava1.sharepoint.com/:f/s/dpiexternal/Ely95AxNazZJtINVSH1lfkoBSs6OS6rOAY00o5_YouEljQ?email=Syed.Imran%40alexandriava.gov&e=cy62HC

Thanks,

Syed

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Presentation – 30 minutes (7:30 – 8:00)
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Thanks,
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Nathan A. Staley, Senior Associate Engineer
[Wetland Studies and Solutions, Inc.](http://WetlandStudiesandSolutions.com)
Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208

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sarah.j.napier@aecom.com

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Sent: Monday, December 30, 2019 3:04 PM
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Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

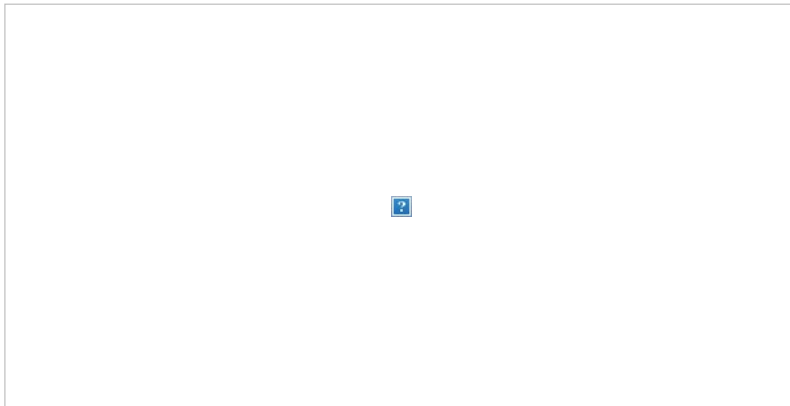
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Happy New Year!
Syed

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Subject: RE: Taylor Run Public Meeting - Draft Presentation

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Sarah

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D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

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Sent: Monday, December 30, 2019 11:32 AM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>; Chapla, Alex <ACHapla@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
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Let me know if you have any questions.

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Thank you!

Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run Public Meeting - Draft Presentation
Date: Monday, January 13, 2020 3:43:00 PM
Attachments: [image001.png](#)

Sure.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, January 13, 2020 3:03 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Then maybe you just take it through slide 10 and hand off to WSSI, with Syed on the last 3. You okay with that?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, January 13, 2020 1:59 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
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TES
WSSI
TES
WSSI
DPI

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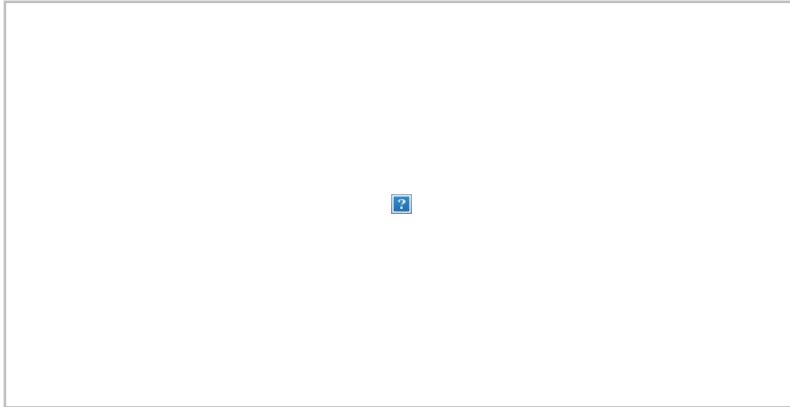
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Subject: RE: Taylor Run Public Meeting - Draft Presentation
Date: Monday, January 13, 2020 3:57:00 PM
Attachments: [image001.png](#)

I just talked to him about the flow and presenters bouncing around. He's trying to streamline (haha) the flow (haha).

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
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Syed,

Looks like you've changed the slides around. Based on the current slides, some suggestions for flow and to keep from handing back and forth.

Brian will take it from the beginning through slide 10. Need a slide after 9 about the Phase III Stream Assessment (b/t slides 9 and 10). Set up the work to identify the locations.

WSSI picks up at 11 through 20. (15 and 16 are just before and after pics in the City, like the others that WSSI have provided.) Syed, you take 21-26.

The 'Feasibility' slide seems out of place. What is that beside access? IF it's just 'access', which I think it is, then move it to after 22 and Syed covers.

Thanks,

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Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Good morning Sarah,
I was wondering if you get chance to review presentation content and updated anything? We need to finalize for internal review and prep for public meeting.

Thanks,

Syed

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Monday, December 30, 2019 3:42 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Chapla, Alex <ACHapla@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Received.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, December 30, 2019 3:04 PM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>; Chapla, Alex <ACHapla@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

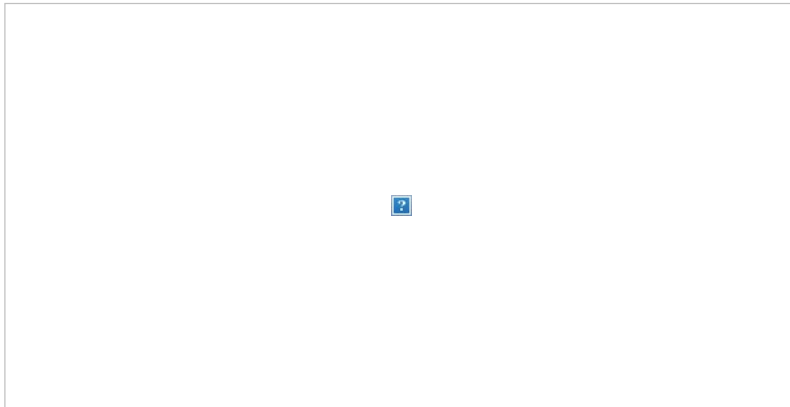
Hi Sarah,
Thanks, please check again because I updated permissions.

Happy New Year!
Syed

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Sent: Monday, December 30, 2019 2:41 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Chapla, Alex <ACHapla@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Syed,

I'm not seeing any files available for download using the link you shared.



Also, I think with the holiday on Wednesday that I'll cancel this week's call and follow-up with the team as needed on Monday.

Happy New Year!

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, December 30, 2019 11:32 AM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>; Chapla, Alex <ACHapla@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: Taylor Run Public Meeting - Draft Presentation

Sarah et al,

Below is the link to draft slides for Public Information meeting – Please review and provide your feedback. Feel free to add any recent pictures and update slides 17 thru 21 with project example completed by WSSI/URS.
Let me know if you have any questions.

<https://alexandriava1.sharepoint.com/:f/r/sites/dpiexternal/Shared%20Documents/Taylor%20Run%20Project%2040%25%20Submission/Draft%20Presentation?csf=1&e=shWzgk>

Thank you!
Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#)
Subject: RE: Taylor Run Public Meeting - Draft Presentation
Date: Wednesday, January 15, 2020 5:16:14 PM
Attachments: [image001.jpg](#)
[image002.png](#)

Syed,

I think we should take out #9. Too much in the weeds (pointy-headed).

Yes, the phasing of the stream restorations is the one we wanted in there. I think this slide (#10) should have the title WHY TAYLOR RUN? Then go into the phases.

Hope that helps. Talk more tomorrow. I'll be tied up until about noon with the Army Corps coming to visit.

Brian Rahal, P.E., CFM

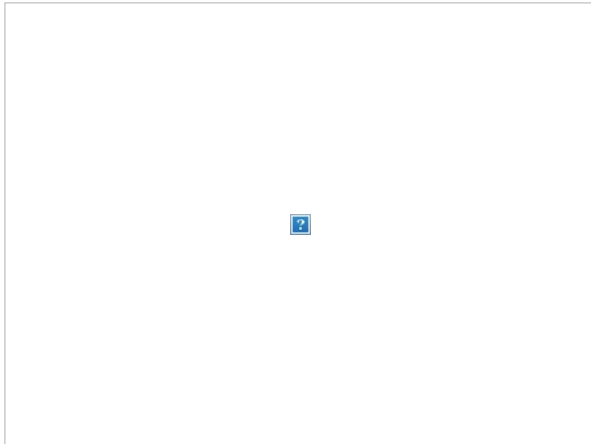
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Wednesday, January 15, 2020 8:40 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Good morning,

Is this the slide Jesse asked to add for Ph III stream assessment?

Thanks,
Syed



From: Syed Imran
Sent: Monday, January 13, 2020 5:07 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Jesse,

Thanks for your feedback and I will make these changes. Also do we need more slides about construction entrance, materials, equipment, planting and other details like Wood presented (See attached slides) in Strawberry Run meeting? Or just stick with this general version? If yes, I can ask WSSI to add more slides.

Thanks again,

Syed

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Monday, January 13, 2020 3:56 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Syed,

Looks like you've changed the slides around. Based on the current slides, some suggestions for flow and to keep from handing back and forth.

Brian will take it from the beginning through slide 10. Need a slide after 9 about the **Phase III Stream Assessment (b/t slides 9 and 10)**. Set up the work to identify the locations.

WSSI picks up at 11 through 20. (15 and 16 are just before and after pics in the City, like the others that WSSI have provided.) Syed, you take 21-26.

The 'Feasibility' slide seems out of place. What is that beside access? If it's just 'access', which I think it is, then move it to after 22 and Syed covers.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, January 13, 2020 10:56 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Taylor Run Public Meeting - Draft Presentation

Brian/Jesse,

Below is the preliminary outline for Public information meeting. Please review and make necessary changes or let me know if you have any comments.
Updated link: https://alexandriava1.sharepoint.com/:f/s/dpiexternal/Ely95AxNazZJtINVSH1fk0BSs6OS6rOAYQ0o5_YouEjQ?email=Syed.Imran%40alexandriava.gov&e=cv62HC

Thanks,

Syed

Schedule

Preparation– 30 minutes (7:00 – 7:30)
Presentation – 30 minutes (7:30 – 8:00)
Q&A and Discussion – 20 minutes or as long as needed (7:40 – TBD)

Presentation Outline

1. Intro and Project Team (Jesse or Brain)
2. Stream Restoration Program (Jesse or Brain)
3. Chesapeake Bay TMDL (Jesse or Brain)
4. Chesapeake Bay TMDL Cleanup Mandates (Jesse or Brain)
5. Benefits (WSSI)
6. What makes a stream healthy? (WSSI)
7. Stream Pyramid (WSSI)
8. Natural Channel Design (WSSI)
9. Taylor Run (Brain/Jesse)
 - a. Project limits (including neighboring private properties)
 - b. Why were they selected? (include photos)
10. Feasibility (Brain/Jesse)
11. **Strawberry Run (Brain/Jesse)??**
12. Sample Projects and Photos (WSSI)
13. Taylor Run Status and What to Expect (Syed)
 - a. Hauling Route
 - b. Construction Access and Staging area

c. Noise

d. Project Timing

14. Thanks and City Contact information (Jesse/Brain)

15. Q&A and Discussion <All>

From: Syed Imran
Sent: Thursday, January 9, 2020 2:00 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Taylor Run Public Meeting - Draft Presentation

Brian/Jesse,
Here is link to latest version of presentation after WSSI updated some slides. Please review and let me know if you have any comments.

<https://alexandriava1.sharepoint.com/:f:/s/dpiexternal/Fly95AxNaz7iINVSH1lfkoBoSml03gPqQoyVBXWQydnYA?e=5v56yk>

Thanks,

Syed

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Thursday, January 9, 2020 12:24 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Syed,

I made some edits and added in our existing conditions photos and project examples. Please use the following FTP link to download the revised PPT.
<https://file.ac/21euCO1oZvDz026LPA1xOO/>

I'll check back with you early next week regarding which slides you expect our team to handle.

Thanks,
Nathan

Nathan A. Staley, Senior Associate Engineer
[Wetland Studies and Solutions, Inc.](http://WetlandStudiesandSolutions.com)
Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208

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To: Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <NStaley@wetlands.com>; Chapla, Alex <AChapla@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
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Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

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Thanks,
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Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

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Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Public Meeting - Draft Presentation

Syed,

I'm not seeing any files available for download using the link you shared.

cid:image001.png@01D5CA32.A8E875C0



Also, I think with the holiday on Wednesday that I'll cancel this week's call and follow-up with the team as needed on Monday.

Happy New Year!

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

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Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
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Sarah et al,
Below is the link to draft slides for Public Information meeting – Please review and provide your feedback. Feel free to add any recent pictures and update slides 17 thru 21 with project example completed by WSSI/URS.
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Thank you!
Syed

Syed Imran

Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: Accepted: Taylor Run Room for Conf Call

From: [Jesse Maines](#)
To: [Bob Williams](#)
Cc: [William Skrabak](#); [Brian Rahal](#); [Syed Imran](#)
Subject: RE: [VNPS Potowmack] [armn] TONIGHT: important meeting on the Taylor Run Stream Restoration project at Chinquapin Park
Date: Friday, January 17, 2020 1:37:04 PM

Bob,

Please find attached the email chain that was provided last night via hardcopy.

I will follow up with FBCA to see if they need any more info in addition to what Archie may provide after attending the meeting.

Thanks,

Jesse Maines, MPA, PMP

Division Chief
T&ES, Stormwater Management
City of Alexandria, VA
703.746.6499 (main)
703.746.4643 (direct)
571.414.8237 (mobile)

From: Sam Moneyhun
Sent: Thursday, January 16, 2020 1:43 PM
To: FBC <fbc@fbcalexandria.org>; Don Davidson <Don@fbcalexandria.org>
Cc: Archie Doering <archie@fbcalexandria.org>
Subject: RE: [VNPS Potowmack] [armn] TONIGHT: important meeting on the Taylor Run Stream Restoration project at Chinquapin Park

Don –

Archie is attending the meeting tonight. The City of Alexandria approached us with their desire to do the ecological study/restoration and we authorized them to begin. Much more on “agreeing” with the city and less on the “blessing” of the project. No neighbors have approached us with concerns. I don’t recommend we respond to the letter of concern, but perhaps just a thank you to Barbara Farron for providing us the letter.

Thank you.

Sam

Sam Moneyhun
Church Administrator
703-299-3601

From: FBC <fbc@fbcalexandria.org>
Sent: Thursday, January 16, 2020 12:52 PM
To: Don Davidson <Don@fbcalexandria.org>; Sam Moneyhun <sam@fbcalexandria.org>
Subject: Fw: [VNPS Potowmack] [armn] TONIGHT: important meeting on the Taylor Run Stream Restoration project at Chinquapin Park

Hi Don & Sam,

Please see the below email. This information is being circulated on a local neighborhood listserv about the stream area running in between FBCA property and Chinquapin. Not sure how/if you want to address but we could start getting more questions about it.

--Lindsey

From: Barbara Farron <repbarb@gmail.com>
Sent: Thursday, January 16, 2020 12:09 PM
To: FBC <fbc@fbcalexandria.org>
Subject: Fwd: [VNPS Potowmack] [armn] TONIGHT: important meeting on the Taylor Run Stream Restoration project at Chinquapin Park

I'm very concerned that FBC Alexandria is mentioned in the following message in a negative way. I believe God expects us to be good stewards of His creation. Please read and pray about this issue. Thank you.

----- Forwarded Message -----

Subject:[VNPS Potowmack] [armn] TONIGHT: important meeting on the Taylor Run Stream Restoration project at Chinquapin Park

Date:Thu, 16 Jan 2020 11:51:11 -0500
From:Lori Bowes <loribowes@gmail.com>
To:potowmack@vnps.groups.io

Begin forwarded message:

From: Kasha Helget <Kasha.Helget@outlook.com>
Date: January 16, 2020 at 11:30:09 AM EST
To: Arlington Regional Master Naturalists <armn@googlegroups.com>
Subject: [armn] TONIGHT: important meeting on the Taylor Run Stream Restoration project at Chinquapin Park
Reply-To: kasha.helget@outlook.com

Hello Fellow ARMN members,

I just got this from a neighbor but it looks like an important meeting that will address a lot of details about this somewhat controversial stream restoration project. If you can attend, please do! Also, please share it with others who may also be interested in this project.

-- Kasha

On Thursday, January 16, 2020 the City of Alexandria is hosting a [community meeting](#) to provide information on the Taylor Run Stream Restoration project at Chinquapin Park. The voices for conservation and restraint really need to be heard here. This is the most ecologically valuable stretch of stream valley in Alexandria facing imminent threat of destruction, including irreplaceable rare species, a rare, large wetland, and many huge, old-age canopy trees. The many of you who have walked this trail know exactly what I describe.

In my opinion, the threats proposed by this project to the loss of native tree canopy and Alexandria's irreplaceable natural resources and landscape are far more important and urgently needed than the positive-outcome conservation advocacy Tree Stewards accomplished last Friday at Fort Ward Park. No comparison at all intended between these two important conservation situations, but the Taylor Run project at Chinquapin Park and First Baptist Church lands has snuck in under the radar and will simply devastate the stream valley - and it has far less advocates in its defense.

I am not being alarmist when I say that protection and preservation of these forested parcels, wetlands (many small, rare seepage wetlands along the south side of Taylor Run on First Baptist Church lands), rare species, and old-age native canopy trees simply cannot be accomplished IF the project goes through. Similar to the Hollin Hills (Fairfax) and Donaldson Run and Gulf Branch (Arlington) sites, the only way to effectively preserve these features is to not encroach upon them at all and to very selectively and surgically access stream sections where these features do not exist. A challenge for sure, but doable if the preservation of natural resources and Do No Harm are the overarching goals - as we saw on the Virginia Native Plant Society Piedmont Chapter field trip at NPS's Arlington Woods site on Sunday.

The following cliched boilerplate from the below announcement is erroneous, unsupported by science, and misapplied: "This proposed restoration work [Taylor Run Stream Restoration project] will use natural channel restoration techniques to significantly reduce the sediment build-up downstream, mitigate further erosion, improve aesthetics, encourage native plant growth, improve stream ecology, and improve water quality." The statements: "improve aesthetics, encourage native plant growth, improve stream ecology, and improve water quality are especially absurd and misleading.

What will happen if this project proceeds is exactly what Andrew describes below. This section of Taylor Run at Chinquapin Park is already very narrow and cannot accommodate anything like the project T&ES Stormwater Management wishes to construct here. This section of stream valley is also ALL that remains of the natural landscape and vegetation at Chinquapin Park, including the City's last remaining globally rare Acidic Seepage Swamp.

To make matters worse, Stormwater Management has also obtained First Baptist Church's blessing to reconfigure and denude the existing native vegetation and seepage wetlands along Taylor Run on church lands east of Chinquapin Park. Some of these irreplaceable natural features include huge, old-age trees, rare native plants, and acidic seepage wetlands. Walk the trail to see these features!

Most/all of these irreplaceable natural features along the 1,900 linear feet of Taylor Run will be destroyed or critically impacted by this ill-suited proposal, especially because there is virtually no suitable access for construction equipment on account of the steep slopes, narrow width, and thick canopy. None of it can be effectively mitigated, regardless of whatever foolish rhetoric is presented.

It will be another big mistake if this project is allowed to proceed.

For a good accounting on the natural features critically imperiled by this proposal, see "**Conservation Assessment and Natural Resource Management Plan for Chinquapin Park and Forest Park**", the Chinquapin Park description in "**Remnant Natural Areas in Parks, Waterways, and Undeveloped Sites in the City of Alexandria, Virginia: Seminary Hill Area**", and "**Limits of Restoration - 2017 MAIPC-SERMA Conference**" hosted on the City of Alexandria Natural Resource Management webpage at <http://alexandriava.gov/48838>.

These documents contain an abundance of information as to exactly why a "stream restoration project", natural channel techniques or otherwise, is utterly incompatible with natural resource protection and conservation at this site (and in most cases with small order, interior forested streams and wetlands). Feel free to use and cite this information freely.

You will find that Stormwater Management and its consultants at the public hearing will have few to no substantive answers

to offer, other than the inane "we are working with Natural Resources Division to ensure environmental protection..." As I frequently remind folks, the role us ecologists play with these projects is undertaker, not healer - we can't raise life from the dead, we can only try and make the body look good in the coffin, so to speak. This is all made worse by the fact that the decision to "reupholster" the stream valley has already been made, with funding attained and consultants hired.

This project is still at the 40% planning stage, so there is hope that citizen input can bring rational sense to this project.

In the words of one Alexandria conservationist and natural resources technician: "Is the Taylor Run hearing tomorrow? When and where? I'd like to know what's going on. My instinct is reupholstering Taylor run would be a big mistake. The city just protected the sewer crossing last year. I'm not aware of any danger of cave-ins along King Street. I regard last year's slump on the other side of Taylor run as a good thing. Nobody was hurt and it won't happen again any time soon. I can't believe that the the avoided sediment would be worth the cash, disturbed soil, invasives, killed trees, etc.

--

You received this message because you are subscribed to the Google Groups "Arlington Regional Master Naturalists" group.

To unsubscribe from this group and stop receiving emails from it, send an email to armn+unsubscribe@googlegroups.com.

To view this discussion on the web visit

<https://groups.google.com/d/msgid/armn/SN6PR08MB5056FB05ECOC11188D779CEA95360%40SN6PR08MB5056.namprd08.prod.outlook.com>.

Groups.io Links:

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Website: <https://vnps.org/potowmack> | Facebook: <https://www.facebook.com/vnpspot/>

[Your Subscription](#) | [Contact Group Owner](#) | [Unsubscribe \[repbarb@gmail.com\]](#)

From: [Rod Simmons](#)
To: [Bob Williams](#)
Cc: [Mary Farrah](#)
Subject: RHS review comments of Taylor Run Stream Restoration 40% plans
Date: Monday, January 20, 2020 7:17:00 PM
Attachments: [RHS review of Taylor Run 40% plans.docx](#)
[RHS review of Taylor Run 40% plans.pdf](#)
[Some thoughts on evaluating stream restoration projects.pdf](#)
[Some notes on the limits of restoration in relation to modern stream restoration practices.pdf](#)

Hi Bob,

Attached is a Word doc of my review comments of Taylor Run Stream Restoration 40% plans, as well as a PDF of same.

Please feel free to cut-and-past whatever you need from the Word document.

I have other comments to provide but these are the important ones, and until we get feedback and further material from URS it is pointless going too far with comments. This project involves one of the City's most beloved parks and natural areas and is a virtual minefield of rare and sensitive species, wetlands, old-age trees and forest stands, and other irreplaceable natural features.

As I noted last week, I thought the best way I could even approach an accurate and quality review of this project was through a narrative report (bulleted comments on a spread sheet do not come close to capturing this information). I did not include a "Literature Cited" section in the report, but can add it later on. For the above reason, I also did not include serious concerns such as those raised in the PowerPoint presentation:

[The Limits of Restoration - 2017 MAIPC-SERMA Conference.](#)

The facts speak for themselves – I give no personal bias to the statements in the report, only an underscoring of importance owing to the gravity of what is proposed and what will almost surely be forever lost if such projects are built as planned. I ground everything I do of this sort in good science and a deep understanding of ecological and geohydrological processes.

I have also attached some other documents that might add greater perspective on the general problems with these geomorphic stream projects, natural channel or otherwise, that are impacting small order, interior forested streams throughout the greater D.C. region.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314

office phone: 703.746.4651

mobile phone: 703.930.8972

Rod.Simmons@alexandriava.gov

<http://alexandriava.gov/22560>

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Discuss Approach: Stream Restoration Projects
Date: Tuesday, January 21, 2020 10:28:12 AM

Of course, I'll be teleworking. Will be waiting by my phone for a call at this time.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

-----Original Appointment-----

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, January 21, 2020 10:23 AM
To: Jesse Maines; Brian Rahal; William Skrabak; Yon Lambert
Subject: Discuss Approach: Stream Restoration Projects
When: Thursday, January 23, 2020 10:00 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).
Where: TES PWS Conf Room 114

Yon requested us to talk about the approach given feedback from our last meeting and upcoming Seminary Hill meeting for Taylor Run and Strawberry Run stream restoration projects.

-Jesse

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run meeting photos
Date: Tuesday, January 21, 2020 10:29:00 AM

Where's the photos?

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
City of Alexandria, Virginia
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

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

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, January 21, 2020 10:25 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run meeting photos

Sent a meeting invitation for this Thursday. Thanks for sending over your notes. Will flesh these out based on my recollection, along with addressing what I can before Thursday's meeting.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

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

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Sunday, January 19, 2020 7:08 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run meeting photos

Hi Jesse,

Here are the questions I was jotting down on my phone (sorry, some of them are 'shorthand' and we will need to expand/elaborate).

I mentioned in the other emails I sent this morning (sorry!) that I was usually out at BCD on Thursday mornings and intended to be there this week, too. Would that be time that you, me, Brian and Bill could meet to talk more about this project? We should definitely talk/coordinate before the Seminary Hill meeting and I'll want to make sure to update Emily/Mark, too.

Thanks again,
Yon

Questions:

1- understand the need this project aims to treat symptoms not the problem. Why are we preventing Stormwater

from going into the run?

2- tree loss... what will it be. (We answered "dozens")

3- we are engineering or Disnifying the stream

4- Rod Simmons is concerned

5- impacts to nature trail?

6- opportunities for partnership with girl scouts?

7- resident from Walleston Court. What will be done to Taylor Run close to their house? Why aren't we working on that section?

8- Sections of Taylor Run that are worse. Why are we doing those?

9- when you design a project like this, how do we account for future conditions, climate change, etc? Do you "over build"?

10- feels like this project is about mandate. Isn't there something else we can do - buy a 1,000 acre farm someplace else - that gets us more bang for the buck

11- how do you measure current outflows of phosphorous? Is it ever physically measured or just modeled? Will you be doing physical measurements of stream?

12- what is the benefit in terms of pollution reduction?

13- if you are not doing stream monitoring afterward how do you know you are successful?

14- Doesn't Rod Simmons need to bless it? Isn't there a "go" or "no go"? He is premiere natural resource and conservationist.

15- there have been studies that say these streams do not improve water quality. Rod has shown photos of stream restorations in Alexandria that don't work. (Resident could not provide example.)

16- regenerative strategy is different and benefits can be uneven

17- when will detailed plan be available and when can we see that?

Staff response: Next meeting will be April or May "at 60%" design

Resident: "kinda hard to comment if we can't see design"

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

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Saturday, January 18, 2020 5:54 AM

To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>;

Sarah Godfrey <sarah.godfrey@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: RE: Taylor Run meeting photos

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Having said that, I think it was productive to address these on the spot. But I think we will also be better served to put together a FAQ using these 'questions' that we can post to our webpage and bring to meetings in hardcopy form; and if appropriate send out via eNews and social media. Sorry we weren't able to catch up after the CMO budget meeting. I do want to catch up with you to discuss your notes so we can address via FAQ or otherwise.

I'll ping Jen to set up a meeting with you soon as possible. We are on the Seminary Hill Association agenda for Thursday, Feb 13. My goal is to have the FAQ distributed prior, to bring a hardcopy, and to include some of the appropriate ones in our presentation.

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

703.746.4643 (direct)

571.414.8237 (mobile)

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

From: Yon Lambert <Yon.Lambert@alexandriava.gov>

Sent: Thursday, January 16, 2020 7:53 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>;

Sarah Godfrey <sarah.godfrey@alexandriava.gov>

Subject: Taylor Run meeting photos

Just in case we need to use

Good crowd ~25 attendees plus 10 staff

From: [Rod Simmons](#)
To: [Bob Williams](#)
Cc: [Mary Farrah](#)
Subject: Re: RHS review comments of Taylor Run Stream Restoration 40% plans
Date: Tuesday, January 21, 2020 12:01:09 PM

Slight correction: in Figure 3 it is all the trees at left of photo that are to be cleared, not at right of photo.

Please feel free to make correction in Word doc.

Thanks,

Rod

On Jan 20, 2020, at 7:17 PM, Rod Simmons <Rod.Simmons@alexandriava.gov> wrote:

Hi Bob,

Attached is a Word doc of my review comments of Taylor Run Stream Restoration 40% plans, as well as a PDF of same.

Please feel free to cut-and-past whatever you need from the Word document.

I have other comments to provide but these are the important ones, and until we get feedback and further material from URS it is pointless going too far with comments. This project involves one of the City's most beloved parks and natural areas and is a virtual minefield of rare and sensitive species, wetlands, old-age trees and forest stands, and other irreplaceable natural features.

As I noted last week, I thought the best way I could even approach an accurate and quality review of this project was through a narrative report (bulleted comments on a spread sheet do not come close to capturing this information). I did not include a "Literature Cited" section in the report, but can add it later on. For the above reason, I also did not include serious concerns such as those raised in the PowerPoint presentation:

[The Limits of Restoration - 2017 MAIPC-SERMA Conference.](#)

The facts speak for themselves – I give no personal bias to the statements in the report, only an underscoring of importance owing to the gravity of what is proposed and what will almost surely be forever lost if such projects are built as planned. I ground everything I do of this sort in good science and a deep understanding of ecological and geohydrological processes.

I have also attached some other documents that might add greater perspective on the general problems with these geomorphic stream projects, natural channel or otherwise, that are impacting small order, interior forested streams throughout the

greater D.C. region.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

<RHS review of Taylor Run 40% plans.docx>

<RHS review of Taylor Run 40% plans.pdf>

<Some thoughts on evaluating stream restoration projects.pdf>

<Some notes on the limits of restoration in relation to modern stream restoration practices.pdf>

From: [Bob Williams](#)
To: [Rod Simmons](#)
Cc: [Mary Farrah](#)
Subject: Re: RHS review comments of Taylor Run Stream Restoration 40% plans
Date: Tuesday, January 21, 2020 12:27:53 PM

Will do. Thanks.

Bob Williams, CPRP
Division Chief | Natural Resources
Recreation, Parks, and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688
Mobile: 571.289.9429
Email: Bob.Williams@alexandriava.gov

From: Rod Simmons <Rod.Simmons@alexandriava.gov>
Sent: Tuesday, January 21, 2020 12:01:08 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>
Cc: Mary Farrah <Mary.Farrah@alexandriava.gov>
Subject: Re: RHS review comments of Taylor Run Stream Restoration 40% plans

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Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

<RHS review of Taylor Run 40% plans.docx>

<RHS review of Taylor Run 40% plans.pdf>

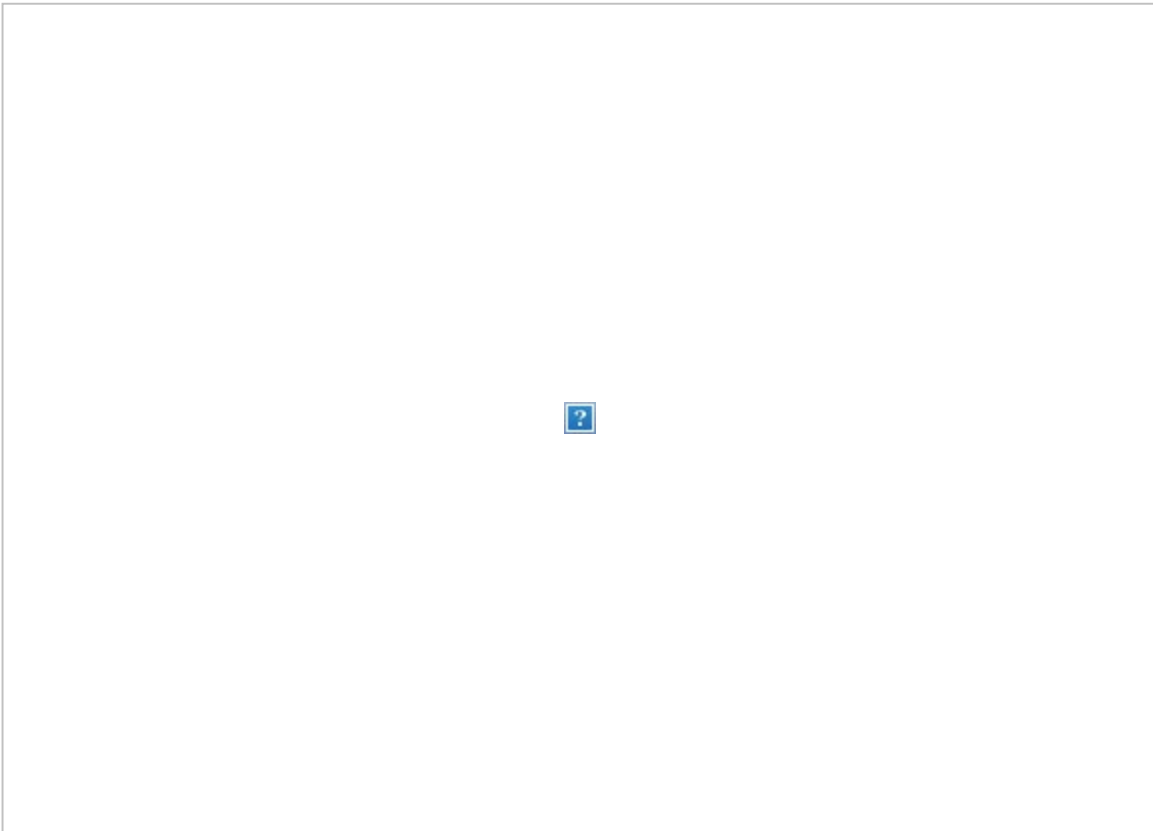
<Some thoughts on evaluating stream restoration projects.pdf>

<Some notes on the limits of restoration in relation to modern stream restoration practices.pdf>

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run meeting photos
Date: Tuesday, January 21, 2020 1:24:00 PM
Attachments: [image003.jpg](#)

7- resident from Walleston Court. What will be done to Taylor Run close to their house? Why aren't we working on that section?

These folks were not able to orient their location with the project location. I suggested that they were located on an unnamed tributary (not Taylor run proper), some distance south and west. That claim was refuted. Here's the map:



The Taylor Run project ends some 1,800-ft north of Janneys Ln. This unnamed tributary was included as a site of interest but was not selected for a project after all potential projects were prioritized.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057

Mobile: 703-408-6919
brian.rahala@alexandriava.gov

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

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, January 21, 2020 10:25 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run meeting photos

Sent a meeting invitation for this Thursday. Thanks for sending over your notes. Will flesh these out based on my recollection, along with addressing what I can before Thursday's meeting.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

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

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Sunday, January 19, 2020 7:08 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run meeting photos

Hi Jesse,

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I mentioned in the other emails I sent this morning (sorry!) that I was usually out at BCD on Thursday mornings and intended to be there this week, too. Would that be time that you, me, Brian and Bill could meet to talk more about this project? We should definitely talk/coordinate before the Seminary Hill meeting and I'll want to make sure to update Emily/Mark, too.

Thanks again,

Yon

Questions:

- 1- understand the need this project aims to treat symptoms not the problem. Why are we preventing Stormwater from going into the run?
- 2- tree loss... what will it be. (We answered "dozens")
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17- when will detailed plan be available and when can we see that?
Staff response: Next meeting will be April or May "at 60%" design
Resident: "kinda hard to comment if we can't see design"

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Sent: Saturday, January 18, 2020 5:54 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
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I'll ping Jen to set up a meeting with you soon as possible. We are on the Seminary Hill Association agenda for Thursday, Feb 13. My goal is to have the FAQ distributed prior, to bring a hardcopy, and to include some of the appropriate ones in our presentation.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

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Sent: Thursday, January 16, 2020 7:53 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Subject: Taylor Run meeting photos

Just in case we need to use
Good crowd ~25 attendees plus 10 staff

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: [EXTERNAL]Taylor Run Educational Signage
Date: Tuesday, January 21, 2020 2:19:00 PM

I suggest using a separate task order. Will have to see about using the current contract as a vehicle, or go RFP, non-professional services. Work will likely be less than \$50k (get 3-submissions). Treat as a separate project and include Ben Brenman. We didn't get SLAF reimbursement for Lake Cook signs. So, could be separated from time-sensitive project.

I could work with Nathan & Dana on the scope, if we go that route.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, January 21, 2020 1:58 PM
To: Staley, Nathan <nstaley@wetlands.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <AChapla@wetlands.com>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Educational Signage

Nathan,

I wanted to respond so this doesn't linger, but have to jump on a call at 2pm. For a quick look, this should be okay and not affect the schedule with respect to the SLAF deadlines. Mainly just need to get the signage up before the overall project is done.

Looped Brian for the group to discuss further.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Tuesday, January 21, 2020 1:11 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: [EXTERNAL]Taylor Run Educational Signage

Good Afternoon Jesse and Syed,

I'm following up on a previous phone conversation between Jesse and I regarding the educational signage for Taylor Run. Jesse, you had expressed the desire for services to be turn-key, if possible. Given the level of uncertainty, I don't know that there is a good way for us to cost out the price for the signage printing and post/pedestal materials until we've engaged City staff and worked through the specifics. For this reason, I am proposing that our scope modification language include the design of high-resolution graphics with additional meetings and coordination time (hourly, not to exceed) to allow for assistance with the City's purchase of signs and post/pedestal materials. Our task would include incorporation of post/pedestal shop drawings into the overall stream restoration plan and additional plan modifications/specifications necessary to incorporate sign installation into the overall construction effort. This will require coordination/decision-making with regard to signage by mid-March in order to allow incorporation of the required information into plan documents without delaying the project schedule.

Please let me know if you think this is a reasonable allocation of scope between City and design team staff. If you or Syed have any concerns or suggested modifications to this approach please let Sarah and I know and we will work to incorporate the changes into our contract modification proposal.

Thanks in advance for the feedback.

Nathan A. Staley, PE | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)
5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019
Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601
nstaley@wetlands.com | www.wetlands.com

Please consider the environment before printing.

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: [EXTERNAL]Taylor Run Educational Signage
Date: Tuesday, January 21, 2020 2:58:00 PM

Part of the scope. Winning submittal respondent installs.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, January 21, 2020 2:58 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Educational Signage

Who installs? Same separate RFP?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, January 21, 2020 2:20 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Educational Signage

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Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
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Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

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To: Staley, Nathan <nstaley@wetlands.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Educational Signage

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Division Chief
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source.**

From: [Brian Rahal](#)
To: [Jesse Majnes](#); [Jessica Lassetter](#); [Rachael Holland](#); [Gavin Pellitter](#)
Subject: Taylor Run 1949
Date: Monday, January 27, 2020 2:03:03 PM
Attachments: [image001.png](#)



Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

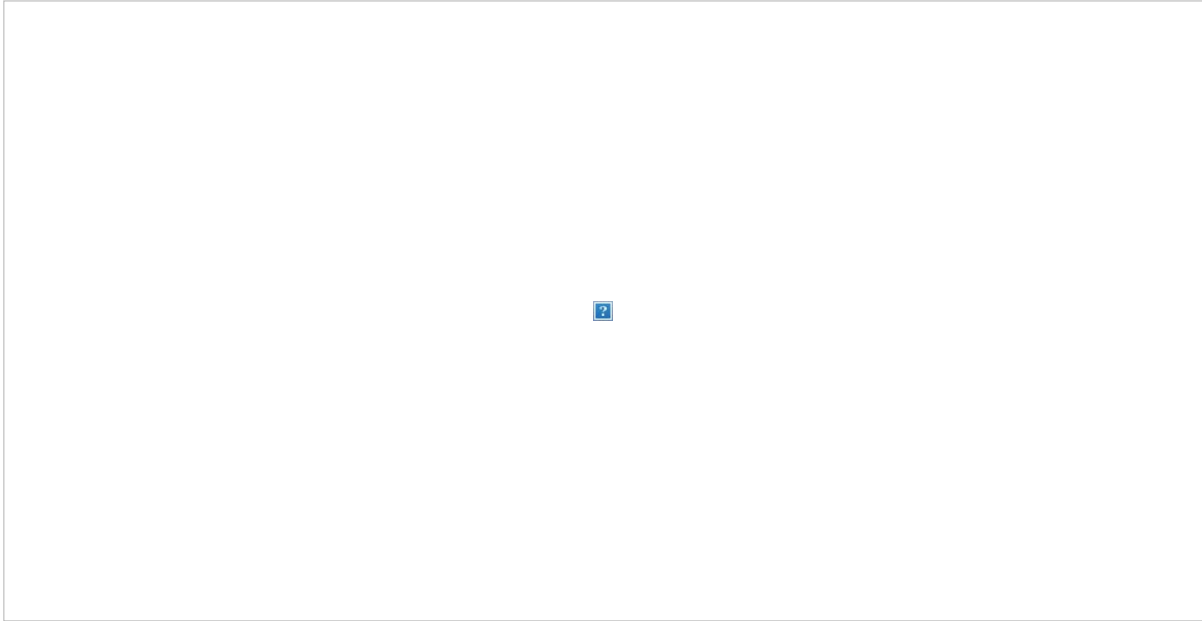
Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#); [Jessica Lassetter](#); [Rachael Holland](#); [Gavin Pellitteri](#)
Subject: RE: Taylor Run 1927
Date: Monday, January 27, 2020 2:10:34 PM
Attachments: [image001.png](#)
[image002.jpg](#)

We have all these and more in GIS:

Development along King St has moved the natural channel location of Taylor Run 80-ft west from its original location in reference to the 1st Baptist culverts. Taylor Run, in its existing channel is not natural.



Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Brian Rahal
Sent: Monday, January 27, 2020 2:03 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Jessica Lassetter <jessica.lassetter@alexandriava.gov>; Rachael Holland <rachael.holland@alexandriava.gov>; 'Gavin Pellitteri (gavin.pellitteri@alexandriava.gov)' <gavin.pellitteri@alexandriava.gov>
Subject: Taylor Run 1949



Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: [Jesse Maines](#)
To: [Staley, Nathan](#)
Cc: [Demond Frazier](#); [Syed Imran](#); [Murphy Ng](#); [Brian Rahal](#); [Bob Williams](#); [Christopher Watson](#)
Subject: FW: RPCA Sign Details
Date: Tuesday, January 28, 2020 10:27:36 AM
Attachments: [DID - Alexandria Sign Type H.pdf](#)
[ATT00001.htm](#)
[Est 671 from Affordable Signs Banners Inc. 1020.pdf](#)
[ATT00002.htm](#)
[IMG_1866.JPG](#)
[ATT00003.htm](#)

Wanted to forward these.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, January 16, 2020 2:54 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Fwd: RPCA Sign Details

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

Begin forwarded message:

From: Dana Wedeles <Dana.Wedeles@alexandriava.gov>
Date: December 26, 2019 at 4:58:10 PM EST
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>, Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: RPCA Sign Details

Great – our “sign type H” is exactly what you need. I’ve attached the standard and also a photo of one installed.

Monica at Affordable Signs and Banners knows the spec very well and can help. The last time one was installed it was \$4,954.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, December 20, 2019 9:08 AM
To: Dana Wedeles <Dana.Wedeles@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: RPCA Sign Details

The content is geared towards educational. Info about the project will talk about the benefits with a little of why, but that won't be all regs and whatnot, just cleaning up the Bay for habitat as well.

We're still deciding how best to accomplish this from content development to installation. Signs would need to be included in a mod which includes some sanitary work. Based on timing, we may not be able to use them (WSSI) for full delivery. So maybe they just provide content and we handle the manufacture and installation – but I'd rather have them handle full delivery.

If you can provide the any post and pedestal details/information quickly, then we may be able to handle it in a contract mod if they're okay with hashing out similar contact later like the attached for a similar project.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Dana Wedeles <Dana.Wedeles@alexandriava.gov>
Sent: Thursday, December 19, 2019 5:21 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: RPCA Sign Details

Sure – is the content of the sign more educational or is it rules and regulations? We have different signs for different content.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, December 19, 2019 3:44 PM

To: Dana Wedeles <Dana.Wedeles@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RPCA Sign Details

Hey Dana,

We're working on the Taylor Run Stream Restoration project. Bob's helping on the Natural Resources portions of the project. We want to put in some new signs and wanted to contact you. WSSI is working on a contract mod that includes some sanitary work and signs.

I know you all were working on signage/wayfaring a while back. Do you have a typical details for base, pedestal, etc. that need to be met? Content will include natural features, stream ecology, project description (like Lake Cook). Just wanted to make sure we follow any 'park' guidelines as appropriate.

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

City of Alexandria, VA

703.746.6499 (main)

703.746.4643 (direct)

571.414.8237 (mobile)

From: [Rod Simmons](#)
To: [Bob Williams](#)
Cc: [Mary Farrah](#)
Subject: [EXTERNAL]Fwd: Taylor Run Stream Restoration -- Letter to Alexandria from Connie
Date: Saturday, February 1, 2020 8:53:41 AM
Attachments: [Followup to January 2020 Taylor Stream Restoration Meeting.docx](#)

FYI

----- Forwarded message -----

From: <pro.wordsmith@verizon.net>
Date: Wednesday, January 29, 2020
Subject: Fwd: Taylor Run Stream Restoration -- Letter to Alexandria from Connie
To: simmons22041@gmail.com, margiembell@gmail.com, kitnorland@gmail.com,
kitnorland@yahoo.com, mglassmail1@gmail.com, angelardickey@gmail.com,
grossman.elizabeth@dol.gov, billrfj09@gmail.com

All,

Connie Ericson is a neighbor here in Arlington. She is also a member of Audubon Society of Northern Va. She attended the recent stream "restoration" public meeting in Alexandria. Attached is her letter. It's a personal response and not a letter from Audubon.

She's cites natural resources identified in Alexandria's 2011 Conservation Assessment and Natural Resource Management Plan for Chinquapin Park and Forest Park. City staff made little or no attempt to clearly show which natural resources would be placed at risk or lost in conjunction with this project. As I understand it (I didn't attend), city staff didn't even provide the number of trees that would be removed or potentially damaged.

This lack of documentation allows natural resources to be lost without any tracking or public accounting. So the cumulative degradation and impact becomes hard to quantify over time.

Suzanne

DISCLAIMER: This message was sent from outside the City of Alexandria email system. DO NOT CLICK any links or download attachments unless the contents are from a trusted source.

From: [Brian Rahal](#)
To: [Rachael Holland](#); [Jesse Maines](#)
Subject: RE: Taylor Run restoration extents
Date: Monday, February 3, 2020 1:26:00 PM
Attachments: [image001.png](#)

Rachael,

This section that Beth El is interested in is downstream of the restoration project. We have a Fact-Sheet download here:

<https://www.alexandriava.gov/94755>

I couldn't find that page searching or clicking on pages from the city's main page. I'm not sure if it is supposed to be "live" or not, but the information is there and could be shared.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rah@alexandriava.gov

From: Rachael Holland <rachael.holland@alexandriava.gov>

Sent: Monday, February 3, 2020 1:12 PM

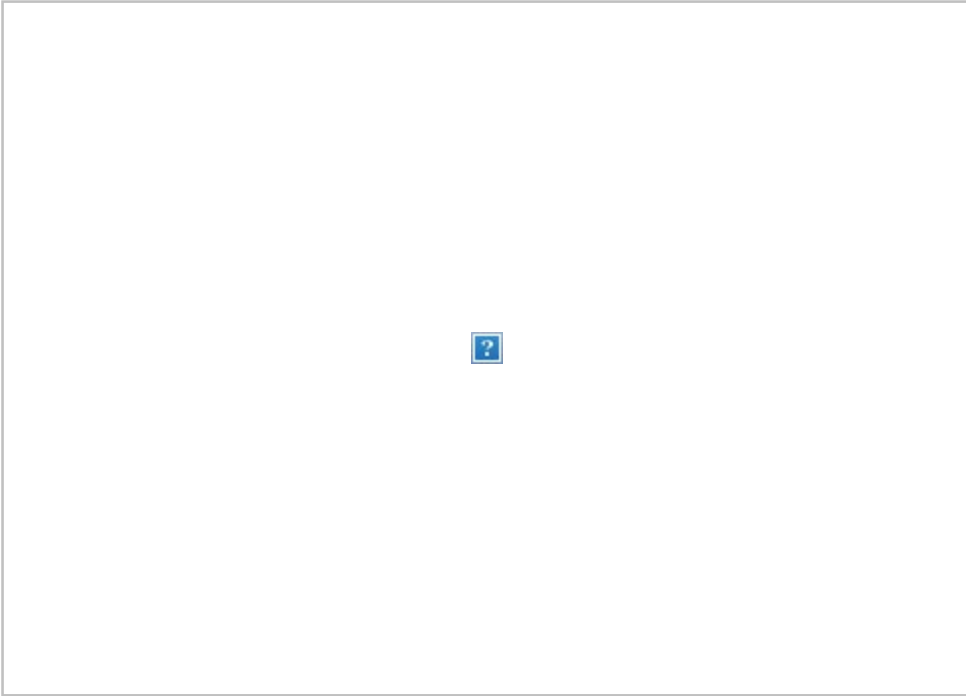
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: Taylor Run restoration extents

Hi,

Beth El would like to adopt a stream segment for SWU credit – will the stream restoration of Taylor Run impact their ability to do cleanups here?

If so, can you direct me to a map of the stream restoration extents?



Rachael Holland, P.E.
Stormwater Utility Manager / CE IV
City of Alexandria, VA
Department of Transportation & Environmental Services
Phone: 703.746.4022
Mobile: 571.317.9882
Website: alexandriava.gov/stormwater

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run restoration extents
Date: Monday, February 3, 2020 1:31:00 PM

AH... Not super easy to find... I did find as link from the stream restoration page...

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, February 3, 2020 1:28 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Re: Taylor Run restoration extents

It's buried under Water Quality, etc.

When we upgrade, this page needs a web box on our main page.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On Feb 3, 2020, at 1:26 PM, Brian Rahal <Brian.Rahal@alexandriava.gov> wrote:

Rachael,

This section that Beth El is interested in is downstream of the restoration project. We have a Fact-Sheet download here:

<https://www.alexandriava.gov/94755>

I couldn't find that page searching or clicking on pages from the city's main page. I'm not sure if it is supposed to be "live" or not, but the information is there and could be

shared.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahall@alexandriava.gov

From: Rachael Holland <rachael.holland@alexandriava.gov>

Sent: Monday, February 3, 2020 1:12 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: Taylor Run restoration extents

Hi,

Beth El would like to adopt a stream segment for SWU credit – will the stream restoration of Taylor Run impact their ability to do cleanups here?

If so, can you direct me to a map of the stream restoration extents?

<image001.png>

Rachael Holland, P.E.

Stormwater Utility Manager / CE IV

City of Alexandria, VA

Department of Transportation & Environmental Services

Phone: 703.746.4022

Mobile: 571.317.9882

Website: alexandriava.gov/stormwater

From: [Bob Williams](#)
To: [Jack Browand](#); [Rod Simmons](#)
Cc: [James Spengler](#)
Subject: Re: [EXTERNAL]FOIA Request - Department Notification - W014193-020620
Date: Thursday, February 6, 2020 11:51:26 AM

We will start gathering these, and will place them in the folder once provided.

Bob Williams, CPRP

Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Jack Browand <Jack.Browand@alexandriava.gov>

Sent: Thursday, February 6, 2020 11:43 AM

To: Bob Williams <Bob.Williams@alexandriava.gov>; Rod Simmons <Rod.Simmons@alexandriava.gov>

Cc: James Spengler <James.Spengler@alexandriava.gov>

Subject: FW: [EXTERNAL]FOIA Request - Department Notification - W014193-020620

Bob & Rod,

Please see below. I will send you a SharePoint link to place any emails you may have that fit the parameters below. Please have the information placed in the folder by Monday, February 10 and email me when completed. If you have no emails, please send me an email indicating as such.

The timeframe is January 1, 2019 through February 6, 2020.

Call me at 202.497.7452 with any questions.

jack

Jack Browand, Division Chief, CPRP CPM
Recreation, Parks & Cultural Activities
Park Planning, Capital Development & Waterfront
1108 Jefferson Street
Alexandria VA 22314
703.746.5504 (office)
202.497.7452 (cell)

From: City of Alexandria - FOIA <alexandriava@mycusthelp.net>
Sent: Thursday, February 6, 2020 9:49 AM
To: Jack Browand <Jack.Browand@alexandriava.gov>
Subject: [EXTERNAL]FOIA Request - Department Notification - W014193-020620

This is notification a FOIA request has been assigned to your department. This is being provided for informational purposes.

The request has been routed to the appropriate staff members. Below is the link to the specific request.

<https://ALEXANDRIAVA.mycusthelpadmin.com/WEBAPP/zAdmin/ServiceRequests/Details.aspx?id=14193>

Overview of the Request

Create Date: 2/6/2020 7:58:54 AM

Reference Number: W014193-020620

Type of Information:

Description: I am requesting all correspondence/communications between Rod Simmons and Bob Williams from RPCA's Natural Resources Division with Jesse Maines in T&ES' Stormwater Management Division from 2019 to present related to T&ES' planned Taylor Run Stream Restoration Project.

This is an auto-generated email and has originated from an unmonitored email account. Please DO NOT REPLY.

DISCLAIMER: This message was sent from outside the City of Alexandria email system. DO NOT CLICK any links or download attachments unless the contents are from a trusted source.

From: [Rod Simmons](#)
To: [Jack Browand](#)
Cc: [Bob Williams](#)
Subject: Re: [EXTERNAL]FOIA Request - Department Notification - W014193-020620
Date: Thursday, February 6, 2020 12:07:28 PM

Thanks Jack - will do.

On Feb 6, 2020, at 11:43 AM, Jack Browand <Jack.Browand@alexandriava.gov> wrote:

Bob & Rod,

Please see below. I will send you a SharePoint link to place any emails you may have that fit the parameters below. Please have the information placed in the folder by Monday, February 10 and email me when completed. If you have no emails, please send me an email indicating as such.

The timeframe is January 1, 2019 through February 6, 2020.

Call me at 202.497.7452 with any questions.

jack

Jack Browand, Division Chief, CPRP CPM
Recreation, Parks & Cultural Activities
Park Planning, Capital Development & Waterfront
1108 Jefferson Street
Alexandria VA 22314
703.746.5504 (office)
202.497.7452 (cell)

From: City of Alexandria - FOIA <alexandriava@mycusthelp.net>
Sent: Thursday, February 6, 2020 9:49 AM
To: Jack Browand <Jack.Browand@alexandriava.gov>
Subject: [EXTERNAL]FOIA Request - Department Notification - W014193-020620

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The request has been routed to the appropriate staff members. Below is the link to the specific request.

<https://ALEXANDRIAVA.mycusthelpadmin.com/WEBAPP/zAdmin/ServiceRequests/Details.aspx?id=14193>

[Overview of the Request](#)

Create Date: 2/6/2020 7:58:54 AM

Reference Number: W014193-020620

Type of Information:

Description: I am requesting all correspondence/communications between Rod Simmons and Bob Williams from RPCA's Natural Resources Division with Jesse Maines in T&ES' Stormwater Management Division from 2019 to present related to T&ES' planned Taylor Run Stream Restoration Project.

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DO NOT REPLY.**

**DISCLAIMER: This message was sent from outside the City of Alexandria email system.
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trusted source.**

From: [Jesse Maines](#)
To: [Staley, Nathan](#); [Syed Imran](#)
Cc: [Bob Williams](#); [Napier, Sarah J](#); [Chapla, Alex](#); [Brian Rahal](#)
Subject: RE: [EXTERNAL]Additional Tree/Planting Information for Public Meetings
Date: Friday, February 7, 2020 9:09:19 AM

Thanks Nathan! Very helpful. Will let you know if I have any questions.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Thursday, February 06, 2020 12:14 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <AChapla@wetlands.com>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: [EXTERNAL]Additional Tree/Planting Information for Public Meetings

Gentlemen,

Alex put together a modified version of the Tree Save plan to highlight the top of bank feature and sanitary easement. It is available through the FTP link below. He also added a summary table outlining how many of the trees are within the top of bank lines (thus susceptible to destabilization by erosion) and along the sanitary alignment. The summary helps explain that more than half of the tree impacts are in areas that are already under threat by erosion or likely to be disturbed during future maintenance along the sanitary. Let us know if you have any questions on that information.

The link also provides a number of pictures along the Taylor Run project reach to demonstrate the issues of tree destabilization by erosion.

Finally, Alex worked up a preliminary count of the plantings based on the current LOD. We haven't worked out the particulars with Bob regarding wetland plantings and larger caliper trees, but it gives you a sense of the number of native riparian plantings going in to offset/restore what is being removed. Hopefully we'll also be able to convert at least a portion of the mowed area near the Rec center to a pollinator meadow.

It can be hard to read in a presentation setting, but if you were to get specific questions as to the species of trees/shrubs you can refer to the planting palette sheets included in the 60% plan set.

Riparian Forest – **2379** (of which 952 are shrubs)
Stream Bank Shrub – **2088**

Stream Edge Shrub – **3998**

Live Stakes (willow) – **495**

https://file.ac/21euCO1oZvA9TIKxSug_6g/

Hope this helps!

Nathan A. Staley, PE | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)

5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601

nstaley@wetlands.com | www.wetlands.com

Please consider the environment before printing.

**DISCLAIMER: This message was sent from outside the City of Alexandria email system.
DO NOT CLICK any links or download attachments unless the contents are from a trusted
source.**

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: FW: Taylor Run - Monthly Project Report
Date: Friday, February 7, 2020 9:37:00 AM

FYI

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Brian Rahal
Sent: Friday, February 7, 2020 9:37 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: Taylor Run - Monthly Project Report

Thanks, Syed. FYI – there are a number of typos and one incomplete sentence in the report. Please correct and update at your earliest convenience.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, February 6, 2020 3:14 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>; Lydia Durand <lydia.durand@alexandriava.gov>; Terry Suehr <terry.suehr@alexandriava.gov>
Subject: Taylor Run - Monthly Project Report

Brian, Attached is monthly project report for Taylor Run. Please let me know if you have any questions.

Thanks,

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

From: [Bob Williams](#)
To: [Rod Simmons](#); [Jack Browand](#)
Subject: Re: FOIA Request - Department Notification - W014193-020620
Date: Friday, February 7, 2020 4:11:55 PM

Jack,

I have uploaded emails between Jesse Maines and myself from 1/1/2019 through today regarding the Taylor Run project. I did not include group emails with the engineer or DPI regarding the project, where Jesse and I were on the distribution list. Let me know if you need any additional information.

Bob Williams, CPRP

Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Rod Simmons <Rod.Simmons@alexandriava.gov>
Sent: Friday, February 7, 2020 3:37 PM
To: Jack Browand <Jack.Browand@alexandriava.gov>
Cc: Bob Williams <Bob.Williams@alexandriava.gov>
Subject: RE: FOIA Request - Department Notification - W014193-020620

Hi Jack,

I have uploaded all correspondence/communications that fit the parameters of the below FOIA request into the SharePoint folder you created for me. I only have two items of communication pertaining to the FOIA – one email (as a Word doc) and one report (PDF). I have no correspondence on this matter with Jesse Maines and T&ES Stormwater Management Division.

*The PDF report in my folder supersedes the one that Bob may have uploaded to his folder and hence the PDF in my folder should be the one provided per the request (I corrected a couple of very minor typos, etc.).

Thanks for facilitating this request for us.

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities

City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

From: Jack Browand <Jack.Browand@alexandriava.gov>
Sent: Thursday, February 6, 2020 11:43 AM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Rod Simmons <Rod.Simmons@alexandriava.gov>
Cc: James Spengler <James.Spengler@alexandriava.gov>
Subject: FW: [EXTERNAL]FOIA Request - Department Notification - W014193-020620
Importance: High

Bob & Rod,

Please see below. I will send you a SharePoint link to place any emails you may have that fit the parameters below. Please have the information placed in the folder by Monday, February 10 and email me when completed. If you have no emails, please send me an email indicating as such.

The timeframe is January 1, 2019 through February 6, 2020.

Call me at 202.497.7452 with any questions.

jack

Jack Browand, Division Chief, CPRP CPM
Recreation, Parks & Cultural Activities
Park Planning, Capital Development & Waterfront
1108 Jefferson Street
Alexandria VA 22314
703.746.5504 (office)
202.497.7452 (cell)

From: City of Alexandria - FOIA <alexandriava@mycusthelp.net>
Sent: Thursday, February 6, 2020 9:49 AM
To: Jack Browand <Jack.Browand@alexandriava.gov>
Subject: [EXTERNAL]FOIA Request - Department Notification - W014193-020620

This is notification a FOIA request has been assigned to your department. This is being provided for informational purposes.

The request has been routed to the appropriate staff members. Below is the link to the specific request.

<https://ALEXANDRIAVA.mycusthelpadmin.com/WEBAPP/zAdmin/ServiceRequests/Details.aspx?id=14193>

Overview of the Request

Create Date: 2/6/2020 7:58:54 AM

Reference Number: W014193-020620

Type of Information:

Description: I am requesting all correspondence/communications between Rod Simmons and Bob Williams from RPCA's Natural Resources Division with Jesse Maines in T&ES' Stormwater Management Division from 2019 to present related to T&ES' planned Taylor Run Stream Restoration Project.

This is an auto-generated email and has originated from an unmonitored email account. Please DO NOT REPLY.

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: FW: Taylor Run Stream Restoration Progress Meeting
Date: Thursday, February 13, 2020 12:29:00 PM

I reserved 135 for the Taylor Run call. 2:30-3:00

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

-----Original Appointment-----

From: TES Storm and Sanitary Conf Room 135 <TES_Rm_StormConf_135@alexandriava.gov>
Sent: Thursday, February 13, 2020 12:29 PM
To: Brian Rahal
Subject: Accepted: Taylor Run Stream Restoration Progress Meeting
When: Thursday, February 13, 2020 2:30 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: TES Storm and Sanitary Conf Room 135

Your request was accepted.

Sent by Microsoft Exchange Server 2016

From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run Stream Restoration Progress Meeting
Date: Thursday, February 13, 2020 12:50:44 PM

Cool, thanks!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Thursday, February 13, 2020 12:30 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Taylor Run Stream Restoration Progress Meeting

I reserved 135 for the Taylor Run call. 2:30-3:00

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

-----Original Appointment-----

From: TES Storm and Sanitary Conf Room 135 <TES_Rm_StormConf_135@alexandriava.gov>
Sent: Thursday, February 13, 2020 12:29 PM
To: Brian Rahal
Subject: Accepted: Taylor Run Stream Restoration Progress Meeting
When: Thursday, February 13, 2020 2:30 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: TES Storm and Sanitary Conf Room 135

Your request was accepted.

Sent by Microsoft Exchange Server 2016

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: FW: [EXTERNAL]Additional Tree/Planting Information for Public Meetings
Date: Thursday, February 13, 2020 3:03:10 PM

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Thursday, February 6, 2020 12:14 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aec.com>; Chapla, Alex <AChapla@wetlands.com>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: [EXTERNAL]Additional Tree/Planting Information for Public Meetings

Gentlemen,

Alex put together a modified version of the Tree Save plan to highlight the top of bank feature and sanitary easement. It is available through the FTP link below. He also added a summary table outlining how many of the trees are within the top of bank lines (thus susceptible to destabilization by erosion) and along the sanitary alignment. The summary helps explain that more than half of the tree impacts are in areas that are already under threat by erosion or likely to be disturbed during future maintenance along the sanitary. Let us know if you have any questions on that information.

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Riparian Forest – **2379** (of which 952 are shrubs)
Stream Bank Shrub – **2088**
Stream Edge Shrub – **3998**
Live Stakes (willow) – **495**

https://file.ac/21euCO1oZvA9TIKxSug_6g/

Hope this helps!

Nathan A. Staley, PE | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)

5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601

nstaley@wetlands.com | www.wetlands.com

Please consider the environment before printing.

**DISCLAIMER: This message was sent from outside the City of Alexandria email system.
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source.**

From: [Jesse Maines](#)
To: [Slacum, Jennifer](#)
Cc: [Brian Rahal](#)
Subject: Tentative: [EXTERNAL]Taylor Run Pre-application meeting

Jenni,

I have a 12 noon at City Hall. Will try to come out for the first half.

Will be on the lookout for the wetland delineation map and the stream assessment.

-Jesse

From: [Jesse Maines](#)
To: [Melanie Mason](#); [Brian Rahal](#); [Syed Imran](#)
Cc: [Matthew Landes](#)
Subject: RE: Taylor Run
Date: Tuesday, February 18, 2020 2:08:07 PM

Thanks Melanie.

We'll be back with Nathan on this as we're close to locking in the alignment and knowing the impacts. As Matt mentioned the other day, we can talk to the consultant on these projects to move up items that can be moved up; and not just doing things the same as have been done in the past.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Tuesday, February 18, 2020 1:36 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Subject: Taylor Run

All,

I just wanted to give you a heads up on the WQIA. The submittal did not include a supplemental landscape plan, which is quite frankly, the most important part of the WQIA. I have seen multiple projects miss deadlines because this was left until the last minute and then took multiple submittals and significant time to correct. I'd suggest this be completed as soon as possible and please have the contractor reach out to me if they have questions on how to address the WQIA landscape requirements.

Melanie Mason

Principal Planner
Stormwater Management
Transportation & Environmental Services
City of Alexandria, VA
Office Phone (direct): 703.746.4132
Cell Phone: 571.289.8374
www.alexandriava.gov/Stormwater

From: [Jesse Maines](#)
To: [Brian Rahal](#)
Cc: [Syed Imran](#); [Staley, Nathan](#)
Subject: FW: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework
Date: Wednesday, February 19, 2020 9:49:58 AM
Attachments: [Taylor Run Church Easement Block.dwg](#)

Brian,

Please take a look and see what we need to provide the final to our survey crew.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Friday, February 14, 2020 4:28 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework

Jesse,

Attached is a draft boundary to cover restoration work on the church's property. It is fully within the RPA, so it doesn't really amount to much in the way of additional encumbrance. The slopes are pretty steep so we didn't allow for any direct stream access through church property, but if there isn't already some sort of agreement in place for the City to keep cleaning the debris off the mouth of the downstream culverts you may want to extend things down to the overflow parking access road to make some sort of provision for that type of ongoing maintenance.

I would look at this as a starting point for discussion. This boundary captures the full floodplain width for this portion of the stream and gives another layer of protection for about 50 ft on each side of the stream.

Best,
Nathan

Nathan A. Staley, PE | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)
5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601
nstaley@wetlands.com | www.wetlands.com

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Cc: [Syed Imran](#); [Staley, Nathan](#)
Subject: RE: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework
Date: Wednesday, February 19, 2020 10:13:00 AM

Got it. I'll take a look.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Wednesday, February 19, 2020 9:50 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>
Subject: FW: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework

Brian,

Please take a look and see what we need to provide the final to our survey crew.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Friday, February 14, 2020 4:28 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;
Chapla, Alex <AChapla@wetlands.com>
Subject: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework

Jesse,

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Nathan

Nathan A. Staley, PE | Senior Associate Engineer

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Please consider the environment before printing.

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From: [Brian Rahal](#)
To: [Syed Imran](#); [Jesse Maines](#)
Cc: [Matthew Landes](#)
Subject: RE: [EXTERNAL]Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2
Date: Wednesday, February 19, 2020 4:38:00 PM
Attachments: [RE RPCA Sign Details.msg](#)

Syed,

I re-read the proposal again, today. I think it looks fine to me. Attached is the design standard for the post/pedestal from RPCA, if you didn't already receive that. Looks like you did. Attached for convenience.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Tuesday, February 18, 2020 8:51 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: FW: [EXTERNAL]Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2
Importance: High

Good Morning, Please review attached change order proposal for sanitary sewer and educational signs. Please let me know if you have any comments.

Thanks,

Syed

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Thursday, February 13, 2020 5:22 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: [EXTERNAL]Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2
Importance: High

Syed,

Attached is the requested proposal to design the relocation of an existing sanitary sewer manhole and new educational signage for the Taylor Run stream task order. We assume that like the Stream Restoration Mod, Change Order No. 1, that this will be contracted as Change order, presumably No. 2, to the Taylor Run PO.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-944-2412 C 1-301-502-2657

sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-255-2629 F 1-301-820-3009

www.aecom.com

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From: [Jesse Maines](#)
To: [Syed Imran](#)
Cc: [Brian Rahal](#)
Subject: Taylor Run Plan Review Timeframe
Date: Thursday, February 20, 2020 10:41:57 AM

Hey Syed,

Couple items wanted to ask:

1. Were the last set routed via APEX, or just via email?
2. Did you provide a 'respond by' timeframe for all parties?

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

City of Alexandria, VA

703.746.6499 (main)

703.746.4643 (direct)

571.414.8237 (mobile)

From: [Jesse Maines](#)
To: [Syed Imran](#)
Cc: [Brian Rahal](#)
Subject: RE: Taylor Run Plan Review Timeframe
Date: Thursday, February 20, 2020 10:54:31 AM

Thanks Syed. I talked to Bob and will get with him later today. We should be able to get his comments out before COB tomorrow. We'll want to get those to AECOM/WSII for the comment response meeting next week.

Can you please schedule the comment response meeting at a time when Bob, Brian and I can attend.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, February 20, 2020 10:45 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Plan Review Timeframe

Good morning.

1. Were the last set routed via APEX, or just via email? **via APEX**
2. Did you provide a 'respond by' timeframe for all parties? **Yes Feb 14th.**

Thanks,
Syed

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, February 20, 2020 10:42 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Plan Review Timeframe

Hey Syed,

Couple items wanted to ask:

1. Were the last set routed via APEX, or just via email?

2. Did you provide a 'respond by' timeframe for all parties?

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

City of Alexandria, VA

703.746.6499 (main)

703.746.4643 (direct)

571.414.8237 (mobile)

From: [Jesse Maines](#)
To: [Syed Imran](#)
Cc: [Brian Rahal](#); [Matthew Landes](#)
Subject: RE: Taylor Run Plan Review Timeframe
Date: Thursday, February 20, 2020 10:59:42 AM

Just wanted to loop Matt in. Working to get RPCA on track, but giving a little grace to ensure their input.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Thursday, February 20, 2020 10:55 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Plan Review Timeframe

Thanks Syed. I talked to Bob and will get with him later today. We should be able to get his comments out before COB tomorrow. We'll want to get those to AECOM/WSII for the comment response meeting next week.

Can you please schedule the comment response meeting at a time when Bob, Brian and I can attend.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, February 20, 2020 10:45 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Plan Review Timeframe

Good morning.

1. Were the last set routed via APEX, or just via email? **via APEX**
2. Did you provide a 'respond by' timeframe for all parties? **Yes Feb 14th**.

Thanks,
Syed

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, February 20, 2020 10:42 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Plan Review Timeframe

Hey Syed,

Couple items wanted to ask:

1. Were the last set routed via APEX, or just via email?
2. Did you provide a 'respond by' timeframe for all parties?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
City of Alexandria, VA
703.746.6499 (main)
703.746.4643 (direct)
571.414.8237 (mobile)

From: [Brian Rahal](#)
To: [Nathan A. Orr](#)
Cc: [Jesse Maines](#); [Syed Imran](#)
Subject: RE: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework
Date: Thursday, February 20, 2020 4:02:44 PM
Attachments: [Taylor Run Survey Request Recorded-Permanent-Easement.docx](#)

Nathan,

Please find attached the Request For Survey document for the permanent recorded easement we need for the Taylor Run Stream Restoration project.

If you need anything else, let me know.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: Nathan A. Orr <nathan.orr@alexandriava.gov>
Sent: Thursday, February 20, 2020 12:13 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework

Hi Brian

April is certainly doable, we'll get you taken care of. As long we're supplied the proposed easement location relative to the boundary location, we should be able to overcome any differences in datum (becomes a translate and rotate routine at that point).

Can you fill out the attached survey request form? Don't worry too much about the project limits sections and the "TO/FROM", just enter a description of the work request in the Comments section.

Can we put the target date as mid April for now? For at least the easement linework, probably the plat as well

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Thursday, February 20, 2020 12:04 PM
To: Nathan A. Orr <nathan.orr@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework

Importance: High

Nathan,

The attached file/block is a draft boundary for a permanent maintenance easement on First Baptist Church property where Taylor Run runs through it.

I also attached another CAD file with parcel boundaries that I think either Joni prepared, or received it from TJ(?) a while back. It looks like it's the two parcels that belong to First Baptist.

I tried xref-ing in the new block but they didn't appear to be on the same horizontal datum.

At this time, I need to ask you all to start on the draft easement document and plat for recording. We will need this completed/recorded by the time the construction contract is awarded sometime in May/June next year. But, we will need the final boundary to be on the plan set by the end of April for the 90% submission in May.

How does your schedule look?

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://www.cityofalexandriava.gov)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Wednesday, February 19, 2020 9:50 AM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>

Subject: FW: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework

Brian,

Please take a look and see what we need to provide the final to our survey crew.

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

703.746.4643 (direct)
571.414.8237 (mobile)

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Friday, February 14, 2020 4:28 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;
Chapla, Alex <AChapla@wetlands.com>
Subject: [EXTERNAL]Taylor Run - Church Property Draft Easement Linework

Jesse,

Attached is a draft boundary to cover restoration work on the church's property. It is fully within the RPA, so it doesn't really amount to much in the way of additional encumbrance. The slopes are pretty steep so we didn't allow for any direct stream access through church property, but if there isn't already some sort of agreement in place for the City to keep cleaning the debris off the mouth of the downstream culverts you may want to extend things down to the overflow parking access road to make some sort of provision for that type of ongoing maintenance.

I would look at this as a starting point for discussion. This boundary captures the full floodplain width for this portion of the stream and gives another layer of protection for about 50 ft on each side of the stream.

Best,
Nathan

Nathan A. Staley, PE | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)
5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019
Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601
nstaley@wetlands.com | www.wetlands.com

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From: [Jesse Maines](#)
To: [Slacum, Jennifer](#); [Syed Imran](#)
Cc: [Brian Rahal](#); [Napier, Sarah J](#); [Staley, Nathan](#)
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report
Date: Monday, February 24, 2020 10:00:52 AM
Attachments: [image001.jpg](#)

Jenni,

Couple of quick comments that should have been caught prior to submission:

Appendix A:

- It doesn't appear that the RPA was properly adjusted as previously discussed to include the wetlands with a 100' buffer landward as the RPA.
- Also, while INT1 is within the 100'RPA boundary, there should be a 50' buffer around it per City code.
- EPH7 is notated as 'Intermittent' where it should say 'Ephemeral' under the designation.

Appendix B:

- There is no field data sheet for EPH7.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Friday, February 21, 2020 5:33 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Syed,

The updated wetland delineation report is attached. Please let me know if there are any questions or concerns about the adjustments made to the WOUS features Int 2 and Eph 7 (previously Int 2). These changes were made based on Ron's NC method results. I would like to send this report over to Teri Crockett-Augustine (USACE) by COB Tuesday 2/25/2020 so she can review it ahead of the meeting on Thursday.

Thanks,
Jenni

Jenni Slacum, PWS, QP
Senior Environmental Scientist, Transportation, Environmental Science
D +1-410-891-9277
M +1-724-787-9608
jennifer.slacum@aecom.com

AECOM
4 North Park Drive
Suite 300
Hunt Valley, MD, US
T +1-410-785-7220
aecom.com

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: FW: Creek at Taylor run and Duke st
Date: Monday, February 24, 2020 1:46:00 PM

FYI

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Thomas Knighton <Thomas.Knighton@alexandriava.gov>
Sent: Monday, February 24, 2020 1:28 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Derek Claytor <Derek.Claytor@alexandriava.gov>; Terry Stanley <Terry.Stanley@alexandriava.gov>; Mark Gundersen <mark.gundersen@alexandriava.gov>; John Marlin <John.Marlin@alexandriava.gov>
Subject: Creek at Taylor run and Duke st

Brian,
It is my understanding that you are handling this. Please let me know when the contractors will be going here to clean this up.
We have received numerous calls and e-mails about it.

Thank you
Thomas Knighton
BMP Labor Supervisor

From: [Jesse Maines](#)
To: [Slacum, Jennifer](#); [Syed Imran](#)
Cc: [Brian Rahal](#); [Napier, Sarah J](#); [Staley, Nathan](#)
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report
Date: Monday, February 24, 2020 4:34:03 PM
Attachments: [image001.jpg](#)

Thanks Jenni. This one is okay for the USACE determination, as the City is the administrator for the Bay requirements. Might have another staff take a look first.

Is the score sheet the only deliverable for the classification?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Monday, February 24, 2020 11:05 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Jesse,

Thanks for the quick follow up. I forgot to include a note in my email about the RPA buffers. If the City is OK with the minor updates to the stream classifications then we will go ahead and make the necessary RPA buffer adjustments. We'll also correct the EPH7 label from intermittent to ephemeral.

I also corrected the stream data form. Eph 6 data form is actually Eph 7 data form.

I'll repackage everything and send it your way later today.

Thanks,
Jenni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, February 24, 2020 10:01 AM
To: Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Jenni,

Couple of quick comments that should have been caught prior to submission:

Appendix A:

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- Also, while INT1 is within the 100'RPA boundary, there should be a 50' buffer around it per City code.
- EPH7 is notated as 'Intermittent' where it should say 'Ephemeral' under the designation.

Appendix B:

- There is no field data sheet for EPH7.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Sent: Friday, February 21, 2020 5:33 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>

Subject: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Syed,

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Thanks,

Jenni

Jenni Slacum, PWS, QP
Senior Environmental Scientist, Transportation, Environmental Science
D +1-410-891-9277
M +1-724-787-9608

jennifer.slacum@aecom.com

AECOM

4 North Park Drive
Suite 300
Hunt Valley, MD, US
T +1-410-785-7220
aecom.com

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From: [Jesse Maines](#)
To: [Mark Gundersen](#)
Cc: [Brian Rahal](#)
Subject: Re: Creek at Taylor run and Duke st
Date: Monday, February 24, 2020 4:45:58 PM

Gotcha. Wasn't clear from email. Next couple weeks or so. Letters and eNews will go out. Brian is working with the contractor.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On Feb 24, 2020, at 3:56 PM, Mark Gundersen <mark.gundersen@alexandriava.gov> wrote:

Jesse,

We have done some initial clearing. We understand the long term process. We were just expressing what we have heard through Cityworks and through resident feedback while onsite.

Mark Gundersen | Division Chief of Public Works Services
City of Alexandria Dept. of Transportation & Environmental Services City
2900-B Business Center Dr., Alexandria Va. 22314
t. 703.746.4267 | mark.gundersen@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, February 24, 2020 3:24 PM
To: Mark Gundersen <mark.gundersen@alexandriava.gov>
Subject: RE: Creek at Taylor run and Duke st

Mark,

We are going to do a more extensive clearing of the vegetation along the banks to mitigate issues now and potentially in future from deadfall. There needs to be some clearing of debris (not cutting anything) at the culvert. That was my initial request relayed from Brian.

Thanks,

Jesse Maines, MPA, PMP
Division Chief

T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Mark Gundersen <mark.gundersen@alexandriava.gov>

Sent: Monday, February 24, 2020 1:50 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: FW: Creek at Taylor run and Duke st

FYI.

Mark Gundersen | Division Chief of Public Works Services
City of Alexandria Dept. of Transportation & Environmental Services City
2900-B Business Center Dr., Alexandria Va. 22314
t. 703.746.4267 | mark.gundersen@alexandriava.gov

From: Thomas Knighton <Thomas.Knighton@alexandriava.gov>

Sent: Monday, February 24, 2020 1:28 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Derek Claytor <Derek.Claytor@alexandriava.gov>; Terry Stanley

<Terry.Stanley@alexandriava.gov>; Mark Gundersen

<mark.gundersen@alexandriava.gov>; John Marlin <John.Marlin@alexandriava.gov>

Subject: Creek at Taylor run and Duke st

Brian,

It is my understanding that you are handling this. Please let me know when the contractors will be going here to clean this up.

We have received numerous calls and e-mails about it.

Thank you

Thomas Knighton

BMP Labor Supervisor

From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: FW: Taylor Run
Date: Tuesday, February 25, 2020 8:42:55 AM

FYI, we got Bob's comments for Taylor so WSSI should be able to speak to them on Wed. Bob should be there.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Tuesday, February 25, 2020 7:53 AM
To: Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run

Thank you!

From: Bob Williams <Bob.Williams@alexandriava.gov>
Sent: Monday, February 24, 2020 5:36 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Re: Taylor Run

Sorry for the delay. We have the following comments.

- Sheet 2, General Notes, Preservation and Protection of Existing Vegetation - John Noelle's name should be changed to John Marlin as the City Arborist. Contact info is john.marlin@alexandriava.gov, and 703.746.5499.
- Sheet 2, Preservation and Protection notes - #7 - we reserve the right of the City Arborist to conduct approvals prior to ground disturbing activities.
- Sheet 9 - Temporary Access - should be noted that construction activity cannot interfere with public access to the Recreation Center, cannot interfere with the shared school access or Chinquapin Park, and cannot inhibit the Gathering Location for T.C. Williams High School emergencies/drills.
- 4' Dirt Trail Realignment (Sheet 11) - We do not wish to have a temporary trail during

construction, and would rather close the trail and propose a detour during construction. This will minimize impacts outside of LOD. Keep the statement of "The original Trail will be re-established post-construction."

- Sheet 11, Temporary Access Path - design needs to better protect the Acidic Seepage Swamp, or avoid.
- Sheets 19-21 - Tree Removals - We confirm #5, Tree Removal Notes, that the City Arborist will be a party to inspection of trees to be removed, and will make comment.
- Sheet 32 - Vegetation Schedule - staff will review final draft for site-appropriate lists of native plants. Staff will also share appropriate planting times/schedules for material to best establish.
- General - plantings should follow the Landscape Guidelines where appropriate
- General - (question) - will the vegetation stock be inspected prior to installation? This has occurred on other City projects.
- General - promote the surgical approach to obtaining access to the stream, minimizing tree removal or damage. We would like to review the final tree removal plan.

If something additional comes up, I will share it with you.

Bob Williams, CPRP

Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Monday, February 24, 2020 2:13 PM

To: Chapla, Alex <AChapla@wetlands.com>; Staley, Nathan <nstaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>

Subject: RE: Taylor Run

Hi Alex,

Attached are additional City comments for 60% submission. We are still waiting for RPCA comments

and will share with you once received.
Thanks,

Syed

From: Syed Imran
Sent: Wednesday, February 19, 2020 11:53 AM
To: Chapla, Alex <AChapla@wetlands.com>; Staley, Nathan <nstaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>
Subject: RE: Taylor Run

Alex, We discussed having comments review meeting on Feb 26th at 2 p.m. We haven't receive any invitation yet so not confirmed. Nathan mentioned consolidated meeting so I thought we are having both meeting together (Biweekly and Comments review). Sarah can confirm if we hold Feb 26th or Thursday 27th for comments review?

Thanks,

Syed

From: Chapla, Alex <AChapla@wetlands.com>
Sent: Wednesday, February 19, 2020 10:11 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>
Subject: RE: Taylor Run

Syed,

I'm sorry for not following – when during the day will the comment meeting take place?

Thank you,

Alex Chapla, Project Engineer
[Wetland Studies and Solutions, Inc.](http://WetlandStudiesandSolutions.com)
703.679.5757

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Wednesday, February 19, 2020 9:57 AM

To: Chapla, Alex <AChapla@wetlands.com>; Staley, Nathan <NStaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>

Subject: RE: Taylor Run

Alex,

Yes, please add them into excel and I will also send you additional comments as soon as I receive more. Pre App meeting with USACE is scheduled for 10 a.m. – noon and our regular biweekly is at 2:30 p.m. I don't think early afternoon will be possible but I have reserved room in case we get done earlier.

Thanks,
Syed

From: Chapla, Alex <AChapla@wetlands.com>

Sent: Wednesday, February 19, 2020 8:29 AM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>

Subject: RE: Taylor Run

Syed,

Thank you for the first part of the comments. I am planning on putting all of these comments, in addition to any further that we receive, in an excel document where I will provide responses similar to what I did for the 40% design. Will this be okay again?

Also, could you please clarify what times the two meetings will be on the 27th? It sounds as though the USACE meeting will be sometime in the morning, and then the 60% design comment review meeting after that....early afternoon?

Thank you,

Alex Chapla, Project Engineer
[Wetland Studies and Solutions, Inc.](http://www.wetlandstudies.com)
703.679.5757

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Tuesday, February 18, 2020 6:08 PM

To: Staley, Nathan <NStaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>
Subject: RE: Taylor Run

Nathan,

Attached are partial City comments for 60% Submission. Due to long weekend, I haven't received complete comments and hopefully tomorrow, I will send more. I have some on plans, which I will compile and send together. I am not suggesting any changes to comments review meeting and we can discuss these items during our consolidated meeting. Sarah and Alex are welcome to join in person, since they are here?

We will follow up with Bob Williams about landscaping plan and reply back. To expedite things, moving on WQIA and landscape plan ahead of 90% submission is good option.

Thanks,

Syed

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Tuesday, February 18, 2020 4:10 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>
Subject: RE: Taylor Run

Syed,

I believe our project schedule originally had us receiving 60% comments by 2/17. My apologies if this was covered in last week's call, but when does the City anticipate issuing the 60% plan review comments?

I am understanding you email as suggesting that the 60% comment review meeting will follow the COE meeting on 2/27 instead of on 2/26 as discussed last week. We agree consolidating meetings on 2/27 would seem to make sense. That said, I am overseeing some construction on one of our Lynchburg projects this week and next. That may make in-person attendance for me at the comment review meeting challenging, but Alex has planned to attend the COE meeting and can likely represent us for the comment review meeting too. I would still be calling in.

As for the supplemental landscaping plan – we are waiting for comments from Bob and his staff to be able to craft the planting plan appropriately. I realize this might be a sticking point for Melanie and the WQIA approval process on typical development projects, but in this case we are happy to call for/spec whatever species, density, size the City requests. We will continue to make recommendations based on our experience with similar projects (e.g. the potential difficulties

created by using larger stock), but the ultimate composition of the re-plantings is up to the City.

We anticipate having the planting plan fully developed and tailored to the unique needs of the site for the 90% design effort. However, given Melanie's concerns I would suggest that we pre-empt the 90% submission package by prioritizing development and submission of just the planting plan and WQIA. That would allow us to seek review and comment on those project elements while developing the remainder of the plan. I think this makes sense given the fact that those elements have seemed to be the focus of most of the uncertainty up to this point, so this strategy would help ensure we keep things on schedule.

Feel free to give me a call if you have any comments or suggestions.

Thanks,
Nathan

Nathan A. Staley, Senior Associate Engineer

[Wetland Studies and Solutions, Inc.](#)

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Tuesday, February 18, 2020 3:20 PM

To: Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <NStaley@wetlands.com>; Chapla, Alex <AChapla@wetlands.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>

Subject: RE: Taylor Run

Hi Sarah/Nathan,

We need to discuss couple of items mentioned in conversation below. I propose to meet here during our biweekly meeting time in City Hall on February 27th, after our onsite meeting with USACE. Let me know if possible for you all to attend?

Thanks,

Syed

From: Matthew Landes <Matthew.Landes@alexandriava.gov>

Sent: Tuesday, February 18, 2020 2:15 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>

Subject: FW: Taylor Run

Syed –

Please setup a time to discuss this with Nathan and let me know if you need additional guidance. We need to make sure we get the WQIA landscape requirements addressed quickly.

As we discussed previously, I also suggested that we obtain a spec outline now for what will be submitted with the next submission so we can ensure that all specs are underdevelopment to meet our needs – so we want to get a milestone established for that asap as well.

Thanks,

Matt

Matthew Landes, PLA, ISA
Acting Division Chief / Landscape Architect
City of Alexandria, Virginia
Department of Project Implementation
703.746.4122 (Direct)
571.289.5634 (Mobile)
alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, February 18, 2020 2:08 PM
To: Melanie Mason <melanie.mason@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run

Thanks Melanie.

We'll be back with Nathan on this as we're close to locking in the alignment and knowing the impacts. As Matt mentioned the other day, we can talk to the consultant on these projects to move up items that can be moved up; and not just doing things the same as have been done in the past.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Tuesday, February 18, 2020 1:36 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Subject: Taylor Run

All,

I just wanted to give you a heads up on the WQIA. The submittal did not include a supplemental landscape plan, which is quite frankly, the most important part of the WQIA. I have seen multiple projects miss deadlines because this was left until the last minute and then took multiple submittals and significant time to correct. I'd suggest this be completed as soon as possible and please have the contractor reach out to me if they have questions on how to address the WQIA landscape requirements.

Melanie Mason

Principal Planner

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4132

Cell Phone: 571.289.8374

www.alexandriava.gov/Stormwater

From: [Brian Rahal](#)
To: [Melanie Mason](#); [Jesse Maines](#)
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report
Date: Tuesday, February 25, 2020 10:20:00 AM
Attachments: [image001.jpg](#)

OK. I just didn't see that you saw her responses.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Tuesday, February 25, 2020 9:22 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Not making sense..... apparently without coffee I turn into Yoda.

From: Melanie Mason
Sent: Tuesday, February 25, 2020 9:22 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

I saw that but her responses are making not sense to me. The report clearly describes 2 intermittent streams and 6 EPH streams. Why would she change the map and designations to 1 INT and 7EPH? EPH7 is intermittent in the description.

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, February 25, 2020 9:17 AM
To: Melanie Mason <melanie.mason@alexandriava.gov>
Subject: FW: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Jenni responded to a couple comments Jesse gave her, yesterday. Looks like you have a few similar comments. See below.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Sent: Monday, February 24, 2020 11:05 AM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;

Staley, Nathan <nstaley@wetlands.com>

Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Jesse,

Thanks for the quick follow up. I forgot to include a note in my email about the RPA buffers. If the City is OK with the minor updates to the stream classifications then we will go ahead and make the necessary RPA buffer adjustments. We'll also correct the EPH7 label from intermittent to ephemeral.

I also corrected the stream data form. Eph 6 data form is actually Eph 7 data form.

I'll repackage everything and send it your way later today.

Thanks,

Jenni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Monday, February 24, 2020 10:01 AM

To: Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;

Staley, Nathan <nstaley@wetlands.com>

Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Jenni,

Couple of quick comments that should have been caught prior to submission:

Appendix A:

- It doesn't appear that the RPA was properly adjusted as previously discussed to include the wetlands with a 100' buffer landward as the RPA.
- Also, while INT1 is within the 100'RPA boundary, there should be a 50' buffer around it per City code.
- EPH7 is notated as 'Intermittent' where it should say 'Ephemeral' under the designation.

Appendix B:

- There is no field data sheet for EPH7.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Friday, February 21, 2020 5:33 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Syed,

The updated wetland delineation report is attached. Please let me know if there are any questions or concerns about the adjustments made to the WOUS features Int 2 and Eph 7 (previously Int 2). These changes were made based on Ron's NC method results. I would like to send this report over to Teri Crockett-Augustine (USACE) by COB Tuesday 2/25/2020 so she can review it ahead of the meeting on Thursday.

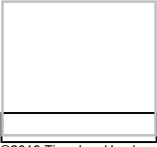
Thanks,
Jenni

Jenni Slacum, PWS, QP
Senior Environmental Scientist, Transportation, Environmental Science
D +1-410-891-9277
M +1-724-787-9608
jennifer.slacum@aecom.com

AECOM
4 North Park Drive
Suite 300
Hunt Valley, MD, US
T +1-410-785-7220
aecom.com

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: Taylor Run Site Visit w/USACE
Date: Wednesday, February 26, 2020 2:16:00 PM

There wasn't anything on 4040's calendar for tomorrow, so I reserved it from 9:30 – noon.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahal@alexandriava.gov

From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run Site Visit w/USACE
Date: Wednesday, February 26, 2020 2:18:39 PM

Thanks!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Wednesday, February 26, 2020 2:16 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run Site Visit w/USACE

There wasn't anything on 4040's calendar for tomorrow, so I reserved it from 9:30 – noon.

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: [Jesse Maines](#)
To: [Melanie Mason](#); [Slacum, Jennifer](#); [Syed Imran](#)
Cc: [Brian Rahal](#); [Napier, Sarah J](#); [Staley, Nathan](#)
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report
Date: Thursday, February 27, 2020 8:41:23 AM
Attachments: [image001.jpg](#)

Jenni,

Following up on this since we didn't hear back from you yet. There are a number of errors in the report that could be confusing to the Corps. The report needs to be revised and review by City staff prior to this report becoming a part of a Corps determination.

Please address my comments and Melanie's comments and provide a revised version for review.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Tuesday, February 25, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Hi Jenni,

I am assuming from the narrative there are two intermittent streams on site. EPH7 and INT2 appear to be the same stream with different designations. No score sheet was submitted, so I can't verify which it should be.

If that is the case, please make the following corrections:

- 3.2.5 references EPH 1 not EPH 3.
- 3.2.7 references the concrete ditch as an ephemeral channel. The concrete portion is not considered part of the ephemeral channel, just the vegetated natural portion.
- 3.2.9 is named incorrectly named EPH7. It should be INT2. It is also incorrectly labeled on the map.

Photograph 24 states ephemeral stream 5 is a concrete channel. Concrete channels are not considered natural, ephemeral streams.

There is no score sheet for EPH5 or INT2.

Label the top of bank for Taylor run on the map.

The RPA map needs to be updated based upon the City buffers.

Melanie Mason

Principal Planner

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4132

Cell Phone: 571.289.8374

www.alexandriava.gov/Stormwater

From: Jesse Maines

Sent: Monday, February 24, 2020 4:34 PM

To: Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;

Staley, Nathan <nstaley@wetlands.com>

Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Thanks Jenni. This one is okay for the USACE determination, as the City is the administrator for the Bay requirements. Might have another staff take a look first.

Is the score sheet the only deliverable for the classification?

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

703.746.4643 (direct)

571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Sent: Monday, February 24, 2020 11:05 AM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>;

Staley, Nathan <nstaley@wetlands.com>

Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

Jesse,

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Sent: Monday, February 24, 2020 10:01 AM
To: Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report

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Appendix B:

- There is no field data sheet for EPH7.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Friday, February 21, 2020 5:33 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
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AECOM
4 North Park Drive
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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Cc: [Melanie Mason](#)
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report
Date: Thursday, February 27, 2020 1:24:06 PM
Attachments: [image001.jpg](#)

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Thank you,

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Civil Engineer IV / Section Lead
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Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
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brian.rahala@alexandriava.gov

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Sent: Tuesday, February 25, 2020 9:10 AM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>

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Label the top of bank for Taylor run on the map.

The RPA map needs to be updated based upon the City buffers.

Melanie Mason

Principal Planner

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City of Alexandria, VA
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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Cc: [Melanie Mason](#)
Subject: RE: [EXTERNAL]Taylor Run Updated Wetland Delineation Report
Date: Thursday, February 27, 2020 3:03:09 PM
Attachments: [image001.jpg](#)

Hey Brian,

Thanks for following up. Sounds like everything is on track with a few minor questions to answer. Much appreciated!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
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From: [Brian Rahal](#)
To: [Jesse Maines](#); "[Gavin Pellitteri \(gavin.pellitteri@alexandriava.gov\)](#)"; [Melanie Mason](#); [Jessica Lassetter](#); [Rachael Holland](#); [LaToya P. Barbour](#)
Subject: Taylor Run photos from this morning
Date: Thursday, February 27, 2020 4:18:00 PM

All,

The photos I took at Taylor Run from today's meeting with The Army Corps WOTUS regulator are here: [S:\envq\Stormwater\Projects\Taylor Run Stream Restoration\01 Project Management\Photos\022720 - USACE Site visit](#)

Gavin,

The water was pretty turbid for a sunny day. Might want to keep an eye on it.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahall@alexandriava.gov

From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run photos from this morning
Date: Thursday, February 27, 2020 4:51:43 PM

Thanks Brian. Good pics! Sorry to miss it. Got a few more things done though.

- Water is turbid. Did it look like suspended clays or floor wax? Although the ponding area at the headwall in picture 1607 has the same color.
- RPCA top of slope does need to be fixed or they're going to lose more.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

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Sent: Thursday, February 27, 2020 4:18 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Gavin Pellitteri <gavin.pellitteri@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>; Jessica Lassetter <jessica.lassetter@alexandriava.gov>; Rachael Holland <rachael.holland@alexandriava.gov>; LaToya P. Barbour <LaToya.Barbour@alexandriava.gov>
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Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run photos from this morning
Date: Thursday, February 27, 2020 5:00:48 PM

It was sediment, IMO. Washington Gas was doing some work up on Quaker when I drove by heading to the meeting. Probably them de-watering a trench.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, February 27, 2020 4:52 PM
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Cc: [Napier, Sarah J](#); [Syed Imran](#); [Staley, Nathan](#); [Matthew Landes](#); [Melanie Mason](#); [Brian Rahal](#)
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers
Date: Tuesday, March 3, 2020 3:50:58 PM
Attachments: [image001.jpg](#)

Jenni,

Thanks for providing. What was the thought behind Wet B not being jurisdictional? Application of the old WOTUS rule with no 'nexus' taken into consideration?

Thanks,

Jesse Maines, MPA, PMP
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From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Tuesday, March 3, 2020 1:39 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Brian Meli <brian.meli@alexandriava.gov>
Subject: [EXTERNAL]Taylor Run Updated RPA buffers

Jesse,

The attached draft wetland delineation map shows the revised buffers. We are still waiting to hear from Teri to update a few of the ephemeral channels on the map and finalize the wetlands and waters but the buffer file should be all set now. Can you take a look at the RPA buffers to make sure they are correct? WSSI needs the buffer file to finalize some of their work so we are trying to wrap up this piece of the mapping.

The buffer on Taylor Run extends 100 feet out from top of bank and on Wet A and Wet C the buffer extends 100-feet out the western boundary of each wetland. USACE did not take jurisdiction of Wet 2 so we pulled the buffer back to just 100-feet off the top of bank of Taylor Run. The intermittent channel buffer extends 50-foot out from top of bank and is shown nested within the 100 foot RPA buffer.

Thanks,
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AECOM

4 North Park Drive

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From: [Jesse Maines](#)
To: [Ryan Zellman](#); [Brian Rahal](#)
Subject: RE: Taylor Run Notice - Mailing List
Date: Tuesday, March 3, 2020 3:51:23 PM

Youtube is your friend.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Ryan Zellman <Ryan.Zellman@alexandriava.gov>
Sent: Tuesday, March 3, 2020 11:17 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Notice - Mailing List

Sure! I'm not sure I've done a mail-merge before, or it's been a while.

Thanks,
Ryan

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, March 03, 2020 11:14 AM
To: Ryan Zellman <Ryan.Zellman@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Notice - Mailing List

Ryan,

I also need help doing the mail-merge, address labels and stuffing envelopes. Can you help with that, too?

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Ryan Zellman <Ryan.Zellman@alexandriava.gov>
Sent: Tuesday, March 3, 2020 11:07 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Notice - Mailing List

Hey Brian,

I did a 500 foot buffer on Taylor Run and selected the intersecting parcels and then exported a table. What next steps do you need?

Thanks,
Ryan

From: Ryan Zellman
Sent: Monday, March 02, 2020 10:02 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Notice - Mailing List

Sounds good Brian, I'll take a look at this tomorrow!

Thanks,
Ryan

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, March 2, 2020 9:52 AM
To: Ryan Zellman <Ryan.Zellman@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run Notice - Mailing List

Ryan,

I believe Jesse talked to you about this, probably 2-weeks ago, now. Attached is the letter we need to send out. Please build a mailing list based on a 500-ft buffer on a line following Taylor Run from Duke St to 500-ft upstream in Angel Park.

Let me know if you need anything. I'd like to get these out this week.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: [Jesse Maines](#)
To: [Ryan Zellman](#); [Brian Rahal](#)
Subject: RE: Taylor Run Notice - Mailing List
Date: Tuesday, March 3, 2020 3:53:42 PM

Figured you did.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Ryan Zellman <Ryan.Zellman@alexandriava.gov>
Sent: Tuesday, March 3, 2020 3:53 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Notice - Mailing List

Oh I figured it out haha

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, March 03, 2020 3:51 PM
To: Ryan Zellman <Ryan.Zellman@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Notice - Mailing List

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703.746.4643 (direct)
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brian.rahall@alexandriava.gov

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[City of Alexandria, Virginia](http://www.cityofalexandria.com)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: [Brian Rahal](#)
To: [Slacum, Jennifer](#)
Cc: [Jesse Maines](#)
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers
Date: Tuesday, March 3, 2020 4:10:35 PM
Attachments: [image001.jpg](#)

Hey Jenni,
You sent this to Brain Meli. I assume you meant to send it to me. Please forward the map for my files.

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, March 3, 2020 3:51 PM
To: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Matthew Landes <Matthew.Landes@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers

Jenni,

Thanks for providing. What was the thought behind Wet B not being jurisdictional? Application of the old WOTUS rule with no 'nexus' taken into consideration?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Tuesday, March 3, 2020 1:39 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>

Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Brian Meli <brian.meli@alexandriava.gov>
Subject: [EXTERNAL]Taylor Run Updated RPA buffers

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Thanks,
Jenni

Jenni Slacum, PWS, QP
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M +1-724-787-9608
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AECOM
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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Cc: [Slacum, Jennifer](#)
Subject: FW: [EXTERNAL]Taylor Run Updated RPA buffers
Date: Tuesday, March 3, 2020 4:49:36 PM
Attachments: [DelineationTemplate_11x17_USACE.pdf](#)
[image001.jpg](#)

Here you go Brian.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Tuesday, March 3, 2020 3:46 PM
To: Melanie Mason <melanie.mason@alexandriava.gov>
Subject: FW: [EXTERNAL]Taylor Run Updated RPA buffers

Hey,

Shouldn't wetland labeled Wet B have an RPA applied since it's contiguous to a water body with perennial flow under 13-105(B)(3)?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Tuesday, March 3, 2020 1:39 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Brian Meli <brian.meli@alexandriava.gov>
Subject: [EXTERNAL]Taylor Run Updated RPA buffers

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Thanks,
Jenni

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AECOM
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From: [Jesse Maines](#)
To: [Slacum, Jennifer](#)
Cc: [Napier, Sarah J](#); [Syed Imran](#); [Staley, Nathan](#); [Matthew Landes](#); [Melanie Mason](#); [Brian Rahal](#)
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers
Date: Wednesday, March 4, 2020 10:31:58 AM
Attachments: [ARTICLE XIII. ENVIRONMENTAL MANAGEMENT.pdf](#)
[image001.jpg](#)

Hey Jenni,

I'm still confused on this one. If there are no hydric soils how is it delineated as a wetland?

The main reason I keep asking goes back to our Environmental Management Ordinance, Sections 13-105 and 13-109 (11). If this is a non-tidal wetland, then per our ordinance it has a 50' buffer. So just trying to get all this correct for one last change to the document.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Wednesday, March 4, 2020 8:30 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Matthew Landes <Matthew.Landes@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers

Jesse,

Teri didn't take jurisdiction because the soils weren't hydric. We flagged it on the premise that Wet B had disturbed soils that weren't hydric but had other characteristics of a non vegetated concave wetland and was underlain by a layer of gravel like Wet A and Wet C wetlands.

Thanks,
Jenni

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, March 3, 2020 3:51 PM
To: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Matthew Landes <Matthew.Landes@alexandriava.gov>;

Melanie Mason <melanie.mason@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers

Jenni,

Thanks for providing. What was the thought behind Wet B not being jurisdictional? Application of the old WOTUS rule with no 'nexus' taken into consideration?

Thanks,

Jesse Maines, MPA, PMP
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T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Tuesday, March 3, 2020 1:39 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Brian Meli <brian.meli@alexandriava.gov>
Subject: [EXTERNAL]Taylor Run Updated RPA buffers

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Thanks,
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Cc: [Napier, Sarah J](#); [Syed Imran](#); [Staley, Nathan](#); [Matthew Landes](#); [Melanie Mason](#); [Brian Rahal](#)
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers
Date: Wednesday, March 4, 2020 10:54:32 AM
Attachments: [image001.jpg](#)

Thanks for the extra information.

So from an ordinance perspective as referenced, is this an 1) isolated wetland – which would have a 50’ buffer or 2) an “isolated wetland of limited ecological value” that doesn’t have a buffer. Sorry but need to put this fine point on it.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
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703.746.4643 (direct)
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From: Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Sent: Wednesday, March 4, 2020 10:48 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Matthew Landes <Matthew.Landes@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run Updated RPA buffers

Jesse,

It is not uncommon to have a wetland with one or more disturbed parameters (vegetation, hydrology or soils). In this case we felt the soils were likely disturbed which is why they didn’t have similar hydric characteristics to the soils in Wet A and Wet B. Teri agreed it was disturbed, probably from construction of the bridge, but decided not to regulate Wet B because it lacked hydric soils so she is essentially saying it is not a wetland. Hope this helps.

Jenni

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From: [Bob Williams](#)
To: [Rod Simmons](#)
Subject: Fw: [EXTERNAL]Taylor Run Planting Plan - Request for Additional Clarification Feedback by 3/6
Date: Wednesday, March 4, 2020 4:21:24 PM
Attachments: [image001.jpg](#)
[Potential Large Tree Zones.pdf](#)
[PFO.xlsx](#)

Rod,

This was the list I was talking about.

Bob Williams, CPRP
Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688
Mobile: 571.289.9429
Email: Bob.Williams@alexandriava.gov

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Thursday, February 27, 2020 1:06 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>
Cc: Chapla, Alex <AChapla@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Conner, Dillon <DConner@wetlands.com>
Subject: [EXTERNAL]Taylor Run Planting Plan - Request for Additional Clarification Feedback by 3/6

Good Afternoon Bob,

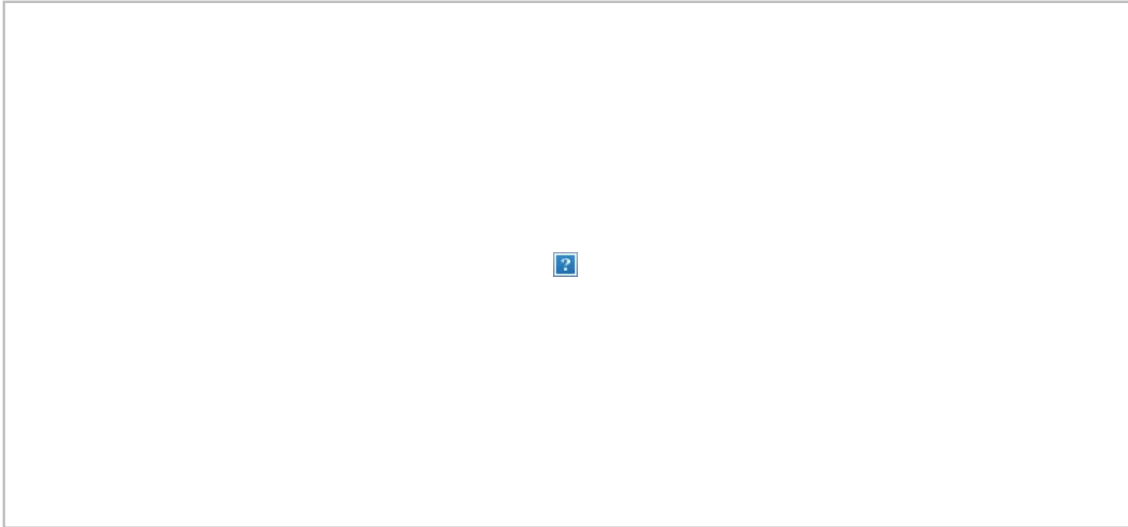
In talking through RCPA comments on the 60% plans we still have some lingering questions where we were hoping to get more clear direction from you and your staff. You will likely see some coordination from Syed, but I wanted to reach out directly because we are moving forward with 90% plans and cannot make progress without some additional information. In order to hold with the project timeline we are asking for your feedback on the following items by the end of next week **(3/6)**.

Caliper Tree Plantings:

1. In late January Alex sent a PDF showing the narrow areas where larger tree plantings may be planted. (See attachment) Total area on City property is approximately 0.4 acres. At 15' O.C. that would allow room for up to 80 larger trees. Based on the City's Landscape Guidelines we anticipated spec'ing 1.5 – 2" caliper trees 6-10' in height. We can chose species from within our standard riparian PFO planting schedule (attached), but would like to get your feedback if there are specific species you would prefer.
2. There is another 0.3 ac on church property where larger trees may be used. Please let us know if you would like us to spec larger stock (approximately another 60 trees) for the church property. Our recommendation would be to use smaller one gallon containers in this area due to the difficulty associated with the requisite watering and fact that there is not direct access to this portion of the project area.

Pollinator Meadow or Expansion of Forest Area into Rec Center Field

1. We had talked about expanding natural areas to encompass portions of the east side of the field near the Rec Center. Please let us know if that is acceptable and to what degree. We recommend extending the natural area vegetation west approximately 120 ft from the existing tree line (roughly creating a boundary in plane with the east side of the Rec Center building, highlighted area in the image below). Tree canopy is obviously most beneficial from a stormwater management/water quality standpoint, but we think pollinator meadow habitat could serve as a good transitional area to the wooded portion of the site along the stream. A decision on this is critically important, as it ripples through a number of plan elements and may also affect development of the educational signage – habitat focused signage would be a natural fit for the expanded natural area.



Planting/Seeding Schedules

1. Based on your comments we will be removing the trail by-pass in order to further limit site disturbance. After this change impacts to delineated wetland areas will total ~500 square feet. We had discussed crafting wetland specific planting/seeding as part of the overall planting plan. I spoke with our Landscape Architect and discussed the situation. He pointed out that our proposed PFO shrubs range from Fac Wet to Obligate and are the same species as would be used in our PSS wetland plantings. For this reason, we do not feel it is necessary or appropriate to call for wetland specific plantings for such a small area relative to the overall site. Instead, we recommend it be handled by CMI staff during the construction planting effort to make minor adjustments to planting locations in the field.
2. Please let us know if the City would like to make any other adjustments to the PFO planting/seeding information attached.

Please call or email if you have any questions... and thank you in advance for helping us gain clarity on these plan elements.

Best,
Nathan

Nathan A. Staley, PE | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)
5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019
Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601
nstaley@wetlands.com | www.wetlands.com

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From: [Brian Rahal](#)
To: [Syed Imran](#); [Jesse Maines](#)
Cc: [Matthew Landes](#)
Subject: RE: Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2
Date: Thursday, March 5, 2020 4:59:41 PM
Attachments: [2020-02-28 Purchase Transmittal Form CO-02_BR.pdf](#)

Syed,
Attached is the signed form.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Tuesday, March 3, 2020 1:05 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2

Hi Brian,
Attached is URS design fee proposal and purchase requisition form for Taylor Run Mod. Please sign and send it back to me at your early convenience.

Thanks,

Syed

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Wednesday, February 19, 2020 4:38 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2

Syed,

I re-read the proposal again, today. I think it looks fine to me. Attached is the design standard for the post/pedestal from RPCA, if you didn't already receive that. Looks like you did. Attached for convenience.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Tuesday, February 18, 2020 8:51 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: FW: [EXTERNAL]Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2
Importance: High

Good Morning, Please review attached change order proposal for sanitary sewer and educational signs. Please let me know if you have any comments.

Thanks,

Syed

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Thursday, February 13, 2020 5:22 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Staley, Nathan <nstaley@wetlands.com>
Subject: [EXTERNAL]Taylor Run - Sewer Relation & Signage Mod - Change Order No. 2
Importance: High

Syed,

Attached is the requested proposal to design the relocation of an existing sanitary sewer manhole and new educational signage for the Taylor Run stream task order. We assume that like the Stream Restoration Mod, Change Order No. 1, that this will be contracted as Change order, presumably No. 2, to the Taylor Run PO.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)
D 1-301-944-2412 C 1-301-502-2657

sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-255-2629 F 1-301-820-3009

www.aecom.com

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From: [Bob Williams](#)
To: [Rod Simmons](#)
Subject: Re: [EXTERNAL]Taylor Run Planting Plan - Request for Additional Clarification Feedback by 3/6
Date: Thursday, March 12, 2020 1:51:45 PM
Attachments: [image001.jpg](#)

Rod,

Do you have any feedback on the plant list? I need is ASAP. Thanks.

Bob Williams, CPRP
Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688
Mobile: 571.289.9429
Email: Bob.Williams@alexandriava.gov

From: Bob Williams <Bob.Williams@alexandriava.gov>
Sent: Wednesday, March 4, 2020 4:18 PM
To: Rod Simmons <Rod.Simmons@alexandriava.gov>
Subject: Fw: [EXTERNAL]Taylor Run Planting Plan - Request for Additional Clarification Feedback by 3/6

Rod,

This was the list I was talking about.

Bob Williams, CPRP
Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688
Mobile: 571.289.9429
Email: Bob.Williams@alexandriava.gov

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Thursday, February 27, 2020 1:06 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>
Cc: Chapla, Alex <AChapla@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Conner, Dillon <DConner@wetlands.com>
Subject: [EXTERNAL]Taylor Run Planting Plan - Request for Additional Clarification Feedback by 3/6

Good Afternoon Bob,

In talking through RCPA comments on the 60% plans we still have some lingering questions where we were hoping to get more clear direction from you and your staff. You will likely see some coordination from Syed, but I wanted to reach out directly because we are moving forward with 90% plans and cannot make progress without some additional information. In order to hold with the project timeline we are asking for your feedback on the following items by the end of next week **(3/6)**.

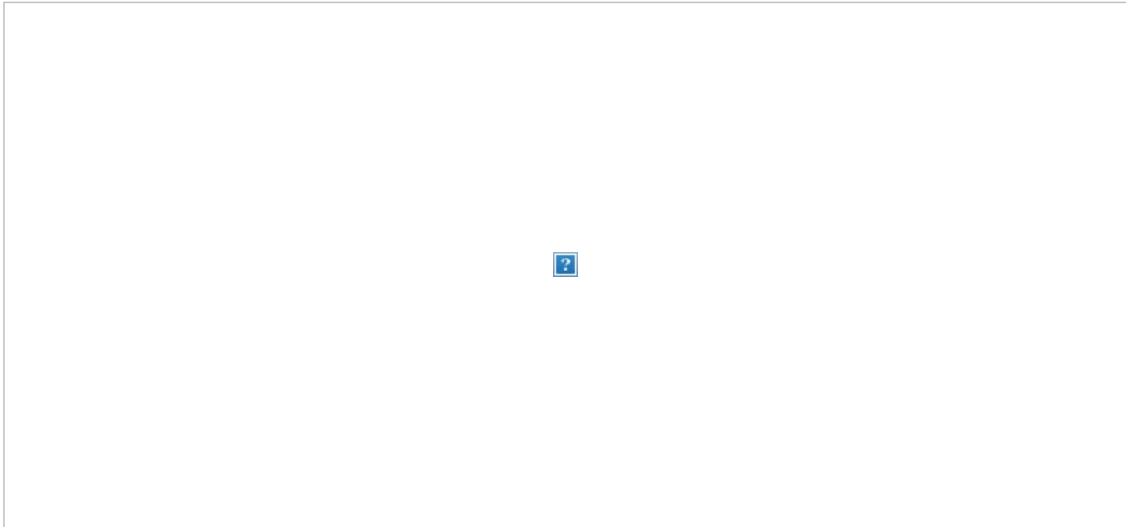
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5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019

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nstaley@wetlands.com | www.wetlands.com

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From: [Rod Simmons](#)
To: [Bob Williams](#)
Subject: Natural Lands Management review of proposed Taylor Run planting schedule lists
Date: Thursday, March 12, 2020 3:22:00 PM
Attachments: [image003.jpg](#)

Hi Bob,

The comments below are pursuant to best approximating an in-kind replacement of the existing Small Stream Forest community that occurs along the entire stretch of Taylor Run at Chinquapin Park and First Baptist Church property in the project footprint. A brief description of Small Stream Forest is below.

Under Tree Layer #1:

Delete *Quercus bicolor*, *Q. michauxii*, and *Q. phellos* and substitute with Tulip Tree (*Liriodendron tulipifera*) and increased numbers of Sweetgum (*Liquidambar styraciflua*).

Quercus alba and *Q. palustris* are good.

It is important to note that only straight species should be used, no cultivars.

Under Tree Layer #2:

Delete *Acer negundo*, *Betula nigra*, and *Platanus occidentalis* and increase numbers of others.

Acer rubrum (but not in too great a number), *Carpinus caroliniana*, *Liquidambar styraciflua*, and *Nyssa sylvatica* are good.

It is important to note that only straight species should be used, no cultivars.

Under Shrub Layer #3:

Salix nigra is good.

Under Shrub Layer #4:

Delete *Cephalanthus occidentalis* and add Spicebush (*Lindera benzoin*). Spicebush is the dominant shrub in Small Stream Forest communities (see below).

Alnus serrulata, *Cornus amomum*, *Ilex verticillata*, ¹*Sambucus canadensis*, and *Viburnum dentatum* are good.

¹European Elderberry (*Sambucus nigra*) is not native to North America and is considered invasive in parts of Europe and the U.S. It is critical to ensure that only *Sambucus canadensis* (= *Sambucus canadensis* var. *canadensis*) is used. The largely disused synonym *Sambucus nigra* ssp. *canadensis* causes confusion with the non-native invasive *Sambucus nigra* owing to the specific epithet “*nigra*”.

Under Seed Planting Zone #6:

Delete *Elymus riparius* and *Tripsacum dactyloides*. No need for substitutions, there are more than enough herbaceous species listed.

Elymus virginicus and *Dichanthelium clandestinum* are good.

Under Seed Planting Zone #7:

Delete *Scirpus atrovirens*. It is not native to our area of northern Virginia or the City of Alexandria. No need for substitutions, there are more than enough herbaceous species listed.

Carex lurida, *C. vulpinoidea*, and *Persicaria pensylvanica* are good.

Under Seed Planting Zone #8:

Delete *Helenium autumnale* and *Persicaria sagittata*. *Helenium autumnale* is a plant of Freshwater Tidal Communities in our area and is wholly inappropriate for Chinguapin Park. No need for substitutions, there are more than enough herbaceous species listed.

Bidens frondosa is ok, but is a weedy native.

Under Seed Planting Zone #9:

Delete *Eupatorium perfoliatum* and *Vernonia noveboracensis*. Neither are appropriate to the site and both may potentially seed into the contiguous Acidic Seepage Swamp and other forested wetlands, thereby displacing existing native flora. No need for substitutions, there are more than enough herbaceous species listed.

Eutrochium fistulosum, *Ludwigia alternifolia*, and *Scirpus cyperinus* are good.

Under Seed Planting Zone #10:

Delete all 3 species in #10 cell. *Symphotrichum novae-angliae* and *S. puniceum* are not appropriate to the site and *Carex comosa* is purely a species of Freshwater Tidal Communities of our area and is wholly inappropriate for Chinguapin Park. No need for substitutions, there are more than enough herbaceous species listed.

Under Seed Planting Zone #11:

Delete *Carex squarrosa*, *Helianthus angustifolius*, and *Verbena hastata*. Substitute with Tall Flat-topped White Aster (*Doellingeria umbellata*). Earth Sangha has hundreds of this species in stock. Can also add Tussock Sedge (*Carex stricta*), which occurs in the Acidic Seepage Swamp.

Juncus effusus is good.

Under Seed Planting Zone #12:

Delete seeding *Cephalanthus occidentalis*. See above note with respect to *Sambucus nigra* ssp. *canadensis*.

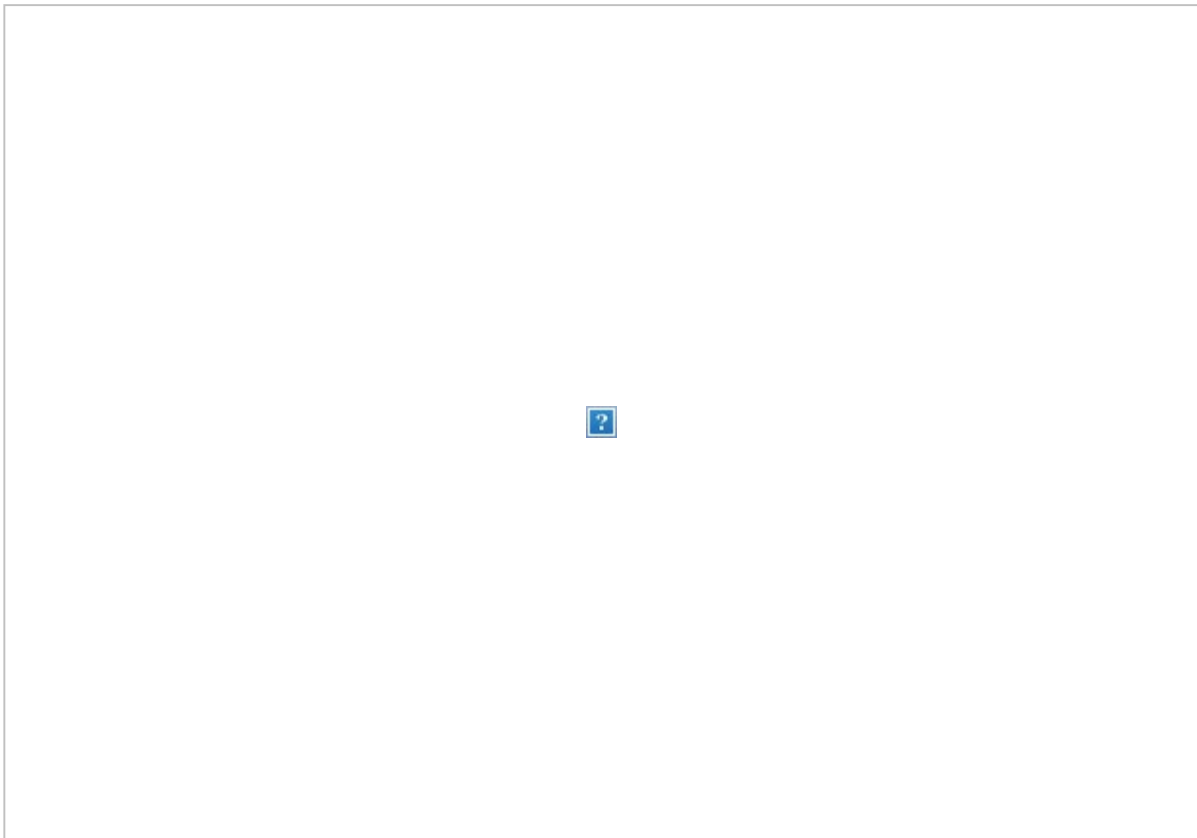
Under Seed Planting Zone #13:

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Coastal Plain / Piedmont Small Stream Forest

Much of the forest of the stream valley section of Chinquapin Park is perhaps best classified as Coastal Plain / Piedmont Small Stream Forest: *Liquidambar styraciflua* - *Liriodendron tulipifera* / *Lindera benzoin* / *Arisaema triphyllum* Forest (USNVC: [CEGL004418](#)).

This community type is often characterized by extensive glades of New York Fern (*Parathelypteris noveboracensis*) and Southern Lady Fern (*Athyrium asplenoides*) to a lesser extent, Jack-in-the-Pulpit (*Arisaema triphyllum*), and other herbaceous plants; a sparse understory and shrub layer, with Spicebush (*Lindera benzoin*) as the dominant shrub; and a canopy of Tulip Tree (*Liriodendron tulipifera*), Sweetgum (*Liquidambar styraciflua*), Red Maple (*Acer rubrum*), and scattered upland oaks (Harrison 2004, Simmons 2011, Fleming et al. 2012).



Groves of old-age Tulip Tree (*Liriodendron tulipifera*) and fern glades in Coastal Plain / Piedmont Small Stream

Forest along Taylor Run at Chinquapin Park. Photo by R.H. Simmons.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

From: [Bob Williams](#)
To: [Rod Simmons](#)
Subject: Re: Natural Lands Management review of proposed Taylor Run planting schedule lists
Date: Thursday, March 12, 2020 3:22:44 PM
Attachments: [image003.jpg](#)

Thanks.

Bob Williams, CPRP
Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688
Mobile: 571.289.9429
Email: Bob.Williams@alexandriava.gov

From: Rod Simmons <Rod.Simmons@alexandriava.gov>
Sent: Thursday, March 12, 2020 3:22 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>
Subject: Natural Lands Management review of proposed Taylor Run planting schedule lists

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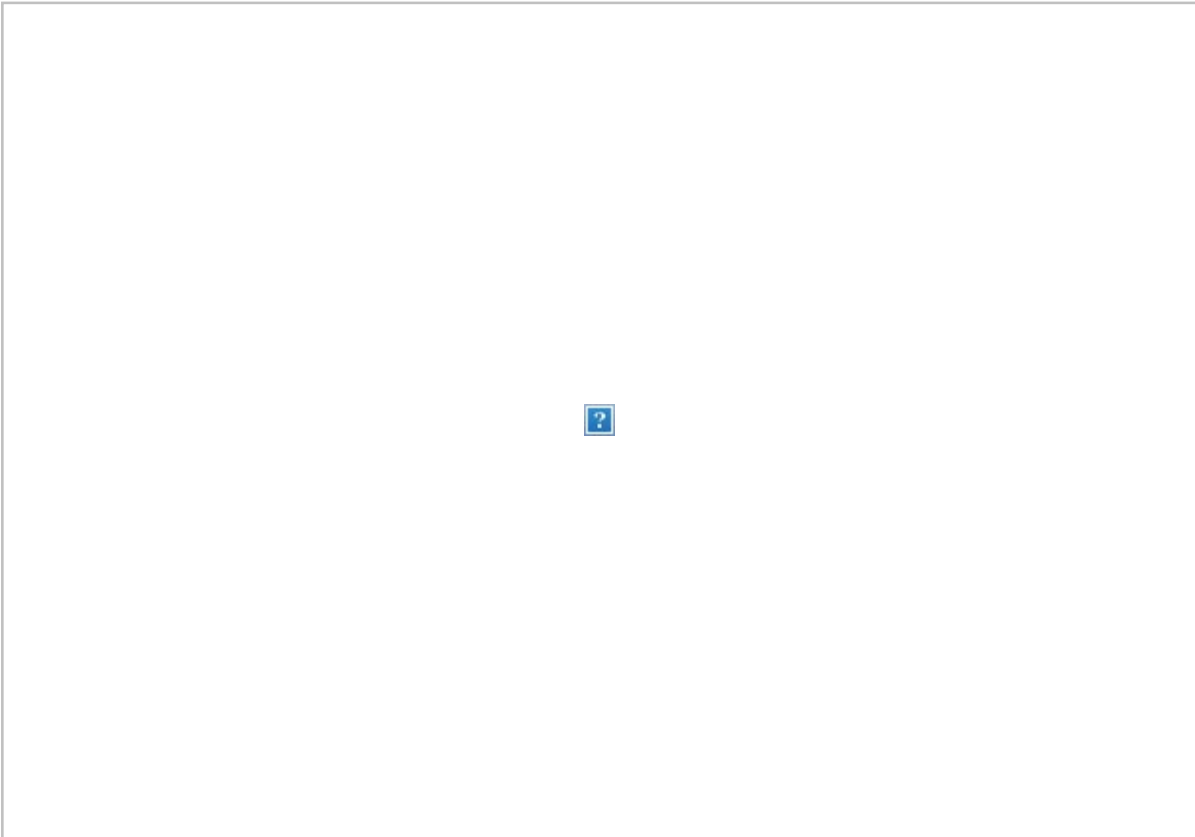
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Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>



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From: [Rod Simmons](#)
To: [Matthew Landes](#)
Cc: [Murphy Ng](#); [Bob Williams](#); [Oscar Mendoza](#); [John Marlin](#); [Matthew Barker](#); [Andrew Benjamin](#); [Mary Farrah](#)
Subject: RE: Strawberry Run - Invasive Species Management and Volunteer Tree Planting
Date: Monday, March 16, 2020 4:22:00 PM

Hi Matt,

Thanks for your message. As to herbicide treatments at Strawberry Run, as well as elsewhere in the City, please see my below note to Carter Flemming, president of the Seminary Hill Civic Association, in response to her inquiry.

As to volunteer tree plantings on City parkland and property, this is something we allow only under strict supervision with City staff present and with pre-approved, site-appropriate plant material. We generally do not plant trees or screening material in forested parks, instead following best practices that allow natural forest succession and regeneration. The principles of Do No Harm and Keep It Natural guide all of our land management activities.

We regularly conduct volunteer native tree plantings throughout the City numerous of times per year. All are welcome to join us with these planting events. Volunteer assistance is what makes them successful.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

Hi Carter,

Thank you for bringing this to our attention. I was sitting in the back row for some of last night's meeting, as an observer and not as a participant, and I heard questions and concerns to this effect from some of the attendees.

Natural Lands Management certainly appreciates concerns for protecting and properly stewarding Alexandria's environment and specifically for safety and not over-using pesticides. Public, personal,

and environmental safety is our overarching concern and guides all of our land management activities. Through best practices and RPCA's Environmental and Sustainability Management System (ESMS), we regularly exceed federal and state environmental safety regulations in the use of herbicides in parks and natural areas when their use as a Best Management Practice is necessary.

Natural Lands Management and our contractors only use herbicides that are deemed environmentally safe when used properly according to the label. In all the years of herbicide treatments in City parks and natural areas that are regularly frequented by people, pets, and wildlife, we have never had any issues of anyone, pets, or wildlife suffering adverse reactions from herbicides.

We use a surfactantless, aquatic-safe glyphosate product like Rodeo usually at a 2% solution mixed in combination with a 2-3% triclopyr solution of a product like Garlon 3A, together with the soy/lecithin-based surfactant Liberate and a non-toxic blue dye (Bull's Eye), for foliar-applications on pervasive, waxy-leaved plants like English Ivy, Liriope, Winter Creeper, Periwinkle, etc.

By combining the surfactantless glyphosate and triclopyr products, which improves their efficacy, we use lesser amounts of each compared to amounts needed if using one of them by itself. (Sometimes we use a herbicide by itself, combined with the surfactant and dye.)

As a Best Management Practice we don't use or allow contractors to apply Monsanto's glyphosate product Roundup because the surfactants in Roundup have been shown to be harmful to aquatic wildlife.

RPCA is the lead City agency to oversee pesticide (herbicide) use on City lands. This is done under the supervision of a Certified Commercial Applicator, of which I am the sole City staff certified in Forest and Aquatic categories.

Also important to note and according to state law, no City of Alexandria staff or contractors but certified Registered Technicians and/or Commercial Applicators (obviously holding a current license), as well as those in training under supervision, are allowed to apply pesticides, including herbicides.

The way pesticide regulation is set up under VDACS is that all Registered Technicians operate under the supervision of a Commercial Applicator. As City Natural Resource Manager overseeing all pesticide usage in and around City natural areas, I am the City's sole certified Commercial Applicator in the required Aquatic and Forest categories. I also oversee the non-native invasive plant control program.

Our specialty contractor for eradicating non-native invasive plants, Invasive Plant Control (IPC), is widely regarded as highly professional, well-trained, expert, and continually improving and modifying best practices for invasive species control. In working closely with them over the past 10 years or so, I have always found them to be all of these things.

In fact, our significant accomplishments in reclaiming and restoring City parks, natural areas, and waterways formerly hopelessly overrun with massive infestations of non-native invasive

vines and other plants, together with IPC's invaluable, large-scale work, has regularly earned us inclusion nearly annually on the Alexandria's List of Top Ten Environmental Achievements.

As to the purported statement from IPC staff to Fort Williams Park neighbors, that their job was to "make sure nothing green is here", I can assure you that that was a pure misunderstanding of what IPC staff was trying to convey – specifically that their job was to cut-and-treat all the evergreen ("green") non-native invasive plants (mostly English Ivy) covering virtually all of the canopy trees at Fort Williams Park (as well as Battery Heights Conservation Easement). If left untreated, most of the canopy trees at the park, many old-age, would eventually decline and die from the unhealthy and unnatural condition of being totally covered with English Ivy and other invasive vines. This is also a public safety issue, as it is documented that canopy trees covered in English Ivy are much more prone to blowing over – occasionally onto people and buildings.

Several other misconceptions should be corrected: a) non-native invasive plant treatments at Fort Williams Park, Chinquapin Park along Taylor Run, and any other City park, natural area, and waterway are not done in conjunction with stream construction projects or in any way done to facilitate such projects, b) no contractors or City staff ever "have people spraying chemicals right into the streams", even inadvertently (we are highly trained, extremely careful and accurate, and strictly follow product labels), c) glyphosate does not translocate in the soil and therefore does not kill trees; pesticides are not applied to soil, only surgically targeted to foliage and cut stems/trunks/stumps, d) neither the Fort Williams Park or Chinquapin Park stream projects have anything to do with removing or controlling non-native invasive plants – virtually all of the non-native invasive plants that had completely overrun both parks have been completely eradicated under our invasive plant control program over the last 10 years. Today, both parks are nearly free of invasive plants, requiring only minor annual follow-up treatments.

Fort Williams Park, in particular, as well as Battery Heights Conservation Easement, Monticello Park, and the like have been largely restored to pre-settlement conditions as far as invasive plant infestations are concerned (back to a time when such infestations did not exist) by carefully removing such infestations and allowing natural forest communities to thrive, including native wildlife.

I hope this helps and answers your concerns. Please feel free to reach out to me with any other questions or concerns.

Thanks,

Rod Simmons

Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

From: Matthew Landes <Matthew.Landes@alexandriava.gov>
Sent: Monday, March 16, 2020 10:53 AM
To: Rod Simmons <Rod.Simmons@alexandriava.gov>
Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Murphy Ng <Murphy.Ng@alexandriava.gov>
Subject: Strawberry Run - Invasive Species Management and Volunteer Tree Planting

Rod - Hope you and your family are well sir!

First, I wanted to take a moment to say thank you for your (and Bob's) time and coordination efforts on Ben Brenman pond. I regret that our design team did not meet our expectations during the design phase, but we are working to resolve this and prevent this from happening again. We appreciate the collaborative support!

On to Strawberry Run. Through my limited and new involvement in the outreach and civic engagement process, we have met some neighbors who are very concerned, and possibly misinformed, about the nature and intent of the invasive species management plan, and possible spraying, that has been conducted "in their backyards" in the Strawberry Run stream valley. If you are willing to respond to them, and possibly meet with them on site, I would like to make an email introduction for you to help educate and inform them and to address their environmental concerns.

In addition, several of the same residents are interested in discussing volunteer tree planting on City property to benefit the urban forest (and to provide them some additional screening). I shared that this would be something the residents should discuss with the appropriate staff at our sponsor, RCPA, and not DPI.

Are you comfortable with my making an email introduction and providing contact information to you? I would be happy to have Murphy and/or myself in attendance for any on site meeting with them to make sure we are responsive and make the most of the opportunity.

Many thanks for your time and consideration. Feel free to call me to discuss. I have a few meetings (and three kids at home that I am juggling with work) but will be as responsive as

possible.

Thank you sir,

Matt
ext 4122



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From: [Rod Simmons](#)
To: [Bob Williams](#)
Subject: RE: [EXTERNAL]Taylor Run - Meadow Pollinator Mix
Date: Tuesday, March 17, 2020 3:31:46 PM

Happy to - thanks!

From: Bob Williams <Bob.Williams@alexandriava.gov>
Sent: Tuesday, March 17, 2020 3:25 PM
To: Rod Simmons <Rod.Simmons@alexandriava.gov>
Subject: Fw: [EXTERNAL]Taylor Run - Meadow Pollinator Mix

Rod,

Could you please look at this list and make any recommendations? Could I have this back by next Monday? I appreciate your feedback.

Bob Williams, CPRP

Division Chief | Natural Resources
Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria
2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Chapla, Alex <AChapla@wetlands.com>
Sent: Tuesday, March 17, 2020 1:09 PM
To: Bob Williams <Bob.Williams@alexandriava.gov>
Cc: Staley, Nathan <nstaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>
Subject: [EXTERNAL]Taylor Run - Meadow Pollinator Mix

Good afternoon Bob,

Below is a link to the Ernst seed mix that we are using as a starting point for the meadow area as discussed in the open field. Our LA said that he thought this mix would be best for this application.

<https://www.ernstseed.com/product/mesic-to-dry-native-pollinator-mix/>

I know you have reservations about some of the mixes coming from Ernst. Do you have suggestions of substitutes of some species that you would like switched out?

Thank you!

Alex Chapla, PE | Project Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)

5300 Wellington Branch Drive, Suite 100 | Gainesville, Virginia 20155

direct: 703.679.5757 | cell: 571.334.4203 | main: 703.679.5600

achapla@wetlands.com | www.wetlands.com

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From: [Rod Simmons](#)
To: [Bob Williams](#)
Subject: Re: Taylor Run - Meadow Pollinator Mix
Date: Monday, March 23, 2020 5:02:06 PM

Hi Bob,

For educational purposes, it would be best to forward the following bulleted notes, as well as the reasoning behind the deletions. Feel free to have the landscape architect contact me directly as well, instead of running everything through a review funnel. It would be much more efficient and save time.

Re: RHS comments and review of Wetlands Studies and Solutions' recommendation of Ernst Seeds' "Mesic to Dry Native Pollinator Mix" for the open, mowed area beyond the Chinquapin Park trailhead are as follows:

- The overarching principles of Do No Harm, Keep It Natural, and Right Plant, Right Place should guide all planning and planting efforts in the City. Cultivars, horticultural selections, clones, etc., are not to be used. These genetically enhanced or selected plants pollute in situ gene pools and have been observed to outcompete and displace native flora and wildlife.
- Whenever possible, obtain locally sourced and propagated plant material from Earth Sangha Nursery - see [Wild Plant Nursery Species List](#) and earthsangha.org.
- Avoid mixes of seed material from Ernst Seed and other companies whose mixes are usually not appropriately matched/native to the site or whose seed usually contains contaminants such as Big Bluestem, etc. (Purchasing seed material separately is generally acceptable.)
- Blue False Indigo (*Baptisia australis*) is listed as "vulnerable" (S3) in Virginia (Townsend 2019) and is on the "Watch List". It is considered very poor practice to introduce rare species blindly into habitats, especially habitats where they do not naturally occur, such as the Taylor Run site.

Ernst Seeds' "Mesic to Dry Native Pollinator Mix"

*The gravelly, open mowed area between the Chinquapin Recreation Center and the Chinquapin Park trailhead is always dry but especially droughty in summer. None of the wetlands species listed below will survive or flourish here, even if a depression rain garden is fashioned, owing to the lack of a natural water table, soils of artificial fill, and a hydrology dependent on atmospheric moisture only.

*The PA and NC Ecotypes are fine for the approved species below.

*Less is often more with respect to planting lists. For species below without a suggested substitution, simply delete that species and increase seed percentages of other available approved species. Substitutions for some species below were not provided because it cannot be ascertained that certain species in the Ernst Seed catalog are pure to species or correctly identified. Therefore, it

is better to err on the side of caution and to not plant unknowns (Do No Harm).

Little Bluestem (*Schizachyrium scoparium*) is good, but do not use a cultivar or horticultural selection, i.e., "Camper" (see above).

Indian Grass (*Sorghastrum nutans*) is good, but do not use a cultivar or horticultural selection, i.e., "Tomahawk" (see above).

Virginia Wild Rye (*Elymus virginicus*) is ok. Southeastern Wild Rye (*Elymus glaberrimus*) would be better for this dry, gravelly site.

Purple Coneflower (*Echinacea purpurea*) is not acceptable for planting. It is not native to the mid-Atlantic or Virginia and is wholly out-of-place in natural areas and settings here.

Deer-Tongue Grass (*Dichanthelium clandestinum*) [= *Panicum clandestinum*] is not appropriate for the site. Do not use. Substitute with Purpletop (*Tridens flavus*).

Common Partridge-pea (*Chamaecrista fasciculata*) is good.

Lanceleaf Coreopsis (*Coreopsis lanceolata*) is not native to anywhere near Alexandria and is doubtfully native to Virginia. Do not use. Substitute with Early Goldenrod (*Solidago juncea*).

Black-eyed Susan (*Rudbeckia hirta*) is good.

Blue Vervain (*Verbena hastata*) is not appropriate for the site. Do not use. Substitute with Virginia Bush Clover (*Lespedeza virginica*).

Oxeye Sunflower (*Heliopsis helianthoides*) is not appropriate for the site. Do not use.

Swamp Milkweed (*Asclepias incarnata*) is not appropriate for the site. Do not use. Substitute with Common Milkweed (*Asclepias syriaca*).

New England Aster (*Symphotrichum novae-angliae*) is not appropriate for the site. Do not use. Substitute with Late Purple Aster (*Symphotrichum patens*).

Wild Senna (*Senna hebecarpa*) is not native to Alexandria and is not appropriate for the site. Do not use. Substitute with Narrow-leaf Sundrops (*Oenothera fruticosa*).

Narrow-leaf Mountain-mint (*Pycnanthemum tenuifolium*) is good.

Gray Goldenrod (*Solidago nemoralis*) is good.

Boneset (*Eupatorium perfoliatum*) is not appropriate for the site. Do not use.

Blue False Indigo (*Baptisia australis*) is not native to Alexandria and is not appropriate for the site.

Do not use.

White Avens (*Geum canadense*) is not appropriate for the site. Do not use. Substitute with Flowering Spurge (*Euphorbia corollata*).

Wild Bergmot (*Monarda fistulosa*) is good.

Ohio Spiderwort (*Tradescantia ohiensis*) is not native to Alexandria and is not appropriate for the site. Do not use.

Golden Alexanders (*Zizia aurea*) is not appropriate for the site. Do not use. Substitute with Yellow Wild Indigo (*Baptisia tinctoria*).

Tall White Beard-tongue (*Penstemon digitalis*) is ok.

Tall Flat-topped White Aster (*Doellingeria umbellata*) [= *Aster umbellatus*] is not appropriate for the site. Do not use.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

From: Bob Williams <Bob.Williams@alexandriava.gov>
Sent: Tuesday, March 17, 2020 3:25 PM
To: Rod Simmons <Rod.Simmons@alexandriava.gov>
Subject: Fw: [EXTERNAL]Taylor Run - Meadow Pollinator Mix

Rod,

Could you please look at this list and make any recommendations? Could I have this back by next Monday? I appreciate your feedback.

Bob Williams, CPRP

Division Chief | Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov

From: Chapla, Alex <AChapla@wetlands.com>

Sent: Tuesday, March 17, 2020 1:09 PM

To: Bob Williams <Bob.Williams@alexandriava.gov>

Cc: Staley, Nathan <nstaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>

Subject: [EXTERNAL]Taylor Run - Meadow Pollinator Mix

Good afternoon Bob,

Below is a link to the Ernst seed mix that we are using as a starting point for the meadow area as discussed in the open field. Our LA said that he thought this mix would be best for this application.

<https://www.ernstseed.com/product/mesic-to-dry-native-pollinator-mix/>

I know you have reservations about some of the mixes coming from Ernst. Do you have suggestions of substitutes of some species that you would like switched out?

Thank you!

Alex Chapla, PE | Project Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)

5300 Wellington Branch Drive, Suite 100 | Gainesville, Virginia 20155

direct: 703.679.5757 | cell: 571.334.4203 | main: 703.679.5600

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From: [Jesse Maines](#)
To: [Sarah Godfrey](#)
Cc: [Brian Rahal](#)
Subject: Taylor Run Stream Restoration - Outreach
Date: Thursday, March 26, 2020 3:24:03 PM

Hey Sarah,

Hope you're hanging in there. I know you busy with more important things than outreach for a stream restoration project. We wanted to pick your brain for 15 minutes on best methods to make this happen over the next month; given our current situation.

Some mix of good materials on the website, and whether it's a FB live or just can a presentation and send our info the associations.

If you have some time for a 15 minutes Teams with Brian and I that would be greatly appreciated.

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

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From: [Jesse Maines](#)
To: [Mark Jinks](#)
Cc: [Bob Williams](#); [Justin Wilson](#); [Yon Lambert](#); [William Skrabak](#)
Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration
Date: Friday, March 27, 2020 8:37:17 AM

Good morning Mark,

Will work with Bill and Yon for a draft response. Lots of incorrect assertions in the email. These have been addressed during outreach and will be addressed in the response.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Russell Bailey <rrussell.bailey@gmail.com>
Sent: Friday, March 27, 2020 2:05 AM
To: Mark Jinks <Mark.Jinks@alexandriava.gov>
Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Justin Wilson <justin.wilson@alexandriava.gov>
Subject: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Dear Mr. Jinks:

In the current re-evaluation of its budget Alexandria should be seeking to cut non-essential or less than essential projects. This is to suggest that Alexandria defer the proposed Taylor Run stream restoration project. The project is likely to be highly controversial as it receives further public vetting, is not necessary at the moment to meet the City's water pollution reduction goals under its Chesapeake Bay Action Plan, and deferral would reduce the City's expenses in the near term by \$2.25 million.

Discussion:

I am a resident of Alexandria who uses the City's parks almost daily, including Taylor Run frequently. For the reasons set out below, I have been concerned that the proposed stream restoration project for Taylor Run Valley may have greater environmental and "quality of life" costs than benefits. I believe that the City should postpone the project until a fuller assessment of the environmental pros and cons and alternative ways of reducing storm water runoff into the stream can be evaluated. Given that the restoration is not necessary to meet Alexandria's current Chesapeake Bay pollution reduction obligations, deferral of the project would be a good cost reduction step in the current budget revision.

According to a City fact sheet, the project would reduce phosphorus and nitrogen runoff by 30 percent and 9 percent respectively. These numbers, however, were reached not by a site-specific analysis but by the application of a generic formula. Thus, the actual pollution reduction that would be realized is not known.

On the other hand, the project would require the cutting of a large number (maybe several hundred) of mature native trees and the stripping of what would be a significantly widened stream bed. As far as I am aware, the pollution reduction value of the trees that would be removed has not been calculated though it is likely to be considerable. This value could possibly be greater than the pollution reduction value of the "restoration." In other words, the project could be counter productive as an environmental matter. (I would note that two of the purported benefits the City has cited are invasive removal and improved wildlife habitat seem to be a bit "make weight." Through intensive efforts by the City over the last several years virtually all the invasive species on the City's portion of the valley have been eradicated, and the wildlife in the park is doing quite well right now.)

As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria's natural gems. As such, it should receive special attention and efforts to maintain this status. The valley is filled with many large (in some cases massive) native trees. There is also a unusual wetlands and a seepage swamp that is not only unique to Alexandria but rare elsewhere as well. The wetlands and swamp contain an extraordinary variety of ferns, sedges and wildflowers that could be jeopardized by the project. The plan is to try to protect these fecund areas, but with the project's planned raising of the stream bed, the jeopardy to them will be increased. Also, while the plan is to replant native trees and shrubs along the stream and hillside, the fact is that no one receiving or sending this e-mail will be alive to see the forest restored to what it already is today.

In these circumstances, the project should be postponed. Alexandria expects to "far exceed" its 40 percent pollution reduction requirement specified in Phase 2 (2018-2023) of its Chesapeake Bay Action Plan without the Taylor Run project, or even the Taylor Run and two other projects - Strawberry Hill and Lucky Run - collectively. See Alexandria's Phase 2 Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan for 40% Compliance, pp. 3 and 23. (Note that the Taylor Run project is by far the most expensive of the three projects but does not seem to produce a clearly greater pollution reduction.)

In sum, the pros and cons of the Taylor Run project need a deeper look, including a look at potentially less expensive ways of meeting pollution goals by keeping storm water out of the stream as an initial matter. Postponement of the project would allow this assessment and would at the same time help the City's efforts to reduce expenses as it amends its proposed budget in light of the likely revenue reductions caused by the current national health emergency.

Thank you for your careful consideration of these views.

Sincerely,

Russell Bailey
705 North Overlook Drive
571-696-5534

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From: [Jesse Maines](#)
To: [Sarah Godfrey](#)
Cc: [Brian Rahal](#)
Subject: Re: Taylor Run Stream Restoration - Outreach
Date: Friday, March 27, 2020 1:05:59 PM

Thanks Sarah. Will check calendars for early next week.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On Mar 27, 2020, at 12:06 PM, Sarah Godfrey
<sarah.godfrey@alexandriava.gov> wrote:

Hey Jesse,

Thanks--hope you're hanging in there, too.

I'm never too busy for stream restoration—happy to chat with you and Brian. Monday is slightly better than today, but I could do late this afternoon (after 3:30) if you want to talk sooner rather than later.

Thanks,
Sarah

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, March 26, 2020 3:24 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Stream Restoration - Outreach

Hey Sarah,

Hope you're hanging in there. I know you busy with more important things than outreach for a stream restoration project. We wanted to pick your brain for 15 minutes on best methods to make this happen over the next month; given our current situation.

Some mix of good materials on the website, and whether it's a FB live or just can a

presentation and send our info the associations.

If you have some time for a 15 minutes Teams with Brian and I that would be greatly appreciated.

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Links and Paths to Work Items
Date: Friday, March 27, 2020 5:08:35 PM

There. That should keep him busy for a while. This would be easy if we were still in the office. Still adjusting. And this tablet isn't all that ergonomic. *ouch*

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, March 27, 2020 4:17 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Links and Paths to Work Items

Absolutely.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Friday, March 27, 2020 4:16 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Links and Paths to Work Items

That's fine, just give me half a second... I was literally composing an email...

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, March 27, 2020 4:03 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Links and Paths to Work Items

I initially sent these to him on Wednesday, March 18. I thought about the SLAF documents for background since that is a better overview of these projects than just the project folder, so I sent that too. He's asking about a CWP conference and training. If he knows the projects inside and out, let's get him working on something else if he's looking for something to do.

It's a weird situation for him to step into and for you to have to manage with a new employee. I'm just trying to help. Some people need more hands on and he strikes me as one of those folks.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Friday, March 27, 2020 3:58 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Links and Paths to Work Items

Dude. You ask me to do something, then you do it.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, March 27, 2020 3:56 PM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Links and Paths to Work Items

Sorry, one other one.

The Phase III Stream Assessment report (location link) will give you an idea of 'how' we prioritized potential projects and 'why' we picked the top two projects – Strawberry Run and Taylor Run. The [SLAF documents](#) will give you some background as well as we were awarded grants for those two.

Hey, I know this is a weird setup to get thrown into. First day is COVID-19 and we're fully teleworking. It's tough on both of you. If it would be helpful to just set up some Teams meetings – either now or after you get some background on these projects – then let's do that. I'll leave it to you both if that works best.

Thanks for dealing with jumping in the middle of a tough situation. We'll work through it and come out the other side nicely.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Friday, March 27, 2020 3:46 PM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Links and Paths to Work Items

Hey Altan,

Wanted to make sure you were becoming familiar with this project information in the first email. Here are some additional ones:

- Focus on the Urban Stream Restoration Expert Panel Report, as it pertains to the restoration projects you are to lead: S:\envqlty\Stormwater\Chesapeake Bay Program
- Same folder: Outfall and Gully Rehabilitation: this will be applicable to the work done on a trib that is within the project boundaries for Strawberry Run

Please become familiar with these and include them in your discussions with Brian so he can help fill in the gaps.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Wednesday, March 18, 2020 11:39 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Links and Paths to Work Items

Altan,

If the links don't open, try using the path as a guide and go into the folder and navigate there. Also, Brian may be able to help as he's the best equipped in our group to answer IT questions.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Sent: Wednesday, March 18, 2020 11:18 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Re: Links and Paths to Work Items

Thank you Jesse

I do have some issues to open the network folders and just send an email to the IT.

I will review them as soon as when I have the access .

Please do not hesitate to call my cell if you have any questions or concerns

Regards

Altan

703 819-5887

Sent from my iPhone

On Mar 18, 2020, at 10:34 AM, Jesse Maines <Jesse.Maines@alexandriava.gov> wrote:

Hey Altan,

Here are some links / paths to info for you to get up to speed. Brian will have others.

- Environmental Management Ordinance: Development regulations (attached) or [online Article XIII of Zoning Ordinance](#)
- Floodplain ordinance [sec. 6-300](#)
- CIP projects: Stream Restoration for Bay TMDL
 - [Lucky Run](#)
 - [Strawberry Run](#)
 - [Taylor Run](#)
- [Phase III Stream Assessment](#): Background for why Strawberry and Taylor prioritized
- [Four Mile Run Flood Control Project](#)

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

T&ES Stormwater Management

City of Alexandria, Virginia

Direct: 703.746.4643

Mobile: 571.414.8237



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<ARTICLE_XIII.____ENVIRONMENTAL_MANAGEMENT.pdf>

From: [Brian Rahal](#)
To: [Conner, Lauren](#); [Syed Imran](#); [Jesse Maines](#); [Napier, Sarah J](#)
Cc: [Blevins, Christie](#); [Staley, Nathan](#); [Chapla, Alex](#); [Altan Erginkoc](#)
Subject: RE: [EXTERNAL]Taylor Run Stream Restoration NWP #27 PCN
Date: Friday, March 27, 2020 5:12:14 PM
Importance: High

All,

The Stormwater Management group has a new engineer to pick up where his predecessor left off. Please include Altan in all communications and meeting invites. His contact information is below:

Altan Erginkoc

Civil Engineer III
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
W: 703-746-4174
M: 703-819-5887

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Conner, Lauren <lconner@wetlands.com>
Sent: Friday, March 27, 2020 5:07 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Blevins, Christie <CBlevins@wetlands.com>; Staley, Nathan <nstaley@wetlands.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: [EXTERNAL]Taylor Run Stream Restoration NWP #27 PCN

Good afternoon everyone,

The Nationwide Permit #27 Pre-Construction Notification (PCN) was submitted to the Army Corps this afternoon. An electronic copy of this PCN request was also provided to VMRC, with a courtesy copy to DEQ, via VITASHARE this afternoon as well.

Please use the following link to access this submission package.

[Click Here to Download Files](#)

If you would like a hard copy of this PCN, please let me know and we can get a copy sent to you on Monday. Please don't hesitate to contact me if you have any questions.

Thank you,

Lauren

Lauren Conner, Senior Regulatory Specialist

[Wetland Studies and Solutions, Inc.](#)

703.679.5649

From: Conner, Lauren

Sent: Friday, March 27, 2020 5:01 PM

To: Augustine, Theresita Crockett CIV USARMY CENAO (USA) <Theresita.M.Crockett-Augustine@usace.army.mil>

Cc: Staley, Nathan <NStaley@wetlands.com>; Blevins, Christie <CBlevins@wetlands.com>

Subject: Taylor Run Stream Restoration NWP #27 PCN

Good afternoon Terri,

Please follow the link provided below to access the NWP #27 PCN request for the Taylor Run Stream Restoration project in the City of Alexandria.

[Click Here to Download Files](#)

This submission package was delivered to VMRC, as well as a courtesy copy to DEQ, via VITASHARE earlier this afternoon. If you have any questions or have any difficulty in accessing this file, please don't hesitate to contact me. I would also like to verify if you would like to receive a hard copy of the oversized map, as I know that you are working from home during this COVID-19 situation.

Thank you,

Lauren

Lauren L. Conner, PWS, PWD | Senior Regulatory Specialist

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)

5300 Wellington Branch Drive, Suite 100 | Gainesville, Virginia 20155

direct: 703.679.5649 | cell: 571.329.0405 | main: 703.679.5600

lconner@wetlands.com | www.wetlands.com

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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: FW: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration
Date: Thursday, April 2, 2020 2:32:16 PM
Attachments: [FY 2021 Budget Memo TaylorRun TES-SWM v1.docx](#)

From resident below. Long budget memo draft attached. Bill is unresponsive so far. Was due to Alicia on Wed.

Did you get my BB signs email?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Alicia Wright <alicia.wright@alexandriava.gov>
Sent: Thursday, April 2, 2020 1:16 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Tarrence Moorer <tarrence.moorer@alexandriava.gov>
Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Bill – checking in to see if you have any comments/edits on the attached.

Alicia N. Wright
Fiscal Officer II, Budget & Procurement
Strategic Management Services
Transportation & Environmental Services
703.746.4018

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, April 2, 2020 9:13 AM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>
Cc: Alicia Wright <alicia.wright@alexandriava.gov>
Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Wanted to make sure this doesn't fall off the radar.

Thanks,

Jesse Maines, MPA, PMP

Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Tuesday, March 31, 2020 4:34 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>
Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Bill,

Attached is the draft budget memo in response to the Taylor Run Stream Restoration project. It is lengthy, but I believe this was warranted to address Mr. Bailey's assertions and provides context for those unfamiliar. Always easier to cut than add.

Separately, I'm also reaching out to Sarah to see next steps for our next 'outreach' meeting. Going to employ virtual tools as needed. A good portion of this info will get included on our [SW Infrastructure Project Page](#).

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Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: William Skrabak <William.Skrabak@alexandriava.gov>
Sent: Friday, March 27, 2020 11:48 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>
Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

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From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, March 27, 2020 10:27 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>
Cc: William Skrabak <William.Skrabak@alexandriava.gov>

Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Yon,

When you get a chance, can you share the Mayor's question with me. Also, if you'd like to talk strategy. I'll start putting together the technical response and rebuttal to these claims.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>

Sent: Friday, March 27, 2020 8:41 AM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Mark Jinks <Mark.Jinks@alexandriava.gov>; Morgan Routt <Morgan.Routt@alexandriava.gov>

Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Justin Wilson <justin.wilson@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

The Mayor separately asked for a budget memo on this, so T&ES will work with OMB using the budget memo as the vehicle for response.

Thanks,

Yon

Yon Lambert, AICP | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

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Sent: Friday, March 27, 2020 8:37 AM

To: Mark Jinks <Mark.Jinks@alexandriava.gov>

Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Justin Wilson <justin.wilson@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Good morning Mark,

Will work with Bill and Yon for a draft response. Lots of incorrect assertions in the email. These have been addressed during outreach and will be addressed in the response.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Russell Bailey <rrussell.bailey@gmail.com>
Sent: Friday, March 27, 2020 2:05 AM
To: Mark Jinks <Mark.Jinks@alexandriava.gov>
Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Justin Wilson <justin.wilson@alexandriava.gov>
Subject: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Dear Mr. Jinks:

In the current re-evaluation of its budget Alexandria should be seeking to cut non-essential or less than essential projects. This is to suggest that Alexandria defer the proposed Taylor Run stream restoration project. The project is likely to be highly controversial as it receives further public vetting, is not necessary at the moment to meet the City's water pollution reduction goals under its Chesapeake Bay Action Plan, and deferral would reduce the City's expenses in the near term by \$2.25 million.

Discussion:

I am a resident of Alexandria who uses the City's parks almost daily, including Taylor Run frequently. For the reasons set out below, I have been concerned that the proposed stream restoration project for Taylor Run Valley may have greater environmental and "quality of life" costs than benefits. I believe that the City should postpone the project until a fuller assessment of the environmental pros and cons and alternative ways of reducing storm water runoff into the stream can be evaluated. Given that the restoration is not necessary to meet Alexandria's current Chesapeake Bay pollution reduction obligations, deferral of the project would be a good cost reduction step in the current budget revision.

According to a City fact sheet, the project would reduce phosphorus and nitrogen runoff by 30 percent and 9 percent respectively. These numbers, however, were reached not by a site-specific analysis but by the application of a generic formula. Thus, the actual pollution reduction that would be realized is not known.

On the other hand, the project would require the cutting of a large number (maybe several hundred)

of mature native trees and the stripping of what would be a significantly widened stream bed. As far as I am aware, the pollution reduction value of the trees that would be removed has not been calculated though it is likely to be considerable. This value could possibly be greater than the pollution reduction value of the "restoration." In other words, the project could be counter productive as an environmental matter. (I would note that two of the purported benefits the City has cited are invasive removal and improved wildlife habitat seem to be a bit "make weight." Through intensive efforts by the City over the last several years virtually all the invasive species on the City's portion of the valley have been eradicated, and the wildlife in the park is doing quite well right now.)

As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria's natural gems. As such, it should receive special attention and efforts to maintain this status. The valley is filled with many large (in some cases massive) native trees. There is also a unusual wetlands and a seepage swamp that is not only unique to Alexandria but rare elsewhere as well. The wetlands and swamp contain an extraordinary variety of ferns, sedges and wildflowers that could be jeopardized by the project. The plan is to try to protect these fecund areas, but with the project's planned raising of the stream bed, the jeopardy to them will be increased. Also, while the plan is to replant native trees and shrubs along the stream and hillside, the fact is that no one receiving or sending this e-mail will be alive to see the forest restored to what it already is today.

In these circumstances, the project should be postponed. Alexandria expects to "far exceed" its 40 percent pollution reduction requirement specified in Phase 2 (2018-2023) of its Chesapeake Bay Action Plan without the Taylor Run project, or even the Taylor Run and two other projects - Strawberry Hill and Lucky Run - collectively. See Alexandria's Phase 2 Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan for 40% Compliance, pp. 3 and 23. (Note that the Taylor Run project is by far the most expensive of the three projects but does not seem to produce a clearly greater pollution reduction.)

In sum, the pros and cons of the Taylor Run project need a deeper look, including a look at potentially less expensive ways of meeting pollution goals by keeping storm water out of the stream as an initial matter. Postponement of the project would allow this assessment and would at the same time help the City's efforts to reduce expenses as it amends its proposed budget in light of the likely revenue reductions caused by the current national health emergency.

Thank you for your careful consideration of these views.

Sincerely,

Russell Bailey
705 North Overlook Drive
571-696-5534

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From: [Brian Rahal](#)
To: [Jesse Maines](#); [Murphy Ng](#)
Cc: [Altan Erginkoc](#); [Matthew Landes](#)
Subject: RE: Strawberry Run
Date: Thursday, April 2, 2020 2:38:48 PM

I've been working with Troy to get Altan access. They're working on it.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, April 2, 2020 2:35 PM
To: Murphy Ng <Murphy.Ng@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Strawberry Run

Thanks Murphy. Can you please resend the SharePoint link, as I'm not sure I've included it in favorites. Also please make sure Altan has access if he doesn't already.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Murphy Ng <Murphy.Ng@alexandriava.gov>
Sent: Thursday, April 2, 2020 2:28 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Strawberry Run

Hey Jesse,

Troy is usually the one to capture meeting minutes and upload them on sharepoint. I will send out a teams meeting invite for next Tuesday April 7 (9-10 am).

Thanks,

Murphy Ng, PE
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703.746.4699 (Direct)
alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Thursday, April 2, 2020 2:17 PM

To: Murphy Ng <Murphy.Ng@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: Strawberry Run

Hey Murphy,

After our meeting yesterday it dawned on me that I'm not clear who is taking meeting notes. I got your update and it captures things at the level it should. But wasn't sure who is capturing the discussion and decisions at these meetings.

I talked to Troy today, following up on your conservation. Thanks for getting him to understand that he needs to focus on designing to the budget and will provide an updated 60% cost estimate. While always important, it is especially true given the fiscal environment created by the COVID pandemic. Because of this, we'll also need to look at the design and construction for the new trib/outfall. We'll need to see if we can move forward with this, knowing it's outside of budget. Or if we need to minimally address stabilization understanding it is a sediment source; but we have upstream sediment sources on the main stem as well.

He also mentioned that a pre-bid conference would likely be very beneficial to highlight items, like using onsite cobble for the project, and would likely yield better competition for the ITB for construction.

Finally, on our last Taylor Run call we discussed next steps for outreach given or heavy virtual environment. We'll need to do some outreach on this projects as well. Taylor Run was called out by a resident asking why we're doing the project – giving lots of 'reasons' or assertions to address.

Should we go ahead and set up a meeting to discuss per the Status Report?

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

www.alexandriava.gov/Stormwater



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From: [Jesse Maines](#)
To: [Alicia Wright](#); [William Skrabak](#)
Cc: [Tarrence Moorer](#); [Brian Rahal](#); [Altan Erginkoc](#)
Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration
Date: Thursday, April 2, 2020 3:02:20 PM
Attachments: [FY 2021 Budget Memo TaylorRun TES-SWM v2.docx](#)

Alicia,

Please see attached budget memo that incorporates Bill's comments.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Alicia Wright <alicia.wright@alexandriava.gov>
Sent: Thursday, April 2, 2020 1:16 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Tarrence Moorer <tarrence.moorer@alexandriava.gov>
Subject: RE: [EXTERNAL]Recommended item to cut from City budget: Taylor Run Stream Restoration

Bill – checking in to see if you have any comments/edits on the attached.

Alicia N. Wright
Fiscal Officer II, Budget & Procurement
Strategic Management Services
Transportation & Environmental Services
703.746.4018

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Jesse Maines, MPA, PMP

Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

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Yon Lambert, AICP | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

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Thank you for your careful consideration of these views.

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Russell Bailey
705 North Overlook Drive
571-696-5534

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From: [Jesse Maines](#)
To: [Brian Rahal](#); [Altan Erginkoc](#)
Subject: Taylor Run Budget Memo
Date: Thursday, April 2, 2020 3:03:17 PM

Latest v2 was sent and saved here:

\\alexgov.net\TES01\TES\$\envqlty\Stormwater\Budget\FY2021\Work Sessions\Budget Qs and Memos

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

www.alexandriava.gov/Stormwater



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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: Automatic reply: Taylor Run Public information meeting
Date: Monday, April 6, 2020 6:46:23 PM

I will be out of the office beginning the afternoon of Monday, April 6, 2020. Returning Monday, April 13, 2020. I will have limited access to email and may be available via my mobile phone.

Please call (703) 746-6499 in my absence if you need assistance.

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov



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From: [Jesse Maines](#)
To: [Syed Imran](#); [Brian Rahal](#); [Altan Erginkoc](#)
Cc: [Matthew Landes](#)
Subject: RE: Taylor Run Public information meeting
Date: Monday, April 6, 2020 6:46:22 PM

Hey Syed,

Thanks for the follow up. Will touch base with her this week. I'm just trying to be aware that she is slammed with COVID info.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, April 6, 2020 4:54 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: Taylor Run Public information meeting

Hi Jesse,
Since Brian is out, did you get chance to discuss public outreach with Sarah ? Let me know, if you need assistance with anything.

Thanks,
Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Brian Rahal](#)
To: [Jesse Maines](#); [Jessica Lassetter](#)
Subject: RE: WQWG - Going to cancel
Date: Monday, April 13, 2020 3:07:13 PM

My edits in red, below.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, April 13, 2020 2:53 PM
To: Jessica Lassetter <jessica.lassetter@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: WQWG - Going to cancel

Hey Jess,

Was going to cancel and wanted to send an update in lieu. Can you please put this together for the group and send out? Include a lead in "hope you staying safe...canceling the meeting...here's update. Brian may chime in if I'm misrepresenting anything in the projects.

Ben Brenman Pond Retrofit

- Most of the structural is done
- Planting in progress (some delays due to PA shutdown)

Lucky Run Stream Restoration

- Design Complete
- Bid Docs done
- Final Easement negotiation

Strawberry Run Stream Restoration

- Finishing 90% design

Taylor Run Stream Restoration

- Finishing 90% design

Illicit Discharge Response during COVID-19

- Staff is monitoring 311 and responding as necessary per the COOP

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: URS Environmental Services Contract (RFP 0000292)
Date: Wednesday, April 15, 2020 3:26:49 PM

It's not overbilling until they ask for more than the PO total.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Wednesday, April 15, 2020 3:24 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Jordan J. Howar <Jordan.Howar@alexandriava.gov>; Randy Burns <Randy.Burns@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: URS Environmental Services Contract (RFP 0000292)

Syed,

Have they tried to bill at the requested rate increase that we were reviewing?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Wednesday, April 15, 2020 3:00 PM
To: Jordan J. Howar <Jordan.Howar@alexandriava.gov>; Randy Burns <Randy.Burns@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: URS Environmental Services Contract (RFP 0000292)

Hi Randy/Jorden,

URS is over billing some Tasks in latest invoice for Taylor Run Stream Restoration project. I have highlighted (Overbilled) tasks in attached invoice and fee proposal for your review and recommendation? Some of these tasks are subdivided within overall assigned task amount but under Task B (Other directs costs) one item is 74% higher than proposed fee. Please let me know if you have any questions.

Thanks,

Syed

From: Syed Imran
Sent: Monday, April 13, 2020 10:06 AM
To: Jordan J. Howar <Jordan.Howar@alexandriava.gov>
Cc: Randy Burns <Randy.Burns@alexandriava.gov>
Subject: RE: URS Environmental Services Contract (RFP 0000292)

Thank you all for quick response and stay well!

From: Jordan J. Howar <Jordan.Howar@alexandriava.gov>
Sent: Monday, April 13, 2020 9:56 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Randy Burns <Randy.Burns@alexandriava.gov>
Subject: RE: URS Environmental Services Contract (RFP 0000292)

Please see attached for a copy of the contract. If you need any additional information, please let me know. You can also find a copy of the contract documents under contract #1191 in Munis.

Jordan Howar
Purchasing Analyst
City of Alexandria, Purchasing Division
(703)746-3997

From: Randy Burns <Randy.Burns@alexandriava.gov>
Sent: Monday, April 13, 2020 9:48 AM
To: Jordan J. Howar <Jordan.Howar@alexandriava.gov>
Subject: FW: URS Environmental Services Contract (RFP 0000292)

Please assist him - thanks

Randy Burns, CPPB
Purchasing Agent
City of Alexandria, VA
703.746.4697

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, April 13, 2020 9:42 AM
To: Randy Burns <Randy.Burns@alexandriava.gov>
Subject: URS Environmental Services Contract (RFP 0000292)

Good Morning Randy,

I hope you and your family are well. Please send me copy of URS Environmental Services Contract (RFP 0000292). I need to confirm something about their billing on Taylor Run Project.

Thanks,

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Jesse Maines](#)
To: [Brian Rahal](#); [Altan Erginkoc](#); [Matthew Landes](#); [Syed Imran](#); [Murphy Ng](#)
Subject: FW: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration
Date: Wednesday, April 22, 2020 10:09:13 AM

Good morning Gentlemen:

Just wanted to make you aware of more coming from this vocal minority. The first email/letter – which is pretty much if not exactly the same as the info below “Discussion” – was sent to the Mayor and Council about cutting funding for the Taylor Run project. (I provided a budget memo to OMB/CMO to address these assertions.)

The latest now has been these be addressed to Governor Northam, Sec. Strickler, and Dir. Paylor. Bill and I are meeting with the CMO next week to discuss. Just wanted you all to be aware this small group of folks are trying to use COVID for their purposes.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Russell Bailey <rrussell.bailey@gmail.com>
Sent: Monday, April 20, 2020 7:39 AM
To: Bob Williams <Bob.Williams@alexandriava.gov>; David.Paylor@deq.virginia.gov; Jesse Maines <Jesse.Maines@alexandriava.gov>; Justin Wilson <justin.wilson@alexandriava.gov>; Mark Jinks <Mark.Jinks@alexandriava.gov>; Matt.Strickler@governor.virginia.gov; Ralph.Northam@governor.virginia.gov; William.Isenberg@deq.virginia.gov
Subject: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration

Dear Governor Northam, Mr. Strickler and Mr. Paylor:

The State has made a \$2.25 million Stormwater Local Assistance Fund (SLAF) grant to the City of Alexandria to undertake a "stream restoration" for the City's Taylor Run. This is to urge you to terminate that grant or defer it until a further assessment of the project is made. As explained below, the project is not necessary to meet Alexandria's current Chesapeake Bay pollution reduction requirements. Moreover, as also explained, it is quite possible that the project will have net negative environmental and "quality of life" effects. At a time of a national health and economic emergency, when both Alexandria and the State are looking for ways to reduce unnecessary expenditures, the savings that would come terminating or postponing the Taylor Run project can be a meaningful contribution to those efforts. The background and arguments below were submitted to key Alexandria government officials three weeks ago and Alexandria is reviewing the project.

Those officials are all copied on this letter.

Discussion:

I am a long-time resident of Alexandria who uses the City's parks almost daily, including Taylor Run frequently. For the reasons set out below, I am concerned that the proposed stream restoration project for Taylor Run Valley may have greater environmental and "quality of life" costs than benefits. I believe that the State and City should either terminate the project or postpone it until a fuller assessment of the environmental pros and cons and alternative ways of reducing storm water runoff into the stream can be evaluated. Given that the restoration is not necessary to meet Alexandria's current Chesapeake Bay pollution reduction obligations, terminating or postponing the project would be a sensible cost reduction step.

According to a City-provided fact sheet, the Taylor Run project is expected to reduce phosphorus and nitrogen runoff by 30 percent and 9 percent respectively. These numbers, however, were reached not by a site-specific analysis but by the application of a generic formula. Thus, the actual pollution reduction that would be realized is not known.

The shortcomings of using a formula as opposed to doing a site-specific evaluation are demonstrated by what is known about the Taylor Run proposal. The project would require the cutting of a large number (maybe several hundred) of mature native trees and the stripping of what is envisioned to be a significantly widened stream bed. As far as I am aware, the pollution reduction value of the trees that would be removed has not been calculated, though it is likely to be considerable. This value could possibly be greater than the pollution reduction value of the "restoration." In other words, the project could be counter productive as an environmental matter. (I would note that two of the purported benefits that have been cited - the removal of invasive plants and improved wildlife habitat - are not convincing. Through intensive efforts by the City over the last several years virtually all the invasive species on the City's portion of the valley have been eradicated, and wildlife is flourishing in the park right now.)

As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria's natural gems. As such, it should receive special attention and efforts to maintain this status. The valley is filled with many large (in some cases massive) native trees. There is also an unusual wetlands and a seepage swamp that is not only unique to Alexandria but rare elsewhere as well. The wetlands and swamp contain an extraordinary variety of ferns, sedges and wildflowers that could be jeopardized by the project. The plan is to try to protect these fecund areas, but with the project's planned raising of the stream bed, the jeopardy to them will be increased. Also, while the plan is to replant native trees and shrubs along the stream and hillside, the fact is that no one receiving or sending this e-mail will be alive to see the forest restored to what it already is today.

In these circumstances, the project should be terminated or postponed. Alexandria expects to "far exceed" its 40 percent pollution reduction requirement specified in Phase 2 (2018-2023) of its Chesapeake Bay Action Plan without undertaking the Taylor Run project. See Alexandria's Phase 2 Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan for 40% Compliance, pp. 3 and 23.

(You will note that Taylor Run is far and away the most costly of the City's proposed stream restoration projects but is not projected significantly more pollution reduction.)

In sum, the Taylor Run project should be terminated. At a minimum, the pros and cons of the Taylor Run project need a deeper look, including a look at potentially less expensive ways of meeting pollution goals by keeping storm water out of the stream as an initial matter. Postponement of the project would allow this assessment. Either termination or postponement would help the State's and City's efforts to reduce expenses as they rework their budgets in light of the likely revenue reductions caused by the current national health and economic emergency.

Thank you for your careful consideration of these views.

Sincerely,

Russell Bailey
705 North Overlook Drive
Alexandria, Virginia 22305
571-696-5534

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: FW: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration
Date: Wednesday, April 22, 2020 12:48:37 PM

My 2cents:

We are here to implement the CMO's plans. The response from the city on this letter to the VA Governor's office should come from CMO as a statement of fact, this is what we're doing. Then move on, and not engage with these people to try and convince them of something their main motivation/purpose is dependent upon them not being convinced.

From: Matthew Landes <Matthew.Landes@alexandriava.gov>
Sent: Wednesday, April 22, 2020 12:29 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Murphy Ng <Murphy.Ng@alexandriava.gov>
Cc: Terry Suehr <terry.suehr@alexandriava.gov>
Subject: Re: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration

Jesse -

Thanks for the heads up. After your discussion with Mark please let me know if this warrants specific engagement with those submitting comments against the project and we can discuss a strategy.

Thank you,

Matthew Landes, PLA, ISA

Acting Division Chief

City of Alexandria, Virginia

Department of Project Implementation

[703.746.4122](tel:703.746.4122) (Direct)

[571.289.5634](tel:571.289.5634) (Mobile)

alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Wednesday, April 22, 2020 10:09 AM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Murphy Ng <Murphy.Ng@alexandriava.gov>

Subject: FW: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration

Good morning Gentlemen:

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The latest now has been these be addressed to Governor Northam, Sec. Strickler, and Dir. Paylor. Bill and I are meeting with the CMO next week to discuss. Just wanted you all to be aware this small group of folks are trying to use COVID for their purposes.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Russell Bailey <rrussell.bailey@gmail.com>

Sent: Monday, April 20, 2020 7:39 AM

To: Bob Williams <Bob.Williams@alexandriava.gov>; David Paylor <David.Paylor@deq.virginia.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Justin Wilson <justin.wilson@alexandriava.gov>; Mark Jinks <Mark.Jinks@alexandriava.gov>; Matt Strickler <Matt.Strickler@governor.virginia.gov>; Ralph Northam <Ralph.Northam@governor.virginia.gov>; William Isenberg <William.Isenberg@deq.virginia.gov>

Subject: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration

Dear Governor Northam, Mr. Strickler and Mr. Paylor:

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emergency, when both Alexandria and the State are looking for ways to reduce unnecessary expenditures, the savings that would come terminating or postponing the Taylor Run project can be a meaningful contribution to those efforts. The background and arguments below were submitted to key Alexandria government officials three weeks ago and Alexandria is reviewing the project. Those officials are all copied on this letter.

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According to a City-provided fact sheet, the Taylor Run project is expected to reduce phosphorus and nitrogen runoff by 30 percent and 9 percent respectively. These numbers, however, were reached not by a site-specific analysis but by the application of a generic formula. Thus, the actual pollution reduction that would be realized is not known.

The shortcomings of using a formula as opposed to doing a site-specific evaluation are demonstrated by what is known about the Taylor Run proposal. The project would require the cutting of a large number (maybe several hundred) of mature native trees and the stripping of what is envisioned to be a significantly widened stream bed. As far as I am aware, the pollution reduction value of the trees that would be removed has not been calculated, though it is likely to be considerable. This value could possibly be greater than the pollution reduction value of the "restoration." In other words, the project could be counter productive as an environmental matter. (I would note that two of the purported benefits that have been cited - the removal of invasive plants and improved wildlife habitat - are not convincing. Through intensive efforts by the City over the last several years virtually all the invasive species on the City's portion of the valley have been eradicated, and wildlife is flourishing in the park right now.)

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In sum, the Taylor Run project should be terminated. At a minimum, the pros and cons of the Taylor Run project need a deeper look, including a look at potentially less expensive ways of meeting pollution goals by keeping storm water out of the stream as an initial matter. Postponement of the project would allow this assessment. Either termination or postponement would help the State's and City’s efforts to reduce expenses as they rework their budgets in light of the likely revenue reductions caused by the current national health and economic emergency.

Thank you for your careful consideration of these views.

Sincerely,

Russell Bailey
705 North Overlook Drive
Alexandria, Virginia 22305
571-696-5534

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From: [Jesse Maines](#)
To: [Matthew Landes](#); [Brian Rahal](#); [Altan Erginkoc](#); [Syed Imran](#); [Murphy Ng](#)
Cc: [Terry Suehr](#)
Subject: RE: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration
Date: Thursday, April 23, 2020 11:27:00 AM

Since the first email one was sent to Mayor/CMO, it will be the subject of the budget memo. The second one was directed to the Governor/Sec DNR/Dir VDEQ, so they would be the ones responding as that is a state SLAF question. We're meeting soon with the CMO and will be up to him to recommend whether we respond directly to the resident or the state.

My thought is Gov/GA is going to do what they need to do at the state level. Here's yesterday's press release on the latest GA action: <https://www.governor.virginia.gov/newsroom/all-releases/2020/april/headline-856287-en.html>

I heard that they amended the budget with language that provides flexibility if they decide to pull any of the \$50M of SLAF in the original FY2021 budget. But remains to be seen if FY2021 will change: We will reconvene later this summer to adjust the state budget when the economic and financial impacts of the pandemic become clearer.

Depending on how deep the cuts, and the commitment to the Bay, whether FY2019 (Taylor & Strawberry) or prior funding (Lucky Run and Ben Brenman) that has not yet been fully disbursed would be in jeopardy. VAMSA is engaged.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Matthew Landes <Matthew.Landes@alexandriava.gov>
Sent: Wednesday, April 22, 2020 12:29 PM
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Cc: Terry Suehr <terry.suehr@alexandriava.gov>
Subject: Re: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run Stream Restoration

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City of Alexandria, Virginia

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Matthew Landes <Matthew.Landes@alexandriava.gov>; Syed Imran
<Syed.Imran@alexandriava.gov>; Murphy Ng <Murphy.Ng@alexandriava.gov>

Subject: FW: [EXTERNAL]Recommended item to cut from State budget: Alexandria Taylor Run
Stream Restoration

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I am a long-time resident of Alexandria who uses the City's parks almost daily, including Taylor Run frequently. For the reasons set out below, I am concerned that the proposed stream restoration project for Taylor Run Valley may have greater environmental and "quality of life" costs than benefits. I believe that the State and City should either terminate the project or postpone it until a fuller assessment of the environmental pros and cons and alternative ways of reducing storm water runoff into the stream can be evaluated. Given that the restoration is not necessary to meet Alexandria's current Chesapeake Bay pollution reduction obligations, terminating or postponing the project would be a sensible cost reduction step.

According to a City-provided fact sheet, the Taylor Run project is expected to reduce phosphorus and nitrogen runoff by 30 percent and 9 percent respectively. These numbers, however, were reached not by a site-specific analysis but by the application of a generic formula. Thus, the actual pollution reduction that would be realized is not known.

The shortcomings of using a formula as opposed to doing a site-specific evaluation are demonstrated by what is known about the Taylor Run proposal. The project would require the cutting of a large number (maybe several hundred) of mature native trees and the stripping of what is envisioned to be a significantly widened stream bed. As far as I am aware, the pollution reduction

value of the trees that would be removed has not been calculated, though it is likely to be considerable. This value could possibly be greater than the pollution reduction value of the “restoration.” In other words, the project could be counter productive as an environmental matter. (I would note that two of the purported benefits that have been cited - the removal of invasive plants and improved wildlife habitat - are not convincing. Through intensive efforts by the City over the last several years virtually all the invasive species on the City’s portion of the valley have been eradicated, and wildlife is flourishing in the park right now.)

As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria’s natural gems. As such, it should receive special attention and efforts to maintain this status. The valley is filled with many large (in some cases massive) native trees. There is also an unusual wetlands and a seepage swamp that is not only unique to Alexandria but rare elsewhere as well. The wetlands and swamp contain an extraordinary variety of ferns, sedges and wildflowers that could be jeopardized by the project. The plan is to try to protect these fecund areas, but with the project’s planned raising of the stream bed, the jeopardy to them will be increased. Also, while the plan is to replant native trees and shrubs along the stream and hillside, the fact is that no one receiving or sending this e-mail will be alive to see the forest restored to what it already is today.

In these circumstances, the project should be terminated or postponed. Alexandria expects to “far exceed” its 40 percent pollution reduction requirement specified in Phase 2 (2018-2023) of its Chesapeake Bay Action Plan without undertaking the Taylor Run project. See Alexandria’s Phase 2 Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan for 40% Compliance, pp. 3 and 23. (You will note that Taylor Run is far and away the most costly of the City’s proposed stream restoration projects but is not projected significantly more pollution reduction.)

In sum, the Taylor Run project should be terminated. At a minimum, the pros and cons of the Taylor Run project need a deeper look, including a look at potentially less expensive ways of meeting pollution goals by keeping storm water out of the stream as an initial matter. Postponement of the project would allow this assessment. Either termination or postponement would help the State's and City’s efforts to reduce expenses as they rework their budgets in light of the likely revenue reductions caused by the current national health and economic emergency.

Thank you for your careful consideration of these views.

Sincerely,

Russell Bailey
705 North Overlook Drive
Alexandria, Virginia 22305
571-696-5534

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From: [Brian Rahal](#)
To: [Melanie Mason](#); [Jesse Maines](#)
Subject: RE: 4MR detention requirements
Date: Thursday, April 23, 2020 2:39:26 PM
Attachments: [image001.jpg](#)

Melanie,
Switching gears on you: Taylor Run Stream Restoration

Are you on board with the following:



Does this jibe with your understanding of progress?

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Thursday, April 23, 2020 2:31 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: 4MR detention requirements

I don't review that part, so I don't really know.

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Thursday, April 23, 2020 2:30 PM
To: Melanie Mason <melanie.mason@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: 4MR detention requirements

Do you know if they are looking at the system as a whole? Or, just by their individual developments?

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Thursday, April 23, 2020 2:24 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: 4MR detention requirements

They were not planning to upgrade the pipe from what they have shown so far.

Thanks for the help with this.

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Thursday, April 23, 2020 2:21 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>
Subject: RE: 4MR detention requirements

Nope. That's it. Business as usual.

The problem with not providing detention can be a cumulative increase in Qs that might then exceed the capacity

of the existing outfall pipe. **Will need USACE approval for a larger pipe**, if we want to stay in the program.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Thursday, April 23, 2020 2:12 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>

Subject: RE: 4MR detention requirements

Unless you have something different Brian, I think it should be the applicable requirements like everywhere else in the City. What that likely means, is that they will need to meet the improvement factor.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Lalit Sharma <Lalit.Sharma@alexandriava.gov>

Sent: Thursday, April 23, 2020 1:53 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

Cc: Melanie Mason <melanie.mason@alexandriava.gov>

Subject: RE: 4MR detention requirements

Nothing that I am in disagreement with. Jesse and Brian can decide appropriate comments. Only thing I recollect was that there was a rider on detention (2,10,100) requirements -----as long as it is not in conflict with flood management or something to that effect-----

Lalit

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Thursday, April 23, 2020 1:35 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Lalit Sharma <Lalit.Sharma@alexandriava.gov>

Cc: Melanie Mason <melanie.mason@alexandriava.gov>

Subject: RE: 4MR detention requirements

Thanks Brian.

To add: Since these are related to the 100-year for the 4MRWMP it shouldn't dictate the state regulations for water quantity for the 2 and 10 year storms per the EMO after July 1, 2014. In the state regulations at 9VAC25-870-66 there is no waiver availability for the water quantity requirements.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Thursday, April 23, 2020 1:05 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Lalit Sharma <Lalit.Sharma@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: 4MR detention requirements

Bill,

Not exactly. There's subtle nuance going on. The Four Mile Run Watershed Management Plan fostered by NVRC found that detention was most effective, and therefore, should be required in certain areas of the watershed. Other areas, further downstream, where detention had little and least effect on the 100-yr flood capacity in Four Mile Run, detention was not automatically required.

The thinking goes 100-yr detention was required in Zone A (upper shed), case-by-case in Zone B (mid shed), and not required in Zone C (lower shed). This program only looked at detention for the **100-yr storm**. If we are looking at regulating to our Env.Mgmt. ordinance, and it requires detention for the 10-yr storm in Zone C, the 100-yr storm will mostly bypass the 10-yr detention, as we will not be requiring detention of the 100-yr storm.

If anything, we should be asking developers in this area to show us how overland relief works for the 100-yr storm, and checking the capacity (cumulatively) of the connecting system outfalling to FMR.

Attached is an old NVRC publication, describing the development requirements in FMR shed.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://www.cityofalexandria.gov)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: William Skrabak <William.Skrabak@alexandriava.gov>
Sent: Thursday, April 23, 2020 12:23 PM
To: Lalit Sharma <Lalit.Sharma@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Re: 4MR detention requirements

Can you work with Brian D to coordinate we should wave the requirement because detention could make things worse

Brian Rahal do you agree? That detention won't help and could make it worse?

Sent from my iPhone

On Apr 23, 2020, at 11:43 AM, Lalit Sharma <Lalit.Sharma@alexandriava.gov> wrote:

For where ps is located, I think no detention should be warranted

Lalit

From: William Skrabak <William.Skrabak@alexandriava.gov>
Sent: Thursday, April 23, 2020 11:42 AM
To: Lalit Sharma <Lalit.Sharma@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Fwd: 4MR detention requirements

You may have the best knowledge

But my understanding is detention for Potomac yard would not help us and could potentially make things worse

We should make sure we have outfall protection but do we want detention from this area

Sent from my iPhone

Begin forwarded message:

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Date: April 22, 2020 at 6:05:59 PM EDT
To: Melanie Mason <melanie.mason@alexandriava.gov>, William Skrabak <William.Skrabak@alexandriava.gov>, Lalit Sharma <Lalit.Sharma@alexandriava.gov>
Cc: Brian Dofflemyer <Brian.Dofflemyer@alexandriava.gov>, Latheasha Hinton <Latheasha.Hinton@alexandriava.gov>, Alex Boulden <alex.boulden@alexandriava.gov>
Subject: RE: 4MR detention requirements

My understanding is that under the July 2014 VSMP regulation that the water quantity requirements in the current VSMP regulations as incorporated into Article XIII of the EMO requires the site to comply with these requirements, which likely include meeting the channel protection requirements.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Wednesday, April 22, 2020 5:44 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Lalit Sharma <Lalit.Sharma@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Dofflemyer <Brian.Dofflemyer@alexandriava.gov>; Latheasha Hinton <Latheasha.Hinton@alexandriava.gov>; Alex Boulden <alex.boulden@alexandriava.gov>
Subject: 4MR detention requirements

All,

We need some help clarifying the detention requirements for 4MR, specifically for NPY.
The standard condition reads:

1. “The project site lies within Four Mile Run Watershed thus stormwater quantity controls shall be designed to demonstrate that post development stormwater runoff does not exceed the existing runoff quantities for the 2-year, 10-year, and 100-year storm events. (T&ES)”

This doesn't seem to indicate that no detention is required. There is no other standard condition related to detention in 4MR and I've been unable to find anything in our ordinance. I've read through the NVRC documents and they are not terribly clear about what is required in Zone C. All I've been able to find is that detention is considered “least effective” in the zone. Where in our ordinance or any other document is it stated that detention isn't required in this area? I appreciate the help as the folks at DROW and I are just trying to make sure we implement the right requirements.

Thanks,

Melanie Mason
Principal Planner
Stormwater Management
Transportation & Environmental Services
City of Alexandria, VA
Office Phone (direct): 703.746.4132
Cell Phone: 571.289.8374
www.alexandriava.gov/Stormwater



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From: [Brian Rahal](#)
To: [Syed Imran](#)
Cc: [Jesse Maines](#); [Altan Erginkoc](#)
Subject: RE: Taylor Run 90% Design review comments
Date: Monday, May 4, 2020 4:40:11 PM
Attachments: [Taylor Run 90% Comments.docx](#)

Syed,

My comments are attached. The plans look pretty good. WSSI does nice work. The Specs need some attention, though.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Brian Rahal
Sent: Friday, May 1, 2020 5:03 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run 90% Design review comments

Syed,

I'll get you my comments on Monday, if I have any. Sorry for the delay.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Friday, May 1, 2020 3:36 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: Taylor Run 90% Design review comments

Hi Brian/Altan

Do you have any comments on 90% submission? I was waiting for Felicia but she hasn't sent me anything. Also what is your availability next week for comments review meeting?

Thanks,

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Jesse Maines](#)
To: [Brian Rahal](#); [Altan Erginkoc](#)
Subject: Taylor Run Cost Estimate
Date: Thursday, May 7, 2020 10:45:58 AM

Hey,

Have we received a budget / cost estimate breakdown from Syed on this project? After our Strawberry Run conversations, we need to make sure we're on track on this one.

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief
Stormwater Management
Transportation & Environmental Services
City of Alexandria, VA
Office Phone (direct): 703.746.4643
Cell Phone (mobile): 571.414.8237
www.alexandriava.gov/Stormwater



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From: [Jesse Maines](#)
To: [Napier, Sarah J](#); [Syed Imran](#); [Staley, Nathan](#)
Cc: [Brian Rahal](#); [Bob Williams](#); [Chapla, Alex](#); [Conner, Lauren](#); [Altan Erginkoc](#); [Matthew Landes](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (05/07 Agenda)
Date: Thursday, May 7, 2020 1:42:06 PM

Hey,

Are we doing the bi-weekly from 2:30-3pm and doing 90% from 3-4pm?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Thursday, May 7, 2020 1:39 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Conner, Lauren <lconner@wetlands.com>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (05/07 Agenda)
Importance: High

Syed et al.,

Please see attached agenda for today's bi-weekly meeting at 2:30pm. Please dial into the Teams meeting as you usually do for these meetings.

Note that the 90% Design Review meeting will be combined with this bi-weekly meeting. I am resending the comment responses sent out yesterday for your reference (unchanged).

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, April 23, 2020 4:46 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Conner,

Lauren <lconner@wetlands.com>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: RE: Taylor Run Stream Restoration- Project Updates (04/23 Agenda)

Please see attached Meeting Minutes from today's call.

Thanks,
Sarah

Sarah J. Napier, PE

D +1-301-944-2412 C +1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Thursday, April 23, 2020 2:04 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>;

Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>;

'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <AChapla@wetlands.com>; 'Conner,

Lauren' <lconner@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (04/23 Agenda)

Syed et al.,

Please see attached agenda for today's bi-weekly meeting at 2:30pm.

Thanks,
Sarah

Sarah J. Napier, PE

D +1-301-944-2412 C +1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Thursday, March 12, 2020 1:03 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Slacum,

Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;

Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>; Conner,

Lauren <lconner@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (02/26 Meeting Minutes & 03/12 Agenda)

Please see attached Meeting Minutes from 02/26/2020 (with notes from post pre-app discussion on 02/27/20) and agenda for today's meeting.

I've been sick all week and am hoping to keep this short with focus on plantings, the RPA, and permits/schedule. I may bow out early due to my headache. Apologies.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, February 13, 2020 3:38 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached Meeting Minutes from today's meeting.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-944-2412 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, February 13, 2020 2:16 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)
Importance: High

Please see the attached Meeting Minutes from our meeting on **01/30/2020** and Agenda for today's meeting. I wanted to capture that we received the dates for the pre-app meeting from the USACE, so please pardon the late issuance.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-944-2412 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, January 30, 2020 12:59 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Slacum,

Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;
Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

All,

Please see the attached Agenda for our call this afternoon.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-944-2412 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Sunday, December 22, 2019 3:38 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>;
'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Please see attached Meeting Minutes from our 12/19/19 call. I've also included the notes I was taking during our 40% Design Review Comments discussion (in the excel spreadsheet).

Separate email response to follow regarding the City SW Division's request for URS to use the North Carolina Stream Assessment Method (NCSAM) and update the wetland delineation report.

Also, I had (limited) email correspondence with Scott (on PTO for the holiday[s]). The final archaeology report has been printed but not mailed yet. ETA to City is TBD, and I'll keep you posted.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Monday, December 09, 2019 6:27 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>;
'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Meeting Minutes & Agenda)

Please see attached Meeting Minutes from our 12/05/19 call and the agenda for our 12/19/19 call. Sorry for sending this out so early with some items still pending resolution (eNews letter, pre-application meeting/application, 40% design review comments, etc.), but I will be unavailable until I return to the office on 12/19/19. Please coordinate directly with appropriate URS/WSSI staff as needed in my absence while copying me for my record.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, December 04, 2019 6:21 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)
Importance: High

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Friday, November 15, 2019 1:51 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Syed et al.,

Please see the attached meeting minutes from yesterday's bi-weekly call.

Please note that our GIS analyst is scheduled to finish up the wetland delineation plan sheet next week, so the agencies will be contacted next week to schedule the pre-application meeting for around the second week of December (after the 40% has been reviewed by the City).

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3. Please get City input and determine if the existing north foot bridge need to be replaced with an engineered solution or if it can just be replaced in kind by the contractor to match existing.
4. Please help us to nail down the desired signage post-construction:
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 - b. Remove and reinstate existing historical signage,
 - c. Add new educational signage (if yes, what content is desired), or
 - d. Provide new historical signage to match new educational signage.

Please let me know if you need any clarification or have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, November 14, 2019 2:31 PM
To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Sorry all. Forgot to hit send on the meeting minutes and agenda.

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

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sarah.j.napier@aecom.com

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Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-820-3198 C 1-301-502-2657

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AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-820-3000 F 1-301-820-3009

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2020

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From: [Jesse Maines](#)
To: [Napier, Sarah J](#); [Syed Imran](#); [Staley, Nathan](#)
Cc: [Brian Rahal](#); [Bob Williams](#); [Chapla, Alex](#); [Conner, Lauren](#); [Altan Erginkoc](#); [Matthew Landes](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (05/07 Agenda)
Date: Thursday, May 7, 2020 1:42:42 PM

Should have read the 2nd paragraph.

Syed,
Can you remove the 3-4pm please.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Thursday, May 7, 2020 1:39 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>; Conner, Lauren <lconner@wetlands.com>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (05/07 Agenda)
Importance: High

Syed et al.,

Please see attached agenda for today's bi-weekly meeting at 2:30pm. Please dial into the Teams meeting as you usually do for these meetings.

Note that the 90% Design Review meeting will be combined with this bi-weekly meeting. I am resending the comment responses sent out yesterday for your reference (unchanged).

Thanks,
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Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, April 23, 2020 4:46 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;

Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Conner, Lauren <lconner@wetlands.com>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration- Project Updates (04/23 Agenda)

Please see attached Meeting Minutes from today's call.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, April 23, 2020 2:04 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>; 'Conner, Lauren' <lconner@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (04/23 Agenda)

Syed et al.,

Please see attached agenda for today's bi-weekly meeting at 2:30pm.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, March 12, 2020 1:03 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>; Conner, Lauren <lconner@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (02/26 Meeting Minutes & 03/12 Agenda)

Please see attached Meeting Minutes from 02/26/2020 (with notes from post pre-app discussion on 02/27/20) and agenda for today's meeting.

I've been sick all week and am hoping to keep this short with focus on plantings, the RPA, and permits/schedule. I may bow out early due to my headache. Apologies.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, February 13, 2020 3:38 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached Meeting Minutes from today's meeting.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-944-2412 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, February 13, 2020 2:16 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)
Importance: High

Please see the attached Meeting Minutes from our meeting on **01/30/2020** and Agenda for today's meeting. I wanted to capture that we received the dates for the pre-app meeting from the USACE, so please pardon the late issuance.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-944-2412 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, January 30, 2020 12:59 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Slacum,

Jennifer <Jennifer.Slacum@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;
Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

All,

Please see the attached Agenda for our call this afternoon.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-944-2412 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Sunday, December 22, 2019 3:38 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>;
'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Please see attached Meeting Minutes from our 12/19/19 call. I've also included the notes I was taking during our 40% Design Review Comments discussion (in the excel spreadsheet).

Separate email response to follow regarding the City SW Division's request for URS to use the North Carolina Stream Assessment Method (NCSAM) and update the wetland delineation report.

Also, I had (limited) email correspondence with Scott (on PTO for the holiday[s]). The final archaeology report has been printed but not mailed yet. ETA to City is TBD, and I'll keep you posted.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Monday, December 09, 2019 6:27 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>;
'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Meeting Minutes & Agenda)

Please see attached Meeting Minutes from our 12/05/19 call and the agenda for our 12/19/19 call. Sorry for sending this out so early with some items still pending resolution (eNews letter, pre-application meeting/application, 40% design review comments, etc.), but I will be unavailable until I return to the office on 12/19/19. Please coordinate directly with appropriate URS/WSSI staff as needed in my absence while copying me for my record.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, December 04, 2019 6:21 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)
Importance: High

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
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Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Friday, November 15, 2019 1:51 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

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Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

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sarah.j.napier@aecom.com

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From: [Jesse Maines](#)
To: [Napier, Sarah J](#); [Syed Imran](#); [Staley, Nathan](#)
Cc: [Brian Rahal](#); [Bob Williams](#); [Chapla, Alex](#); [Conner, Lauren](#); [Altan Erginkoc](#); [Matthew Landes](#)
Subject: RE: Taylor Run Stream Restoration- Project Updates (05/07 Agenda)
Date: Thursday, May 7, 2020 2:37:13 PM

Sarah,

So reading your second paragraph, that's why I asked Syed to cancel the 3-4pm. Just trying to help and not add to confusion.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Thursday, May 7, 2020 1:43 PM
To: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>
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Subject: RE: Taylor Run Stream Restoration- Project Updates (05/07 Agenda)

Importance: High

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Subject: RE: Taylor Run Stream Restoration- Project Updates (04/23 Agenda)

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sarah.j.napier@aecom.com

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Sent: Thursday, April 23, 2020 2:04 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>;

Slacum, Jennifer <Jennifer.Slacum@aecom.com>

Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>; 'Conner, Lauren' <lconner@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (04/23 Agenda)

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From: Napier, Sarah J
Sent: Thursday, March 12, 2020 1:03 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>; Conner, Lauren <lconner@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (02/26 Meeting Minutes & 03/12 Agenda)

Please see attached Meeting Minutes from 02/26/2020 (with notes from post pre-app discussion on 02/27/20) and agenda for today's meeting.

I've been sick all week and am hoping to keep this short with focus on plantings, the RPA, and permits/schedule. I may bow out early due to my headache. Apologies.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, February 13, 2020 3:38 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <AChapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Please see attached Meeting Minutes from today's meeting.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-944-2412 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, February 13, 2020 2:16 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)
Importance: High

Please see the attached Meeting Minutes from our meeting on **01/30/2020** and Agenda for today's meeting. I wanted to capture that we received the dates for the pre-app meeting from the USACE, so please pardon the late issuance.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-944-2412 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Thursday, January 30, 2020 12:59 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

All,

Please see the attached Agenda for our call this afternoon.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-944-2412 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Sunday, December 22, 2019 3:38 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Please see attached Meeting Minutes from our 12/19/19 call. I've also included the notes I was taking during our 40% Design Review Comments discussion (in the excel spreadsheet).

Separate email response to follow regarding the City SW Division's request for URS to use the North Carolina Stream Assessment Method (NCSAM) and update the wetland delineation report.

Also, I had (limited) email correspondence with Scott (on PTO for the holiday[s]). The final archaeology report has been printed but not mailed yet. ETA to City is TBD, and I'll keep you posted.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Monday, December 09, 2019 6:27 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Meeting Minutes & Agenda)

Please see attached Meeting Minutes from our 12/05/19 call and the agenda for our 12/19/19 call. Sorry for sending this out so early with some items still pending resolution (eNews letter, pre-application meeting/application, 40% design review comments, etc.), but I will be unavailable until I return to the office on 12/19/19. Please coordinate directly with appropriate URS/WSSI staff as needed in my absence while copying me for my record.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Wednesday, December 04, 2019 6:21 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; 'Staley, Nathan' <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: 'Brian Rahal' <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>; 'Bob Williams' <Bob.Williams@alexandriava.gov>; 'Chapla, Alex' <ACHapla@wetlands.com>
Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)
Importance: High

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Friday, November 15, 2019 1:51 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>
Subject: FW: Taylor Run Stream Restoration- Project Updates (Meeting Minutes)

Syed et al.,

Please see the attached meeting minutes from yesterday's bi-weekly call.

Please note that our GIS analyst is scheduled to finish up the wetland delineation plan sheet next week, so the agencies will be contacted next week to schedule the pre-application meeting for around the second week of December (after the 40% has been reviewed by the City).

From yesterday's meeting there are a few critical action items for which we need your assistance:

1. Please talk to Bob to see if he's had communication with the Rec Center regarding the upcoming project. And if so, what has been discussed and have they been approached regarding the use of their access drive and/or parking lot for a construction entrance?
2. Please coordinate with Suzanne (City Sanitary) and/or City GIS as needed to determine the appropriate structure number for the manhole behind the pile wall.
3. Please get City input and determine if the existing north foot bridge need to be replaced with an engineered solution or if it can just be replaced in kind by the contractor to match existing.
4. Please help us to nail down the desired signage post-construction:
 - a. Do away with existing historical signage along the trail,
 - b. Remove and reinstate existing historical signage,
 - c. Add new educational signage (if yes, what content is desired), or
 - d. Provide new historical signage to match new educational signage.

Please let me know if you need any clarification or have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D 1-301-820-3198 C 1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Thursday, November 14, 2019 2:31 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Sorry all. Forgot to hit send on the meeting minutes and agenda.

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, October 16, 2019 7:34 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction) <mary.e.roman@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, October 02, 2019 5:18 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum, Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>

Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;
Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction)
<mary.e.roman@aecom.com>

Subject: RE: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Thanks,
Sarah

Sarah J. Napier, PE

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

From: Napier, Sarah J

Sent: Wednesday, September 18, 2019 7:36 PM

To: Staley, Nathan <NStaley@wetlands.com>; Seibel, Scott <scott.seibel@aecom.com>; Slacum,
Jennifer <Jennifer.Slacum@aecom.com>; Joni Calmbacher <joni.calmbacher@alexandriava.gov>;
Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;
Bob Williams <Bob.Williams@alexandriava.gov>; Roman, Mary E (Annapolis Junction)
<mary.e.roman@aecom.com>

Subject: Taylor Run Stream Restoration- Project Updates (Agenda)

Syed et al.,

Please see attached agenda for tomorrow's bi-weekly call.

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE

Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)

D 1-301-820-3198 C 1-301-502-2657

sarah.j.napier@aecom.com

AECOM

12420 Milestone Center Dr., Suite 150, Germantown, MD 20876

T 1-301-820-3000 F 1-301-820-3009

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From: [Jesse Maines](#)
To: [Syed Imran](#); [Brian Rahal](#); [Altan Erginkoc](#)
Subject: RE: City Comments - Taylor Run 90% Submission
Date: Thursday, May 7, 2020 5:53:00 PM
Attachments: [image001.jpg](#)

Hey Syed,

We discuss them briefly and think a number of changes can be made. Please let us discuss this a bit more internally and get back with you on the best path forward. We don't believe this will impact the schedule and will allow for more input to get the best product.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 7, 2020 2:05 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: City Comments - Taylor Run 90% Submission

Brian/Jesse

Did you get chance to review these signs? Should we send these to RPCA (Dana Wedeles) for review or it will be just limited to stormwater?

Thanks,

Syed

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Wednesday, April 29, 2020 1:09 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: City Comments - Taylor Run 90% Submission

Syed,

I've attached our drafts of the educational signage. Please take a look and let us know what suggestions you have or edits you might like to see. We would especially like feedback on the 3rd

sign and feel like it would be the logical place to incorporate any of the City's high-level general stormwater program messaging.

Thanks,
Nathan

Nathan A. Staley, PE, CFM, PWS, LEED® AP

Senior Associate Engineer

[Wetland Studies and Solutions, Inc.](#)

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Tuesday, April 28, 2020 4:36 PM

To: Staley, Nathan <NStaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <AChapla@wetlands.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: City Comments - Taylor Run 90% Submission

Sarah/Nathan,

Attached are partial City comments for Taylor Run 90% submission. There was confusion due to additional draft submission in between 60% and 90% , so this submission was routed to few people who reviewed draft submission. It has been rerouted to others with April 30th deadline for comments so we might have to change our comments review meeting next week. We can coordinate this Friday, if there will be need to change Monday April 4th meeting, after you receive additional comments. Please let me know if you have any questions.

Thanks,

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

Image removed by sender. Census 2020 image



From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run Progress Report
Date: Friday, May 8, 2020 4:46:58 PM

Hey Brian,

Please have Altan follow up with the Project Budget request we discussed yesterday. Not sure why he couldn't get that done today since it was his only action item.

That's not on you, that's just me still wondering why he doesn't get cranking. I'm guessing it's the kids at home.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 8, 2020 4:43 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: Taylor Run Progress Report

Hi Brian,

We have an issue with database so wasn't able to issue monthly progress report for Taylor Run. I will issue once database is fixed, please let me know if you have any questions.

Thanks and have a nice weekend.
Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run Progress Report
Date: Friday, May 8, 2020 4:51:00 PM

OK. It's on my list for Monday. Probably distracted like you say.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, May 8, 2020 4:47 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Progress Report

Hey Brian,

Please have Altan follow up with the Project Budget request we discussed yesterday. Not sure why he couldn't get that done today since it was his only action item.

That's not on you, that's just me still wondering why he doesn't get cranking. I'm guessing it's the kids at home.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 8, 2020 4:43 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>

Subject: Taylor Run Progress Report

Hi Brian,

We have an issue with database so wasn't able to issue monthly progress report for Taylor Run. I will issue once database is fixed, please let me know if you have any questions.

Thanks and have a nice weekend.

Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run Progress Report
Date: Friday, May 8, 2020 5:00:58 PM

Probably, but should be on his top priority and not something you have to hound about. We're all super-stressed with the setup.

There are a couple folks that may be distracted or otherwise. I figured he'd be able to do this one thing today. Is he sending you daily tasks? Are they reasonable?

He's not the only one, man. There are some others that are not really getting one or two things done. We need to be sensitive, but stuff still needs to get done best we can. Or it falls on a few of us to carry everything.

I'm hopeful he can plug in and take some of the day to day for these projects. We'll talk next week and see what can be done differently if needed.

Thanks for tackling all the mess. Have a good weekend!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Friday, May 8, 2020 4:51 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Progress Report

OK. It's on my list for Monday. Probably distracted like you say.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Friday, May 8, 2020 4:47 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: RE: Taylor Run Progress Report

Hey Brian,

Please have Altan follow up with the Project Budget request we discussed yesterday. Not sure why he couldn't get that done today since it was his only action item.

That's not on you, that's just me still wondering why he doesn't get cranking. I'm guessing it's the kids at home.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Friday, May 8, 2020 4:43 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>

Subject: Taylor Run Progress Report

Hi Brian,

We have an issue with database so wasn't able to issue monthly progress report for Taylor Run. I will issue once database is fixed, please let me know if you have any questions.

Thanks and have a nice weekend.

Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Brian Rahal](#)
To: [Jessica Lassetter](#)
Cc: [Jesse Maines](#)
Subject: RE: Water Quality Workgroup Update
Date: Monday, May 11, 2020 1:25:39 PM

Jessica,
Sorry for not getting back sooner. There really wasn't much more to share than what we have below.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

From: Jessica Lassetter <jessica.lassetter@alexandriava.gov>
Sent: Monday, May 11, 2020 10:33 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: FW: Water Quality Workgroup Update

Hi Brian,

Any update on these you'd like to share? Thanks!

Ben Brenman Pond Retrofit

- Most of the structural is done
- Planting in progress (some delays due to PA shutdown)

Lucky Run Stream Restoration

- Design Complete
- Bid Docs done
- Final Easement negotiation

Strawberry Run Stream Restoration

- Finishing 90% design

Taylor Run Stream Restoration

- Finishing 90% design



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From: [Brian Rahal](#)
To: [Altan Erginkoc](#)
Cc: [Jesse Maines](#)
Subject: FW: Taylor Run Progress Report
Date: Monday, May 11, 2020 4:26:54 PM

Altan,

Please ask Syed for a budget update on Taylor Run. Let him know we are expecting the monthly progress report, but we would like to see a breakdown of beginning budget, expenses to date, and how the 90% cost estimate is impacting the remaining budget. Please request this from them before our next progress meeting with URS/WSSI. CC Matt Landis, Jesse, and myself.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 8, 2020 4:43 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: Taylor Run Progress Report

Hi Brian,

We have an issue with database so wasn't able to issue monthly progress report for Taylor Run. I will issue once database is fixed, please let me know if you have any questions.

Thanks and have a nice weekend.

Syed

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)

703-217-5293 (mobile)
alexandriava.gov



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From: [Jesse Maines](#)
To: [Altan Erginkoc](#)
Cc: [Brian Rahal](#)
Subject: RE: Taylor Run Stream Restoration - Budget Summary Request
Date: Wednesday, May 13, 2020 11:05:04 AM

Altan,

Thanks for follow up to get this. I know you're probably still digging into it. Here are some questions to consider:

What does he mean in the statement highlighted below? FY2021 budget technical adjustments for the City portion of the grant match (\$2.255) will bring the project to the original overall budget of \$4.51M.

Was the construction cost estimate the one we received at 90%? Has it changed from 60%? Is it reasonable? (Did we get the construction cost estimate in a breakdown you wanted to see?)

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Tuesday, May 12, 2020 3:09 PM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Budget Summary Request

Altan,

I recently updated attached budget sheet with overall project cost breakdown. The proposed design fee is within initial design budget of \$ 395,000 and so far paid around \$ 235,000.

Jesse or Brian can confirm from this estimate, if we have enough funding available in next FY before proceeding to CMI and Construction procurement

Please let me know if you have further questions.

Thanks,

Syed

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Tuesday, May 12, 2020 2:38 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run Stream Restoration - Budget Summary Request

Syed,

While the URS addressing the 90% review comments I'd like to check the Taylor Run Project design/construction budget with you to make sure they are up do date without any change.

I do have below design and construction cost associate with subject project in our folder as of today.

1. The proposed design is in the amount of **\$ 388,734.58** (based on prevailing design bid in addition to two change order)
2. The proposed construction cost is In the amount of **\$ 2,940,198.94** (based on quantities of materials were pulled from the design plans using CAD software)

Could you please confirm and provide me breakdown of beginning budget, expenses to date, and how the 90% cost estimate is impacting the remaining budget before we Initiate and approve the 100% Design ?

Thank you for your assistance to this matter.

Altan Erginkoc

Civil Engineer III

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)

W: 703-746-4174

M: 703-819-5887



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alexandriava.gov/Census2020

From: [Jesse Maines](#)
To: [Melanie Mason](#); [Brian Rahal](#); [Jessica Lassetter](#); [Altan Erginkoc](#)
Subject: RE: City Comments - Taylor Run 90% Submission
Date: Friday, May 15, 2020 10:06:50 AM
Attachments: [image001.jpg](#)

Thanks Melanie! Totally agree! Altan had some good suggestions as well. (Sorry, I didn't open the PDF yet.)

It would be good if we could come up with some language / ideas. I know everyone is busy so we can have some group input, I know we can come up with some good signs. We also need to develop content for Ben Brenman Pond.

We could work with AECOM (forgetting his name) to do the layout. He think he did a really good job on our infographics.

Altan,

Can you please capture some of your suggestions to give the group something to react to?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Friday, May 15, 2020 9:32 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jessica Lassetter <jessica.lassetter@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: City Comments - Taylor Run 90% Submission

Brian,

Thanks for giving me some extra time on this. Please see attached with comments.

Overall, the signs are way too complex. I would suggest that the language needs to be significantly simplified for the average reader to understand the information. They also need to be a bit more visually appealing.

Please let me know if you have any questions.

Melanie Mason

Principal Planner
Stormwater Management
Transportation & Environmental Services
City of Alexandria, VA
Office Phone (direct): 703.746.4132
Cell Phone: 571.289.8374
www.alexandriava.gov/Stormwater

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Friday, May 1, 2020 9:18 AM
To: Jessica Lassetter <jessica.lassetter@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: City Comments - Taylor Run 90% Submission

All,
Please see the attached draft educational signs for Taylor Run from WSSI. Please comment if you get the time. Please send comments by Friday May 8, if you can. If you need more time, please let me know.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
City of Alexandria, Virginia
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Wednesday, April 29, 2020 1:09 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <ACHapla@wetlands.com>
Subject: RE: City Comments - Taylor Run 90% Submission

Syed,

I've attached our drafts of the educational signage. Please take a look and let us know what suggestions you have or edits you might like to see. We would especially like feedback on the 3rd sign and feel like it would be the logical place to incorporate any of the City's high-level general stormwater program messaging.

Thanks,
Nathan

Nathan A. Staley, PE, CFM, PWS, LEED® AP

Senior Associate Engineer

[Wetland Studies and Solutions, Inc.](#)

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Tuesday, April 28, 2020 4:36 PM

To: Staley, Nathan <NStaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <AChapla@wetlands.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: City Comments - Taylor Run 90% Submission

Sarah/Nathan,

Attached are partial City comments for Taylor Run 90% submission. There was confusion due to additional draft submission in between 60% and 90% , so this submission was routed to few people who reviewed draft submission. It has been rerouted to others with April 30th deadline for comments so we might have to change our comments review meeting next week. We can coordinate this Friday, if there will be need to change Monday April 4th meeting, after you receive additional comments. Please let me know if you have any questions.

Thanks,

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)

alexandriava.gov

Image removed by sender. Census 2020 image



From: [Syed Imran](#)
To: [Brian Rahal](#)
Cc: [Jesse Maines](#); [Altan Erginkoc](#)
Subject: FW: AECOM Invoice 2000348559
Date: Friday, May 15, 2020 12:45:18 PM
Attachments: [image001.jpg](#)
[2000348559_2020.04.21_Rev.1.pdf](#)
Importance: High

Hi Brian,
Here is latest URS's design fee invoice for Taylor Run and I will process it next week

Thanks,

Syed

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Monday, May 11, 2020 5:29 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Sharief, Ismail <ismail.sharief@consultant.aecom.com>
Subject: RE: AECOM Invoice 2000348559
Importance: High

Syed,

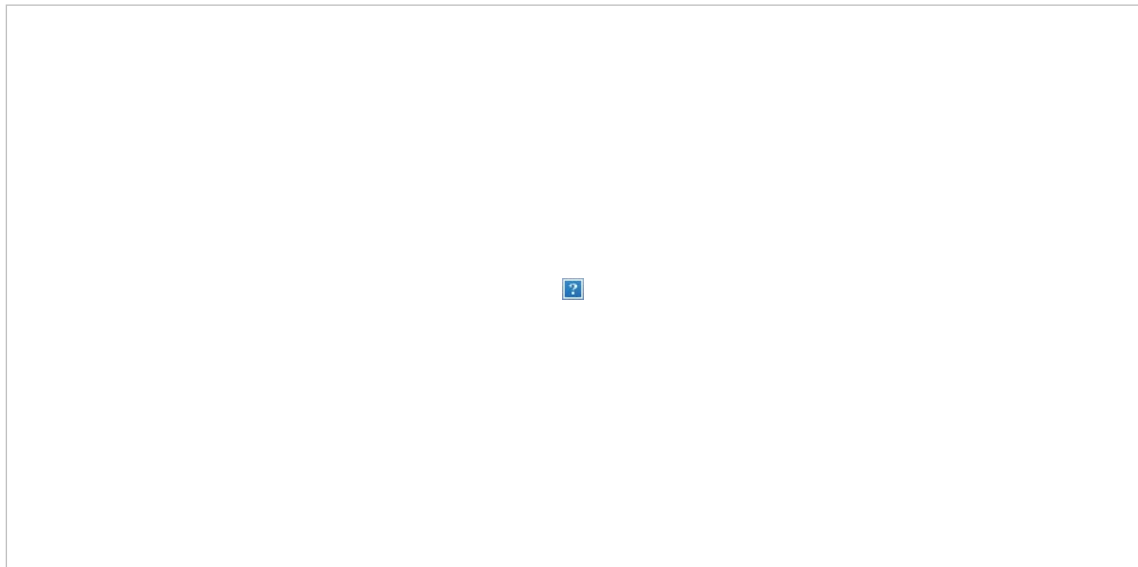
Invoice No. 2000324200 for \$20,800.80 has hit our system. Please see the attached revised invoice No. 2000348559 for \$41,357.47 which was originally submitted on 04/21/2020. On page 6 of 60, the "Less Previous Payment" and "Amount Due This Date" lines as well as the date have been updated. We hope that this invoice can be expedited due to the age of its predecessor.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Friday, May 01, 2020 2:53 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Sharief, Ismail <ismail.sharief@consultant.aecom.com>
Subject: RE: AECOM Invoice 2000348559

Thanks Syed. When the invoice hits our system, we'll resubmit #2000348559 with the updated "Amount Due This Date" line on page 6/60:



Could we revise this page in advance of submitting future invoices since we have this problem with every invoice. I had hoped that adding the "Current Invoice Amount" line that we'd avoid having to resubmit the invoice a second time.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 01, 2020 2:09 PM
To: Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Sharief, Ismail <ismail.sharief@consultant.aecom.com>
Subject: [EXTERNAL] Re: AECOM Invoice 2000348559

Hi Sarah,
First one was processed and in system for payment. Once's it get paid I will start processing 2nd. I will ask you take off the amount before processing.

Thanks

Syed

Sent from my iPhone

On May 1, 2020, at 1:36 PM, Napier, Sarah J <sarah.j.napier@aecom.com> wrote:

Syed,

Any idea when the attached invoices, which are summarized below, will be paid:

- 2000324200 Feb 14, 2020 \$20,800.80 (outstanding over 60 days)
 - 2000348559 Apr 20, 2020 \$41,357.47 (not past due)
- Total \$62,158.27

AECOM would really like to be able to pay WSSI and SAM for their services during these difficult economic times.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Napier, Sarah J
Sent: Tuesday, April 21, 2020 10:46 AM
To: 'syed.imran@alexandriava.gov' <syed.imran@alexandriava.gov>
Cc: Sharief, Ismail <ismail.sharief@consultant.aecom.com>
Subject: RE: AECOM Invoice 2000348559

Syed,

This invoice (2000348559) is for the total amount due (\$62,158.27) which includes the current invoice amount (\$41,357.47) as well as the previously outstanding invoice amount (\$20,800.80) that is past due since as of Friday, April 17, 2020 at COB we hadn't received payment for Invoice 2000324200 dated February 14, 2020. The "Current Invoice Amount" has been added to page 6 of 60 for your information. Both invoices are attached for your reference.

Please let me know if you have any questions.

Thanks,
Sarah

Sarah J. Napier, PE
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

From: Sharief, Ismail <ismail.sharief@consultant.aecom.com>
Sent: Monday, April 20, 2020 2:53 PM
To: 'syed.imran@alexandriava.gov' <syed.imran@alexandriava.gov>
Cc: Napier, Sarah J <sarah.j.napier@aecom.com>; Kumar, Kiran (Glen Allen) <Kiran.Kumar2@consultant.aecom.com>; Shyam, Prasad <prasad.shyam@consultant.aecom.com>
Subject: AECOM Invoice 2000348559

Greetings,

Please see the attached AECOM Invoice 2000348559 for your review and processing.

Project name: Taylor Run Stream Restoration

Thanks and have a good day ahead!!

Best Regards,

Ismail Sharief

Project Billing Specialist

AECOM - Global Business Services
ismail.sharief@consultant.aecom.com
www.aecom.com

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<image001.png>



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<60611953 BT 02.07.20 AR2000324200.pdf>

<60611953 BT 04.10.20 AR2000348559.pdf>



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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: Telework Task List May 11 - May15, 2020
Date: Friday, May 15, 2020 4:45:44 PM

May 11, 2020

Tasks Completed:

Email Correspondence
CIP DPI Coordination Loyola
FOIA Coordination
USACE FMR Inspection Coordination

May 12, 2020

Tasks Completed:

Email Correspondence
MUNIS Account coordination
FOIA Coordination
Design & Construction Standards - document review
Hooffs Run Culvert Coordination
Spot Improvement Budget Coordination
Alex311 Complaint coordination
DPI CIP Budget coordination - Taylor Run
FMR Kyak Launch/Floating Dock Meeting
July 8, 2019 Heat Map Coordination

May 13, 2020

Tasks Completed:

Email Correspondence
FMR Dredge 90% Submission Coordination
July 8, 2019 Heat Map Coordination

May 14, 2020

Tasks Completed:

Email Correspondence
Staff task coordination meeting
Shoreline Resilience Fund guidance coordination
Neighborhood Planning Floodplain Coordination
Draft Loyola update response
Hooffs Run Culvert Coordination - contract review

May 15, 2020

Tasks Completed:

Email Correspondence
USACE Invoice coordination
CIP Coordination - Ed. Signs
Work planning for next week

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://www.cityofalexandriava.gov)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahal@alexandriava.gov



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From: [Jesse Maines](#)
To: [Melanie Mason](#); [Syed Imran](#)
Cc: [Brian Rahal](#); [Altan Erginkoc](#); [Matthew Landes](#)
Subject: RE: [EXTERNAL]Taylor Run SWPPP Information
Date: Thursday, May 21, 2020 3:21:55 PM

Thanks Syed. Let us know if you need a background statement on what it is for the form/memo.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Thursday, May 21, 2020 3:20 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run SWPPP Information

Syed,

This can be routed to the City Manager as submitted.

Thanks,

Melanie Mason
Principal Planner
Stormwater Management
Transportation & Environmental Services
City of Alexandria, VA
Office Phone (direct): 703.746.4132
Cell Phone: 571.289.8374
www.alexandriava.gov/Stormwater

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 21, 2020 3:12 PM
To: Melanie Mason <melanie.mason@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run SWPPP Information

Hi Melanie,

Final submission for Taylor Run has been delayed few days. Do you have any comments on attached

registration statement so I can route this for City Manager's signature? Please let me know any additional requirements before I start routing.

Thanks,
Syed

From: Melanie Mason <melanie.mason@alexandriava.gov>
Sent: Friday, May 15, 2020 12:39 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: [EXTERNAL]Taylor Run SWPPP Information

I'll review it with the final submission in APEX unless you have a specific question or concern you need some feedback about before the submission.

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 15, 2020 12:37 PM
To: Melanie Mason <melanie.mason@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: FW: [EXTERNAL]Taylor Run SWPPP Information

Hi Melanie,
FYI – I have uploaded revised SWPPP document to SharePoint and here is the link. Also please confirm, if you will review these separately or with final submission via APEX?
https://alexandriava1.sharepoint.com/:f:/s/dpiexternal/EsVoEMyiTvIAnSzFCanpZ_AB8T3Szrd8h2fICUkma9yb9Q?e=cblRha

Thanks,
Syed

From: Staley, Nathan <NStaley@wetlands.com>
Sent: Wednesday, May 13, 2020 12:44 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Chapla, Alex <ACHapla@wetlands.com>; Melanie Mason <melanie.mason@alexandriava.gov>
Subject: [EXTERNAL]Taylor Run SWPPP Information

Hi Syed,

Please use the following link to download the revised VSMP registration statement (and map) and SWPPP document. Let us know if there are any other tweaks that need to be made.

Thanks,
Nathan

https://file.ac/d_FYsUaD3uU/

Nathan A. Staley, PE, CFM, PWS, LEED® AP | Senior Associate Engineer

Wetland Studies and Solutions, Inc., a division of [The Davey Tree Expert Company](#)

5450 Peters Creek Road, Suite 110 | Roanoke, Virginia 24019

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208 | fax: 703.679.5601

nstaley@wetlands.com | www.wetlands.com

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From: [Jesse Maines](#)
To: [Syed Imran](#); [Brian Rahal](#)
Cc: [Altan Erginkoc](#); [Nathan A. Orr](#); [Matthew Landes](#)
Subject: RE: Taylor Run Easement
Date: Friday, May 22, 2020 10:56:42 AM

Hey Syed,

Brian's out today. The easement language would need to come from us. If you have a past one and can start working it up, that would great. Then the full package can go to CAO.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 22, 2020 10:38 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Nathan A. Orr <nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: Taylor Run Easement

Hi Brian,

I was wondering if you will draft easement agreement or it will come from City attorney office? We can use an existing agreement and send for City attorney review. Let me know how I can help in preparing deed for church easement.

Thanks and have nice long weekend,

Syed

From: Nathan A. Orr <nathan.orr@alexandriava.gov>
Sent: Thursday, May 21, 2020 4:16 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: Any update about ? Taylor Run

Yeah let me know. Because if the deed is prepared, and we're close to owner signatures being obtained, I will figure out how to route my plat for department approval signature as well. That's why I was curious if plat needs to be routed for internal review first, perhaps with next site plan submission. Maybe ask Brian and let me know.

Would be best if owners sign deed and review plat prior to routing for internal signatures of plat,

just in case owner ask for revisions.

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 21, 2020 4:06 PM
To: Nathan A. Orr <nathan.orr@alexandriava.gov>
Subject: RE: Taylor Run Easement

Hi Nathan, We are doing well and thanks for update. I will coordinate with Brian about deed.

Thanks again and stay safe!

Syed

From: Nathan A. Orr <nathan.orr@alexandriava.gov>
Sent: Thursday, May 21, 2020 3:49 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: Taylor Run Easement

Syed! How are you sir?

Update: I submitted the completed easement plat on 05/04/20. That concluded survey involvement, unless there are any comments on the plat that require a revision. If so, just let me know! Do you know if the deed has been prepared yet, and if owners have signed? Also, will this plat be included for any internal review with the next site plan submission?

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 21, 2020 2:43 PM
To: Nathan A. Orr <nathan.orr@alexandriava.gov>
Subject: Any update about ? Taylor Run

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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alexandriava.gov/Census2020

From: [Jesse Maines](#)
To: [Syed Imran](#); [Brian Rahal](#)
Cc: [Altan Erginkoc](#); [Nathan A. Orr](#); [Matthew Landes](#)
Subject: RE: Taylor Run Easement
Date: Friday, May 22, 2020 12:38:35 PM

Lucky Run was the last one we put together. So that one should work. For routing I would think Taylor Run wouldn't need to get routed for all those signatures like Lucky Run. But Matt/Nathan would need to weigh in. I don't think the, for instance, Karl would need to sign it. Usually it's just been CMO, but if Nathan wants to do it differently, we'll follow that.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 22, 2020 12:02 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Nathan A. Orr <nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run Easement

Thanks and we can use Lucky Run or any latest language you have. Let me know if Lucky Run is latest and I will update it for Taylor?

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, May 22, 2020 10:57 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Nathan A. Orr <nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run Easement

Hey Syed,

Brian's out today. The easement language would need to come from us. If you have a past one and can start working it up, that would great. Then the full package can go to CAO.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 22, 2020 10:38 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Nathan A. Orr <nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: Taylor Run Easement

Hi Brian,
I was wondering if you will draft easement agreement or it will come from City attorney office? We can use an existing agreement and send for City attorney review. Let me know how I can help in preparing deed for church easement.

Thanks and have nice long weekend,

Syed

From: Nathan A. Orr <nathan.orr@alexandriava.gov>
Sent: Thursday, May 21, 2020 4:16 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: Any update about ? Taylor Run

Yeah let me know. Because if the deed is prepared, and we're close to owner signatures being obtained, I will figure out how to route my plat for department approval signature as well. That's why I was curious if plat needs to be routed for internal review first, perhaps with next site plan submission. Maybe ask Brian and let me know.
Would be best if owners sign deed and review plat prior to routing for internal signatures of plat, just in case owner ask for revisions.

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 21, 2020 4:06 PM
To: Nathan A. Orr <nathan.orr@alexandriava.gov>
Subject: RE: Taylor Run Easement

Hi Nathan, We are doing well and thanks for update. I will coordinate with Brian about deed.

Thanks again and stay safe!

Syed

From: Nathan A. Orr <nathan.orr@alexandriava.gov>

Sent: Thursday, May 21, 2020 3:49 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>

Subject: RE: Taylor Run Easement

Syed! How are you sir?

Update: I submitted the completed easement plat on 05/04/20. That concluded survey involvement, unless there are any comments on the plat that require a revision. If so, just let me know! Do you know if the deed has been prepared yet, and if owners have signed? Also, will this plat be included for any internal review with the next site plan submission?

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Thursday, May 21, 2020 2:43 PM

To: Nathan A. Orr <nathan.orr@alexandriava.gov>

Subject: Any update about ? Taylor Run

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Jesse Maines](#)
To: [Altan Erginkoc](#)
Cc: [Brian Rahal](#)
Subject: Taylor Run Old GIS Aerials
Date: Monday, May 25, 2020 7:15:38 AM

Good morning Altan,

The CMO meeting to discuss Taylor Run was postponed again last week. I have the meeting at noon tomorrow, Tuesday. Brian had some old GIS aerials that showed how Taylor has been impacted from the 1920s, 1940s, etc. I really need these for the presentation on Tuesday.

I thought they were in this folder:

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Maybe you moved them or I'm mistaken? Have you seen them?

OR – Brian, do you know or can you grab some new ones for me?

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run Old GIS Aerials
Date: Tuesday, May 26, 2020 9:14:00 AM

I thought I saw them in a presentation or something Nathan Staley did. Anyways, I can capture new ones in a few min.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, May 25, 2020 7:16 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Old GIS Aerials

Good morning Altan,

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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run Old GIS Aerials
Date: Tuesday, May 26, 2020 9:30:15 AM

Hey Brian,

I had them in the Taylor Run/Outreach/Seminary Hill folder. I need them for a noon presentation. I didn't use them for the presentation but almost did.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:15 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Old GIS Aerials

I thought I saw them in a presentation or something Nathan Staley did. Anyways, I can capture new ones in a few min.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, May 25, 2020 7:16 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Old GIS Aerials

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Jesse E. Maines, MPA, PMP

Division Chief

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From: [Jesse Maines](#)
To: [Altan Erginkoc](#)
Cc: [Brian Rahal](#)
Subject: RE: Taylor Run Old GIS Aerials
Date: Tuesday, May 26, 2020 9:33:12 AM

Good morning Altan / Brian,

I just now found them in an old email from Brian where they were embedded. Will take a snip and be in business.

Hope you can get connected!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:31 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Old GIS Aerials

Good Morning Jesse

I can not event connect to network and don't check those file yet. I will restart my PC and make some search for you in the project folder. I will get back to you when I find it.

Thanks

Altan

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, May 25, 2020 7:16 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Old GIS Aerials

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Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Taylor Run Old GIS Aerials
Date: Tuesday, May 26, 2020 9:51:59 AM

OK. Just finished putting new images in that directory (below). Just in case.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:33 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Old GIS Aerials

Good morning Altan / Brian,

I just now found them in an old email from Brian where they were embedded. Will take a snip and be in business.

Hope you can get connected!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:31 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: RE: Taylor Run Old GIS Aerials

Good Morning Jesse

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Thanks

Altan

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Monday, May 25, 2020 7:16 AM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: Taylor Run Old GIS Aerials

Good morning Altan,

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Jesse E. Maines, MPA, PMP

Division Chief

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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Taylor Run Old GIS Aerials
Date: Tuesday, May 26, 2020 9:52:45 AM

Thanks Brian! Was opening them as you were downloading them. Wow! Really appreciate it!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:52 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Taylor Run Old GIS Aerials

OK. Just finished putting new images in that directory (below). Just in case.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:33 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Old GIS Aerials

Good morning Altan / Brian,

I just now found them in an old email from Brian where they were embedded. Will take a snip and

be in business.

Hope you can get connected!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:31 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Old GIS Aerials

Good Morning Jesse

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Thanks

Altan

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, May 25, 2020 7:16 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Old GIS Aerials

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Jesse E. Maines, MPA, PMP

Division Chief

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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Taylor Run Old GIS Aerials
Date: Tuesday, May 26, 2020 1:00:23 PM

Hey,

Aerials were the perfect edition to see the changes over the years! Drove the point home and rebutted the claim of “natural gem.” It’s nice there, but it has been altered and is not a “green field” stream.

I finally got the feedback on the public meeting. We need to put together a “managed virtual meeting.” So we need to give a high-level type of presentation that isn’t too technical – like this one and the one we did at Seminary.

I’ll email Sarah Godfrey and cc you all.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Tuesday, May 26, 2020 9:53 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Taylor Run Old GIS Aerials

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703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, May 26, 2020 9:52 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: RE: Taylor Run Old GIS Aerials

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Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Tuesday, May 26, 2020 9:33 AM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: RE: Taylor Run Old GIS Aerials

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Division Chief

T&ES, Stormwater Management

703.746.4643 (direct)

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Sent: Tuesday, May 26, 2020 9:31 AM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: RE: Taylor Run Old GIS Aerials

Good Morning Jesse

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Altan

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Monday, May 25, 2020 7:16 AM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: Taylor Run Old GIS Aerials

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Division Chief

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From: [Jesse Maines](#)
To: [Sarah Godfrey](#)
Cc: [Altan Erginkoc](#); [Brian Rahal](#)
Subject: Taylor Run Stream Restoration - Virtual Public Meeting
Date: Tuesday, May 26, 2020 1:05:54 PM

Hey Sarah,

Hope you're hanging in there. I just got off a meeting with Mark, Emily, and Yon about this project. They gave the go-ahead to do a "managed virtual public meeting" for this project. We've had a number of meetings during the design phase and received some comments that we need to continue to address. We're at the 100% design now, after taking comments into consideration where applicable. Some are just fully opposed.

After feedback from you and Yon, we revised our public meeting presentation approach - less technical and more layperson and high level approach. Was hoping to do a presentation and take comments. Can you please help out?

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief
Stormwater Management
Transportation & Environmental Services
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From: [Jesse Maines](#)
To: [Sarah Godfrey](#)
Cc: [Altan Erginkoc](#); [Brian Rahal](#)
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting
Date: Thursday, May 28, 2020 2:23:07 PM

Hey Sarah,

Thank you very much for the HBD wishes! Usually I luck out and get the whole Memorial Day weekend celebration wrapped in my birthday. Like everyone else trying to celebrate during this time, it was less eventful. I did get a lot done around the house, to include doing some yesterday, and I'm pleased so far with the outcome, and got to hang with the family and have BBQ. So it was awesome!

Thanks for laying out the process. We don't have a specific date in mind, but sometime pretty soon. As for the process, does the CMP and CAO need to review content as well for that first step?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 12:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

First off, happy belated birthday! Hope it was a good one.

I received some guidance from OCPI and ITS on the virtual meeting process. Here's what I learned:

- Once both CMO and CAO sign off on your virtual meeting, the next step is to reach out to the ITS Help Desk (just a regular support ticket/call is fine) with your date and ask for their support with a public meeting.
- Once ITS confirms that you're all set, reach out to our departmental ITS liaisons, Dave Kurtz and Sarah Popelka, who can help with any training you may need, and your departmental Communications liaison (me!) to start promoting.

Dave let me know that ITS is working on a form/checklist for this process that he'll pass along to staff.

In addition to the promotional piece, happy to help with any steps in this process—let me know.

Thanks,
Sarah

From: Sarah Godfrey
Sent: Tuesday, May 26, 2020 4:50 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

Yes, happy to help! I'm checking with OCPI to see what guidance/support they're offering for approved virtual public meetings and will report back. Do you have a date in mind?

Hope all is well,
Sarah

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 26, 2020 1:06 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Hope you're hanging in there. I just got off a meeting with Mark, Emily, and Yon about this project. They gave the go-ahead to do a "managed virtual public meeting" for this project. We've had a number of meetings during the design phase and received some comments that we need to continue to address. We're at the 100% design now, after taking comments into consideration where applicable. Some are just fully opposed.

After feedback from you and Yon, we revised our public meeting presentation approach - less technical and more layperson and high level approach. Was hoping to do a presentation and take comments. Can you please help out?

Thanks,

Jesse E. Maines, MPA, PMP
Division Chief
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From: [Brian Rahal](#)
To: [Syed Imran](#); [Jesse Maines](#)
Cc: [Altan Erginkoc](#); [Nathan A. Orr](#); [Matthew Landes](#)
Subject: RE: Taylor Run Easement
Date: Friday, May 29, 2020 11:15:00 AM

Syed,

I've talked with Nathan Orr about the permanent easement document. I believe he is working on the easement document.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 28, 2020 9:35 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Nathan A. Orr <nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: Taylor Run Easement

Jesse/Brian,

Lucky Run easements are temporary construction easement and need different language for permanent easements at Church property. Is there any recent Permanent easement agreement which could be used for Taylor Run?

Thank you,

Syed

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, May 22, 2020 12:39 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Nathan A. Orr

<nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>

Subject: RE: Taylor Run Easement

Lucky Run was the last one we put together. So that one should work. For routing I would think Taylor Run wouldn't need to get routed for all those signatures like Lucky Run. But Matt/Nathan would need to weigh in. I don't think the, for instance, Karl would need to sign it. Usually it's just been CMO, but if Nathan wants to do it differently, we'll follow that.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Friday, May 22, 2020 12:02 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Nathan A. Orr
<nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>

Subject: RE: Taylor Run Easement

Thanks and we can use Lucky Run or any latest language you have. Let me know if Lucky Run is latest and I will update it for Taylor?

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Friday, May 22, 2020 10:57 AM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Nathan A. Orr
<nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>

Subject: RE: Taylor Run Easement

Hey Syed,

Brian's out today. The easement language would need to come from us. If you have a past one and can start working it up, that would great. Then the full package can go to CAO.

Thanks,

Jesse Maines, MPA, PMP

Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Friday, May 22, 2020 10:38 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Nathan A. Orr <nathan.orr@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: Taylor Run Easement

Hi Brian,
I was wondering if you will draft easement agreement or it will come from City attorney office? We can use an existing agreement and send for City attorney review. Let me know how I can help in preparing deed for church easement.

Thanks and have nice long weekend,

Syed

From: Nathan A. Orr <nathan.orr@alexandriava.gov>
Sent: Thursday, May 21, 2020 4:16 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: Any update about ? Taylor Run

Yeah let me know. Because if the deed is prepared, and we're close to owner signatures being obtained, I will figure out how to route my plat for department approval signature as well. That's why I was curious if plat needs to be routed for internal review first, perhaps with next site plan submission. Maybe ask Brian and let me know.
Would be best if owners sign deed and review plat prior to routing for internal signatures of plat, just in case owner ask for revisions.

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 21, 2020 4:06 PM
To: Nathan A. Orr <nathan.orr@alexandriava.gov>
Subject: RE: Taylor Run Easement

Hi Nathan, We are doing well and thanks for update. I will coordinate with Brian about deed.

Thanks again and stay safe!

Syed

From: Nathan A. Orr <nathan.orr@alexandriava.gov>

Sent: Thursday, May 21, 2020 3:49 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Subject: RE: Taylor Run Easement

Syed! How are you sir?

Update: I submitted the completed easement plat on 05/04/20. That concluded survey involvement, unless there are any comments on the plat that require a revision. If so, just let me know! Do you know if the deed has been prepared yet, and if owners have signed? Also, will this plat be included for any internal review with the next site plan submission?

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Thursday, May 21, 2020 2:43 PM
To: Nathan A. Orr <nathan.orr@alexandriava.gov>
Subject: Any update about ? Taylor Run

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov



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From: [Jesse Maines](#)
To: [Sarah Godfrey](#)
Cc: [Altan Erginkoc](#); [Brian Rahal](#)
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting
Date: Friday, May 29, 2020 12:02:59 PM

Thanks Sarah! Will get things rolling then.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 6:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Glad it was a good day! BBQ and family are the keys to a great celebration!

You, Bill, and Yon may decide to have Emily and someone in CAO take a look at your presentation, but it's not a requirement for the virtual meeting process.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, May 28, 2020 2:23 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Thank you very much for the HBD wishes! Usually I luck out and get the whole Memorial Day weekend celebration wrapped in my birthday. Like everyone else trying to celebrate during this time, it was less eventful. I did get a lot done around the house, to include doing some yesterday, and I'm pleased so far with the outcome, and got to hang with the family and have BBQ. So it was awesome!

Thanks for laying out the process. We don't have a specific date in mind, but sometime pretty soon. As for the process, does the CMP and CAO need to review content as well for that first step?

Thanks,

Jesse Maines, MPA, PMP

Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 12:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

First off, happy belated birthday! Hope it was a good one.

I received some guidance from OCPI and ITS on the virtual meeting process. Here's what I learned:

- Once both CMO and CAO sign off on your virtual meeting, the next step is to reach out to the ITS Help Desk (just a regular support ticket/call is fine) with your date and ask for their support with a public meeting.
- Once ITS confirms that you're all set, reach out to our departmental ITS liaisons, Dave Kurtz and Sarah Popelka, who can help with any training you may need, and your departmental Communications liaison (me!) to start promoting.

Dave let me know that ITS is working on a form/checklist for this process that he'll pass along to staff.

In addition to the promotional piece, happy to help with any steps in this process—let me know.

Thanks,
Sarah

From: Sarah Godfrey
Sent: Tuesday, May 26, 2020 4:50 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

Yes, happy to help! I'm checking with OCPI to see what guidance/support they're offering for approved virtual public meetings and will report back. Do you have a date in mind?

Hope all is well,

Sarah

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 26, 2020 1:06 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Hope you're hanging in there. I just got off a meeting with Mark, Emily, and Yon about this project. They gave the go-ahead to do a "managed virtual public meeting" for this project. We've had a number of meetings during the design phase and received some comments that we need to continue to address. We're at the 100% design now, after taking comments into consideration where applicable. Some are just fully opposed.

After feedback from you and Yon, we revised our public meeting presentation approach - less technical and more layperson and high level approach. Was hoping to do a presentation and take comments. Can you please help out?

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

www.alexandriava.gov/Stormwater



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alexandriava.gov/Census2020

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Strawberry Run Stream Restoration - Construction Easements
Date: Thursday, June 4, 2020 10:56:42 AM

Basically, Nathan is technically right, but anyone can prepare a freaking document. Whether it becomes a legal agreement is up to the lawyers.

So, we'll have to do that for both Strawberry and Taylor. But, again, are we the Easement Experts? Who should be doing that work? Do we need to get a legal consultant? Who runs that contract? How much can we bother CAO? Who is assigned to TES at CAO? Who would usually work on other Property Acquisition for Trans projects? Again, so many questions. And why is DPI so intent on not dealing with a critical aspect of their project management responsibilities? I just don't get it.

sigh I'll see if I can have Altan draft the easement(s) for Strawberry. I'll work on Taylor.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, June 4, 2020 10:45 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Strawberry Run Stream Restoration - Construction Easements

Brian,

I wasn't involved in the PMP for Strawberry. It's probably in word format because it likely wasn't finalized. Tony was waffling on whether we were doing charters or PMPs for projects. I remember Meli working on the one for Lucky with Joni. Was probably doing the same thing on Strawberry and didn't finish it I bet.

It's annoying because what do they really do? /vent When practical, we need to talk to Matt about coming up with a PMP checklist (menu) to be used for a template for these PMPs. I know they want to get there. But we're likely going to go from seat of the pants to bogged down in checklists and processes once the PM teams get back together.

It also sounds like Nathan has different ideas about easements. Been trying to follow but honestly haven't been able.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Thursday, June 4, 2020 10:30 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Strawberry Run Stream Restoration - Construction Easements
Importance: High

Jesse,

Do you recall that the PMP for Strawberry includes this:

Easement Acquisition

As needed, T&ES, in collaboration with DPI, will lead the effort in acquiring right of entry agreements, construction easements, and permanent maintenance easements from property owners.

Also, see below. For some reason, I don't recall making the switch from DPI to TES to come up with the necessary easements. Never came up in progress meetings that I recall. Did we ever finalize the Strawberry PMP? Why is it still in word doc format? So, many questions...

Looking at the progress of the documents, it looks like it was a last minute change in May 2019. I don't recall being part of the negotiations. Do you?

We're a bit behind in acquiring the easements, but it's just temporary construction, so no notarizing or recording needed.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919

brian.rahal@alexandriava.gov

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Thursday, June 4, 2020 9:54 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Strawberry Run Stream Restoration - Construction Easements

Good Morning Brian,

I believe we discussed earlier but the effort in acquiring right of entry agreements, construction easements, and permanent maintenance easements from property owners lead by the T&ES based on the PMP's provided by Murphy. I checked the project files but did not see any survey request or notification letter template sent to homeowners earlier. Please let me know your availability to discuss further today or tomorrow.

Thanks

Altan Erginkoc

Civil Engineer III
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
W: 703-746-4174
M: 703-819-5887



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From: Murphy Ng <Murphy.Ng@alexandriava.gov>
Sent: Wednesday, June 3, 2020 6:19 PM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Strawberry Run Stream Restoration - Construction Easements

Hi Altan,

To follow-up with our earlier conversation. Based on the PMP, Stormwater is responsible for acquiring the easements for this project.

Below are some background information:

Attached are the exhibits provided by the consultant for the properties that we need easements from. Lots 9 and 10 are the crucial easements to acquire since the existing channel is within the private properties. Having the easement for lot 11 would allow the bank of the channel to be graded 3:1, otherwise that area remains to be closer to 2:1 (as reflected in the 90% design plans). Through previous outreach meetings, we've only received the contact number for the homeowner of Lot 10. The others either did not sign in or did not attend the meetings.

Home owner information for easements needed are as follows:

Lot 9 - 3739 Taft Av – Christine Walika

Lot 10 - 3729 Taft Av – Soloman Cortez (703-606-9396)

Lot 11 – 3725 Taft Av – Juan Ruiz

The City arborist (John Marlin) has recommended trees to propose as replacement for loss of screening for removal of the existing bamboos (see email below).

Nathan Orr (with the Survey dept.) has expressed that given advance notice, he can assign a survey crew to attend on-site meeting to locate the existing property line to help home owners visualize the potential impacts to their property.

Let me know if there is additional information that you need or how I can assist you in the process.

Thanks,

Murphy Ng, PE
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703.746.4699 (Direct)
www.alexandriava.gov

From: John Marlin <John.Marlin@alexandriava.gov>

Sent: Tuesday, March 10, 2020 4:21 PM

To: Murphy Ng <Murphy.Ng@alexandriava.gov>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>

Subject: Re: Strawberry Run Stream Restoration - Tree Planting Recommendation

Hi,

A good candidate for fast growth would be Black Willow.

Slightly slower but more substantial trees would be sycamore, sweetgum, tulip tree and red oak.

A mixture of black willow for quick screening/filler and the rest for longevity and canopy would strike a good balance between short and long term objectives

John Marlin

City Arborist | Urban Forestry

Recreation, Parks and Cultural Activities (RPCA)

City of Alexandria, VA

2900-A Business Center Dr., Alexandria, VA 22314

M: 703.795.2798

O: 703.746.5499

john.marlin@alexandriava.gov

From: Murphy Ng <Murphy.Ng@alexandriava.gov>

Sent: Monday, March 9, 2020 9:53 AM

To: John Marlin <John.Marlin@alexandriava.gov>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>

Subject: Strawberry Run Stream Restoration - Tree Planting Recommendation

Hi John,

Please see attached exhibit for the Strawberry Run Stream Restoration project. Homeowners with their backyard facing the stream are concerned about losing all their screening provided by the existing trees once they are removed. Do you have recommendations for types of trees to plant that are fast growing, provides screening, and is able hold it's roots on/or close to a stream bank?

Thanks,

Murphy Ng, PE
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703.746.4699 (Direct)
alexandriava.gov



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From: [Brian Rahal](#)
To: [Chapla, Alex](#); [Syed Imran](#); [Staley, Nathan](#); [Napier, Sarah J](#)
Cc: [Altan Erginkoc](#); [Matthew Landes](#); [Jesse Maines](#)
Subject: RE: City Comments - Taylor Run 90% Submission
Date: Tuesday, June 9, 2020 9:22:47 AM
Attachments: [image001.jpg](#)

Alex,

I believe the City logo with WSSI and AECOM logos are sufficient.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Chapla, Alex <AChapla@wetlands.com>
Sent: Tuesday, June 9, 2020 9:15 AM
To: Syed Imran <Syed.Imran@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Subject: RE: City Comments - Taylor Run 90% Submission

Syed/Altan,

Could you clarify who the “project partners” should be in comment 1 below? We are unsure if this is just WSSI, AECOM, and Alexandria Stormwater, or if it should also include the Chinguapin Center, the church, Alexandria Parks and Rec, etc. Could you also provide official logos for the partners that need to be included?

Thank you,

Alex Chapla, Project Engineer
[Wetland Studies and Solutions, Inc.](#)
703.679.5757

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Tuesday, May 26, 2020 10:26 AM

To: Staley, Nathan <NStaley@wetlands.com>; Chapla, Alex <AChapla@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>

Subject: FW: City Comments - Taylor Run 90% Submission

Good Morning,

Here are comments related to educational signs. Please let me know if you have any questions.

Thanks,

Syed

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Sent: Friday, May 22, 2020 4:16 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: RE: City Comments - Taylor Run 90% Submission

Syed,

I listed my recommendation at below as well I attached Melanie comments (I apologize but do have some issues on my surface and could not combine all comments as pdf file) for the Taylor Run Stream Restoration Informative Sign content sent by Nathan earlier.

1. Better to provide project partners and their logos at bottom of each sign.
2. Majority of plants cant not identify with green background at sheet 1 of 4 . Provide more colorful pictures while inviting public to explore more about till go to following sign. Provide a graphic of the % tree cover and impervious area. (We can add some notes point some of the major planting area : "Please keep walking 500 feet's at trail to see next riparian plant #1" etc.)
3. Stream Corridor health at sheet 2 of 4 need to provide more information about healthy habitat around the stream. They may also be utilized to explain the importance of the stream restoration project outcome to visitors and educate on fish and wildlife habitat.
4. Project overview at sheet 3 of 4 must be identify as first sign. Providing more pictures (Before and After Stream Restoration Structure Picture's) will help to public to understanding benefits rather than reading technical description. Would there be a way to show "you are here" with a map of Alexandria?
5. Provide more pictures streambank restoration project in progress or the wetland history of a project with minimum technical information I think it would be helpful if we mention the Chesapeake Bay somewhere in there. The importance of wetland or list the benefits how to help to protect the area from further habitat degradation on-site and throughout the area at sheet 4 of 4.

I found only three location marked for an educational sign at proposed 90% plans which I listed at below. Please specify their exact location with view (towards to trail or some angle to easy to see each of them) to public to each sign accordingly. Also, Sign Details Content at H1-H2-H3 at green box says "Alex Parks Wayfinding Strategy" at the sheet 60 of 84 (DET-04) and did not understand the purpose of it.

- First sign @ Sheet GP-01 (Near Entrance of Trail)
- Second Sign @ Sheet GP-02 (Near Woods Entrance)
- Third Sign @ Sheet GP-03 (End of Replacement Bridge)

Look forward to discuss further if you have any questions or clarification.
Happy Memorial weekend to all !

Altan Erginkoc

Civil Engineer III
Stormwater Management Division
Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

W: 703-746-4174

M: 703-819-5887

Image removed by sender. Census 2020 image



From: Staley, Nathan <NStaley@wetlands.com>

Sent: Wednesday, April 29, 2020 1:09 PM

To: Syed Imran <Syed.Imran@alexandriava.gov>; Napier, Sarah J <sarah.j.napier@aecom.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>

Subject: RE: City Comments - Taylor Run 90% Submission

Syed,

I've attached our drafts of the educational signage. Please take a look and let us know what suggestions you have or edits you might like to see. We would especially like feedback on the 3rd sign and feel like it would be the logical place to incorporate any of the City's high-level general

stormwater program messaging.

Thanks,
Nathan

Nathan A. Staley, PE, CFM, PWS, LEED® AP

Senior Associate Engineer

[Wetland Studies and Solutions, Inc.](#)

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208

From: Syed Imran <Syed.Imran@alexandriava.gov>

Sent: Tuesday, April 28, 2020 4:36 PM

To: Staley, Nathan <NStaley@wetlands.com>; Napier, Sarah J <sarah.j.napier@aecom.com>; Chapla, Alex <ACHapla@wetlands.com>

Cc: Matthew Landes <Matthew.Landes@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: City Comments - Taylor Run 90% Submission

Sarah/Nathan,

Attached are partial City comments for Taylor Run 90% submission. There was confusion due to additional draft submission in between 60% and 90% , so this submission was routed to few people who reviewed draft submission. It has been rerouted to others with April 30th deadline for comments so we might have to change our comments review meeting next week. We can coordinate this Friday, if there will be need to change Monday April 4th meeting, after you receive additional comments. Please let me know if you have any questions.

Thanks,

Syed Imran
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703-746-4659 (office)
703-217-5293 (mobile)
alexandriava.gov

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From: [Jesse Maines](#)
To: [Brian Rahal](#); [Murphy Ng](#); [Matthew Landes](#)
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting
Date: Wednesday, June 10, 2020 2:34:42 PM

I think we can discuss about Strawberry and how much more we do for Strawberry. The focus is mostly on Taylor for a virtual public outreach session as the push back has been focused on Taylor. For Strawberry, we can discuss but maybe the outreach focuses on the adjacent and most impacted property owners.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Wednesday, June 10, 2020 9:59 AM
To: Murphy Ng <Murphy.Ng@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Taylor Run Stream Restoration - Virtual Public Meeting

All,

This is what we've worked out so far with Taylor Run. Assuming Strawberry will use same process. See below.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, May 29, 2020 12:03 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>

Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Thanks Sarah! Will get things rolling then.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 6:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Glad it was a good day! BBQ and family are the keys to a great celebration!

You, Bill, and Yon may decide to have Emily and someone in CAO take a look at your presentation, but it's not a requirement for the virtual meeting process.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, May 28, 2020 2:23 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Thank you very much for the HBD wishes! Usually I luck out and get the whole Memorial Day weekend celebration wrapped in my birthday. Like everyone else trying to celebrate during this time, it was less eventful. I did get a lot done around the house, to include doing some yesterday, and I'm pleased so far with the outcome, and got to hang with the family and have BBQ. So it was awesome!

Thanks for laying out the process. We don't have a specific date in mind, but sometime pretty soon. As for the process, does the CMP and CAO need to review content as well for that first step?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management

703.746.4643 (direct)
571.414.8237 (mobile)

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 12:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

First off, happy belated birthday! Hope it was a good one.

I received some guidance from OCPI and ITS on the virtual meeting process. Here's what I learned:

- Once both CMO and CAO sign off on your virtual meeting, the next step is to reach out to the ITS Help Desk (just a regular support ticket/call is fine) with your date and ask for their support with a public meeting.
- Once ITS confirms that you're all set, reach out to our departmental ITS liaisons, Dave Kurtz and Sarah Popelka, who can help with any training you may need, and your departmental Communications liaison (me!) to start promoting.

Dave let me know that ITS is working on a form/checklist for this process that he'll pass along to staff.

In addition to the promotional piece, happy to help with any steps in this process—let me know.

Thanks,
Sarah

From: Sarah Godfrey
Sent: Tuesday, May 26, 2020 4:50 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

Yes, happy to help! I'm checking with OCPI to see what guidance/support they're offering for approved virtual public meetings and will report back. Do you have a date in mind?

Hope all is well,
Sarah

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 26, 2020 1:06 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Hope you're hanging in there. I just got off a meeting with Mark, Emily, and Yon about this project. They gave the go-ahead to do a "managed virtual public meeting" for this project. We've had a number of meetings during the design phase and received some comments that we need to continue to address. We're at the 100% design now, after taking comments into consideration where applicable. Some are just fully opposed.

After feedback from you and Yon, we revised our public meeting presentation approach - less technical and more layperson and high level approach. Was hoping to do a presentation and take comments. Can you please help out?

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

www.alexandriava.gov/Stormwater



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From: [Jesse Maines](#)
To: [Yon Lambert](#); [William Skrabak](#)
Cc: [Brian Rahal](#); [Altan Erginkoc](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Friday, June 12, 2020 11:00:06 AM

Hey Yon,

Will get you something early next week at the latest. Sorry for the delay.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 2:29 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,
Thanks. I am looking for a proposed schedule and approach. That's something I think you and your team would come up with (yes, after consulting Sarah but not dependent on her). When do you expect to be able to share with me what is under consideration?
Thanks,
Yon

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, June 8, 2020 11:55 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

We've been working with Sarah on the process and she laid it out for us. We have a good amount of content that we need to formulate together. Concurrently, we will work through Sarah with OCPI on the outreach.

Thanks,

Jesse Maines, MPA, PMP

Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

Given our conversation with Mark and Emily, could you provide an update on next steps for outreach on Taylor Run? I specifically would like to see a plan for virtual project updates this summer. As an FYI, please take a look at how DPI is providing [virtual presentations](#) on the Potomac Yard Metro station for PYMIG.

Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 19, 2020 8:30 AM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Good morning Andrekia,

Please go ahead and schedule the meeting. Bill will be out of town with wifi that can be spotty, but asked us to go ahead and set up the meeting.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management

703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, May 18, 2020 6:17 PM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: Re: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Andrekia

Yes I am available. Have to you heard from Bill?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On May 18, 2020, at 5:50 PM, Andrekia Rogers <andrekia.rogers@alexandriava.gov> wrote:

Hi Jesse!

Emily has requested that the Alexandria Taylor Run meeting be rescheduled. I have found availability on Emily & Mark's calendar for May 26 from 12:00-1:00.

Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
301 King Street, Suite 3500, Alexandria, VA
Main: (703)746-4300|Direct: (703)746-3721
andrekia.rogers@alexandriava.gov



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From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Strawberry Run - 90% Submittal
Date: Tuesday, June 16, 2020 9:35:46 AM

Jesse,

I just checked Randy's master contract list and I didn't find any legal consultants on the list. Maybe I missed something, but I was thinking, if we had such a contract, and I'm sure we do (just not on Randy's list), we could engage them to draft the easements. Might go faster.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, June 12, 2020 6:57 PM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Altan,

Brian and I spoke today about this. According to the PMPs, this task is on us. Regardless, we should work together to make this happen. DPI is not sure and did not think it was on them. We should lead the effort and give DPI clear direction on specific items where they can help.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Wednesday, June 3, 2020 5:40 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Brian,
Thank you for the clarification. I will make sure remove this task from us and let Murphy contact with Nathan accordingly.
Thanks
Altan

Altan Erginkoc
Civil Engineer III
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
W: 703-746-4174
M: 703-819-5887



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From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Wednesday, June 3, 2020 5:22 PM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Altan,

DPI has been responsible for obtaining the easements. They just need to work with Nathan Orr, the Division Chief of Surveys.

Nathan did just give some clarification on the process, this week, when talking about the easement for Taylor Run. (Attached).

DPI needs to work it out. It's really not that difficult. If we feel like it would move the process along if we provide a draft easement, then we should do that, but that's not how things should work. Are we the easement experts?

In the past, we (Kim Davison – Survey Division) would draft the document, using an executed and

recorded easement as a template, then get City Attorney's Office to approve, as to form. Then it goes out for signatures. Then it gets recorded, only if it is permanent.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Sent: Wednesday, June 3, 2020 4:59 PM

To: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: RE: Strawberry Run - 90% Submittal

Brian

We need to finalize the easement with home owner for the grading/access/planting so do we have any template start with ? Did Joni start any work regarding with the easement earlier ?

Altan Erginkoc

Civil Engineer III

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

W: 703-746-4174

M: 703-819-5887



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From: Brian Rahal <Brian.Rahal@alexandriava.gov>

Sent: Wednesday, June 3, 2020 4:26 PM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Altan,

OK. I see the meeting on the 9th.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Wednesday, June 3, 2020 4:25 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Not today but our next meeting will be on 6/9.

Altan Erginkoc
Civil Engineer III
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
W: 703-746-4174
M: 703-819-5887



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From: Brian Rahal <Brian.Rahal@alexandriava.gov>

Sent: Wednesday, June 3, 2020 4:00 PM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Is there a meeting today? I don't have anything on my calendar!

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://www.cityofalexandria.com)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Wednesday, June 3, 2020 3:31 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Brian,

I uploaded them to below folder. Let me know if you want me to share with Melanie or any comments before the meeting.

Thanks

<S:\envqtlty\Stormwater\Projects\Strawberry Run Stream Restoration\07 Deliverables\90% Submittals>

Altan Erginkoc

Civil Engineer III
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://www.cityofalexandria.com)
W: 703-746-4174
M: 703-819-5887



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From: Murphy Ng <Murphy.Ng@alexandriava.gov>
Sent: Wednesday, June 3, 2020 1:56 PM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

Great! I've also formally routed the plans through APEX to the various departments yesterday.

Murphy Ng, PE
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703.746.4699 (Direct)
www.alexandriava.gov

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Wednesday, June 3, 2020 1:53 PM
To: Murphy Ng <Murphy.Ng@alexandriava.gov>
Subject: RE: Strawberry Run - 90% Submittal

I do have some issues earlier but finally I downloaded them. I am reviewing them now.

Altan Erginkoc
Civil Engineer III
Stormwater Management Division
Department of Transportation & Environmental Services
City of Alexandria, Virginia
W: 703-746-4174
M: 703-819-5887



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From: Murphy Ng <Murphy.Ng@alexandriava.gov>

Sent: Wednesday, May 27, 2020 8:05 AM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: Strawberry Run - 90% Submittal

Altan,

Did you get a link from sharepoint for the plans and specifications loaded onto the sharepoint site?
Were you able to access and download the files?

Thanks,

Murphy Ng, PE
Civil Engineer III
City of Alexandria, Virginia
Department of Project Implementation
703.746.4699 (Direct)
alexandriava.gov



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From: [Brian Rahal](#)
To: [Sarah Godfrey](#); [Jesse Maines](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting
Date: Tuesday, June 16, 2020 9:49:00 AM

Hi Sarah,

What's the lead-time needed for CMO & CAO approval? Does the request for review come in email/attachment form, or is there a hard-copy memo that get's routed?

I'll need this info to build into the schedule for the next couple meetings.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 6:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Glad it was a good day! BBQ and family are the keys to a great celebration!

You, Bill, and Yon may decide to have Emily and someone in CAO take a look at your presentation, but it's not a requirement for the virtual meeting process.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, May 28, 2020 2:23 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Thank you very much for the HBD wishes! Usually I luck out and get the whole Memorial Day

weekend celebration wrapped in my birthday. Like everyone else trying to celebrate during this time, it was less eventful. I did get a lot done around the house, to include doing some yesterday, and I'm pleased so far with the outcome, and got to hang with the family and have BBQ. So it was awesome!

Thanks for laying out the process. We don't have a specific date in mind, but sometime pretty soon. As for the process, does the CMP and CAO need to review content as well for that first step?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
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To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
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Hi Jesse,

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I received some guidance from OCPI and ITS on the virtual meeting process. Here's what I learned:

- Once both CMO and CAO sign off on your virtual meeting, the next step is to reach out to the ITS Help Desk (just a regular support ticket/call is fine) with your date and ask for their support with a public meeting.
- Once ITS confirms that you're all set, reach out to our departmental ITS liaisons, Dave Kurtz and Sarah Popelka, who can help with any training you may need, and your departmental Communications liaison (me!) to start promoting.

Dave let me know that ITS is working on a form/checklist for this process that he'll pass along to staff.

In addition to the promotional piece, happy to help with any steps in this process—let me know.

Thanks,
Sarah

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Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

Yes, happy to help! I'm checking with OCPI to see what guidance/support they're offering for approved virtual public meetings and will report back. Do you have a date in mind?

Hope all is well,

Sarah

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Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: Taylor Run Stream Restoration - Virtual Public Meeting

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Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

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Cell Phone (mobile): 571.414.8237

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alexandriava.gov/Census2020

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Tuesday, June 16, 2020 9:55:00 AM
Importance: High

Jesse,

Incidentally, NPY virtual meetings are being hosted by the developer partner JBG and it's on a Planning project website. Yon sent a link to DPI's project website that just posts narrated video presentations that get posted to the same app as the council recorded sessions (granica?).

So, who's website do we use? DPI's? Our own?

Trying to connect the dots.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

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Sent: Friday, June 12, 2020 11:00 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

Will get you something early next week at the latest. Sorry for the delay.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)

571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
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Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

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Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 19, 2020 8:30 AM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Good morning Andrekia,

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Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, May 18, 2020 6:17 PM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: Re: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Andrekia

Yes I am available. Have to you heard from Bill?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On May 18, 2020, at 5:50 PM, Andrekia Rogers <andrekia.rogers@alexandriava.gov> wrote:

Hi Jesse!

Emily has requested that the Alexandria Taylor Run meeting be rescheduled. I have found availability on Emily & Mark's calendar for May 26 from 12:00-1:00.

Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
301 King Street, Suite 3500, Alexandria, VA
Main: (703)746-4300|Direct: (703)746-3721
andrekia.rogers@alexandriava.gov



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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Tuesday, June 16, 2020 10:38:08 AM

I think we use our website as much as possible unless DPI can do it quickly. Jess can help after this MS4 audit tomorrow.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, June 16, 2020 9:56 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Importance: High

Jesse,

Incidentally, NPY virtual meetings are being hosted by the developer partner JBG and it's on a Planning project website. You sent a link to DPI's project website that just posts narrated video presentations that get posted to the same app as the council recorded sessions (granica?).

So, who's website do we use? DPI's? Our own?

Trying to connect the dots.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Friday, June 12, 2020 11:00 AM

To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

Will get you something early next week at the latest. Sorry for the delay.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>

Sent: Monday, June 8, 2020 2:29 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

Thanks. I am looking for a proposed schedule and approach. That's something I think you and your team would come up with (yes, after consulting Sarah but not dependent on her). When do you expect to be able to share with me what is under consideration?

Thanks,

Yon

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Monday, June 8, 2020 11:55 AM

To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

We've been working with Sarah on the process and she laid it out for us. We have a good amount of content that we need to formulate together. Concurrently, we will work through Sarah with OCPI on the outreach.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

Given our conversation with Mark and Emily, could you provide an update on next steps for outreach on Taylor Run? I specifically would like to see a plan for virtual project updates this summer. As an FYI, please take a look at how DPI is providing [virtual presentations](#) on the Potomac Yard Metro station for PYMIG.

Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 19, 2020 8:30 AM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Good morning Andrekia,

Please go ahead and schedule the meeting. Bill will be out of town with wifi that can be spotty, but asked us to go ahead and set up the meeting.

Thanks,

Jesse Maines, MPA, PMP
Division Chief

T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, May 18, 2020 6:17 PM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: Re: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Andrekia

Yes I am available. Have to you heard from Bill?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On May 18, 2020, at 5:50 PM, Andrekia Rogers <andrekia.rogers@alexandriava.gov> wrote:

Hi Jesse!

Emily has requested that the Alexandria Taylor Run meeting be rescheduled. I have found availability on Emily & Mark's calendar for May 26 from 12:00-1:00.

Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
301 King Street, Suite 3500, Alexandria, VA
Main: (703)746-4300|Direct: (703)746-3721

andrekia.rogers@alexandriava.gov



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alexandriava.gov/Census2020

From: [Brian Rahal](#)
To: [Sarah Godfrey](#); [Jesse Maines](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting
Date: Tuesday, June 16, 2020 2:09:02 PM

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Tuesday, June 16, 2020 1:51 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Brian,

Below is an example of a P&Z request that was shared with me as an example of what to send to CMO/CAO. I don't think it needs to be as fancy as their table, but once Yon and Bill OK everything, I'd send an email like the one below to Emily and Joanna as far in advance as you can (3-4 weeks), so you can adjust based on their response.

Thanks!
Sarah

*

From: Patrick Silva <Patrick.Silva@alexandriava.gov>
Sent: Thursday, May 28, 2020 3:58 PM
To: Joanna Anderson <Joanna.Anderson@alexandriava.gov>; Emily Baker <Emily.Baker@alexandriava.gov>
Cc: Nancy Williams <Nancy.Williams@alexandriava.gov>; Karl Moritz <Karl.Moritz@alexandriava.gov>; Christina Brown <Christina.Brown@alexandriava.gov>; Anh Vu <Anh.Vu@alexandriava.gov>; Abdi Barre <abdi.barre@alexandriava.gov>; Justin Thompson

City of Alexandria
Department of Planning and Zoning, Room 2100
301 King Street
Alexandria, VA 22314
Patrick.Silva@alexandriava.gov
(703) 746-3806

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, June 16, 2020 9:49 AM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Sarah,

What's the lead-time needed for CMO & CAO approval? Does the request for review come in email/attachment form, or is there a hard-copy memo that get's routed?

I'll need this info to build into the schedule for the next couple meetings.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://www.cityofalexandria.com)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 6:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Glad it was a good day! BBQ and family are the keys to a great celebration!

You, Bill, and Yon may decide to have Emily and someone in CAO take a look at your presentation, but it's not a requirement for the virtual meeting process.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, May 28, 2020 2:23 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Thank you very much for the HBD wishes! Usually I luck out and get the whole Memorial Day weekend celebration wrapped in my birthday. Like everyone else trying to celebrate during this time, it was less eventful. I did get a lot done around the house, to include doing some yesterday, and I'm pleased so far with the outcome, and got to hang with the family and have BBQ. So it was awesome!

Thanks for laying out the process. We don't have a specific date in mind, but sometime pretty soon. As for the process, does the CMP and CAO need to review content as well for that first step?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Thursday, May 28, 2020 12:25 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

First off, happy belated birthday! Hope it was a good one.

I received some guidance from OCPI and ITS on the virtual meeting process. Here's what I learned:

- Once both CMO and CAO sign off on your virtual meeting, the next step is to reach out to the ITS Help Desk (just a regular support ticket/call is fine) with your date and ask for their support with a public meeting.

- Once ITS confirms that you're all set, reach out to our departmental ITS liaisons, Dave Kurtz and Sarah Popelka, who can help with any training you may need, and your departmental Communications liaison (me!) to start promoting.

Dave let me know that ITS is working on a form/checklist for this process that he'll pass along to staff.

In addition to the promotional piece, happy to help with any steps in this process—let me know.

Thanks,
Sarah

From: Sarah Godfrey
Sent: Tuesday, May 26, 2020 4:50 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run Stream Restoration - Virtual Public Meeting

Hi Jesse,

Yes, happy to help! I'm checking with OCPI to see what guidance/support they're offering for approved virtual public meetings and will report back. Do you have a date in mind?

Hope all is well,
Sarah

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 26, 2020 1:06 PM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Run Stream Restoration - Virtual Public Meeting

Hey Sarah,

Hope you're hanging in there. I just got off a meeting with Mark, Emily, and Yon about this project. They gave the go-ahead to do a "managed virtual public meeting" for this project. We've had a number of meetings during the design phase and received some comments that we need to continue to address. We're at the 100% design now, after taking comments into consideration where applicable. Some are just fully opposed.

After feedback from you and Yon, we revised our public meeting presentation approach - less technical and more layperson and high level approach. Was hoping to do a presentation and take comments. Can you please help out?

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

www.alexandriava.gov/Stormwater



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From: [Altan Erginkoc](#)
To: [Jesse Maines](#)
Cc: [Brian Rahal](#)
Subject: RE: Lucky Run planting plan
Date: Thursday, June 18, 2020 10:49:33 AM

Jesse,

I sent him this morning.

Brian,

I am working of Taylor Run draft presentation. Please see it (DRAFT_City of Alexandria_Water Resources and Stormwater Mgmt) at below link and let me know if you have any comments.

Thanks

[\\alexgov.net/tes01/DeptFiles/Tes/envqlty/Stormwater/Projects/Taylor Run Stream Restoration/03 Outreach/07.23.2020 Virtual Public Meeting](https://alexgov.net/tes01/DeptFiles/Tes/envqlty/Stormwater/Projects/Taylor Run Stream Restoration/03 Outreach/07.23.2020 Virtual Public Meeting)

Altan Erginkoc

Civil Engineer III

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

W: 703-746-4174

M: 703-819-5887



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From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Tuesday, June 16, 2020 8:18 AM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: Re: Lucky Run planting plan

Thanks. Also I assume you're working on the Taylor Run public outreach schedule.

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES Stormwater Management

City of Alexandria, VA

Direct: 703-746-4643

On Jun 15, 2020, at 5:08 PM, Altan Erginkoc <altan.erginkoc@alexandriava.gov> wrote:

Hi Jesse

I am working on it. As soon as I found the planting plans I will export the sheet 27 and send him as pdf file.

Thanks

Altan Erginkoc

Civil Engineer III

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)

W: 703-746-4174

M: 703-819-5887



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From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Monday, June 15, 2020 11:21 AM

To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Subject: FW: Lucky Run planting plan

Hey Altan,

Can you please follow up with this request for Bob? He wanted to double check that everything was in order.

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

703.746.4643 (direct)

571.414.8237 (mobile)

From: Bob Williams <Bob.Williams@alexandriava.gov>

Sent: Tuesday, June 9, 2020 5:37 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>

Subject: Lucky Run planting plan

Hi Jesse,

I found the plans for Lucky Run, dated May 1, 2019. I am having printing off Sheet 27, which is part of the planting plan. Is there any way you could print that off or send me that sheet separately? Thanks again.

Bob Williams, CPRP

Division Chief | Park Operations & Natural Resources

Recreation, Parks and Cultural Activities (RPCA) | City of Alexandria

2900-A Business Center Drive, Alexandria, VA 22314

Office: 703.746.4688

Mobile: 571.289.9429

Email: Bob.Williams@alexandriava.gov



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alexandriava.gov/Census2020

From: [Jesse Maines](#)
To: [Yon Lambert](#)
Cc: [William Skrabak](#); [Brian Rahal](#)
Subject: FW: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Thursday, June 18, 2020 5:57:53 PM

See below.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, June 16, 2020 12:27 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Alexandria Taylor Run Stream Restoration Update - Virtual

Jesse,

For the Taylor Run outreach for the final public meeting before going to procurement for construction, we are going to try the virtual meeting. The following is our projected schedule:

Draft Presentation delivered for approval 06/22/2020.

On approval, engage ITS for Virtual Meeting details.

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Virtual Meeting takes place Thursday, July 23rd, 2020 @ 7PM – 8:30PM

Virtual meeting is envisioned to be similar to the Director's updates to TES staff, where people can join the meeting but be limited in interaction to text questions, only. Staff goes through a presentation and answers questions at the end.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Tuesday, June 16, 2020 8:44 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Thanks, Jesse.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, June 12, 2020 11:00 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

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Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 2:29 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
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Thanks. I am looking for a proposed schedule and approach. That's something I think you and your team would come up with (yes, after consulting Sarah but not dependent on her). When do you expect to be able to share with me what is under consideration?

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Yon

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Division Chief
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571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

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Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 19, 2020 8:30 AM

To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Good morning Andrekia,

Please go ahead and schedule the meeting. Bill will be out of town with wifi that can be spotty, but asked us to go ahead and set up the meeting.

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Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
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571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, May 18, 2020 6:17 PM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: Re: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Andrekia

Yes I am available. Have to you heard from Bill?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On May 18, 2020, at 5:50 PM, Andrekia Rogers <andrekia.rogers@alexandriava.gov> wrote:

Hi Jesse!

Emily has requested that the Alexandria Taylor Run meeting be rescheduled. I

have found availability on Emily & Mark's calendar for May 26 from 12:00-1:00.

Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
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andrekia.rogers@alexandriava.gov



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From: [Jesse Maines](#)
To: [Yon Lambert](#)
Cc: [William Skrabak](#); [Brian Rahal](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Thursday, June 18, 2020 11:24:16 PM

Hey Yon,

I'm out most of next week but will look to see if we can set up some time to connect.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Thursday, June 18, 2020 6:35 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: William Skrabak <William.Skrabak@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Thanks, very helpful. Can we set up some time (15-20 mins probably fine) to catch up next week and discuss?

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, June 18, 2020 5:58 PM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>
Cc: William Skrabak <William.Skrabak@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: FW: Alexandria Taylor Run Stream Restoration Update - Virtual

See below.

Thanks,

Jesse Maines, MPA, PMP

Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

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Sent: Tuesday, June 16, 2020 12:27 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Alexandria Taylor Run Stream Restoration Update - Virtual

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Update Stormwater project website for Virtual meeting details by July 9, 2020.
eNews announcement published July 9, 2020.
Virtual Meeting takes place Thursday, July 23rd, 2020 @ 7PM – 8:30PM

Virtual meeting is envisioned to be similar to the Director's updates to TES staff, where people can join the meeting but be limited in interaction to text questions, only. Staff goes through a presentation and answers questions at the end.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Tuesday, June 16, 2020 8:44 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Thanks, Jesse.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, June 12, 2020 11:00 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

Will get you something early next week at the latest. Sorry for the delay.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 2:29 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

Thanks. I am looking for a proposed schedule and approach. That's something I think you and your team would come up with (yes, after consulting Sarah but not dependent on her). When do you expect to be able to share with me what is under consideration?

Thanks,
Yon

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, June 8, 2020 11:55 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

We've been working with Sarah on the process and she laid it out for us. We have a good amount of content that we need to formulate together. Concurrently, we will work through Sarah with OCPI on

the outreach.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

Given our conversation with Mark and Emily, could you provide an update on next steps for outreach on Taylor Run? I specifically would like to see a plan for virtual project updates this summer. As an FYI, please take a look at how DPI is providing [virtual presentations](#) on the Potomac Yard Metro station for PYMIG.

Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 19, 2020 8:30 AM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Good morning Andrekia,

Please go ahead and schedule the meeting. Bill will be out of town with wifi that can be spotty, but asked us to go ahead and set up the meeting.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, May 18, 2020 6:17 PM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: Re: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Andrekia

Yes I am available. Have to you heard from Bill?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On May 18, 2020, at 5:50 PM, Andrekia Rogers <andrekia.rogers@alexandriava.gov> wrote:

Hi Jesse!

Emily has requested that the Alexandria Taylor Run meeting be rescheduled. I have found availability on Emily & Mark's calendar for May 26 from 12:00-1:00.

Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
301 King Street, Suite 3500, Alexandria, VA
Main: (703)746-4300|Direct: (703)746-3721
andrekia.rogers@alexandriava.gov



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From: [Rod Simmons](#)
To: [Bob Williams](#)
Cc: [Mary Farrah](#)
Subject: Concerns for not substantially upholding the resource protection duties of Natural Resources Division
Date: Monday, June 22, 2020 1:27:35 PM

Hi Bob,

I am writing this out of great concern for the imminent destruction of the nearly 10-acre forested section of Chinquapin Park and that the City has failed to recognize that protecting the myriad of irreplaceable natural features at the park far outweighs the need for the proposed stream construction project.

I am also very much concerned that Natural Resources Division is not proactively protecting these irreplaceable resources, including numerous old-age canopy trees, a globally rare Acidic Seepage Swamp, several seepage wetlands, numerous rare species, and wildlife, on behalf of RPCA, the City, and its residents. In stark contrast to proactively protecting natural resources, to date we have merely reviewed the 40% plans and planting schedules for this project in January 2020 and a proposed meadow mix for the open field outside the park.

I don't believe we have even been afforded the 65%, 90%, and possibly greater plans - even at a minimum to verify that our 40% comments were noted and included. And yet Stormwater Management hoped to have the Final Design completed in June 2020: "This project is currently in the design process. The design process is expected to be complete in summer 2020."

Performing resource protection duties is a role, among others, uniquely bestowed to Natural Resources Division to ensure the future survival and sustainability of the City's dwindling forests, natural communities, and native biodiversity, including rare species. This is a hallmark of our Natural Resource Management Plan - and especially the overarching principle of No Net Loss of natural lands on City parkland. And yet this is exactly what the City will incur by the many acre as a result of these misapplied stream construction projects implemented on City parkland. (See [Final Draft Natural Resources Management Plan](#) for a good example of the incompatibility of natural resource preservation to natural channel design stream construction projects that are inappropriately implemented in upper headwater streams of the Fall Zone.)

I don't believe that we are doing a quality, effective job in proactively tending to the business of natural resource protection, especially in critical cases like the Taylor Run project. If I were an outside observer or auditor, I would say that, in balance, we largely neglected the natural resource protection side of our duties as of late. Non-native invasive plant removal, converting turf to meadows, pollinator gardens, and tree plantings are all important aspects of Natural Resources Division's operations, but they pale in comparison to proactively advocating and negotiating for the effective preservation of Alexandria's in situ native habitats and wildlife. Who speaks for natural resource conservation in the City if not for us? Residents and others rely on Natural Resources Division to ensure, if not at least fight for, resource protection and preservation.

Part of the problem may be that Natural Resources Division has been seemingly stymied by

Stormwater Management Division and that I, the City's lone ecologist and recognized expert on such matters (no presumption intended), have been marginalized and restricted from performing the resource protection aspects of my job duties, i.e., I no longer am requested to attend public meetings as I traditionally did, I no longer participate in any planning meetings with other departments regarding City parkland as I traditionally did, and so on.

As I mentioned to you before, I also have great concern that Jesse Maines (and perhaps others) is using Natural Resources Division - but specifically you and I - as a sort of greenwashing for Stormwater Management's stream construction projects by saying numerous times at public meetings and in written communications that he is working closely with Rod Simmons and Bob Williams on these projects - even to the extent of implying that we have given the projects our blessing. I, for one, have not worked with Jesse on anything for well over a year - haven't even spoken to him. Such statements are dishonest, misleading, and self-serving.

Further, the Taylor Run Stream Restoration project page available on the T&ES Stormwater Infrastructure page greatly misinforms as to the project location and scope. None of it is "along the walking path in Forest Park" (Forest Park is south of Taylor Run and the project) and the project limits are not "**to** behind the First Baptist Church property", but **include** app. 900' of First Baptist Church property from the Chinquapin Park boundary along Taylor Run to the First Baptist Church bridge to their back parking lot. Roughly half the project is on private property.

"The Taylor Run Stream Restoration project involves approximately 1900 linear feet section of stream near the Chinquapin Recreation Center and along the walking path in Chinquapin Park and Forest Park. The project limits are from the culvert on the Chinquapin Recreation Center property downstream to behind the First Baptist Church property."

This is important because it obviously seems to shift the focus of the project away from privately owned First Baptist Church property to City-owned Forest Park and Chinquapin Park, ostensibly to downplay the publicly funded project for private property issue. By doing so, it infers that this is equally an RPCA project, which it decidedly is not. Again, none of the project is "along the walking path in Forest Park".

Lastly, I feel compelled to ask if there has been a change as to Natural Resource Division's role in the protection and preservation of the City's in situ natural resources on City parkland, as outlined in the Natural Resources Management Plan (and other City plans) - or to my job duties of same. If there has, please let me know.

I have copied Mary here because she is involved with these projects as well - and is a senior member of Natural Resources Division.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist

Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>

From: [Brian Rahal](#)
To: [Jesse Maines](#); [Melanie Mason](#); [Altan Erginkoc](#); [Jessica Lassetter](#)
Subject: FW: [EXTERNAL] RE: RE: RE: Taylor Run - 100% Submission
Date: Monday, June 22, 2020 2:58:43 PM

All,

Revisions of the Taylor Run educational signs are here:

<S:\envqlty\Stormwater\Projects\Taylor Run Stream Restoration\07 Deliverables\Educational Signs\06.22.2020>

Please look them over and send Altan your comments by COB Friday July 3rd, 2020.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

From: Staley, Nathan <NStaley@wetlands.com>

Sent: Monday, June 22, 2020 1:50 PM

To: Napier, Sarah J <sarah.j.napier@aecom.com>; Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Melanie Mason <melanie.mason@alexandriava.gov>; Conner, Dillon <DConner@wetlands.com>

Subject: RE: [EXTERNAL] RE: RE: RE: Taylor Run - 100% Submission

Sarah and Syed,

Please use the attached link to download the revised educational signage.

<https://file.ac/ksePXb9phCs/>

The signs have been simplified to better connect with a younger audience, with additional adjustments to font sizes, etc. based on City comments. There is one comment we weren't sure if we have adequately addressed... Sign 4 has a map of the watershed. A comment was made suggesting that the watershed map should be more illustrative. Please take a look and pass along any additional feedback on what specifically is suggested to improve that particular element.

Thanks,
Nathan

Nathan A. Staley, PE, CFM, PWS, LEED® AP

Senior Associate Engineer

[Wetland Studies and Solutions, Inc.](#)

Office: 540.795.6180 | Direct: 703-679-5718 | Cell: 571.283.9208

From: Napier, Sarah J <sarah.j.napier@aecom.com>

Sent: Thursday, June 18, 2020 11:22 AM

To: Syed Imran <Syed.Imran@alexandriava.gov>

Cc: Bob Williams <Bob.Williams@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>

Subject: FW: [EXTERNAL] RE: RE: RE: Taylor Run - 100% Submission

Importance: High

Syed et al.,

Please see the below download link (highlighted in Alex's email) to the following 100% Submission documents:

- Taylor Run 100% Cost Estimate.pdf
- Taylor Run 100% Specifications.pdf
- Taylor Run Final Planset.pdf
- Taylor Run_ 90% Comment Response.pdf
- Taylor Run_Cost Estimate Comment Response.pdf

Please let Nathan, Alex, or me know if you have any questions or have any updates regarding public outreach for the project.

Thanks,

Sarah

Sarah J. Napier, PE

D +1-301-944-2412 C +1-301-502-2657

sarah.j.napier@aecom.com

From: Chapla, Alex <AChapla@wetlands.com>

Sent: Thursday, June 18, 2020 10:55 AM

To: Napier, Sarah J <sarah.j.napier@aecom.com>

Cc: Staley, Nathan <NStaley@wetlands.com>

Subject: [EXTERNAL] RE: RE: RE: Taylor Run - 100% Submission

Sarah,

Here is a link with an updated PDF containing the changes you requested.

<https://file.ac/2Qd6EogdWKM/>

Thank you!

Alex Chapla, Project Engineer
[Wetland Studies and Solutions, Inc.](mailto:Alex.Chapla@wetlands.com)
703.679.5757

From: Syed Imran <Syed.Imran@alexandriava.gov>
Sent: Monday, June 15, 2020 10:24 AM
To: Napier, Sarah J <sarah.j.napier@aecom.com>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Staley, Nathan <NStaley@wetlands.com>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: RE: [EXTERNAL]Taylor Run - 100% Submission

Good morning and current date is fine.

From: Napier, Sarah J <sarah.j.napier@aecom.com>
Sent: Friday, June 12, 2020 5:42 PM
To: Syed Imran <Syed.Imran@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Bob Williams <Bob.Williams@alexandriava.gov>; Staley, Nathan <nstaley@wetlands.com>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Chapla, Alex <AChapla@wetlands.com>
Subject: [EXTERNAL]Taylor Run - 100% Submission

Syed,

WSSI has incorporated all comments regarding the 90% design and the NWP into the plans. What date would you like us to use for the 100% submission?

Please let me know if you have any questions.

Thank you,
Sarah

Sarah J. Napier, PE
Project Manager, Civil Engineering, Design and Consulting Services Group (DCS)
D +1-301-944-2412 C +1-301-502-2657
sarah.j.napier@aecom.com

AECOM
12420 Milestone Center Dr., Suite 150, Germantown, MD 20876
T +1-301-255-2934 F +1-937-998-1115
www.aecom.com

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From: [Brian Rahal](#)
To: [Adrienne Fine](#)
Cc: [Altan Erginkoc](#); [Jesse Maines](#)
Subject: [REDACTED]
Date: Wednesday, June 24, 2020 9:22:28 AM
Attachments: [REDACTED]

Adrienne,

Thank you! We'll start sending things over.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

From: Adrienne Fine <adrienne.fine@alexandriava.gov>
Sent: Wednesday, June 24, 2020 6:14 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: [REDACTED]

Brian,

[REDACTED]

[REDACTED]

[REDACTED]

I look forward to working with you as well. Feel free to contact me with questions or concerns.

Thanks,
Adrienne

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, June 23, 2020 4:10 PM
To: Adrienne Fine <adrienne.fine@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: [REDACTED]

Hi Adrienne,

[REDACTED]

[REDACTED]

Welcome back and I look forward to working with you on our projects.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rah@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, June 18, 2020 12:31 PM
To: Christina Brown <Christina.Brown@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>;
Adrienne Fine <adrienne.fine@alexandriava.gov>
Subject: [REDACTED]

Ok, gotcha. Thanks!

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Christina Brown <Christina.Brown@alexandriava.gov>
Sent: Thursday, June 18, 2020 11:41 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>;
Adrienne Fine <adrienne.fine@alexandriava.gov>
Subject: [REDACTED]

Adrienne Fine has returned from leave and is now your full time attorney. So she will be who you work with going forward on these and other matters.

—
Christina Zechman Brown

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Thursday, June 18, 2020 10:49 AM
To: Christina Brown <Christina.Brown@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: [REDACTED]

Good morning Christina,

[REDACTED]

[REDACTED]

[REDACTED]

- [REDACTED]

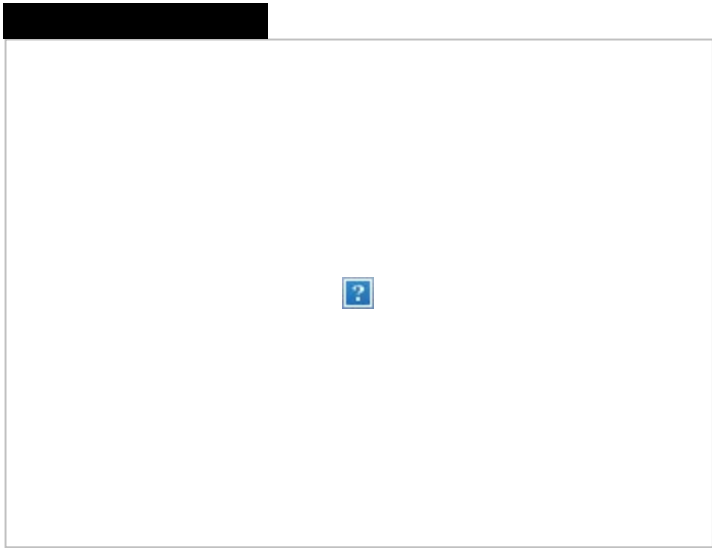
[REDACTED]

[Redacted]

- [Redacted]
- [Redacted]

[Redacted]

- [Redacted]
 - [Redacted]
 - [Redacted]
 - [Redacted]
- [Redacted]



Thanks,

Jesse E. Maines, MPA, PMP
Division Chief
Stormwater Management
Transportation & Environmental Services
City of Alexandria, VA
Office Phone (direct): 703.746.4643
Cell Phone (mobile): 571.414.8237
www.alexandriava.gov/Stormwater



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From: [Brian Rahal](#)
To: [Matthew Landes](#); [Jesse Maines](#)
Subject: RE: FW: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration
Date: Friday, June 26, 2020 4:33:08 PM

Matt,

Bill and I are formulating a response to the questions. We'll have to talk about an interview and who is on the call, next week. Our preference is to not have an interview, mainly due to the types of questions being asked, Bill and I agree, are clearly talking points from the NIMBY opposition.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Matthew Landes <Matthew.Landes@alexandriava.gov>
Sent: Friday, June 26, 2020 3:49 PM
To: Lydia Durand <lydia.durand@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Terry Suehr <terry.suehr@alexandriava.gov>
Cc: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Subject: RE: FW: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration

Brian –

I believe Jesse is on vacation – do you have a preference on how we proceed? This is a very sensitive issue in our region and community right now and my general preference would be to have Jesse involved with this as I know he has been engaged in the discourse and prior responses to the types of inquiries the reporter is making; however, I am not certain of what timeline might work for him however.

Please let me know if you have any thoughts or direction (or if this rises to the level of needing to bother Jesse by cell on his vacation). We would appreciate your guidance.

Thanks!

Matthew Landes, PLA, ISA
Acting Division Chief / Landscape Architect
City of Alexandria, Virginia

Department of Project Implementation
703.746.4122 (Direct)
571.289.5634 (Mobile)
alexandriava.gov

From: Lydia Durand <lydia.durand@alexandriava.gov>
Sent: Friday, June 26, 2020 3:25 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>;
Matthew Landes <Matthew.Landes@alexandriava.gov>; Syed Imran
<Syed.Imran@alexandriava.gov>; Terry Suehr <terry.suehr@alexandriava.gov>
Cc: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Subject: RE: FW: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration
Importance: High

Hi all –

I need to send a response to the reporter regarding next steps by COB. Please let me know who will serve as lead so I can set up the interview.

Thanks,
Lydia

Lydia Durand
Management Analyst III
Department of Project Implementation
City of Alexandria, Virginia

Direct: 703.746.4622
Cell: 703.215.5721

From: Lydia Durand
Sent: Friday, June 26, 2020 10:54 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; 'Jesse Maines' <Jesse.Maines@alexandriava.gov>;
Matthew Landes (Matthew.Landes@alexandriava.gov) <Matthew.Landes@alexandriava.gov>; Syed
Imran <Syed.Imran@alexandriava.gov>; Terry Suehr (terry.suehr@alexandriava.gov)
<terry.suehr@alexandriava.gov>
Cc: Sarah Godfrey (sarah.godfrey@alexandriava.gov) <sarah.godfrey@alexandriava.gov>
Subject: FW: FW: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration

Please see Tim's response below. He's looking for an interview by COB Wednesday. How would you like to proceed?

Thanks,
Lydia

Lydia Durand
Management Analyst III
Department of Project Implementation

City of Alexandria, Virginia

Direct: 703.746.4622

Cell: 703.215.5721

From: Tim Wheeler <twheeler@bayjournal.com>

Sent: Friday, June 26, 2020 10:36 AM

To: Lydia Durand <lydia.durand@alexandriava.gov>

Subject: Re: FW: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration

Hi, Lydia -

Thanks for getting back to me. My story is looking at tradeoffs involved in doing stream restorations in highly developed urban and suburban areas. Recent research indicates that some projects haven't achieve the projected results, particularly in cases where mature woods were opened up to stabilize stream banks.

An interview would be most helpful to discuss that issue, and to go over the following information which I seek:

I'm interested in knowing the following:

- how many pounds of nitrogen, phosphorus and sediment are estimated to be generated now by this stretch of stream - minus whatever's coming out of the outfall at Chinquapin Rec Center, of course
- what evidence exists of ongoing erosion - historical photographs or measurements of changes over time in channel depth or width;
- the acreage to be disturbed and the number of trees to be removed; what replantings are planned;
- what ecological assessments have been made of the project area and the land bordering it - I noticed what appeared to be a fairly sizable wetland along the path through the park, for instance.
- what percentage of the project is on property owned by the First Baptist Church, and what if any agreement the city has with the church;

My story deadline is the end of next week, but I need this information by COB Wednesday to ensure that it gets appropriate treatment in the story.

Tim Wheeler

Bay Journal

www.bayjournal.com

410-409-3469

twheeler@bayjournal.com

@TBWheeler

On Fri, Jun 26, 2020 at 10:04 AM Lydia Durand <lydia.durand@alexandriava.gov> wrote:

Hi Tim,
Craig forwarded your email. I'm happy to help connect you with the best member of the Taylor Run project team. Please let me know what information you would like about the project, the format in which you would like it (written responses to questions, live or phone interview, etc.), your deadline, and any other questions you may have.
Thanks,
Lydia Durand

Lydia Durand
Management Analyst III
Department of Project Implementation
City of Alexandria, Virginia
301 King Street, Suite 3200
Alexandria, VA 22314

Direct: 703.746.4622
Cell: 703.215.5721

lydia.durand@alexandriava.gov
alexandriava.gov

From: Tim Wheeler <twheeler@bayjournal.com>
Sent: Thursday, June 25, 2020 4:50 PM
To: Craig Fifer <Craig.Fifer@alexandriava.gov>
Subject: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration

Hi, Craig -

I'm working on a story for the Bay Journal about stream restoration and would like more information on the Taylor's Run project. Can you refer me to the project manager or someone who could brief me and answer questions?

Thanks,

Tim Wheeler
Bay Journal
www.bayjournal.com
410-409-3469
twheeler@bayjournal.com

@TBWheeler

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From: [Brian Rahal](#)
To: [William Skrabak](#); [Jesse Maines](#)
Subject: Taylor Run Response to Bay Journal
Date: Friday, June 26, 2020 5:33:00 PM

DRAFT Response to reporter's questions:

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- what evidence exists of ongoing erosion - historical photographs or measurements of changes over time in channel depth or width;

To assist you in understanding the process used by Virginia municipalities in determining the needs and benefits of an urban stream restoration project in general, please refer to the following, taken from the Chesapeake Bay Program's publication "Good Recipes for the Bay Pollution Diet" U-4 Urban Stream Restoration. In particular, the Resources section, copied here:

RESOURCES

The following resources are available for help with all aspects of this practice: **Type of Resource**

Expert Panel Report

Title of Resource Web link

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Archived webcast(s)

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Expert Panel Appendix A

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Expert Panel Appendix B

Appendix B: Protocol 1 Supplemental Details

http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/Appendix-B.-Protocol-1-Supplemental-Details.pdf

Expert Panel

Appendix C:

<http://chesapeakestormwater.net/wp->

Appendix C	Protocol 2 and 3 Supplemental Details	content/uploads/dlm_uploads/2015/03/Appendix-B.-Protocol-1-Supplemental-Details.pdf
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Also, from that document, are the following "Practices at a Glance"

- New techniques have been pioneered in the Chesapeake Bay watershed to restore urban streams using diverse approaches such as natural channel design, regenerative stream channel, and removal of legacy sediments.
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- the acreage to be disturbed and the number of trees to be removed; what replantings are planned;

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Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahal@alexandriava.gov

From: [Brian Rahal](#)
To: [William Skrabak](#); [Jesse Maines](#)
Subject: RE: Taylor Run Response to Bay Journal
Date: Monday, June 29, 2020 9:06:00 AM
Attachments: [TaylorRunStreamRestorationFall2019.v2.pdf](#)

All,

We also have our Fact Sheet for Taylor Run and Strawberry Run and Lucky Run. Taylor attached.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

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Sent: Friday, June 26, 2020 5:33 PM
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Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahal@alexandriava.gov

From: [Jesse Maines](#)
To: [Brian Rahal](#); [William Skrabak](#)
Subject: RE: Taylor Run Response to Bay Journal
Date: Monday, June 29, 2020 9:50:03 AM

Good job on these answers.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, June 29, 2020 9:06 AM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run Response to Bay Journal

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Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

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Mobile: 703-408-6919

brian.rahala@alexandriava.gov



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Help Your Community

alexandriava.gov/Census2020

From: [Jesse Maines](#)
To: [Brian Rahal](#); [William Skrabak](#)
Subject: RE: Taylor Run Response to Bay Journal
Date: Monday, June 29, 2020 9:59:54 AM

Sorry not around for this as I'm going to be out of pocket Tuesday – Thursday this week.

Also should mentioned that this area has been disturbed a number of times in the past based on aerials, including removal of vegetation, excavation, and realignment of the stream in the past – related to the aerials – through silvicultural practices, constructing the Chinquapin community, redevelopment of the FBCA site, and installation of sanitary sewer and existing easement. That these natural channel design techniques are vetted through the Chesapeake Bay Program's 'Expert Panel' process and successive reviews. The restoration is to provide a more stable, healthy stream and ecology.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, June 29, 2020 9:50 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Taylor Run Response to Bay Journal

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703.746.4643 (direct)
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From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, June 29, 2020 9:06 AM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
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Office: 703-746-4057

Mobile: 703-408-6919

brian.rahala@alexandriava.gov

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Sent: Friday, June 26, 2020 5:33 PM

To: William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>

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brian.rahal@alexandriava.gov



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From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run in the Weeds
Date: Monday, June 29, 2020 3:06:52 PM

What's he needing?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, June 29, 2020 2:59 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run in the Weeds

Bill,

Here is the link to the entire Stream Assessment Phase III final report: <S:\envqilty\PROJECTS\stream assessment\PHASE III\07 Deliverables\H. Final Report>

The document is not text – accessible. So, I've clipped the page that has the Background section with the brief history of the Stream Assessment project, resulting in the Restoration projects.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov



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alexandriava.gov/Census2020

From: [Brian Rahal](#)
To: [Jesse Maines](#)
Subject: RE: Taylor Run in the Weeds
Date: Monday, June 29, 2020 3:13:40 PM

He called me on Thursday looking to “get into the weeds” a bit more on Taylor, asking for sources of background on how we ended up here with stream restoration projects. He was aware of the Stream Assessment Phases but wanted to know more on the transition to restoration. I told him I would forward the link to the final report Phase III.

We talked a little more on Friday when I was in the office, but most of our conversation was on the reporter response. I assumed he still needed this info.

Taylor public meeting presentation is next. Then, presentation to DCC.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahal@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, June 29, 2020 3:07 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run in the Weeds

What’s he needing?

Thanks,

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Division Chief
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703.746.4643 (direct)
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alexandriava.gov/Census2020

From: [Jesse Maines](#)
To: [Brian Rahal](#)
Subject: RE: Taylor Run in the Weeds
Date: Monday, June 29, 2020 3:37:33 PM

Thanks. Makes sense.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, June 29, 2020 3:14 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Taylor Run in the Weeds

He called me on Thursday looking to “get into the weeds” a bit more on Taylor, asking for sources of background on how we ended up here with stream restoration projects. He was aware of the Stream Assessment Phases but wanted to know more on the transition to restoration. I told him I would forward the link to the final report Phase III.

We talked a little more on Friday when I was in the office, but most of our conversation was on the reporter response. I assumed he still needed this info.

Taylor public meeting presentation is next. Then, presentation to DCC.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, June 29, 2020 3:07 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Run in the Weeds

What's he needing?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, June 29, 2020 2:59 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run in the Weeds

Bill,

Here is the link to the entire Stream Assessment Phase III final report: S:\envqilty\PROJECTS\stream\assessment\PHASE III\07_Deliverables\H. Final Report

The document is not text – accessible. So, I've clipped the page that has the Background section with the brief history of the Stream Assessment project, resulting in the Restoration projects.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov



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From: [Brian Rahal](#)
To: [Sarah Godfrey](#)
Cc: [Jennifer McClory](#); [William Skrabak](#); [Jesse Maines](#)
Subject: RE: Guidance on Virtual Meetings
Date: Tuesday, June 30, 2020 11:55:35 AM

Thank you!

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Sent: Tuesday, June 30, 2020 11:54 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Jennifer McClory <jennifer.mcclory@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Guidance on Virtual Meetings

Hi Brian,

We should be following the process in that document for all virtual meetings, but it just pulls together everything we've talked about into one handy document. So, all of the info I've shared with you and Jesse—the approval path for meetings, the sample email to Emily and Joanna, and the need to put in a Help Desk request after you get the green light—are all the same.

If there's anything in particular in here that you have questions about or want to talk through, happy to chat!

Thanks!
Sarah

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Tuesday, June 30, 2020 11:38 AM
To: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Cc: Jennifer McClory <jennifer.mcclory@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: FW: Guidance on Virtual Meetings

Hi Sarah,

Just got out of SMG meeting. Are we being directed to use the attached process for all virtual public meetings, or is this process applicable to Commissions and Boards, only?

Do we need to use this process for our Taylor Run Stream Restoration Progress Update public meeting (webinar)?

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 29, 2020 12:58 PM
To: Jennifer McClory <jennifer.mcclory@alexandriava.gov>; Hillary Orr <Hillary.Orr@alexandriava.gov>
Cc: Sarah Godfrey <sarah.godfrey@alexandriava.gov>; Lalit Sharma <Lalit.Sharma@alexandriava.gov>; Jeffrey DuVal <Jeffrey.DuVal@alexandriava.gov>; Tarrence Moorer <tarrence.moorer@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: FW: Guidance on Virtual Meetings

Hi Jen, would you add to SMG an agenda item called "Virtual Meeting Guidance."
Please share the email below from Joanna and the attachment.

In our unified command meeting, I confirmed today that **this guidance** is current and that we will be looking to possibly amend this over the summer to address September meetings. (Sarah G is also going to give a quick update on what the "Future of Public Meetings" work group is looking at.

[Redacted]

[Redacted]

Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Joanna Anderson <Joanna.Anderson@alexandriava.gov>

Sent: Thursday, April 30, 2020 9:24 AM

To: Department Heads <Department.Heads@alexandriava.gov>

Cc: Mark Jinks <Mark.Jinks@alexandriava.gov>

Subject: Guidance on Virtual Meetings for May-July

To: Department Heads

Liaisons to Boards and Commissions (Gloria, please forward to the Boards and Commissions Liaisons)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

[Redacted]

- [Redacted]
- [Redacted]

Please let me or the City Manager's Office know if you have any questions.

Joanna

Joanna C. Anderson, City Attorney
301 King Street, Suite 1300
Alexandria, VA 22314
Office: 703.746.3750 Cell: 703.615.5223

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From: [Brian Rahal](#)
To: [William Skrabak](#); [Jesse Maines](#)
Subject: RE: Taylor Run Response to Bay Journal
Date: Tuesday, June 30, 2020 6:17:44 PM

Round 2. I've put this in a word doc for easier editing and version control.

The pollutant removal numbers were taken from the Appendix D. Pollutant Removal Summary Table that was submitted with the SLAF grant. The numbers are slightly different in the 100% WQIA still in review, but close.

Located here: <S:\envqly\Stormwater\PRESS CALLS\2020.06.26 Bay Journal>

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Brian Rahal
Sent: Friday, June 26, 2020 5:33 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: Taylor Run Response to Bay Journal

DRAFT Response to reporter's questions:

- how many pounds of nitrogen, phosphorus and sediment are estimated to be generated now by this stretch of stream - minus whatever's coming out of the outfall at Chinquapin Rec Center, of course

- what evidence exists of ongoing erosion - historical photographs or measurements of changes over time in channel depth or width;

To assist you in understanding the process used by Virginia municipalities in determining the needs and benefits of an urban stream restoration project in general, please refer to the following, taken from the Chesapeake Bay Program's publication "Good Recipes for the Bay Pollution Diet" U-4 Urban Stream Restoration. In particular, the Resources section, copied here:

RESOURCES

The following resources are available for

	Title of Resource	Web link
--	--------------------------	-----------------

help with all aspects of this practice: **Type of Resource**

Expert Panel Report	Recommendations of the Expert Panel to Define Removal Rates for Individual Stream Restoration Projects (2014) – Short Version	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2013/10/stream-restoration-short-version.pdf
	Recommendations of the Expert Panel to Define Removal Rates for Individual Stream Restoration Projects (2014) – Long Version	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2013/05/stream-restoration-merged.pdf
Archived webcast(s)	Urban Stream Restoration Protocols and Frequently Asked Questions Webcast (2014)	http://chesapeakestormwater.net/events/webcast-urban-stream-restoration/
Expert Panel Appendix A	Appendix A: Annotated Literature Review	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/Appendix-A.-Annotated-Literature-Review.pdf
Expert Panel Appendix B	Appendix B: Protocol 1 Supplemental Details	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/Appendix-B.-Protocol-1-Supplemental-Details.pdf
Expert Panel Appendix C	Appendix C: Protocol 2 and 3 Supplemental Details	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/Appendix-B.-Protocol-1-Supplemental-Details.pdf
Paper	Harman, W., et al. "A Function-Based Framework for Stream Assessment and Restoration Projects." (2012).	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/A_Function-Based_Framework-2.pdf
Stream Restoration Manual	Urban Subwatershed Restoration Manual Series Manual 10: Unified Stream Assessment: A User's Manual	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2014/09/Manual-10.pdf
More Tools & Resources		http://chesapeakestormwater.net/training-library/urban-restoration-techniques/stream-restoration/

Also, from that document, are the following "Practices at a Glance"

- New techniques have been pioneered in the Chesapeake Bay watershed to restore urban streams using diverse approaches such as natural channel design, regenerative stream channel, and removal of legacy sediments.

- Stream restoration improves the health of aquatic resources, and, when combined with upland restoration practices, is one of the more cost-effective practices to remove sediment and nutrients from urban watersheds.
- Credit is only given when stream restoration projects meet stringent qualifying conditions and can produce functional uplift for local streams so they provide a net environmental benefit in the watershed.
- Thus, not every stream restoration project will qualify for credit. For example, no credit can be granted for any project built to offset, compensate, or otherwise mitigate for an impact elsewhere in the watershed. The same is true for stream bank stabilization projects that are primarily designed to protect public infrastructure by bank armoring or rip rap.
- Stream restoration projects undergo extensive regulatory review and require state and federal permits.

- the acreage to be disturbed and the number of trees to be removed; what replantings are planned;

Every tree in the project area was surveyed for location, caliper, variety, and health (rated from 1 - 4, 1 being best, 4 is dead). Every effort is being made to minimize impacts to significant trees in the project area. The city's project team includes members from T&ES Stormwater Management Division and RPCA Natural Resources Division. No decision is made on tree removal without being vetted by RPCA Natural Resources staff. Many trees that will be removed are at the top of the eroded bank and are already at high risk of loss. Our replanting plan replants on average 8:1 for the trees. We are also planning to replant nearly an additional 8,000 plants and shrubs, all native plants.

- what ecological assessments have been made of the project area and the land bordering it - I noticed what appeared to be a fairly sizable wetland along the path through the park, for instance.

As stated previously, stream restoration projects undergo extensive regulatory review and require state and federal permits. The City has complied with all regulations, both state and federal, in seeking permits for this stream restoration project. Overseeing agencies outside the city's strict self-regulation include, United States Army Corps of Engineers, Virginia Department of Environmental Quality, and the Virginia Marine Resources Commission. Part of complying with environmental permitting is to delineate resources at the site. The delineated wetlands at the site are to be protected during construction and not disturbed.

- what percentage of the project is on property owned by the First Baptist Church, and what if any agreement the city has with the church;

The city is in negotiations with First Baptist Church for access and continued maintenance. Approximately 20% of the total proposed project area is on First Baptist property.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](#)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahal@alexandriava.gov



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From: [Brian Rahal](#)
To: [Lydia Durand](#); [Jesse Maines](#); [Matthew Landes](#); [Syed Imran](#); [Terry Suehr](#)
Cc: [Sarah Godfrey](#); [William Skrabak](#); [Yon Lambert](#)
Subject: RESPONSE to Bay Journal query re Taylor Run stream restoration
Date: Wednesday, July 1, 2020 3:01:32 PM
Attachments: [Response to Questions via Email - Bay Journal.pdf](#)
Importance: High

All, Please see the attached final draft of our written response to the Bay Journal reporter's questions. If you have any comments, **please send before 5PM today**, as Sarah needs to send to Mr. Wheeler later today.

I will send this out as an email to Sarah, but I put everything in a PDF and attached here for easier management and access, as it is a little lengthy.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Lydia Durand <lydia.durand@alexandriava.gov>
Sent: Friday, June 26, 2020 10:54 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Matthew Landes <Matthew.Landes@alexandriava.gov>; Syed Imran <Syed.Imran@alexandriava.gov>; Terry Suehr <terry.suehr@alexandriava.gov>
Cc: Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Subject: FW: FW: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration

Please see Tim's response below. He's looking for an interview by COB Wednesday. How would you like to proceed?

Thanks,
Lydia

Lydia Durand
Management Analyst III
Department of Project Implementation
City of Alexandria, Virginia

Direct: 703.746.4622
Cell: 703.215.5721

From: Tim Wheeler <twheeler@bayjournal.com>
Sent: Friday, June 26, 2020 10:36 AM
To: Lydia Durand <lydia.durand@alexandriava.gov>
Subject: Re: FW: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration

Hi, Lydia -

Thanks for getting back to me. My story is looking at tradeoffs involved in doing stream restorations in highly developed urban and suburban areas. Recent research indicates that some projects haven't achieve the projected results, particularly in cases where mature woods were opened up to stabilize stream banks.

An interview would be most helpful to discuss that issue, and to go over the following information which I seek:

I'm interested in knowing the following:

- how many pounds of nitrogen, phosphorus and sediment are estimated to be generated now by this stretch of stream - minus whatever's coming out of the outfall at Chinquapin Rec Center, of course
- what evidence exists of ongoing erosion - historical photographs or measurements of changes over time in channel depth or width;
- the acreage to be disturbed and the number of trees to be removed; what replantings are planned;
- what ecological assessments have been made of the project area and the land bordering it - I noticed what appeared to be a fairly sizable wetland along the path through the park, for instance.
- what percentage of the project is on property owned by the First Baptist Church, and what if any agreement the city has with the church;

My story deadline is the end of next week, but I need this information by COB Wednesday to ensure that it gets appropriate treatment in the story.

Tim Wheeler
Bay Journal
www.bayjournal.com
410-409-3469
twheeler@bayjournal.com
@TBWheeler

On Fri, Jun 26, 2020 at 10:04 AM Lydia Durand <lydia.durand@alexandriava.gov> wrote:

Hi Tim,

Craig forwarded your email. I'm happy to help connect you with the best member of the Taylor Run project team. Please let me know what information you would like about the project, the format in which you would like it (written responses to questions, live or phone interview, etc.), your deadline, and any other questions you may have.

Thanks,
Lydia Durand

Lydia Durand
Management Analyst III
Department of Project Implementation
City of Alexandria, Virginia
301 King Street, Suite 3200
Alexandria, VA 22314

Direct: 703.746.4622
Cell: 703.215.5721

lydia.durand@alexandriava.gov
alexandriava.gov

From: Tim Wheeler <twheeler@bayjournal.com>
Sent: Thursday, June 25, 2020 4:50 PM
To: Craig Fifer <Craig.Fifer@alexandriava.gov>
Subject: [EXTERNAL]Bay Journal query re Taylor's Run stream restoration

Hi, Craig -

I'm working on a story for the Bay Journal about stream restoration and would like more information on the Taylor's Run project. Can you refer me to the project manager or someone who could brief me and answer questions?

Thanks,

Tim Wheeler
Bay Journal
www.bayjournal.com
410-409-3469
twheeler@bayjournal.com
@TBWheeler

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From: [Brian Rahal](#)
To: [Sarah Godfrey](#)
Cc: [William Skrabak](#); [Jesse Maines](#)
Subject: Bay Journal questions
Date: Wednesday, July 1, 2020 5:11:43 PM
Attachments: [image002.png](#)

Sarah,
Below is the final draft of the response to Bay Journal questions.

Mr. Wheeler:

We would like to respond to your questions as succinctly and concisely as possible, to communicate the city's overall strategy and goals for implementing stream restoration projects in Alexandria's watersheds. We hope that the following written comments and answer to your questions will make clear our intention and desired outcomes for these important capital improvement projects.

First, I would like to share the section of the Council Docket, submitted to City Council in 2018 which asked Council to approve the submission of a grant application to DEQ for Stormwater Local Assistance Fund (SLAF) 50% match grant funding for Taylor Run and Strawberry Run. The City was later awarded the funding as reimbursement. Meaning, the City must spend the money for the whole project to receive the grant funding reimbursement. From the September 20, 2018 Council Docket:

These streams were initially identified for restoration by T&ES staff in collaboration with RPCA as part of the Phase III Stream Assessment: Stream Restoration and Outfall Rehabilitation Feasibility Study. This Phase III study builds on the City's Phase I work of categorizing streams and the Phase II work that included physical assessment and evaluation of the City's streams. The Phase III study was designed to develop a prioritized list of stream restoration projects and outfall stabilization projects. The Phase III study identified five potential stream restoration projects that were evaluated, assessed, and ranked using a matrix approach that considered bed and bank stability, stream health, feasibility, cost/benefit, and other co-benefits to prioritize the five projects. The Strawberry Run and Taylor Run projects ranked first and second in this scoring. If completed, these restoration projects will provide water quality benefits along approximately 2,700 total linear feet of stream, thereby enhancing the riparian habitats to increase aquatic health for fish and other organisms, protecting infrastructure along the stream, and enhancing the aesthetic enjoyment of these streams.

This request is consistent with City Council's Strategic Plan Goal #2, "Maintain and improve the quality and sustainability of Alexandria's Environment" through initiatives to "enhance the ecological integrity of waterways by maintaining and improving stormwater and sanitary infrastructure and stream system health to minimize environmental impacts." It complies with the City's Bay TMDL Action Plan, which calls for the use of urban stream restoration as a strategy to address Bay cleanup mandates. This request is also consistent with the water goals in the Eco-City Charter and Eco-City Action Plan.

- how many pounds of nitrogen, phosphorus and sediment are estimated to be generated now by this stretch of stream - minus whatever's coming out of the outfall at Chinquapin Rec Center, of course

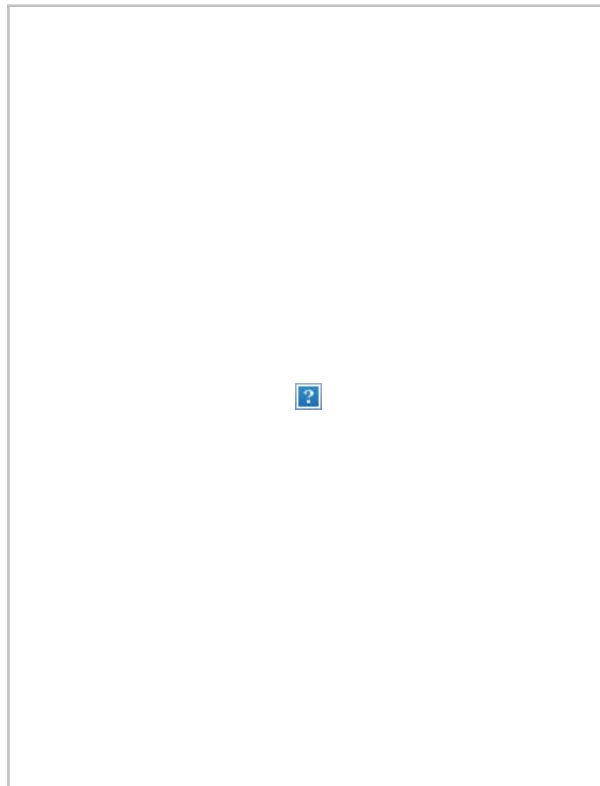
The calculation performed to determine the pollutant removal credit applied to the City's MS4 permit pollution reduction mandate is a combination of applied methodologies and practices. There are standards of care in the

Civil Engineering discipline of Natural Channel Design which are rigorously adhered to as a matter of course in determining the need for our stream restoration projects. After an exhaustive application of approved practices, the removal rates determined for Taylor Run are in the following table.

Project Site	Physiographic Province	TSS (ton/yr)	TSS (lb/yr)	TP (lb/yr)	TN (lb/yr)
Taylor Run	Coastal Plain	555	1,109,020	291	632

- what evidence exists of ongoing erosion - historical photographs or measurements of changes over time in channel depth or width;

Our consultant, along with our engineering staff, made several site visits to perform site evaluations along the entire reach of Taylor Run between the pipe outfall at the north end to the culvert under the First Baptist Church driveway. Below is one example of the recorded evaluations performed. A total of nineteen (19) similar locations were identified in Taylor Run. In aggregate, they show a very unhealthy stream. Taylor Run has been previously armored at some point in the past with tons of rip-rap on the banks, there are numerous locations along the banks of failed rip-rap armoring, severe erosion and incised steep banks, there is extensive concrete rubble throughout the stream, and trees close to the bank that have fallen into the stream catch debris and promote additional bank erosion.



The city's GIS system also has aerial photos of the area dating back to 1927. In 1949, most of the entire stream corridor was denuded to install a sanitary sewer system along the stream; which is still in service, today. There was also a storm sewer pipe connecting the new development at the top of the hill to the stream. As part of the First Baptist Church development, fill was placed to push the stream alignment approximately 90-ft to the west. At some point in the past, probably the 1960's or 1970's, it was vogue to use old broken concrete curb and gutter and sidewalk as a stream channel "stabilization" technique that still is throughout the stream. We

call it “urbanite” and it is found in almost every stream in Alexandria.

To assist you in better understanding the process used by Virginia municipalities in determining the needs and benefits of an urban stream restoration project in general, please refer to the following, taken from the Chesapeake Bay Program’s publication “Good Recipes for the Bay Pollution Diet” U-4 Urban Stream Restoration. In particular, the Resources section, copied here:

RESOURCES:

The following resources are available for help with all aspects of this practice:

Type of Resource	Title of Resource	Web link
Expert Panel Reports	Recommendations of the Expert Panel to Define Removal Rates for Individual Stream Restoration Projects (2014) – Short Version	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2013/10/stream-restoration-short-version.pdf
	Recommendations of the Expert Panel to Define Removal Rates for Individual Stream Restoration Projects (2014) – Long Version	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2013/05/stream-restoration-merged.pdf
Archived webcast(s)	Urban Stream Restoration Protocols and Frequently Asked Questions Webcast (2014)	http://chesapeakestormwater.net/events/webcast-urban-stream-restoration/
Expert Panel Appendix A	Appendix A: Annotated Literature Review	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/Appendix-A.-Annotated-Literature-Review.pdf
Expert Panel Appendix B	Appendix B: Protocol 1 Supplemental Details	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/Appendix-B.-Protocol-1-Supplemental-Details.pdf
Expert Panel Appendix C	Appendix C: Protocol 2 and 3 Supplemental Details	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/Appendix-B.-Protocol-1-Supplemental-Details.pdf
Paper	Harman, W., et al. "A Function-Based Framework for Stream Assessment and Restoration Projects." (2012).	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2015/03/A_Function-Based_Framework-2.pdf
Stream Restoration Manual	Urban Subwatershed Restoration Manual Series Manual 10: Unified Stream Assessment: A User’s Manual	http://chesapeakestormwater.net/wp-content/uploads/dlm_uploads/2014/09/Manual-10.pdf
More Tools & Resources		http://chesapeakestormwater.net/training-library/urban-restoration-techniques/stream-restoration/

Also, from that document, are the following “Practices at a Glance”

- New techniques have been pioneered in the Chesapeake Bay watershed to restore urban streams using diverse approaches such as natural channel design, regenerative stream channel, and removal of legacy sediments.
- Stream restoration improves the health of aquatic resources, and, when combined with upland restoration practices, is one of the more cost-effective practices to remove sediment and nutrients from

urban watersheds.

- Credit is only given when stream restoration projects meet stringent qualifying conditions and can produce functional uplift for local streams so they provide a net environmental benefit in the watershed.
- Thus, not every stream restoration project will qualify for credit. For example, no credit can be granted for any project built to offset, compensate, or otherwise mitigate for an impact elsewhere in the watershed. The same is true for stream bank stabilization projects that are primarily designed to protect public infrastructure by bank armoring or rip rap.
- Stream restoration projects undergo extensive regulatory review and require state and federal permits.

- the acreage to be disturbed and the number of trees to be removed; what replantings are planned;

Total disturbed area is approximately 3.92 acres. Total area disturbed in the RPA is 2.50 acres. Clearing within the RPA will be limited to just that necessary to perform the restoration as well as access to the site.

The total count for tree removal of caliper 6" and greater is 269. Every tree of 6" caliper and above in the project area was surveyed for location, caliper, variety, and health (rated from 1 - 4, 1 being best, 4 is dead). Every effort is being made to minimize impacts to significant trees in the project area. The city's project team includes members from T&ES Stormwater Management Division and RPCA Natural Resources Division. No decision is made on tree removal without being vetted by RPCA Natural Resources staff. Many trees that will be removed are at the top of the eroded bank and are already at high risk of loss. Our replanting plan replants on average 8:1 for the trees. We are also planning to replant nearly an additional 8,000 plants, shrubs and live stakes, all native plants.

- what ecological assessments have been made of the project area and the land bordering it - I noticed what appeared to be a fairly sizable wetland along the path through the park, for instance.

As stated previously, stream restoration projects undergo extensive regulatory review and require state and federal permits. The City has complied with all regulations, both state and federal, in seeking permits for this stream restoration project. Overseeing agencies outside the city's strict self-regulation include, United States Army Corps of Engineers, Virginia Department of Environmental Quality, and the Virginia Marine Resources Commission. Part of complying with environmental permitting is to delineate resources at the site. The delineated wetlands at the site are to be protected during construction and not disturbed.

- what percentage of the project is on property owned by the First Baptist Church, and what if any agreement the city has with the church;

The city is in negotiations with First Baptist Church for access and continued maintenance. Approximately 20% of the total proposed project area is on First Baptist property.

In summary, the Taylor Run Stream Restoration Project's intent is to restore and stabilize an existing urban stream and riparian area that was significantly disturbed previously and is in poor condition. This project will improve the stream's resiliency to changes in precipitation patterns brought about by climate change, protect the City's sanitary sewer infrastructure that crosses the stream, and will aid in the recovery of the Chesapeake Bay by reducing pollutants going to the Potomac and ultimately the Bay.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

[City of Alexandria, Virginia](http://www.cityofalexandria.com)

Office: 703-746-4057

Mobile: 703-408-6919

brian.rahal@alexandriava.gov



From: [Brian Rahal](#)
To: [Yon Lambert](#)
Cc: [William Skrabak](#); [Jesse Maines](#); [Sarah Godfrey](#)
Subject: RE: Final Draft - Bailey response on Taylor Run
Date: Thursday, July 2, 2020 11:32:40 AM

I also don't seem to have Mr. Bailey's email. Can someone please forward?

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Brian Rahal
Sent: Thursday, July 2, 2020 11:30 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>
Cc: William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Subject: RE: Final Draft - Bailey response on Taylor Run

Quick question: I wasn't included in the original thread and I haven't seen the original letter. Who else besides us and Mark need to be cc'd?

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
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Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Thursday, July 2, 2020 11:19 AM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>
Subject: RE: Final Draft - Bailey response on Taylor Run

Brian, nicely done! Please take a look at the attachment and see if you have any questions or if I incorrectly characterized anything. I made very few changes/suggestions, just some (I hope) non-

substantive clarifications. Please let me know if you'd like to talk.

If all is okay, feel free to accept/reject anything as needed and send to Mr. Bailey with the necessary cc's.

Thanks again,

Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Brian Rahal <Brian.Rahal@alexandriava.gov>

Sent: Thursday, July 2, 2020 10:09 AM

To: Yon Lambert <Yon.Lambert@alexandriava.gov>

Cc: William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; Sarah Godfrey <sarah.godfrey@alexandriava.gov>

Subject: Final Draft - Bailey response on Taylor Run

Yon,

Please see the final draft response to Mr. Bailey, below. I've incorporated Bill's prior comments. If you have any comments, please let me know.

Mr. Bailey,

Please accept our apologies for taking so long to respond to your letter. We also apologize for the length of this response, but it shows our level of commitment to communicating our views in detail. We appreciate your inquiry about the Taylor Run Stream Restoration capital project and your concern about funding for capital projects during this global health crisis laid out in your March 27, 2020 email message. As you may know, on April 7, 2020, the City Manager released a revised FY 2021 Operating and CIP Budget (FY 2021 Budget Version 2.0) in response to the COVID-19 public health emergency, the effects of which resulted in a sudden \$56.4M reduction in FY 2021 revenue as well as a \$35.8M shortfall in the current FY 2020. On April 29, 2020 the Alexandria City Council unanimously adopted the revised budget, which includes no increase to the real estate tax rate or the stormwater utility fee. Information can be found at www.alexandriava.gov/Budget.

While the City has made reductions to the Operating and CIP budgets, state and federal water quality mandates to clean up the Chesapeake Bay remain an obligation. The Taylor Run Stream Restoration has been identified as a strategy and the design includes the analyses of specific site data based on the vetted Chesapeake Bay Program's expert panel protocols to not only address those regulatory obligations, but to stabilize the stream and mitigate further impacts from increased stream flows due to urbanization and climate change, while minimizing disruption to vegetation and impacts to existing wetlands, to enhance the ecology of the stream and riparian area. The City understands your concerns and provides the following discussion in response.

Background

The City's Chesapeake Bay Total Maximum Daily Load (TMDL) Action Plan identifies urban stream restoration as a cost-effective strategy that protects and enhances local water quality and the environment while addressing state and federal mandates to clean up the Bay by reducing nitrogen, phosphorus, and sediment pollution from urban stormwater runoff through three successive 5-year cycles of the City's municipal separate storm sewer system (MS4) permit. The City met the requirement to reduce pollution by at least 5% at the end of the 2013 – 2018 permit. The current 2018 – 2023 permit requires the City to reduce pollution by a total 40%, with 100% achieved by the end of the 2023 – 2028 permit. Recently, the City 'retrofitted' Lake Cook and Ben Brenman Pond that included multiple benefits for the public and the environment.

Like the City's current urban stream restoration projects that are being designed, these regional pond retrofits projects received Stormwater Local Assistance Fund (SLAF) matching grant funding from the Virginia Department of Environmental Quality (VDEQ). Although, the pollution reduction mandates are an important factor in deciding to implement this and the other stream restoration projects, it is certainly not the only reason. The city has actively sought to evaluate the stream systems in Alexandria and make improvements to these urban streams where it makes sense long before our latest MS4 permit requirements.

Comment: *Given that the restoration is not necessary to meet Alexandria's current Chesapeake Bay pollution reduction obligations, deferral of the project would be a good cost reduction step in the current budget revision.*

Response: The City has yet to meet the MS4 permit requirements for pollution reduction. This stream restoration and the other projects are integral and necessary in our best strategy for meeting the permit requirements. Given that pollution reduction requirements increase significantly with each MS4 permit, the City adopted more aggressive internal targets, evidenced by the Bay Pollution Reduction Goal of 45% by FY 2021 in the City's Strategic Plan. To comply with the MS4 permit mandate, the City is currently working on three separate urban stream restoration projects – Lucky Run, Strawberry Run, and Taylor Run – that have received matching SLAF grant funding from VDEQ as one of the most cost-effective practices to reduce pollution in the Chesapeake Bay Watershed.

The Taylor Run Stream Restoration total project cost of \$4.45M has been awarded a 50/50 matching SLAF grant of \$2.225M from VDEQ, with the City match portion coming from prior allocated funds from the Stormwater Utility fee, which is a dedicated source that by Virginia Code can only be used for stormwater management.

Per the protocols approved by the Chesapeake Bay Program using site-specific data as discussed below, and discussed in the City's Chesapeake Bay Action Plan, the Taylor Run Stream Restoration project will reduce about 300 lbs. of phosphorus pollution at an overall cost of about \$14,800/lb. or about \$7,400/lb. just considering the City's cost share. By contrast, the total project cost for the Lake Cook Retrofit of about \$4.5M and Ben Brenman at \$3.8M will achieve about 160 lbs. and 150 lbs. respectively at a cost of about \$28,000/lb. and \$25,000/lb. respectively. These projects were chosen for the cost benefit with respect to water quality and the environmental benefits, as well as the quality of life benefits offered by these projects.

The City has a limited number of opportunities for these types of large-scale projects that

are very cost-effective and address state and federal mandates while delivering community benefits. Cost estimates for smaller scale stormwater best management practices (BMPs) retrofits were derived by the City during initial planning for the Bay TMDL. These estimates were based on best engineering practices, local assumptions, discussions with regional partners, literature research, and anecdotal data derived for the installation of these BMPs during redevelopment in the City. Estimates for these smaller scale BMPs is about \$55,000 to \$75,000/lb. of phosphorus. So, by comparison, deferring the Taylor Run Stream Restoration with a total project cost of \$4.45M to construct smaller scale BMPs to achieve the same reduction, the City would spend about \$16.5M to \$22.5M while Taylor Run would not be restored and continue to degrade.

Comment: *I have been concerned that the proposed stream restoration project for Taylor Run Valley may have greater environmental and “quality of life” costs than benefits.*

Response: Urban stream restoration benefits include stabilization of impacted streams, restoration of stream ecology, protection of critical infrastructure as applicable, and enhancement of aquatic and terrestrial habitat, by employing natural channel design techniques approved by the Chesapeake Bay Program of the U.S. Environmental Protection Agency (USEPA). Urban stream restoration stops the environmental degradation from development, enhances stream and terrestrial ecology, and affords enjoyment of the restored ecosystem. City staff from Transportation and Environmental Services (T&ES); Recreation, Parks, and Cultural Activities (RPCA); and the Department of Project Implementation (DPI), working with the City’s environmental consultant, sought to maximize environmental benefits of the project while minimizing impacts to the ecology. Through public outreach and successive iterations of ongoing design, the project minimizes impacts to identified matured trees and avoids impacts to the wetlands delineated with the assistance of the U.S. Army Corps of Engineers and the consultant’s wetland scientist. The pollutant removal effectiveness of the stream restoration depends on the restoration of the stream ecosystem. Without stream restoration, accelerated erosion of the bed and banks will continue and even more trees will be undermined and lost as evidenced by the great number of exposed roots and fallen trees within the stream corridor.

Comment: *According to a City fact sheet, the project would reduce phosphorus and nitrogen runoff by 30 percent and 9 percent respectively. These numbers, however, were reached not by a site-specific analysis but by the application of a generic formula. Thus, the actual pollution reduction that would be realized is not known.*

Response: Urban stream restoration benefits include stabilization of impacted streams, restoration of stream ecology, protection of critical infrastructure as applicable, and enhancement of aquatic and terrestrial habitat, by employing natural channel design techniques approved by the Chesapeake Bay Program of the U.S. Environmental Protection Agency (USEPA).

The techniques and approach of urban stream restoration to reduce pollution and enhance stream ecology are found in the Chesapeake Bay Program’s *Recommendations of the Expert Panel to Define Removal Rates for Individual Stream Restoration Projects* (Expert Panel Report) that was developed over a number of years with a diverse group of professionals on the expert panel, including environmental scientists, wetland scientists, stream restoration experts, soil scientists, and civil engineers from state agencies,

universities, local government, and the private sector. The Expert Panel Report went through a rigorous multi-year review and approval process by Bay Program groups comprised of a diverse group of professionals. These review bodies included the Urban Stormwater Work Group (USWG), the Watershed Technical Work Group (WTWG), and the Water Quality Goal Implementation Team (WQGIT). The final Expert Panel Report includes four protocols that define the pollutant reductions associated with individual stream projects predicated on extensive research and testing. The practice of urban stream restoration is being applied to over 441 miles of urban streams in the Chesapeake Bay Watershed to help states meet Watershed Implementation Plan goals to clean up the Bay.

Site-specific field investigations were conducted to determine the nitrogen, phosphorus, and sediment pollution reductions that could be achieved per the protocols in the Expert Panel Report by restoring the stream using natural channel design techniques.

Comment: *I believe that the City should postpone the project until a fuller assessment of the environmental pros and cons and alternative ways of reducing storm water runoff into the stream can be evaluated.*

Response: Perennial streams are fed by stormwater runoff from rainfall and groundwater as baseflow which allows for year-round flow. These two sources of water are key to ensure perennial streams always flow to support the ecosystem. Perennial urban streams can be negatively impacted by urban development in the streams' drainage area. Taylor Run has been heavily impacted by stormwater flows and pollution from urban development in the local watershed built prior to the current stormwater management requirements.

Other impacts of urban development include realignment of Taylor Run as evidenced by historic aerial photography, piping of the upstream portion to where it exits or 'daylights' at the end of the stormwater pipe at the Chinquapin Recreation Center in Forest Park, and the historic placement of concrete debris in the stream bed as a an old, unsuccessful practice to reduce erosive flows.

The City previously performed a Phase 1 and Phase II Stream Assessment to classify the City's streams and condition. Building on this work, the City performed the Phase III Stream Assessment: Stream Restoration and Outfall Rehabilitation Study (Phase III Stream Assessment, February 2019). This assessment was conducted by a diverse group of professionals comprised of a private consulting team experienced in urban stream restoration and City staff with T&ES, RPCA, and DPI. The Phase III Stream Assessment considered the feasibility and prioritization of five streams as candidates for restoration. Field investigations included site-specific analysis for each of the five stream reaches to determine the nitrogen, phosphorus, and sediment pollution reductions that could be achieved per the protocols in the Expert Panel Report by restoring the stream using natural channel design techniques. The City identified Taylor Run as a top candidate for urban stream restoration based on erosion, bank stability, and other factors and calculated the pollutant reductions based on these site-specific data.

Comment: *As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria's natural gems. As such, it should receive*

special attention and efforts to maintain this status. The valley is filled with many large (in some cases massive) native trees. There is also an unusual wetlands and a seepage swamp that is not only unique to Alexandria but rare elsewhere as well.

Response: We agree that this natural area is an important asset to the community. Our investment into a restoration project would not change that. In fact, the project's goals are to restore the stream to be more resilient to the built-out watershed, resilient to changes in precipitation patterns brought about by climate change, ensure the protection of the sanitary sewer infrastructure that runs along and crosses the stream, reconnect the stream to the valley's floodplain, and provide a sound foundation for natural rebound so that future generations will be able to continue to benefit from this natural area.

This would not be the first time Taylor Run was disturbed. Historical impacts of urban development include realignment of Taylor Run as evidenced by historic aerial photography, piping of the upstream portion to where it exits or 'daylights' at the end of the stormwater pipe at the Chinguapin Recreation Center in Forest Park, and the historic placement of concrete debris in the stream bed as a an old, unsuccessful practice to reduce erosive flows. The increased flow of stormwater runoff from this outfall due to urban development has greatly eroded the stream channel. This erosion has caused 'downcutting' that has lowered the stream bottom and impacted aquatic habitat and eroded the stream banks to undermine trees causing them to fall into the stream resulting in tree loss. Through the implementation of natural channel design techniques consistent with the Expert Panel Report, the project will slow the flows of stormwater to mitigate these impacts. The City has put together a diverse project team to maximize cost-effective pollution reduction and environmental benefits in the design and implementation the project. The delineated wetlands nearby are not in the limits of disturbance and will be protected during construction.

Comment: ***On the other hand, the project would require the cutting of a large number (maybe several hundred) of mature native trees and the stripping of what would be a significantly widened stream bed. As far as I am aware, the pollution reduction value of the trees that would be removed has not been calculated though it is likely to be considerable. This value could possibly be greater than the pollution reduction value of the "restoration."***

Response: The restoration is being designed to raise the stream bed that has been lowered by ongoing erosion, which will at times of high flow periodically create a connection to the adjacent wetlands and help maintain healthy inundation of these wetlands. Stabilizing the banks to mitigate erosion and tree loss will be accomplished without having to appreciably widen the stream or impact the existing walking trail. T&ES staff has continued to work closely with RPCA staff and the consultant to maximize the environmental benefits of the project. This includes refining the limits of disturbance to mitigate impacts to trees identified for saving and not impacting the wetlands, as well as replanting and establishment of native vegetation and the protection of existing low-growing vegetation. In addition to cost-effectively reducing nutrient and sediment pollution to address state and federal Bay clean up mandates, the Taylor Run Stream Restoration is being designed to deliver 'co-benefits' such as, enhancement of the aquatic and terrestrial habitat, protection of critical infrastructure, and stabilization of the ecosystem to improve the

resiliency of the stream from further impacts. Without the stabilization of the bed and banks, the stream will continue to erode and trees will continue to be undermined and die, falling into the stream which in turn creates blockages. Saved and replanted vegetation as part of the stream restoration will provide ecosystem stability and offer additional pollution removal to the overwhelming pollutant removal accomplished by restoration of the stream channel.

Comment: *This value could possibly be greater than the pollution reduction value of the "restoration." In other words, the project could be counterproductive as an environmental matter.*

As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria's natural gems. As such, it should receive special attention and efforts to maintain this status.

Response: The project limits for the Taylor Run Stream Restoration extends about 2,000 linear feet from the headwall at the Chinquapin Recreation Center downstream to the bridge culvert on the First Baptist Church property. Most of the upstream portion and smaller tributaries have been enclosed in pipes, while the downstream daylighted portion enters back into a culvert leading under Duke Street and remains piped until it meets Cameron Run. This stretch is not a 'green field' stream and has been impacted by the pressures of urban development that has resulting in clear cutting, expansive excavation from the installation of the sanitary sewer, and realignment due to redevelopment of neighboring parcels. These impacts were prior to environmental regulations that are administered by the City and protect the stream according to the Chesapeake Bay Act as incorporated into the City's zoning ordinance. The current state of the stream ecology is a witness to the resilience of nature; however, the pressures from previous development continue to degrade the stream due to increased velocities and flows of water through the stream channel. The restoration will employ natural channel design techniques to mitigate the impacts by slowing the flows to reduce erosive forces and re-establish aquatic flora and fauna, stabilizing the banks, and planting native tree species at about an 8:1 ratio of replanting to removal. The majority of trees that will be removed are in danger of undermining and falling in the stream, and the main route for construction equipment will follow the existing trail, that will be restored after the restoration. This careful work will restore the ecology and health of the stream and stabilize it so that natural functions can be restored.

Comment: *In sum, the pros and cons of the Taylor Run project need a deeper look, including a look at potentially less expensive ways of meeting pollution goals by keeping storm water out of the stream as an initial matter. Postponement of the project would allow this assessment and would at the same time help the City's efforts to reduce expenses as it amends its proposed budget in light of the likely revenue reductions caused by the current national health emergency.*

Response: Urban stream restoration is one of the most cost-effective ways to reduce the impacts of urban development and reduce nutrient and sediment pollution to our local waterways, the Potomac River, and the Chesapeake Bay. The City has performed an in-depth assessment of the City's stream through three phases of stream assessments. The Phase

III Steam Assessment gathered site-specific data of Taylor Run and employed the techniques of the Chesapeake Bay's Expert Panel Report to determine pollution reductions for the restoration. The design of the restoration is being performed by a professional consulting firm with extensive experience stream restoration design and a diverse group of City staff across departments to ensure adherence to proper design and landscape guidelines for the restoration.

The Taylor Run Stream Restoration total project cost of \$4.45M has been awarded a 50/50 matching SLAF grant of \$2.225M from VDEQ, with the City match portion coming from prior allocated funds from the Stormwater Utility fee that is a dedicated funding source that can only be used for stormwater management projects per Virginia law. There is no additional funding impact for FY 2021.

Again, thank you for your thoughtful concerns related to the Taylor Run Urban Stream Restoration project to stabilize the stream and mitigate further impacts from increased stream flows due to urbanization and changes to precipitation due to climate change, while minimizing disruption to vegetation and impacts to existing wetlands, to enhance the resiliency and ecology of the stream and riparian area. The City understands your concerns and hopes this message has provided ample information.

I am happy to continue this conversation and discuss further. If you have any other questions, please contact me directly.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead

Stormwater Management Division

Department of Transportation & Environmental Services

City of Alexandria, Virginia

Office: 703-746-4057

Mobile: 703-408-6919

brian.raham@alexandriava.gov



From: [Brian Rahal](#)
To: rrussell.bailey@gmail.com
Cc: [City Council](#); [City Manager Mark Jinks](#); [Emily Baker](#); [Bob Williams](#); [Jesse Maines](#); [William Skrabak](#); [Yon Lambert](#); [Sarah Godfrey](#)
Subject: Taylor Run Stream Restoration
Date: Thursday, July 2, 2020 12:02:15 PM

Mr. Bailey,

Please accept our apologies for taking so long to respond to your letter. We also apologize for the length of this response, but it shows our level of commitment to communicating our views in detail. We appreciate your inquiry about the Taylor Run Stream Restoration capital project and your concern about funding for capital projects during this global health crisis laid out in your March 27, 2020 email message. As you may know, on April 7, 2020, the City Manager released a revised FY 2021 Operating and CIP Budget (FY 2021 Budget Version 2.0) in response to the COVID-19 public health emergency, the effects of which resulted in a sudden \$56.4M reduction in FY 2021 revenue as well as a \$35.8M shortfall in the current FY 2020. On April 29, 2020 the Alexandria City Council unanimously adopted the revised budget, which includes no increase to the real estate tax rate or the stormwater utility fee. Information can be found at www.alexandriava.gov/Budget.

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Recently, the City 'retrofitted' Lake Cook and Ben Brenman Pond and these projects included multiple benefits for the public and the environment. Like the City's current urban stream restoration projects that are being designed, these regional pond retrofits projects received Stormwater Local Assistance Fund (SLAF) matching grant funding from the Virginia Department of Environmental Quality (VDEQ). Although pollution reduction mandates were an important factor in deciding to implement Taylor Run and the other stream restoration projects, staff believes it is not the only reason. The city has long sought to evaluate stream systems in Alexandria and make improvements to these urban streams where it makes sense – even before the latest MS4 permit

requirements.

Comment: *Given that the restoration is not necessary to meet Alexandria's current Chesapeake Bay pollution reduction obligations, deferral of the project would be a good cost reduction step in the current budget revision.*

Response: The City has yet to meet the MS4 permit requirements for pollution reduction. This stream restoration and the other projects are integral and necessary in our best strategy for meeting the permit requirements. Given that pollution reduction requirements increase significantly with each MS4 permit, the City adopted more aggressive internal targets, evidenced by the Bay Pollution Reduction Goal of 45% by FY 2021 in the City's Strategic Plan. To comply with the MS4 permit mandate, the City is currently working on three separate urban stream restoration projects – Lucky Run, Strawberry Run, and Taylor Run – that have received matching SLAF grant funding from VDEQ as one of the most cost-effective practices to reduce pollution in the Chesapeake Bay Watershed.

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The City has a limited number of opportunities for these types of large-scale projects that are very cost-effective and address state and federal mandates while delivering community benefits. Cost estimates for smaller scale stormwater best management practices (BMPs) retrofits were derived by the City during initial planning for the Bay TMDL. These estimates were based on best engineering practices, local assumptions, discussions with regional partners, literature research, and anecdotal data derived for the installation of these BMPs during redevelopment in the City. Estimates for these smaller scale BMPs is about \$55,000 to \$75,000/lb. of phosphorus. So, by comparison, deferring the Taylor Run Stream Restoration with a total project cost of \$4.45M to construct smaller scale BMPs to achieve the same

reduction, the City would spend about \$16.5M to \$22.5M while Taylor Run would not be restored and continue to degrade.

Comment: ***I have been concerned that the proposed stream restoration project for Taylor Run Valley may have greater environmental and “quality of life” costs than benefits.***

Response: Urban stream restoration benefits include stabilization of impacted streams, restoration of stream ecology, protection of critical infrastructure as applicable, and enhancement of aquatic and terrestrial habitat, by employing natural channel design techniques approved by the Chesapeake Bay Program of the U.S. Environmental Protection Agency (USEPA). Urban stream restoration stops the environmental degradation from development, enhances stream and terrestrial ecology, and affords enjoyment of the restored ecosystem. City staff from Transportation and Environmental Services (T&ES); Recreation, Parks, and Cultural Activities (RPCA); and the Department of Project Implementation (DPI), working with the City’s environmental consultant, sought to maximize environmental benefits of the project while minimizing impacts to the ecology. Through public outreach and successive iterations of ongoing design, the project minimizes impacts to identified matured trees and avoids impacts to the wetlands delineated with the assistance of the U.S. Army Corps of Engineers and the consultant’s wetland scientist. The pollutant removal effectiveness of the stream restoration depends on the restoration of the stream ecosystem. Without stream restoration, accelerated erosion of the bed and banks will continue and even more trees will be undermined and lost as evidenced by the great number of exposed roots and fallen trees within the stream corridor.

Comment: ***According to a City fact sheet, the project would reduce phosphorus and nitrogen runoff by 30 percent and 9 percent respectively. These numbers, however, were reached not by a site-specific analysis but by the application of a generic formula. Thus, the actual pollution reduction that would be realized is not known.***

Response: Urban stream restoration benefits include stabilization of impacted streams, restoration of stream ecology, protection of critical infrastructure as applicable, and enhancement of aquatic and terrestrial habitat, by employing natural channel design techniques approved by the Chesapeake Bay Program of the U.S. Environmental Protection Agency (USEPA).

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review and approval process by Bay Program groups comprised of a diverse group of professionals. These review bodies included the Urban Stormwater Work Group (USWG), the Watershed Technical Work Group (WTWG), and the Water Quality Goal Implementation Team (WQGIT). The final Expert Panel Report includes four protocols that define the pollutant reductions associated with individual stream projects predicated on extensive research and testing. The practice of urban stream restoration is being applied to over 441 miles of urban streams in the Chesapeake Bay Watershed to help states meet Watershed Implementation Plan goals to clean up the Bay.

Site-specific field investigations were conducted to determine the nitrogen, phosphorus, and sediment pollution reductions that could be achieved per the protocols in the Expert Panel Report by restoring the stream using natural channel design techniques.

Comment: *I believe that the City should postpone the project until a fuller assessment of the environmental pros and cons and alternative ways of reducing storm water runoff into the stream can be evaluated.*

Response: Perennial streams are fed by stormwater runoff from rainfall and groundwater as baseflow which allows for year-round flow. These two sources of water are key to ensure perennial streams always flow to support the ecosystem. Perennial urban streams can be negatively impacted by urban development in the streams' drainage area. Taylor Run has been heavily impacted by stormwater flows and pollution from urban development in the local watershed built prior to the current stormwater management requirements.

Other impacts of urban development include realignment of Taylor Run (as evidenced by historic aerial photography), piping of the upstream portion to where it exits or 'daylights' at the end of the stormwater pipe at the Chinquapin Recreation Center in Forest Park, and the historic placement of concrete debris in the stream bed (as an outdated, unsuccessful practice to reduce erosive flows).

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erosion, bank stability, and other factors and calculated the pollutant reductions based on these site-specific data.

Comment: *As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria's natural gems. As such, it should receive special attention and efforts to maintain this status. The valley is filled with many large (in some cases massive) native trees. There is also an unusual wetlands and a seepage swamp that is not only unique to Alexandria but rare elsewhere as well.*

Response: We agree that this natural area is an important asset to the community worthy of special attention. In fact, the project's goals are to restore the stream to be more resilient to the built-out watershed, resilient to changes in precipitation patterns brought about by climate change, ensure the protection of the sanitary sewer infrastructure that runs along and crosses the stream, reconnect the stream to the valley's floodplain, and provide a sound foundation for natural rebound so that future generations will be able to continue to benefit from this natural area. *Specifically, the delineated wetlands nearby are not in the limits of construction disturbance and will be protected.*

It is also very important to note that this would not be the first time Taylor Run was disturbed. Historical impacts of urban development include realignment of Taylor Run as evidenced by historic aerial photography, piping of the upstream portion to where it exits or 'daylights' at the end of the stormwater pipe at the Chinguapin Recreation Center in Forest Park, and the outdated practice of placing concrete debris in the stream bed to reduce erosive flows. The increased flow of stormwater runoff from this outfall due to urban development has greatly eroded the stream channel. This erosion has caused 'downcutting' that has lowered the stream bottom and impacted aquatic habitat and eroded the stream banks to undermine trees causing them to fall into the stream resulting in tree loss. Through the implementation of natural channel design techniques consistent with the Expert Panel Report, the project will slow the flows of stormwater to mitigate these impacts. The City has put together a diverse project team to maximize cost-effective pollution reduction and environmental benefits in the design and implementation the project. *Again, for emphasis, the delineated wetlands nearby are not in the limits of disturbance and will be protected during construction.*

Comment: *On the other hand, the project would require the cutting of a large number (maybe several hundred) of mature native trees and the stripping of what would be a significantly widened stream bed. As far as I am aware, the pollution reduction value of the trees that would be removed has not been calculated though it is likely to be considerable. This value could possibly be greater than the pollution reduction value of the "restoration."*

Response: The restoration is being designed to raise the stream bed that has been lowered by

ongoing erosion, which will at times of high flow periodically create a connection to the adjacent wetlands and help maintain healthy inundation of these wetlands. Stabilizing the banks to mitigate erosion and tree loss will be accomplished without having to appreciably widen the stream or impact the existing walking trail. T&ES staff has continued to work closely with RPCA staff and the consultant to maximize the environmental benefits of the project. This includes refining the limits of disturbance to mitigate impacts to trees identified for saving and not impacting the wetlands, as well as replanting and establishment of native vegetation and the protection of existing low-growing vegetation. In addition to cost-effectively reducing nutrient and sediment pollution to address state and federal Bay clean up mandates, the Taylor Run Stream Restoration is being designed to deliver 'co-benefits' such as, enhancement of the aquatic and terrestrial habitat, protection of critical infrastructure, and stabilization of the ecosystem to improve the resiliency of the stream from further impacts. Without the stabilization of the bed and banks, the stream will continue to erode and trees will continue to be undermined and die, falling into the stream which in turn creates blockages. Saved and replanted vegetation as part of the stream restoration will provide ecosystem stability and offer additional pollution removal to the overwhelming pollutant removal accomplished by restoration of the stream channel.

Comment: ***This value could possibly be greater than the pollution reduction value of the "restoration." In other words, the project could be counterproductive as an environmental matter.***

As for the quality of life consequences of the project, it is important to recognize that the Taylor Run valley is one of Alexandria's natural gems. As such, it should receive special attention and efforts to maintain this status.

Response: The project limits for the Taylor Run Stream Restoration extends about 2,000 linear feet from the headwall at the Chinguapin Recreation Center downstream to the bridge culvert on the First Baptist Church property. Most of the upstream portion and smaller tributaries have been enclosed in pipes, while the downstream daylighted portion enters back into a culvert leading under Duke Street and remains piped until it meets Cameron Run. This stretch is not a 'green field' stream and has been impacted by the pressures of urban development such as prior clear cutting, expansive excavation from the installation of the sanitary sewer, and realignment due to redevelopment of neighboring parcels. These impacts were prior to environmental regulations that are administered by the City and now protect the stream according to the Chesapeake Bay Act as incorporated into the City's zoning ordinance. The current state of the stream ecology is a witness to the resilience of nature. However, the pressures from previous development continue to degrade the stream due to increased velocities and flows of water through the stream channel. The restoration will employ natural channel design techniques to mitigate the impacts by slowing the flows to reduce erosive forces and re-establish aquatic flora and fauna, stabilizing the banks, and planting native tree species at about and 8:1

ratio of replanting to removal. Most trees that will be removed are in danger of undermining and falling into the stream. Additionally, the main route for construction equipment will follow the existing trail, which will be restored after the restoration. This careful work will restore the ecology and health of the stream and stabilize it so that natural functions can be restored.

Comment: *In sum, the pros and cons of the Taylor Run project need a deeper look, including a look at potentially less expensive ways of meeting pollution goals by keeping storm water out of the stream as an initial matter. Postponement of the project would allow this assessment and would at the same time help the City's efforts to reduce expenses as it amends its proposed budget in light of the likely revenue reductions caused by the current national health emergency.*

Response: Urban stream restoration is one of the most cost-effective ways to reduce the impacts of urban development and reduce nutrient and sediment pollution to our local waterways, the Potomac River, and the Chesapeake Bay. The City has performed an in-depth assessment of the City's stream through three phases of stream assessments. The Phase III Stream Assessment gathered site-specific data of Taylor Run and employed the techniques of the Chesapeake Bay's Expert Panel Report to determine pollution reductions for the restoration. The design of the restoration is being performed by a professional consulting firm with extensive experience stream restoration design and a diverse group of City staff across departments to ensure adherence to proper design and landscape guidelines for the restoration.

The Taylor Run Stream Restoration total project cost of \$4.45M has been awarded a 50/50 matching SLAF grant of \$2.225M from VDEQ, with the City match portion coming from prior allocated funds from the Stormwater Utility fee that is a dedicated funding source that can only be used for stormwater management projects per Virginia law. There is no additional funding impact for FY 2021.

Again, thank you for your thoughtful concerns related to the Taylor Run Urban Stream Restoration project to stabilize the stream and mitigate further impacts from increased stream flows due to urbanization and changes to precipitation due to climate change, while minimizing disruption to vegetation and impacts to existing wetlands, to enhance the resiliency and ecology of the stream and riparian area. The City understands your concerns and hopes this message has provided ample information.

I am happy to continue this conversation and discuss further. If you have any other questions, please contact me directly.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead

Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://www.cityofalexandria.gov)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov



From: [Jesse Maines](#)
To: [William Skrabak](#); [Yon Lambert](#); [Brian Rahal](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Thursday, July 9, 2020 5:43:03 PM

Getting the first review crack and made some changes, as I couldn't get to it yesterday.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: William Skrabak <William.Skrabak@alexandriava.gov>
Sent: Thursday, July 9, 2020 5:04 PM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
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Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

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703.746.4643 (direct)
571.414.8237 (mobile)

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To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

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Thanks,

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Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Tuesday, May 19, 2020 8:30 AM

To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>

Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>

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703.746.4643 (direct)
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From: Jesse Maines

Sent: Monday, May 18, 2020 6:17 PM

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Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

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Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
301 King Street, Suite 3500, Alexandria, VA
Main: (703)746-4300|Direct: (703)746-3721
andrekia.rogers@alexandriava.gov



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2020

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From: [Jesse Maines](#)
To: [William Skrabak](#); [Yon Lambert](#); [Brian Rahal](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Friday, July 10, 2020 12:20:07 PM

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Thanks,

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Management Analyst I
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City Manager's Office
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andrekia.rogers@alexandriava.gov



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From: [Jesse Maines](#)
To: [William Skrabak](#); [Yon Lambert](#); [Brian Rahal](#)
Cc: [Altan Erginkoc](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Friday, July 10, 2020 12:49:35 PM

Sent a Teams invite for 1pm

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: William Skrabak <William.Skrabak@alexandriava.gov>
Sent: Friday, July 10, 2020 12:22 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Jesse can you me and brian have a short conference call at 1 pm today to discuss briefly/

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, July 10, 2020 12:20 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
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Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

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Thanks. I am looking for a proposed schedule and approach. That's something I think you and your team would come up with (yes, after consulting Sarah but not dependent on her). When do you expect to be able to share with me what is under consideration?

Thanks,
Yon

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, June 8, 2020 11:55 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

We've been working with Sarah on the process and she laid it out for us. We have a good amount of content that we need to formulate together. Concurrently, we will work through Sarah with OCPI on the outreach.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management

703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

Given our conversation with Mark and Emily, could you provide an update on next steps for outreach on Taylor Run? I specifically would like to see a plan for virtual project updates this summer. As an FYI, please take a look at how DPI is providing [virtual presentations](#) on the Potomac Yard Metro station for PYMIG.

Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 19, 2020 8:30 AM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Good morning Andrekia,

Please go ahead and schedule the meeting. Bill will be out of town with wife that can be spotty, but asked us to go ahead and set up the meeting.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, May 18, 2020 6:17 PM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: Re: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Andrekia

Yes I am available. Have you heard from Bill?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On May 18, 2020, at 5:50 PM, Andrekia Rogers <andrekia.rogers@alexandriava.gov> wrote:

Hi Jesse!

Emily has requested that the Alexandria Taylor Run meeting be rescheduled. I have found availability on Emily & Mark's calendar for May 26 from 12:00-1:00.
Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
301 King Street, Suite 3500, Alexandria, VA
Main: (703)746-4300|Direct: (703)746-3721
andrekia.rogers@alexandriava.gov



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alexandriava.gov/Census2020

From: [Brian Rahal](#)
To: [Altan Erginkoc](#); [Jesse Maines](#)
Subject: RE: Taylor Photos
Date: Friday, July 10, 2020 3:43:35 PM

Thanks, Altan. These are all good points.

Thank you,

Brian Rahal, P.E., CFM

Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahala@alexandriava.gov

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Friday, July 10, 2020 3:38 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Photos

Jesse,

I listed some of the recommendation .

Overview or Agenda (Probably we can divided to six sections)

- Site History (Briefly talk about the Existing site condition and project initial)
- Project Goals (Briefly talk about co-benefits of the proposed project)
- Project Design (Briefly talk about the design concept and Stream Construction Examples)
- Construction Expectations and Challenges (Briefly talk about the construction impact *)
- Proposed Schedule (Briefly talk about the Construction Sequence such as Pre and Post const efforts)
- Questions & Answers

*Construction Impact

- Stream construction Impact (We can highlighted on the plan)
- Trees cleared and replanted (We can highlighted on the plan)
- Construction entrance and Material staging (We can highlighted on the plan)
- No road closures during construction
- Construction signs will be in placed at the nearby road and sidewalk
- Noise due to the construction vehicles and heavy equipment's

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, July 10, 2020 11:12 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Photos

Thanks Altan. Been full speed since 6am, so just kept plowing. I'll see if the snips are too grainy then I'll replace.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Sent: Friday, July 10, 2020 11:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: RE: Taylor Photos

Good Morning Jesse
I just saved it to same folder.
Thanks

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, July 10, 2020 10:58 AM
To: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>
Subject: Taylor Photos

Hey Altan,

Do you have a word doc of the photos in the pdf here, and can you send it to me so I can include some in the Virtual ppt: <\\alexgov.net\Tes01\DeptFiles\Tes\envqlty\Stormwater\Projects\Taylor Run Stream Restoration\06 Project Work>

Thanks,

Jesse E. Maines, MPA, PMP

Division Chief

Stormwater Management

Transportation & Environmental Services

City of Alexandria, VA

Office Phone (direct): 703.746.4643

Cell Phone (mobile): 571.414.8237

www.alexandriava.gov/Stormwater



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alexandriava.gov/Census2020

From: [Jesse Maines](#)
To: [Brian Rahal](#); [Yon Lambert](#)
Cc: [Altan Erginkoc](#); [William Skrabak](#)
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual
Date: Monday, July 13, 2020 3:51:51 PM

Also, please keep in mind the design has been in the works over a year and is 100% complete.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Monday, July 13, 2020 3:23 PM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Yon,

We don't anticipate any delay to the project moving the virtual meeting to September. However, if there are specific concerns that are raised during the meeting that need to be addressed before we go to ITB in the winter (not likely, but still a risk), there could be a delay to starting construction (award) by the SLAF sunset date of June 30, 2021. After that date we could lose the \$2.255M in grant money.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](#)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahall@alexandriava.gov

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, July 13, 2020 2:19 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Brian,

This also reminds me... I know we were initially talking about doing this on July 23 but we're definitely not going to make that given the need to get multiple approvals for virtual meetings.

If we wait until early September, what is the delay to the project?

We will likely still do a virtual meeting, the question will just be who supports the virtual event – IT or T&ES staff alone.

Thanks,

Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Yon Lambert

Sent: Friday, July 10, 2020 3:24 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi, everyone. Sorry for the delayed response on this and that I wasn't able to join at 1 pm but I did talk with Bill for a few minutes a short while ago. He mentioned that you are re-working this based on your 1 pm discussion and suggested I want to send more specific comments next week.

However, I wanted to send along two main I discussed with Bill:

1. Can you make clear on the first main slide the purpose of the meeting? The presentation read to me as a primer in stormwater management and a pre-construction meeting (and it was good at doing those things!). But, at the last meeting, we told the public that we would be coming back in April/May with 60% plans. We're doing that here but we are not explaining to them WHY we are doing what we are doing or WHAT input we are willing to take from them. *This is exactly the same trap we fell into in the January meeting where the purpose of the meeting was unclear.* (See my comments below. I put all my notes and the questions from the previous meeting again below.) One comment back in January was "it's hard to comment if we can't see the plan." So: Are we asking for people's comments on the 60% plan? If so, what are we going to do with that input? We need to be VERY specific about what input we can and will take and what we won't. For instance: We may want to tell people "If your comment is to stop, we're not going to do that. But, we are happy to entertain comments on certain design elements." We then need to be very specific about what the options might be... best case scenario would be to actually GIVE them 2-3 design options for some elements of the plan. This way, we show that they can have actual quantifiable input on the plan. We cannot go out there with a 60% plan that we're not willing to alter in some way based on public input... let's give them some specific things to choose and have a way to record and measure that feedback.
2. We need to make sure we demonstrate at this next meeting that we recorded the questions from the first meeting (we took them seriously) and that we are answering them all. We don't need to do that in the presentation. But we DO need to do it in a FAQ. We need to create a record of what people are asking us and our responses. This does two things: (1) It shows people we are listening and answering (and adjusting if needed) and (2) It helps US get on the same page with our responses. We need to simplify our answers as much as possible so they are understandable by non-technical folks and drive home the WHY we are doing what we are doing.

Also—when we go to this next meeting we need to have a clear plan for taking input, recording the meeting and answering peoples' questions.

Looking forward to discussing all this at a follow up meeting. Thanks!

January 16, 2020

Taylor Run Meeting Notes

1- Bay TMDL less important here. Context/story is helping stream isn't it? Presentation very technical. Needs to be simple and narrative.

**for ex: assume many of you have ecological and conservation at top of mind — we do too!

2- unclear purpose of meeting and process. Input on design?

3- missed an opportunity to frame and really drive home why

4- simplify and sell

5- more on benefits and high points re: concerns

6- frame main issues

7- how was info/questions recorded? How do we summarize and build a record?

8- don't allow them to use words like "reupholster" and "95 percent pristine"

9- when we talk about things like haul routes, we have to also frame impact

10- no explanation of the money

Sediment & TMDL is not the "why" here. It's: Repair to stream bank. Conservation. Protection of infrastructure.

Questions:

1- understand the need this project aims to treat symptoms not the problem. Why are we preventing Stormwater from going into the run?

2- tree loss... what will it be. (We answered "dozens" we need to be super specific and demonstrate that we're putting back more than what's there now)

3- we are engineering or Disnifying the stream

4- Rod Simmons is concerned

5- impacts to nature trail?

6- opportunities for partnership with girl scouts?

7- resident from Walleston Court.

8- Sections of Taylor Run that are worse.

9- when you design a project like this, how do we account for future conditions, climate change, etc? Do you "over build"?

10- feels like this project is about mandate. Isn't there something else we can do - buy a 1,000 acre farm someplace else - that gets us more bang for the buck

11- how do you measure current outflows of phosphorous? Is it ever physically measured or just modeled? Will you be doing physical measurements of stream?

12- what is the benefit in terms of pollution reduction?

13- if you are not doing stream monitoring afterward how do you know you are successful?

14- Doesn't Rod Simmons need to bless it? Isn't there a "go" or "no go"? He is premiere natural resource and conservationist.

15- there have been studies that say these streams do not improve water quality. Rod has shown photos of stream restorations in Alexandria that don't work. (Resident could not provide example.)

16- regenerative strategy is different and benefits can be uneven

17- when will detailed plan be available and when can we see that?

Staff response: Next meeting will be April or May "at 60%" design

Resident: "kinda hard to comment if we can't see design"

From: Jesse Maines <Jesse.Maines@alexandriava.gov>

Sent: Friday, July 10, 2020 12:50 PM

To: William Skrabak <William.Skrabak@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>

Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>

Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Sent a Teams invite for 1pm

Thanks,

Jesse Maines, MPA, PMP

Division Chief

T&ES, Stormwater Management

703.746.4643 (direct)

571.414.8237 (mobile)

From: William Skrabak <William.Skrabak@alexandriava.gov>

Sent: Friday, July 10, 2020 12:22 PM

To: Jesse Maines <Jesse.Maines@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Jesse can you me and brian have a short conference call at 1 pm today to discuss briefly/

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, July 10, 2020 12:20 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Made changes in the Share version.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Thursday, July 9, 2020 5:43 PM
To: William Skrabak <William.Skrabak@alexandriava.gov>; Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Getting the first review crack and made some changes, as I couldn't get to it yesterday.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: William Skrabak <William.Skrabak@alexandriava.gov>
Sent: Thursday, July 9, 2020 5:04 PM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

I will have some additional comments as well, maybe ready for tomorrow or Monday

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Thursday, July 9, 2020 4:52 PM
To: Brian Rahal <Brian.Rahal@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>

Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Brian,

Thanks so much for sending this. I have reviewed it and have some comments, I just want to think it through one more day before sending. Back in touch soon.

- Yon

From: Brian Rahal <Brian.Rahal@alexandriava.gov>
Sent: Wednesday, July 8, 2020 12:41 PM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Yon,
I finally have a draft Taylor Run presentation ready for review.

I've saved a copy here: https://alexandriava1-my.sharepoint.com/:f/g/personal/brian_rahalexandriava_gov/Eu3yVjbEKEdJmS7HxPmO0r8B1qreRS7Vy4YzCiMKN8FnZA?e=s5Cwit

It's too large to email.

As soon as we get the go-ahead, we'll start the process for the virtual meeting.

Thank you,

Brian Rahal, P.E., CFM
Civil Engineer IV / Section Lead
Stormwater Management Division
Department of Transportation & Environmental Services
[City of Alexandria, Virginia](http://CityofAlexandria.Virginia)
Office: 703-746-4057
Mobile: 703-408-6919
brian.rahalexandriava.gov

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Tuesday, June 16, 2020 8:44 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Thanks, Jesse.

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Friday, June 12, 2020 11:00 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Cc: Brian Rahal <Brian.Rahal@alexandriava.gov>; Altan Erginkoc <altan.erginkoc@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

Will get you something early next week at the latest. Sorry for the delay.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 2:29 PM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,
Thanks. I am looking for a proposed schedule and approach. That's something I think you and your team would come up with (yes, after consulting Sarah but not dependent on her). When do you expect to be able to share with me what is under consideration?
Thanks,
Yon

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Monday, June 8, 2020 11:55 AM
To: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Yon,

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Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Yon Lambert <Yon.Lambert@alexandriava.gov>
Sent: Monday, June 8, 2020 9:10 AM
To: Jesse Maines <Jesse.Maines@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Hi Jesse,

Given our conversation with Mark and Emily, could you provide an update on next steps for outreach on Taylor Run? I specifically would like to see a plan for virtual project updates this summer. As an FYI, please take a look at how DPI is providing [virtual presentations](#) on the Potomac Yard Metro station for PYMIG.

Thanks,
Yon

Yon Lambert | Director, Dept. of Transportation & Environmental Services
City of Alexandria | 301 King Street, Room 4100 | Alexandria Va. 22314
t. 703.746.4025 | m. 571.220.0842

From: Jesse Maines <Jesse.Maines@alexandriava.gov>
Sent: Tuesday, May 19, 2020 8:30 AM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: RE: Alexandria Taylor Run Stream Restoration Update - Virtual

Good morning Andrekia,

Please go ahead and schedule the meeting. Bill will be out of town with wifi that can be spotty, but asked us to go ahead and set up the meeting.

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES, Stormwater Management
703.746.4643 (direct)
571.414.8237 (mobile)

From: Jesse Maines
Sent: Monday, May 18, 2020 6:17 PM
To: Andrekia Rogers <andrekia.rogers@alexandriava.gov>
Cc: Yon Lambert <Yon.Lambert@alexandriava.gov>; William Skrabak <William.Skrabak@alexandriava.gov>; Sermaine McLean <Sermaine.McLean@alexandriava.gov>
Subject: Re: Alexandria Taylor Run Stream Restoration Update - Virtual

Hey Andrekia

Yes I am available. Have to you heard from Bill?

Thanks,

Jesse Maines, MPA, PMP
Division Chief
T&ES Stormwater Management
City of Alexandria, VA
Direct: 703-746-4643

On May 18, 2020, at 5:50 PM, Andrekia Rogers <andrekia.rogers@alexandriava.gov> wrote:

Hi Jesse!

Emily has requested that the Alexandria Taylor Run meeting be rescheduled. I have found availability on Emily & Mark's calendar for May 26 from 12:00-1:00.

Does that work for you all as well?

Stay healthy & safe!

Thanks,
Andrekia

Andrekia S. Rogers

Management Analyst I
Aide to Deputy City Manager Emily Baker
City Manager's Office
301 King Street, Suite 3500, Alexandria, VA
Main: (703)746-4300|Direct: (703)746-3721
andrekia.rogers@alexandriava.gov



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alexandriava.gov/Census2020

From: [Rod Simmons](#)
To: [Bob Williams](#)
Cc: [Mary Farrah](#)
Subject: Concerns for not substantially upholding the resource protection duties of Natural Resources Division
Date: Monday, June 22, 2020 1:27:35 PM

Hi Bob,

I am writing this out of great concern for the imminent destruction of the nearly 10-acre forested section of Chinquapin Park and that the City has failed to recognize that protecting the myriad of irreplaceable natural features at the park far outweighs the need for the proposed stream construction project.

I am also very much concerned that Natural Resources Division is not proactively protecting these irreplaceable resources, including numerous old-age canopy trees, a globally rare Acidic Seepage Swamp, several seepage wetlands, numerous rare species, and wildlife, on behalf of RPCA, the City, and its residents. In stark contrast to proactively protecting natural resources, to date we have merely reviewed the 40% plans and planting schedules for this project in January 2020 and a proposed meadow mix for the open field outside the park.

I don't believe we have even been afforded the 65%, 90%, and possibly greater plans - even at a minimum to verify that our 40% comments were noted and included. And yet Stormwater Management hoped to have the Final Design completed in June 2020: "This project is currently in the design process. The design process is expected to be complete in summer 2020."

Performing resource protection duties is a role, among others, uniquely bestowed to Natural Resources Division to ensure the future survival and sustainability of the City's dwindling forests, natural communities, and native biodiversity, including rare species. This is a hallmark of our Natural Resource Management Plan - and especially the overarching principle of No Net Loss of natural lands on City parkland. And yet this is exactly what the City will incur by the many acre as a result of these misapplied stream construction projects implemented on City parkland. (See [Final Draft Natural Resources Management Plan](#) for a good example of the incompatibility of natural resource preservation to natural channel design stream construction projects that are inappropriately implemented in upper headwater streams of the Fall Zone.)

I don't believe that we are doing a quality, effective job in proactively tending to the business of natural resource protection, especially in critical cases like the Taylor Run project. If I were an outside observer or auditor, I would say that, in balance, we largely neglected the natural resource protection side of our duties as of late. Non-native invasive plant removal, converting turf to meadows, pollinator gardens, and tree plantings are all important aspects of Natural Resources Division's operations, but they pale in comparison to proactively advocating and negotiating for the effective preservation of Alexandria's in situ native habitats and wildlife. Who speaks for natural resource conservation in the City if not for us? Residents and others rely on Natural Resources Division to ensure, if not at least fight for, resource protection and preservation.

Part of the problem may be that Natural Resources Division has been seemingly stymied by

Stormwater Management Division and that I, the City's lone ecologist and recognized expert on such matters (no presumption intended), have been marginalized and restricted from performing the resource protection aspects of my job duties, i.e., I no longer am requested to attend public meetings as I traditionally did, I no longer participate in any planning meetings with other departments regarding City parkland as I traditionally did, and so on.

As I mentioned to you before, I also have great concern that Jesse Maines (and perhaps others) is using Natural Resources Division - but specifically you and I - as a sort of greenwashing for Stormwater Management's stream construction projects by saying numerous times at public meetings and in written communications that he is working closely with Rod Simmons and Bob Williams on these projects - even to the extent of implying that we have given the projects our blessing. I, for one, have not worked with Jesse on anything for well over a year - haven't even spoken to him. Such statements are dishonest, misleading, and self-serving.

Further, the Taylor Run Stream Restoration project page available on the T&ES Stormwater Infrastructure page greatly misinforms as to the project location and scope. None of it is "along the walking path in Forest Park" (Forest Park is south of Taylor Run and the project) and the project limits are not "**to** behind the First Baptist Church property", but **include** app. 900' of First Baptist Church property from the Chinquapin Park boundary along Taylor Run to the First Baptist Church bridge to their back parking lot. Roughly half the project is on private property.

"The Taylor Run Stream Restoration project involves approximately 1900 linear feet section of stream near the Chinquapin Recreation Center and along the walking path in Chinquapin Park and Forest Park. The project limits are from the culvert on the Chinquapin Recreation Center property downstream to behind the First Baptist Church property."

This is important because it obviously seems to shift the focus of the project away from privately owned First Baptist Church property to City-owned Forest Park and Chinquapin Park, ostensibly to downplay the publicly funded project for private property issue. By doing so, it infers that this is equally an RPCA project, which it decidedly is not. Again, none of the project is "along the walking path in Forest Park".

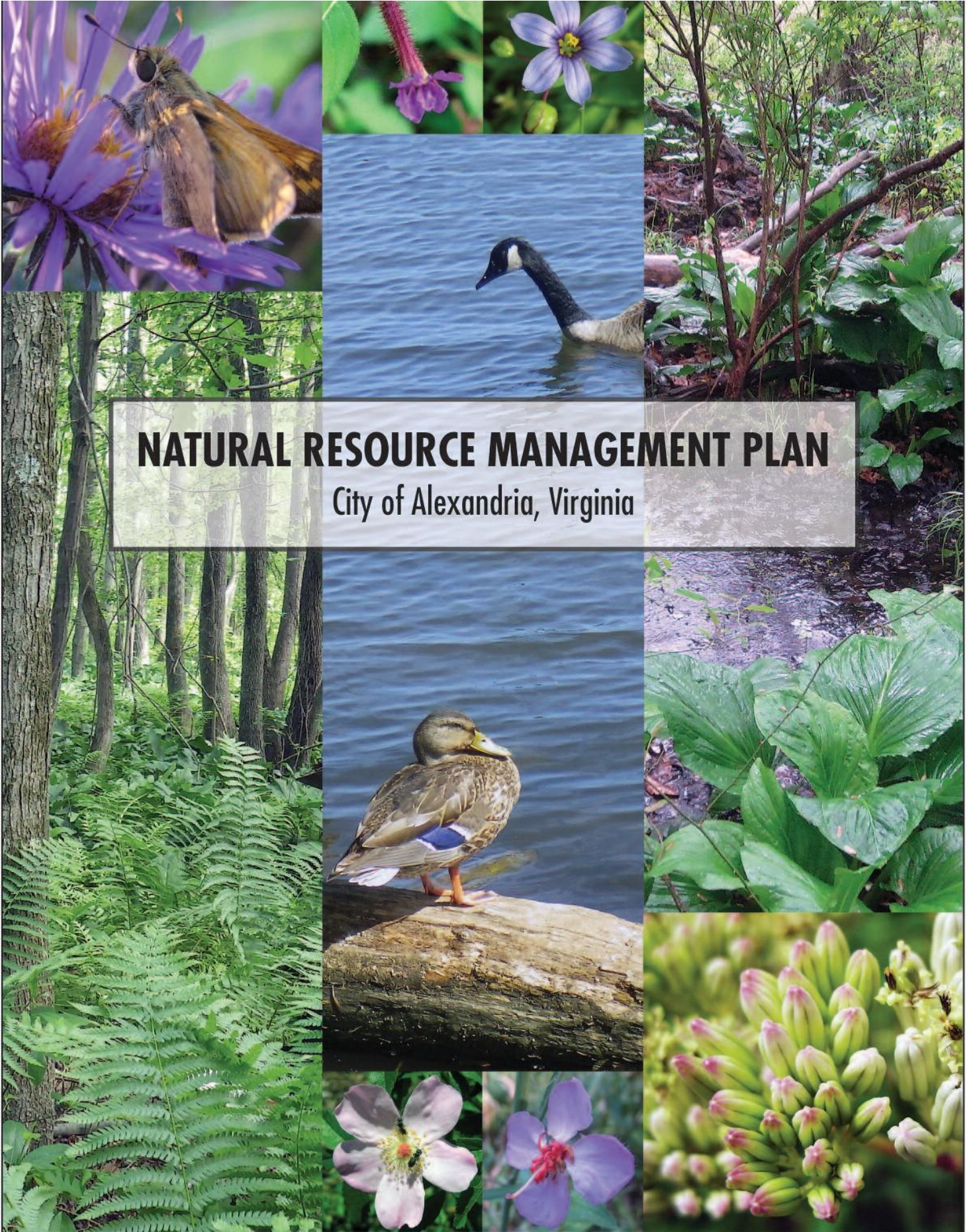
Lastly, I feel compelled to ask if there has been a change as to Natural Resource Division's role in the protection and preservation of the City's in situ natural resources on City parkland, as outlined in the Natural Resources Management Plan (and other City plans) - or to my job duties of same. If there has, please let me know.

I have copied Mary here because she is involved with these projects as well - and is a senior member of Natural Resources Division.

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist

Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>



NATURAL RESOURCE MANAGEMENT PLAN
City of Alexandria, Virginia

City of Alexandria, Virginia

Natural Resource Management Plan

January 2019

City of Alexandria
Department of Recreation, Parks, and Cultural Activities
Natural Resources Division
Alexandria, Virginia 22314



(FINAL DRAFT – January 14, 2019)

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Pink Lady's-slipper (*Cypripedium acaule*).

This plant was once common in Alexandria in upland Oak-Heath Forest and successional Virginia Pine forests. Today, only a few remaining individuals are known from very few sites in the City.

Photo by Gary P. Fleming.

Introduction

This Natural Resource Management Plan (NRMP) represents Alexandria’s first attempt to develop a strategic course of action for preserving, protecting, and sustainably managing Alexandria’s natural resources and native biodiversity. This plan aligns with other initiatives and policies adopted by the City over the years, while expanding on them by specifically addressing natural resource conservation and management.

Natural resources are irreplaceable features of the indigenous landscape that include topography (land shape), geology, soils, surface and ground water, natural communities, plants, and animals. The NRMP is based on a Citywide inventories and assessment of natural resources and habitats, initially in the areas of flora and geology. The policy goals of No Net Loss of City owned natural lands and a Do No Harm approach to natural lands management are the two overarching recommendations of the plan’s recommendations and actions.

Despite its small size, Alexandria harbors a rich diversity of habitats and wildlife. This section of Virginia, including the two neighboring counties Fairfax and Arlington, contains a broad variety of habitats and is perhaps the most floristically diverse in the state (Simmons 2007).

Native flora and plant communities are the dominant natural resources on parkland in the eastern U.S., and those that remain in Alexandria are diverse and require protection and careful stewardship. Native flora and plant communities are the foundation of biodiversity, as well as the measure of an ecosystem’s overall health and functionality. Simply put, the preservation of biodiversity and natural heritage cannot be achieved without the large-scale conservation of native plants and their natural habitats (MBHWG 2014).

This plan comes at a critical juncture in Alexandria’s history, with much of the City built out and infill development and subsequent roadway and utility expansion threatening remaining natural lands. Unlike larger counties and jurisdictions with ample opportunities for acquiring sizable parcels of natural land as a means of conservation, such is not the case in Alexandria as opportunities for conservation via land preservation are limited. Rather, careful stewardship of remaining City natural lands, including non-native invasive species control, are the most important actions we can take in helping to ensure the future sustainability and conservation of Alexandria’s natural resources.

The City of Alexandria and its Department of Recreation, Parks, and Cultural Activities (RPCA) have a strong commitment to the stewardship and sustainability of Alexandria’s natural resources. RPCA is the lead land management agency in Alexandria and oversees and manages over 1,000 acres of parkland and natural area sites.

Effective implementation of the NRMP depends on the cooperation and support of all the City’s departments, residents, and conservation partners. This plan will be updated continually as new information, priorities and goals becomes established.





Goals and Objectives

RPCA’s environmental policy is the sound management of environmental, historical, and cultural resources at each level throughout its scope and operations. In 2018, RPCA adopted the Strategic Plan: 2018-2023, which has Investing in our Natural Environment as one of the four focus areas. The plan states, “Our commitment to natural spaces provides physical, mental, and community benefits, while offering opportunities to engage with and conserve our natural resources.”

The main goal of the NRMP is to preserve Alexandria’s native landscape and natural heritage for present and future generations. Public education regarding the value of the City’s natural resources and their stewardship, as well as opportunities for participation and involvement, are also major goals of the plan.

The purpose of the NRMP is to establish a comprehensive, science-based approach to natural resource management in Alexandria through natural resource conservation and stewardship. This plan also provides recommendations and actions to achieve the resource protection and stewardship mission of RPCA and the long-term management and sustainability of the City’s natural resources.

Public opinion, as expressed through various Needs Assessment (2011, 2013, 2015, & 2017) and other surveys strongly support the conservation and stewardship of Alexandria’s natural resources. The preservation of the native landscape and small town character, as well as protecting and maintaining quality natural areas, are often at the very top of the list of needs voiced by City residents in surveys.

Regulatory Authority

In 1963, under City Code, Section 6-2-1, the authority was assigned to the Director of RPCA for “general management and supervision of all trees, shrubs, plants and vegetation” in the City, except public school sites, and, under Section 6-2-6, the authority to prepare and implement a “master tree, shrub, plant, and vegetation plan for all or any portion of the public places within the City, except public school sites”. As the City’s largest landowner and lead land management agency, with over 1,000 acres of parkland and natural area sites, the responsibility for preserving Alexandria’s biodiversity and natural heritage rests with RPCA, through collaborative efforts with other City departments, residents, and conservation partners.

In 2012, RPCA created the Natural Resources Division and Natural Lands Management Section within RPCA, to preserve Alexandria’s native landscape and rich biodiversity for present and future generations. The Natural Resources Division comprises the Natural Lands Management Section (resource inventory, management, and invasive species control), City Arborist Office (urban forestry operations), and the Jerome “Buddie” Ford Nature Center (environmental education).

The Natural Lands Management Section is responsible for, assessing, inventorying, and sustainably managing the natural resources in parks, waterways, and natural areas throughout the City, including environmental review. This is achieved through science-based conservation methodologies aligned with industry Best Management Practices.



City Characteristics

Alexandria is one of the oldest and historically significant cities in the eastern U.S. Situated almost entirely within the Coastal Plain Province between the Fall Line (Zone) and the tidal Potomac River, it was a destination point for the early explorers, beginning with Captain John Smith’s discovery of the Potomac River in 1608. The City began in 1654 with the development of 700 acres of what is now mostly Old Town and was officially established in 1749 and chartered as a city in 1852. It grew from a series of tobacco warehouses in the early 1700s to become Virginia’s primary northern shipping and trade port from the early 18th century to the mid-19th century when the railroad became important. From that time through the mid-20th century, the City was famous as a major railroad transportation center and bustling waterfront industry. By the 1940s, Alexandria began to grow greatly in population as people settled into the area during the post-World War II economic boom. Home to several of our nation’s founding fathers, the City was incorporated into Washington, D.C. in 1811 and returned to Virginia in 1847.

Alexandria was originally developed using the popular grid pattern of the 18th century (Davey Resource Group et al. 2009). For much of its history, the City’s land area was roughly that of “Old Town”, the lowland section along the river. However, after annexing large areas from Arlington and Fairfax counties in 1915 and 1930 (Alexandria Public Library, Arlington County 1967) and a large upland section from Fairfax County in 1952 (Alexandria Library), Alexandria today occupies 15.32 mi² (9,804.8 ac) and is the most densely populated city in Virginia (VirginiaPlaces.org). In 2017, its population was approximately 160,035 with a density of 10,446 persons/sq. mile (U.S. Census Bureau 2017). The City’s proximity to the nation’s capital, with its extensive public transportation system, makes it a highly desirable place to live.

Environmental Inventory and Analysis

The digitized Geologic Atlas of the City of Alexandria, Virginia and Vicinity is a valuable resource for planners and engineers within City government, as well as private industry and other researchers. A brief overview of Alexandria’s geology and natural landforms follows below.

Alexandria rises in elevation from near sea level at the Potomac River to elevations of 280 feet and higher in western areas of the City near the Fall Zone. Most of Alexandria is underlain by deep beds of sand, gravel, silt, and clay of the early Cretaceous Potomac Formation that were deposited by ancient river systems carrying material from the eroding Appalachians and Piedmont (Mixon et al. 2000, Fleming 2015). The unit as a whole was gradually deposited in an eastward-thickening wedge with sediments reaching thousands of feet deep at the continental margin. The average thickness of the unit is about 500 feet (Obermeir 1984). Locally, the unit varies irregularly in thickness from less than 20 feet to more than 100 feet near the Fall Zone and increases in depth eastward to a depth of 400 or more beneath the Old Town waterfront (Drake and Froelich 1986; Fleming 2015).

The Potomac Formation sand, gravel, silt, and clay deposits vary considerably and occur as interbedded strata or small to massive, heterogeneous lenses (Fleming 2005). Fleming (2015) divided the Potomac Formation in Alexandria into six informal members, including from highest to lowest: Shooters Hill gravel; Arell clay; Chinguapin Hollow fine sandy clay; Winkler sand; Lincolnia silty clay; and Cameron Valley sand. The Potomac Formation is the main water-bearing unit in the region (Johnston 1964).

Overlying and “capping” the Potomac Formation members are four major upland terraces, including from highest to lowest: Seminary terrace, with an average surface elevation of 265 to 275 feet; Dowden terrace, with surface elevations of 240 to 250 feet; Chinguapin Village terrace, with a surface elevation between 185 and 205 feet; and Beverley Hills terrace, with an average surface elevation of 145 to 150 feet (Fleming 2015).

The lowest and youngest gravel terraces in the City are the river terrace deposits of Pleistocene age that occur between 35 and 105 feet in elevation along the Potomac River and its major tributaries – Four Mile Run and the Eisenhower Valley complex of streams (Johnston 1964, Drake and Froelich 1986, Fleming et al. 1994, Fleming 2005). Most of Old Town is built on Pleistocene river terraces, as well as much of downtown Washington, D.C. (Johnston 1964, Obermeier 1984). The Old Town terrace is composed of sand, gravel, and silty clay, with abundant organic horizons (Fleming 2015).

Quaternary alluvium underlies modern floodplains and depositional bars close to and along streams in the City, and is as much as 20 feet thick in places (Drake and Froelich 1986). The unit is comprised of sand, silt, gravel, and clay, generally with coarser material towards the bottom. Most of the material is derived from Coastal Plain sediments resulting from streams draining the upland terraces and Potomac Formation.

Exposed crystalline rocks of the Piedmont and Fall Zone occur in westernmost Alexandria at the eastern limits of the Holmes Run Gorge at Rynex Natural Area, Dora Kelley Nature Park, and Holmes Run Scenic Easement. Bedrock outcrops consist of metamorphosed sedimentary rocks of the Indian Run Formation, Lake Barcroft Metasandstone, and Accotink Schist intruded by early Ordovician plutons of Falls Church Tonalite and Occoquan Granite (Fleming 2015).

For further information on Alexandria’s geology, peruse the Geologic Atlas of the City of Alexandria, Virginia and Vicinity on the City’s website.

Vegetation

Alexandria’s native vegetation is an irreplaceable natural resource. Almost all of the forests and wetlands one sees throughout the City today are remnants of a long ago landscape when Alexandria was largely forested and rural. Today, the majority of the remaining individual components of this landscape exist in greatly reduced numbers and in highly fragmented, isolated conditions, typical of urban settings.

Of the 2,540 vascular plants considered native to Virginia (John Townsend, pers. comm.), remarkably nearly a third occur in Alexandria.

For further information regarding Alexandria’s flora and natural communities, see Native Vascular Flora of the City of Alexandria, Virginia on the City’s website.

Species of Conservation Concern

As of this writing, the highly rare extant flora in Alexandria that are state-listed, three are ranked S1 (critically imperiled), including Glandular Cinnamon Fern (*Osmundastrum cinnamomeum* var. *glandulosum*), Crested Sedge (*Carex cristatella*), and Pear Hawthorn (*Crataegus calpodendron*); River Bulrush (*Bolboschoenus fluviatilis*) is ranked S2 (imperiled); and three are on the “watchlist” with S3

status, including Soft Fox Sedge (*Carex conjuncta*), Bearded Sprangletop (*Diplachne fusca* var. *fascicularis*), and Giant Burreed (*Sparganium eurycarpum*) (Townsend 2015).

The total number of documented, native historical species is 116 (13.84% of the known flora of Alexandria). Most Alexandria historical species are considered lost, with little likelihood of rediscovery. This is largely the result of the loss of natural habitat.

Reflecting the increasing trend of urbanization throughout the City, including the conversion of natural areas and open space from a wild condition to artificial, landscaped settings, are the 388 total species that are ranked as very rare and critically imperiled in Alexandria (A1 and A2; see Key to City Rank in the appendix). A further index of species rarity owing largely to loss of habitat are the 134 uncommon to rare, “watchlist” plants listed for Alexandria (A3; see Key to City Rank).

Combining the total numbers of historical, imperiled, and uncommon to rare flora (76.13% of the City’s total native flora), the outlook for the future sustainability and preservation of much of Alexandria’s native flora and biodiversity is impaired. A moratorium on any further net loss of natural lands on City owned parkland, waterways, and open space, and continued natural lands management and stewardship will go a long way towards halting this trend and stabilizing dwindling, fragmented populations.



Goldenrod (*Solidago* spp.).

Generally with clusters of golden yellow flowers, this member of the Aster Family usually blooms in late summer to early fall and provides a feast for bees and other pollinators. Photo taken at George Mason Park by R.D. Williams.



City Plans and Initiatives

RPCA Strategic Master Plan

Alexandria adopted its Strategic Master Plan for Open Space, Parks & Recreation in 1992, and continuously updates this as Small Area Plans (SAP) are revised. This plan comprises of 15 small area plans for neighborhoods and areas citywide. One of the stated goals of the Strategic Master Plan is to preserve and expand open space throughout the City.

Open Space Plan and Update

In 2017, the Alexandria Open Space Plan Update (OSPU) was adopted by the City, addressing recommendations pertaining to open space in the 1992 Master Plan. The OSPU established a framework for addressing Alexandria’s short- and long-term open space needs. It defines an approach that maximizes the City’s limited open space opportunities by creating a system to build upon Alexandria’s dense, urban condition. In addition, the OSPU framed the initiative for Alexandria with a list of 15 simple and direct goal statements:

- Goal 1. Protect and enrich existing parks
- Goal 2. Develop innovative opportunities for creating additional open space
- Goal 3. Complete implementation of the Potomac River Waterfront Plan
- Goal 4. Protect and expand the stream valleys and other environmentally sensitive areas
- Goal 5. Create an open space network in new development areas
- Goal 6. Protect and preserve institutional open space
- Goal 7. Maximize use of public school open space areas
- Goal 8. Preserve and protect cemeteries
- Goal 9. Create public open space from vacant land
- Goal 10. Link and expand pedestrian, bicycle, and trail system
- Goal 11. Enhance streetscapes and gateways
- Goal 12. Expand citywide street tree program and protect existing trees and woodland areas
- Goal 13. Encourage the creation of Civic Parks at and adjacent to Metro stations
- Goal 14. Beautify interchanges and highway corridors
- Goal 15. Protect privately owned open space

In the 2014 City of Alexandria Open Space Plan Update (OSPU), the City achieved, as of January 2013, the addition of 103 acres of open space – just over the 100-acre goal. With this achievement of the 100-acre goal set forth in the plan, the City has maintained the ratio of 7.3 acres per 1,000 residents. The open space ratio in the City can be maintained until 2025 without additional land acquisitions. If the City receives all of the open space promised in the small area plans, it can maintain this ratio until 2045.

A supplement to the OSPU is the Guide to Voluntary Land Conservation Options (located on the City’s website), which provides options to voluntarily conserve environmentally significant property, such as conservation easements, living trusts, and others.

Landscape Guidelines

In 2007, the City adopted the Landscape Guidelines outlining Best Management Practices (BMPs) and industry standards in landscape planning and implementation in Alexandria, including a statement of the need for recognizing and conserving “environmentally sensitive or ecologically important sites”—largely through “inventory and detailed study.” This document is being updated as of 2018, and will outline the standard landscape information required for each of the review processes and stages, and the methodology used to meet these requirements. As a result, proper implementation of the Landscape Guidelines contributes greatly toward achieving the City’s social, economic and environmental goals in close coordination with other City plans and policies (from Chapter 2A: Landscape Process Overview-Draft).

Eco-City Charter, Environmental Action Plan

Beginning in spring 2007, the City partnered with Alexandria’s Environmental Policy Commission (EPC) and Virginia Tech’s Department of Urban Affairs and Planning (UAP) to design and facilitate a new, strategic collaborative planning process, called Eco-City Alexandria, to create an Eco-City Charter and Environmental Action Plan to guide Alexandria toward environmental sustainability. Alexandria’s Environmental Policy Commission (EPC) was the project’s principal advisor along with representatives from the Alexandria City Council and City staff. The Eco-City Alexandria team completed an inventory of existing City programs and plans called GreenVentry and examined best practices from across the country and around the world to create a Compendium of Model Programs and Practices. The City adopted the Eco-City Charter in 2008 and the first Environmental Action Plan in Virginia in 2009.

The “Eco-City Alexandria” establishes policies, plans, and programs for sustaining the environment, including:

- | | |
|-----------------|-------------------------------|
| Water Resources | Air Quality |
| Climate Change | Land Use and Open Space |
| Green Buildings | Environmental Health |
| Energy | Implementation, Education and |
| Solid Waste | Outreach |
| Transportation | |

The Eco-City Environmental Action Plan 2030 (EAP) was formally adopted by City Council in June 2009, and it outlines the goals and activities that will help the City and its residents achieve the vision outlined in the Eco-City Charter. The charter, which was the first of its kind in the region, outlines the City’s guiding principles and vision for a sustainable Alexandria. The EAP Revision Phase 1 highlights short-term actions in five focus areas through 2023, and was adopted by City Council in October 2018. Phase 2 will focus on mid- to long-term actions, of the five focus areas and all time frames for the remaining topic areas and will be adopted in 2019.

Urban Forestry Master Plan

The Urban Forestry Master Plan was adopted in 2009, with increasing Alexandria’s tree canopy coverage to 40% of the City as its main goal. This is to be achieved mainly through tree plantings that expand the urban forest network. The plan also recognized controlling non-native invasive plant species as a “high priority”. This document is currently under revision to review and update tree canopy goals and establish an updated direction for the urban forest health. This document should be prepared for adoption in 2019.

Regional Natural Resource Management Group

In 2012, Natural Resources Division, together with its counterparts in Arlington and Fairfax counties, formed the Regional Natural Resource Management Group for the purpose of networking and sharing information regarding Best Management Practices in natural resource management. The group is composed of over 100 partners of natural resource management professionals at the federal, state, and local level of all the neighboring jurisdictions in the D.C. region, including interdepartmental City staff.

In 2012, the Natural Resources Division produced a list of all the non-native invasive plants considered to be a threat in Alexandria. This list is revised semi-annually and is available online as a regional conservation planning tool and educational resource.

Also, in 2012, Natural Resources Division initiated a program to raise public awareness and appreciation for Alexandria’s natural areas by installing signage to designate those areas in Alexandria that comprise notable remnants of natural heritage and floral biodiversity (“Native Plant Conservation Zone”).

Environmental and Sustainability Management System (ESMS)

As part of the Eco-City Alexandria initiative and consistent with its mission, RPCA enrolled in the Virginia Tech Environmental and Sustainability Management System Institute 2013–2014 Class and began developing an Environmental and Sustainability Management System (ESMS) to secure ISO 14001 Certification—an international standard and certification for operating a business in a way to minimize its impact on the environment and promote environmental safety.

The development and implementation of the ESMS Program is part of RPCA’s Three-Year Business Plan. To date, a written Environmental Policy has been adopted by RPCA as part of implementing the ESMS initiative. RPCA is also developing Standard Operating Procedures to implement key aspects of this initiative. Of the four Significant Aspects in RPCA’s ESMS, reducing agro-chemicals and their negative effects on natural lands and waterways is the aspect that most pertains to the NRMP.

In 2015, owing to RPCA’s development and implementation of its ESMS and environmental policy, RPCA was awarded the Exemplary Environmental Enterprise (E-3) certification by the Virginia Department of Environmental Quality. Full compliance and certification for ISO 14001 is anticipated in the next several years.

Park Planning Initiatives

The Citywide Parks Improvement Plan was formalized in 2016 to address improvements for six of the City’s largest parks. Though recreational facilities and amenities are the primary focus of the plan, management of non-native invasive species and expanding tree plantings in parks are also included as important actions.

Water Quality Regulations

Water quality within the City of Alexandria is subject to federal, state, and local laws and regulations. These include the Chesapeake Bay Preservation Act (Bay Act), the Chesapeake Bay TMDL, the Virginia Stormwater Management Program, and Alexandria’s Environmental Management Ordinance. The administration of water quality regulations is conducted by Transportation and Environmental Services.

The Bay Act was enacted by the Virginia General Assembly in 1988 as a critical element of Virginia’s non-point source management program. The Bay Act is designed to improve water quality through effective land management and land use planning. Included in the Bay Act are two types of environmentally sensitive lands: Resource Protection Areas (RPAs) and Resource Management Areas

(RMAs). RPA protections are designed to preserve perennial streams, tidal wetlands, tidal shores, and certain non-tidal wetlands as outlined in the Environmental Management Ordinance. RMA protections ensure that all lands within the City are properly used and developed to protect water quality. Additionally, the City's Environmental Management Ordinance provides safeguards for natural channel intermittent streams and non-tidal wetlands. Protections for these areas are outlined in the City's Environmental Management Ordinance, which also outlines water quality treatment requirements during site development and redevelopment.

In 2010, the Chesapeake Bay Total Maximum Daily Load (TMDL) was established by the EPA setting pollution reductions for nitrogen, phosphorous, and sediment in the six Chesapeake Bay watershed states and the District of Columbia. In response to the creation of the TMDL, the City developed the Chesapeake Bay TMDL Action Plan. The Phase 1 plan includes strategies and milestones to meet the required 5% pollutant reductions by 2018. The Phase 2 plan will include strategies and milestones to meet an additional 35% in pollutant reductions.

In the fall of 2014, RPCA partnered with the Department of Transportation and Environmental Services (T&ES), Office of Environmental Quality, to coordinate the City's response to changes in the Virginia Stormwater Management Program. These actions included assistance with the revision of the City's Environmental Management Ordinance, refining and creating new processes, and providing additional resources to meet Stormwater Management Regulations and the Municipal Separate Storm Sewer System (MS4) General Permit Regulations.

Natural Resources Division Inventories

In 2015, Natural Resources Division completed the Native Vascular Flora of the City of Alexandria, Virginia, the first verifiable, comprehensive floristic study of Alexandria's native flora and natural communities, including conservation ranks for each entity. This important planning and baseline inventory resource is a greatly improved and revised version of the previous Flora of 2009, which was essentially an annotated checklist of native flora. It is available online at the Alexandria Flora Project webpage.

In 2015 and early 2016, a major revision of the 2008 Geologic Atlas of the City of Alexandria, Virginia and Vicinity was contracted by the City. This important planning resource commissioned by RPCA is also a first of its kind milestone for the City. It is available online at the Alexandria Geology webpage.

Both the Alexandria Flora and Geologic Atlas complement the Standard and Requirement-Reference section of the Landscape Guidelines by providing a thorough, up-to-date inventory of all the City's native vegetation, geology and soils, and water resources.



Natural Resource Management

Inventory of Natural Lands of Conservation Interest

This NRMP is the first City plan to assess, delineate, and include all remaining City natural area sites as defined spatial areas of a GIS dataset (see Plate 1). In most cases, boundaries were carefully delineated to include only functioning sections of natural land and not areas occupied by buildings; athletic facilities, including artificial turf ballfields; and other hardscapes. For example, approximately 5 acres along Backlick Run of the 46.29 acres comprising Ben Brenman Park (RPCA lists the park as 59.3 acres) are included because so few natural features remain throughout the park. However, at a few sites, natural area remnants are too scattered within a mosaic of artificial features to allow readable, large-scale mapping.

It is an important reminder that while the GIS layers and online graphics provide a good overview of sites and parcel boundaries, they are in no way a substitute for the accuracy of on-the-ground surveys and site assessments by qualified professionals.

The total of all remaining natural area sites in Alexandria is 1,205.72 acres, comprising all City, state, federal, and privately owned lands (see Plate 1).

OWNERSHIP	NUMBER OF ACRES
City-Owned Natural Area Sites and Conservation Easements	529.12
Privately Owned Natural Area Sites	415.98
State Owned Natural Area Sites	19.05
Federally Owned Natural Area Sites	241.57

City-Owned Natural Area Sites and Conservation Easements

The total of all City owned natural areas and parkland, including conservation easements, is 529.12 acres (see Plate 4). These sites are actively stewarded and managed by RPCA Natural Resource Division.

Privately Owned Natural Area Sites

The total of all privately owned natural area sites in Alexandria is 415.98 acres (see Plate 2). These sites are not regularly stewarded by natural resource management staff but nonetheless include some of the largest and most important natural areas remaining in the City. Many of these sites are in some form of protective easement.

It is important to note that privately owned lands shown on Plate 2 are not identified and presented here in

the pursuance of conservation easements by City staff or others. These properties are included in the NRMP for consistency because they represent significant concentrations of native biodiversity and natural features, forest canopy, including notable and old-age trees, and water resources. All remaining natural areas in the City together are critical in maintaining forest connectivity and ecological sustainability throughout Alexandria and vicinity. Over the years, RPCA Natural Lands Management Section has worked with various landowners of these sites in an advisory capacity regarding non-native invasive plant control, Best Management Practices, resource assessments, and natural lands management.

State-Owned Natural Area Sites

The total of all state-owned natural area sites in Alexandria is 19.05 acres (see Plate 1).

Federally Owned Natural Area Sites

The total of all federally owned natural area lands in Alexandria, largely comprising U.S. National Park Service (NPS) properties at Daingerfield Island, George Washington Memorial Parkway, and Jones Point Park, is 241.57 acres (see Plate 3). NPS lands in the City total 233.97 acres. U.S. Department of Defense (DOD) natural lands in Alexandria, comprising the Alexandria National Cemetery and forested sites adjoining Institute for Defense Analyses and the Winkler Botanical Preserve, total 7.59 acres.

All of these sites are critical refugia for native biodiversity. Because of their importance, the Natural Resources Division has partnered with NPS over the last 15 years in providing assistance with non-native invasive plant control and natural resource management.

Best Management Practices for Natural Lands

Best Management Practices (BMPs) are features, methodologies, and practices that help ensure that environmental stewardship and management of natural resources are accomplished in an ecologically appropriate and environmentally sound manner. All hold central the concept of Do No Harm and to keep sites natural and cause as little disturbance as possible.

Inventory and Monitoring

Natural resource management includes vegetation surveys and natural resource inventories and assessments throughout the City's parks, natural areas, open space, wetlands, and waterways for the purposes of planning, management, and resource protection and restoration. Initial baseline inspections and inventories, as well as ongoing monitoring of natural sites, aid in developing appropriate management practices for specific natural areas on public property.

The vascular flora of the City of Alexandria was extensively surveyed from 2000 through 2015. Surveys and historical collections yielded a total of 840 native species (including infraspecific taxa and hybrids) representing 385 genera and 131 families. The City of Alexandria Herbarium (AVCH) is the repository for a baseline collection of native and exotic plant species and is an invaluable resource for conservation planning.

To further broaden our understanding of local vegetation types, quantitative compositional and environmental data were collected from ten 400 m² sample plots, one 200 m² plot, and six 100 m² plots in the City of Alexandria. Vegetation sampling data from five 400 m² plots of virtually identical forested communities from adjacent Arlington County were also gathered during this time, as well as seven 400 m² plots and one 100 m² plot from nearby lands in Fairfax County. Plots were sampled using the relevé method (*sensu* Peet et al. 1998). All natural community data were analyzed using a combination of cluster analysis, statistical analyses, and ordination by the Virginia Department of Conservation and Recreation,

Division of Natural Heritage (DCR-DNH) as part of the United States National Vegetation Classification (USNVC)- National Park Service, National Capital Region (NCR) project.

Inventorying and monitoring all of Alexandria’s natural area sites and features is an ongoing, continual process that allows us to assess the overall health and condition of natural resources, any threats to natural features, and the effectiveness of our stewardship program. Additional inventories should include mammal, avian, insect, amphibian, and other similar groups that would assist in understanding the historic and current populations.

Non-Native Invasive Species Control

Non-native invasive species have increasingly become a major threat to natural areas, parks, forests, and wetlands by displacing native species and wildlife and significantly degrading habitats. Today, they are considered perhaps the greatest threat to natural areas and global biodiversity, second only to habitat loss resulting from development and urbanization (Vitousek et al. 1996).

Human health impacts directly or indirectly associated with non-native invasive species, such as higher infestations of Lyme disease-bearing ticks in areas with high concentrations of certain invasive plants, have also sharply increased (Allan et al. 2010, MBHWG 2014).

The Virginia Department of Conservation and Recreation, Division of Natural Heritage, has identified 90 non-native invasive plants that threaten natural areas and lands in Virginia (Heffernan et al. 2014). Swearingen et al. (2010) includes 80 plants from a list of nearly 280 non-native invasive plant species documented within the mid-Atlantic region. The Maryland Department of Natural Resources, Wildlife and Heritage Service, “estimates that 40% of Maryland listed rare plant species are threatened by one or more non-native invasive plants” (MBHWG 2014). Largely overlapping with these and other regional lists are 104 species that were documented in the City of Alexandria during vegetation surveys and natural resource assessments by RPCA Natural Lands Management Section over the last two decades.

Non-native invasive species are those that are not native to a particular place or habitat, as a result of human intervention. A non-native invasive plant is here defined as one that exhibits some degree of invasiveness, whether dominant and widespread in a particular habitat or landscape—regardless of the quality or condition of the site—or much less common but long-lived and extremely persistent in places where it occurs. The presence of non-native invasive plants is largely the result of soil and habitat disturbance, though many invasive species are capable of eventually spreading from degraded areas into relatively undisturbed sites, such as interior forest.

Hundreds of exotic plants, growing in a variety of habitats, occur in Alexandria. However, only exotic plants that are especially invasive, damaging, and persistent, including species that produce a pervasive seed bank and those that prevent natural succession by native plants, are included on the Alexandria invasive plant list, which is available online.

Non-native invasive species in Alexandria are monitored by the Natural Resources Division, which also coordinates and oversees various control efforts, including collaborative projects with other City departments and staff, partner organizations, and volunteers.

RPCA, with the assistance of a specialty contractor and the participation of hundreds of volunteers annually, had consecutive landmark years in 2014 and 2015 reclaiming and restoring many tens of acres of City natural areas and parkland through the removal of non-native invasive plants. This work was officially recognized as an “environmental highlight” on both of the 2014 and 2015 Alexandria’s Top-Ten Environmental Accomplishments lists.

Ecological Restoration Plantings

To preserve existing biodiversity, it is important to differentiate between natural sites and artificial, developed or cultural landscapes, and to allow existing seed banks of native plants to grow and sites to naturally revegetate, specifically in public natural areas being conserved or restored. Adding plantings to parks (i.e., riparian buffer plantings) or planting bare ground after invasive exotic species are removed is not always recommended, even if native species are used. Rather, these areas should be monitored to evaluate if successive growing seasons required additional planting or whether the native seed bank has flourished. However, planting with appropriate early succession and common native plants is recommended at select sites that are devoid of existing native vegetation, especially at sites where soil stabilization is the recommended or required practice.

Reintroducing plants that were historically known from the City, or are rare or in serious decline, is an important ecological restoration practice by Natural Resources Division that helps maintain biological diversity throughout the City. This involves responsibly collecting seed or rescued material from local natural sources (primarily in Fairfax and Arlington counties), as well as obtaining “restoration grade” plant material from local provenance nurseries, and planting in appropriately matched habitats in Alexandria. Such conservation measures are also in accord with the National Seed Strategy for Rehabilitation and Restoration 2015-2020 (PCA 2015). Plant reintroduction, however, should never be considered a viable substitute for protecting or properly managing existing rare plant populations (PRTF 1999).

ESMS and SOPs

Of the four Significant Aspects in RPCA’s Environmental and Sustainability Management System (ESMS), reducing agro-chemicals and their negative effects on natural lands and waterways is the aspect that most pertains to natural resource management. To this effect, RPCA produced and issued the Standard Operating Procedure (SOP) for pesticide use in the City of Alexandria: RPCA Standard Operating Procedures for Invasive Species Control and Herbicide Use in the City of Alexandria.

Partnerships and Volunteers

The volunteer support of citizens, organizations, and partners is essential to the conservation of Alexandria’s natural resources and biodiversity. The City is fortunate to have such a dedicated, well developed, and robust network of volunteers and conservation partners, including but not limited to, the Alexandria Beautification Commission, Alexandria Environmental Policy Commission, Arlington Regional Master Naturalists (ARMN; which includes many active members and projects in Alexandria), Friends of Dora Kelley Nature Park, Friends of Monticello Park, Friends of Timberbranch Parkway, Northern Virginia Conservation Trust (NVCT), Tree Stewards of Arlington and Alexandria, Virginia Native Plant Society, Volunteer Alexandria, Wakefield-Tarleton Civic Association, innumerable school and church groups, and City residents.



Management Plan & Recommendations

Natural Resource Management covers a diverse range of methods, research, and techniques. Its approach needs to cover a multitude of areas and environmental layers. This document seeks to outline the management goals for the City’s natural resources.

Acquiring additional open space parcels and easements alone are not enough to achieve conservation goals and preserve Alexandria’s biodiversity and natural resources, largely because remaining potential natural area sites are few and together do not proportionately represent significant levels of biodiversity. Moreover, acquisition of land does not inclusively address resource management.

To address these needs, these recommendations are divided into the following four major categories:

Management

This focus area of Natural Resource Management sets the foundation for the work to be accomplished in a broad sense. Overarching principals, recommendations, policies and projects that assist the focus and direction of other areas are listed here.

- 1) Science Based Management - Require adherence to science-based, adaptive management methods in all natural resource management activities, to include the guidelines and principles of ecological restoration in all planting activities located in City owned natural areas, following the Landscape Guidelines with a higher preference to native plant stock.
- 2) Best Management Practices – Industry BMPs should be utilized regarding natural resource management. These are continually researched and updated by Natural Resource Division and shared with staff, City departments, conservation partners, and residents concerned with natural resource management and conservation. One such example of a BMP is to promote the use of models based on nearby, similar ecosystems when developing restoration planting palettes, and the use of locally appropriate, native plants in City landscape design and planting projects, as well as tree plantings and tree sales.
- 3) Natural Site Management Plans – Develop site specific management plans for natural areas, whether the site is fully a natural area, or there is a natural area within an active park. The application of assessed conservation rankings should be an element considered during the plan developments.
- 4) Proactive Management – The intent is to move from a reactive management approach where there are large infestations of invasive material, to a proactive, sustainable management approach that conducts follow-up treatments and reduces the need to address large-scale projects in the long-term.
- 5) Conduct inventories – The City has conducted geology and flora inventories, but there are additional needs to ensure that management plans are developed which include all data possible. This plan recommends that future inventories in the areas of avian, mammal, insect, amphibian, and other population types to be conducted in the next five (5) to ten (10) years to enhance the data that can be

used in plan development.

- 6) Site Mapping – This goal is to more accurately map natural areas as a whole or within existing parks, and place this data in GIS. This data should be aligned and verified with other RPCA data sets.
- 7) Policy Recommendations – To support the work of protecting and restoring natural resources, this plan promotes the research and implementation of policies at various levels supporting the mission of RPCA and the Natural Resources Division. It should be noted that these policies only cover those lands under the current jurisdiction of RPCA as stated in the Introduction. Policy development and recommendations will be on-going, but at this time would include the following:
 - a) Adopt the overarching policy goal of No Net Loss of City-owned natural lands and parkland. “Natural lands” do not necessarily infer pristine sites, but encompass all remaining natural and semi-natural sites, forested areas, meadows, and waterways, including sand and gravel depositional bars, freshwater tidal communities, and wetlands (see Native Vascular Flora of the City of Alexandria, Virginia).
 - b) Adopt the action and policy goal of Do No Harm as the overarching principle governing all aspects of natural resource management and land use in City-owned natural areas. The precept Do No Harm is a safeguard reminder to those working with living systems to not cause damage or harm by their actions, directly or indirectly, and to always consider unintended effects that might occur when altering, managing, or enhancing natural areas.
 - c) Recommend that all park improvement, planting, and other plans involving City parks with natural areas be reviewed by the Natural Resources Division.
 - d) Expand the footprint of remaining natural areas and/or create buffers around remaining natural areas.
 - e) Adopt the policy that natural land forms and geologic features be preserved as much as feasible during planning and development projects.
 - f) Specify that the updated and revised Non-Native Invasive Plants of the City of Alexandria, Virginia serve as the official invasive plant list for the City of Alexandria.
 - g) Revise City Code, Section 6-2-5, “Permitted Trees, etc.” to exclude all non-native invasive species listed in the “Major Trees” and “Minor Trees” sections.
 - h) Specify that species found to be invasive in Alexandria that are included on the City’s invasive plant list not be planted in City-owned parks and lands.
 - i) Expand the provisions authorizing the removal of vegetation on public lands under City Code, Section 6-2-8, to include non-native invasive species.
 - j) Promote the importance of natural resource management and the non-native invasive species control program, and continue the funding of these efforts through RPCA.
 - k) Engage Transportation and Environmental Services (T&ES) and other City departments during all phases of development and restoration in all stream restoration and outfall improvement projects, to ensure that natural resource management practices and BMPs are included in the project.

Conservation

Conservation seeks to manage and protect existing natural areas using ecologically sound practices.

1. Expand Natural Resources– Explore opportunities and strategies for land acquisition and conservation easements, in collaboration with the Open Space Plan Update direction and conservation partners, giving ecologically significant lands and those surrounding natural areas the highest priority. Public participation in this process is welcomed and encouraged.
2. Protect Natural Lands - Protect natural resources and sites, and provide an additional, higher level of scrutiny for all activities and projects adjoining natural lands. Specify that all proposed activities for such areas conform to the standards and principles of ecological restoration and Best Management Practices. Maintain established managed meadows as open, native grass-dominated

habitats. Managed meadows are unique habitats and important refugia in Alexandria for native grasses, wildflowers, and other species not found elsewhere in the City. Moreover, they are important features for ground water infiltration and recharge, as well as maintaining water quality and protecting waterways. Natural lands should be designated with interpretive signage.

3. Actively Manage Natural Sites - This is in alignment with the Environmental Action Plan’s (EAP) goal of increasing the amount of actively managed sites by 2023 in the short term. This should cover all natural area designations, and management plans should be created for each site.
4. Invasive Management Control – There should be a strategy developed to control invasive species that have compromised a specific site. This development should be proactive and sustainable, in alignment with the Management section.

Restoration

Restoration becomes necessary when sites have been modified through development or environmental factors, and the decision has been made to restore them back to a natural site.

1. Site Restoration – Restorations can cover areas such as habitat, waterways, meadows, forests, as well as other ecotypes.
2. Natural Site Development – In some locations, it will be desired to convert an existing site use to a naturalized site. In these instances, there needs to be a site specific conversion and management plan developed, and approved by internal and external stakeholders prior to implementation.
3. Partner Engagement – During planned or potential restoration projects, whether initiated by RPCA or others, be involved in cross-departmental efforts to support BMPs and current industry restorative practices in the project.

Community

The community and its citizens should have the opportunities to learn about, and become engaged with, nature.

1. Education – Provide opportunities for the public to engage in environmental and natural resource based education, including interpretive signage and markers; embrace and pursue opportunities for citizen education and participation in all facets of natural resource conservation and stewardship.
2. Backyard Habitat – Develop a citizen program that provide resources and demonstration sites, as well as resources, for private property owners to have certified habitat on their land. This encourages engagement by the public in natural resources.
3. Transparency – Provide more information on the website, develop better metrics, and indicate timelines for project completion to better communicate goals and expectations.

In summary:



Implementation

Upon adoption of the Natural Resource Management Plan (NMRP), the Natural Resources Division of RPCA will develop plans outlined in this document, prioritizing strategies and developing timelines and fiscal implications for budget planning. Staff and partners will be engaged to assist in completing the objectives outlined here, and the plans will be shared with the public as part of transparency and public engagement.



White Oak acorns, or mast, growing on a newly planted tree in fall 2018, at Ben Brenman Park. Photo by R.D. Williams.

Appendix 1: Natural Communities and Habitats

The 25 natural community types in Alexandria can be broadly divided into four groups: 1) tidal freshwater communities; 2) alluvial communities; 3) non-alluvial wetlands; and 4) upland forest communities. Semi-natural habitats mainly include disturbed sites, such as open areas and fields, successional forest, railroad tracks, abandoned sand and gravel mines, and impoundment wetlands. Conservation rankings follow each community description.

1) Freshwater Tidal Wetlands (Estuarine System)

Freshwater Tidal Wetlands comprise a number of diverse, regularly or irregularly flooded, lunar tidal communities. Today, most freshwater tidal wetlands are now globally uncommon to rare as a result of restricted global range, sea level rise, non-native invasive plants, habitat loss, and other factors (Fleming et al. 2013).

Common Spatterdock Mudflat Type: *Nuphar advena* Tidal Herbaceous Vegetation (USNVC: CEG004472). Alexandria's last surviving examples of this community type occur at the mouth of Hunting Creek south and west of Jones Point Park to the Fairfax County shoreline. Global/State/Alexandria Ranks: G4G5/S3/A1.

High-Energy Tidal River Shore (Common Threesquare / Northern Type): *Schoenoplectus pungens* Tidal Herbaceous Vegetation (USNVC: CEG004188). Examples in Alexandria mainly occur along the Potomac River at Canal Center Plaza Park, Oronoco Bay Park, and Jones Point Park, with smaller occurrences along lower Four Mile Run and Hunting Creek. Global/State/Alexandria Ranks: GNR/S1?/A1.

High-Energy Tidal River Shore (Water-Willow Type): *Justicia americana* Tidal Herbaceous Vegetation (USNVC: CEG006579). Good examples in Alexandria occur along the Potomac River at Oronoco Bay Park and Jones Point Park. Global/State/Alexandria Ranks: GNR/SU/A1.

Tidal Freshwater / Oligohaline Aquatic Bed (Tapegrass Type): *Vallisneria americana* - *Myriophyllum spicatum* Semipermanently Flooded - Tidal Herbaceous Vegetation [Provisional] (USNVC: CEG006048 (in part)). This community type occurs in shallow water along the Potomac River from Daingerfield Island to the mouth of Hunting Creek. Global/State/Alexandria Ranks: GNR/SU/A1.

Tidal Freshwater Marsh (Mixed High Marsh Type): *Impatiens capensis* - *Persicaria arifolia* - *Peltandra virginica* - (*Typha angustifolia*) Tidal Herbaceous Vegetation (USNVC: CEG006325). Large expanses of freshwater tidal marsh once covered the mouth of Hunting Creek and tidal Cameron Run; inlets along the Potomac River such as Oronoco Bay; areas along the GWMP at Daingerfield Island; and the tidal section of Four Mile Run. The largest remaining stands occur at the mouth of Hunting Creek near Jones Point Park, despite major recent losses and degradation resulting from the Woodrow Wilson Bridge expansion and widening of the Capital Beltway. Very old remnant marshes occur at Four Mile Run Park and Daingerfield Island along the GWMP, with the several-acre marsh at Four Mile Run Park being the best example. Remnant tidal marshes are somewhat isolated from direct tidal flooding as a result of altered land use in the early 20th century, but remain largely intact owing to the deep, permanently saturated, mucky soils that have existed in these places for millennia. Global/State/Alexandria Ranks: GNR/S4?/A1.

Freshwater Tidal Shrub Swamp: *Alnus serrulata* - *Salix nigra* / *Pilea (fontana, pumila)* Tidal Shrubland (USNVC: CEG006843). Examples today occur at the mouth of Hunting Creek, Jones Point Park, and

Oronoco Bay Park. Global/State/Alexandria Ranks: GNR/SU/A1.

Freshwater Tidal Hardwood Swamp: *Fraxinus profunda* - *Nyssa biflora* - (*Fraxinus pennsylvanica*) / *Ilex verticillata* / *Pericaria arifolia* Tidal Forest (USNVC: CEG006287). Remaining examples in Alexandria occur at the mouth of Hunting Creek at Jones Point Park, Daingerfield Island, GWMP, and Four Mile Run Park. Global/State/Alexandria Ranks: G3/S3/A1.

Successional Black Willow Shrub Swamp. Examples of this important wildlife habitat in Alexandria occur along the boardwalk at Daingerfield Island, Four Mile Run Park, Jones Point Park, and along the tidal reaches of Hoof's Run at African American Heritage Park. GNR/SNR/A1.

2) Alluvial Floodplain Communities (Palustrine System)

Coastal Plain / Piedmont Floodplain Swamp (Green Ash - Red Maple Type): *Acer rubrum* – *Fraxinus pennsylvanica* / *Saururus cernuus* Forest (USNVC: CEG006606). This community type was undoubtedly more widespread along the Potomac River and large streams in Alexandria in the past. Today, examples remain at Four Mile Run Park, Daingerfield Island, old Cameron Run channel floodplain forest, and Clermont Swamp Forest. Global/State/Alexandria Ranks: G3G4/S3S4/A1.

Northern Coastal Plain / Inner Piedmont Mixed Oak Floodplain Swamp: *Quercus (phellos, palustris, michauxii)* - *Liquidambar styraciflua* / *Cinna arundinacea* Forest (USNVC: CEG006605). Today, the most extensive examples of this type in Alexandria occur at Clermont Swamp Forest along seepage braids of the Bush Hill tributary of Backlick Run south of the stream and the railroad tracks, with smaller stands along the old Cameron Run channel floodplain forest. Tarleton Park and eastern parts of Ben Brenman Park (formerly Cameron Station) at the convergence of Backlick Run and Holmes Run represent an ancient mosaic of backswamps and braided microchannels of this type with hydrology now cut off resulting from the re-configured Holmes Run stream channel. Massive, old-age bottomland oaks along Ashby Street, E. Glebe Road, and interior parts of Auburn Village, as well as Manning Street, are also relics of a vast, ancient backswamp community that once occupied parts of lower Four Mile Run. Global/State/Alexandria Ranks: G3G4/S3/A1.

Southern Piedmont / Inner Coastal Plain Floodplain Terrace Forest: *Liquidambar styraciflua* - *Quercus (michauxii, shumardii)* - *Carya cordiformis* / *Ilex decidua* / *Carex amphibola* Forest (USNVC: CEG007006). The site encompasses a several-acre expanse of rich, alluvial floodplain forest along an ancient oxbow channel of Cameron Run at Cameron Run Regional Park and behind the Vola Lawson Animal Shelter (small sections of rich floodplain forest and flora also occur directly to the northeast at the old Cameron Run channel floodplain forest. This tract, which has come to be known as “Ward’s Woods” by some, is the sole remaining example in the City of this type and probably represents a northern extension of a community that was once likely more widespread throughout the lower Cameron Run watershed. Global/State/Alexandria Ranks: G3G4/S3/A1.

Piedmont / Central Appalachian Silver Maple Forest: *Acer saccharinum* - *Acer negundo* / *Ageratina altissima* - *Laportea canadensis* - (*Elymus virginicus*, *Elymus macgregoryi*) Forest (USNVC: CEG006217). Most remaining sites of this type in Alexandria are highly degraded and weedy, with the best remaining examples occurring at Jones Point Park. Global/State/Alexandria Ranks: G4/S4/A1.

Piedmont / Central Appalachian River Birch - Sycamore Forest: *Betula nigra* - *Platanus occidentalis* Forest (USNVC: CEG002086). This type comprises the dominant vegetation along Holmes Run from the eastern end of the Holmes Run Gorge at Shirley Highway to the confluence with Backlick Run, as well as along Backlick Run.

Coastal Plain / Piedmont Small-Stream Floodplain Forest: *Liquidambar styraciflua* - *Liriodendron tulipifera* / *Lindera benzoin* / *Arisaema triphyllum* Forest (USNVC: CEG004418). Small examples of this community occur in Alexandria at Rynex Natural Area, Chinquapin Park, First Baptist Church property on the south side of Taylor Run, and along Timber Branch.

Global/State/Alexandria Ranks: G4/S4/A1.

Piedmont / Central Appalachian Sand Bar / River Shore (Low Herbs Type): *Eragrostis hypnoides* - *Lindernia dubia* - *Ludwigia palustris* - *Cyperus squarrosus* Herbaceous Vegetation (USNVC: CEG006483). The best examples of this community in Alexandria occur along Holmes Run from N. Van Dorn Street to Duke Street and Cameron Run between Ben Brenman Park and the Capital Beltway (495) crossing. Global/State/Alexandria Ranks: G3/S3/A1.

Piedmont / Central Appalachian Sand Bar / River Shore (Tall Herbs Type): *Eupatorium serotinum* - *Persicaria (lapathifolia, punctata, pennsylvanica)* Herbaceous Vegetation (USNVC: CEG006481). Good examples in Alexandria are found along Holmes Run from N. Van Dorn Street to Duke Street and Cameron Run between Ben Brenman Park and the Capital Beltway (495) crossing, with weedier examples along lower Four Mile Run. Global/State/Alexandria Ranks: GNR/S2S3/A1.

3) Non-Alluvial Wetlands (Palustrine System)

Woodland Seeps. Woodland seeps are found in a number of places throughout Alexandria, with the best remaining examples at Rynex Natural Area, Dora Kelley Nature Park, and the Winkler Botanical Preserve. Global/State/Alexandria Ranks: GNR/SNR/A1.

Northern Coastal Plain Terrace Gravel Bog: *Nyssa sylvatica* - *Magnolia virginiana* - (*Pinus rigida*) / *Rhododendron viscosum* - *Toxicodendron vernix* / *Smilax pseudochina* Woodland (USNVC: CEG006219). The privately owned Beatley Bog complex remains Alexandria's sole surviving Magnolia Bog. Global/State/Alexandria Ranks: G1/S1/A1.

Coastal Plain / Outer Piedmont Acidic Seepage Swamp: *Acer rubrum* - *Nyssa sylvatica* - *Magnolia virginiana* / *Viburnum nudum* / *Osmundastrum cinnamomeum* - *Woodwardia areolata* Forest (USNVC: CEG006238). Alexandria's largest and best remaining example of this community occurs along the toe slope of the Chinquapin Village terrace on the south side of Taylor Run at Chinquapin Park ("Chinquapin Hollow" of L.F. Ward). Smaller examples occur to the west at 1201 Key Drive (private residence) and along lower Winkler Run. Global/State/Alexandria Ranks: G3/S3/A1.

Coastal Plain Depression Swamp (Willow Oak - Red Maple - Sweetgum Type): *Quercus phellos* - *Acer rubrum* - *Liquidambar styraciflua* / *Vaccinium (formosum, fuscatum)* Forest (USNVC: CEG00610). This community was once prevalent in Alexandria on poorly drained sections of the Seminary, Dowden, and Chinquapin Village terraces. Today, one undeveloped site remains on the privately owned vacant lot at 2707 N. Rosser Street and a contiguous section in the back yard of the residence at 2709 N. Rosser Street. Global/State/Alexandria Ranks: G3/S2/A1.

4) Low-Elevation Mesic Forests (Terrestrial System)

Coastal Plain / Outer Piedmont Basic Mesic Forest: *Fagus grandifolia* - *Liriodendron tulipifera* - *Carya cordiformis* / *Lindera benzoin* / *Podophyllum peltatum* Forest (USNVC: CEG006055). The rich alluvial levee along Holmes Run at the western end of Dora Kelley Nature Park; sections of rich floodplain and cove slopes of the Holmes Run Gorge at Dora Kelley Nature Park; and the Holmes Run Scenic Easement are all good examples of Basic Mesic Forest in Alexandria.

Global/State/Alexandria Ranks: G4/S3/A1.

Northern Coastal Plain / Piedmont Mesic Mixed Hardwood Forest: *Fagus grandifolia* - *Quercus (alba, rubra)* - *Liriodendron tulipifera* / (*Ilex opaca*) / *Polystichum acrostichoides* Forest (USNVC: CEG006075). Good examples of Mesic Mixed Hardwood Forest occur in Alexandria at Dora Kelley Nature Park, Monticello Park, and St. Stephen's and St. Agnes School: Lower School Campus. Global/State/Alexandria Ranks: G5/S5/A3.

Low-Elevation Dry and Dry-Mesic Forests and Woodlands (Terrestrial System)

Piedmont Acidic Oak-Hickory Forest: *Quercus alba* - *Quercus rubra* - *Carya tomentosa* / *Cornus florida* / *Vaccinium stamineum* / *Hylodesmum nudiflorum* Forest (USNVC: CEG008475). The south- and west-facing slopes of the Winkler Botanical Preserve and northwest-facing slopes at Parkfairfax Woods comprise the best remaining examples in Alexandria of Acidic Oak-Hickory Forest. Weedy but important stands also occur at Yoakum Parkway Woods, Stevenson Park, Dora Kelley Nature Park, NOVA Alexandria Campus along N. Beauregard Street, INOVA Alexandria Hospital Scenic Easement, and St. Andrew's United Methodist Church. Global/State/Alexandria Ranks: G4G5/S4S5/A1.

Piedmont / Central Appalachian Mixed Oak / Heath Forest: *Quercus alba* - *Quercus (coccinea, velutina, montana)* / *Gaylussacia baccata* Forest (USNVC: CEG008521). As little as two decades ago, Alexandria hosted some of the largest and finest expanses of this community in northeastern Virginia on Mark Winkler Company lands at Mark Center and the heavily forested Stone Tract along W. Braddock Road. Unfortunately, all of these sites were developed since that time. Smaller, good examples in Alexandria are found today at Dora Kelley Nature Park, Winkler Botanical Preserve, NOVA Alexandria Campus behind the Bisdorf Building, Polk Avenue Park, Seminary Forest, Patrick Henry Park, INOVA Alexandria Hospital Scenic Easement, Episcopal High School woods along N. Quaker Lane, Robert Leider Park, and Forest Park. Global/State/Alexandria Ranks: G5/S5/A2.

Central Appalachian / Inner Piedmont Chestnut Oak Forest: *Quercus montana* - (*Quercus coccinea, Quercus rubra*) / *Kalmia latifolia* / *Vaccinium pallidum* Forest (USNVC: CEG006299). The large, north-facing slope at the Winkler Botanical Preserve and the similar-aspect site at Monticello Park are the best remaining examples of the evergreen Oak-Heath Forest type in Alexandria. Other good examples are found at Stevenson Park, Rynex Natural Area, Dora Kelley Nature Park, Polk Avenue Park, private residence at 4875 Maury Lane above the Beatley Bog, Seminary Forest, and Parkfairfax Woods along Gunston Road. Global/State/Alexandria Ranks: G5/S5/A2.

Semi-Natural Habitats

Good examples of the following habitats are rare in Alexandria. However, they are not ranked, despite containing rare species, because they are semi-natural environments.

1) Impoundment Wetlands

Impoundment wetlands are man-made structures that impound streams, ground water flow, or rainwater, such as ponds, ditches and swales, and reservoirs. Clean water sites are very important for wildlife, especially species of amphibians and odonates (dragonflies and damselflies).

The large, shallowly ponded impoundment wetland at Dora Kelley Nature Park, formed by impeding the flow of two groundwater seepages and diverting some of the flow from the Chambliss tributary into the wetlands; spring-fed pond at the center of the Beatley Bog complex; wet ditch in the footprint of the old Dominion Mill Race along Wheeler Avenue; shallow impounded water at the floor of the abandoned Alexandria Reservoir; old tidal channel along the west side of the GWMP adjoining Potomac Greens Park; and wet ditches along the edge of the historic Tidal Freshwater Marsh community at Daingerfield

Island are all valuable habitats.

2) Open Areas, Meadows, and Hedgerows

These sites comprise woods edges and semi-open groves; open, grassy areas; old fields; hedgerows; cemeteries; abandoned sand and gravel pits; road edges and banks; railroad tracks; and managed meadows.

3) Successional Forest

Successional forest in our region is a transitional vegetation type of past-cleared upland forest that is comprised of mature, tall stands of Virginia Pine (*Pinus virginiana*) intermixed with a diversity of maturing hardwoods and other flora. Such areas are important for wildlife and are refugia for light-demanding Virginia Pine and other conifers. Stands at Forest Park, Fort Ward Park, and the Winkler Botanical Preserve are the best remaining examples of successional forest in Alexandria.

4) Old Town Masonry

The exterior stone and brick walls of the historic Wilkes Street Tunnel (old Orange & Alexandria Railroad, c. 1851) between S. Royal and S. Fairfax streets in Old Town, as well as the brick masonry seawall along the north side of the Windmill Hill Park cove, are the only known stations in Alexandria for Purple Cliff-brake (*Pellaea atropurpurea*) — a fern that primarily grows on exposed rock. Rock Pellitory (*Parietaria pensylvanica*) frequently grows on brick and stone walls of Old Town; Trailing Pearlwort (*Sagina decumbens* ssp. *decumbens*) is common in cracks of brick sidewalks and cobblestone streets throughout Old Town. The masonry of the Hooff's Run Bridge of the old Orange & Alexandria Railroad supports the only known station in the City for Blunt-lobed Woodsia (*Woodsia obtusa* ssp. *obtusa*).

Appendix 2: Key to Rankings

Key to City Rank (unofficial designation based on occurrences within the City of Alexandria):

A1: At very high risk of extirpation from Alexandria owing to extreme rarity (5 or fewer populations), very steep declines, or other factors.

A2: Very rare and imperiled with 6 to 20 occurrences, steep declines, or other factors making it vulnerable to extirpation in Alexandria.

A3: Uncommon to rare in Alexandria with between 20 and 40 occurrences; may have fewer occurrences if found to be common or abundant at some of these locations; may be somewhat vulnerable to extirpation in Alexandria.

A4: Uncommon but not rare in Alexandria; some cause for long-term concern due to declines or other factors.

A5: Common, widespread, and abundant in Alexandria.

AH: Formerly part of the Alexandria biota with expectation that it may be rediscovered. AX: Believed extirpated from Alexandria with virtually no likelihood of rediscovery.

AU: Alexandria status unknown.

A_?: Denotes inexact numeric rank (e.g., A3?).

Key to State Rank (Townsend 2015):

S1: At very high risk of extirpation from the state due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

S2: At high risk of extirpation from the state due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

S3: At moderate risk of extirpation from the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

S4: Uncommon but not rare; some cause for long-term concern due to declines or other factors. S5: Common, widespread, and abundant.

SH: Known only from historical occurrences but still some hope of rediscovery.

SX: Not located despite intensive searches and virtually no likelihood of rediscovery.

SU: Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

S_?: Denotes inexact numeric rank (e.g., S3?).

Key to Global Rank (NatureServe 2015, Townsend 2015):

G1: At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.

G2: At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.

G3: At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.

G4: Uncommon but not rare; some cause for long-term concern due to declines or other factors. G5: Common, widespread, and abundant.

GH: Known only from historical occurrences but still some hope of rediscovery.

GX: Not located despite intensive searches and virtually no likelihood of rediscovery.

GU: Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

G_?: Denotes inexact numeric rank (e.g., G3?).

G_Q: Taxonomic distinctiveness of this entity at the current level is questionable; resolution of this

uncertainty may result in change from a species to a subspecies or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower conservation priority (e.g., G3Q).
G_T_: Signifies the rank of a subspecies or variety. GNR: Global rank not yet assessed.

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Appendix 3: Plates of Natural Areas

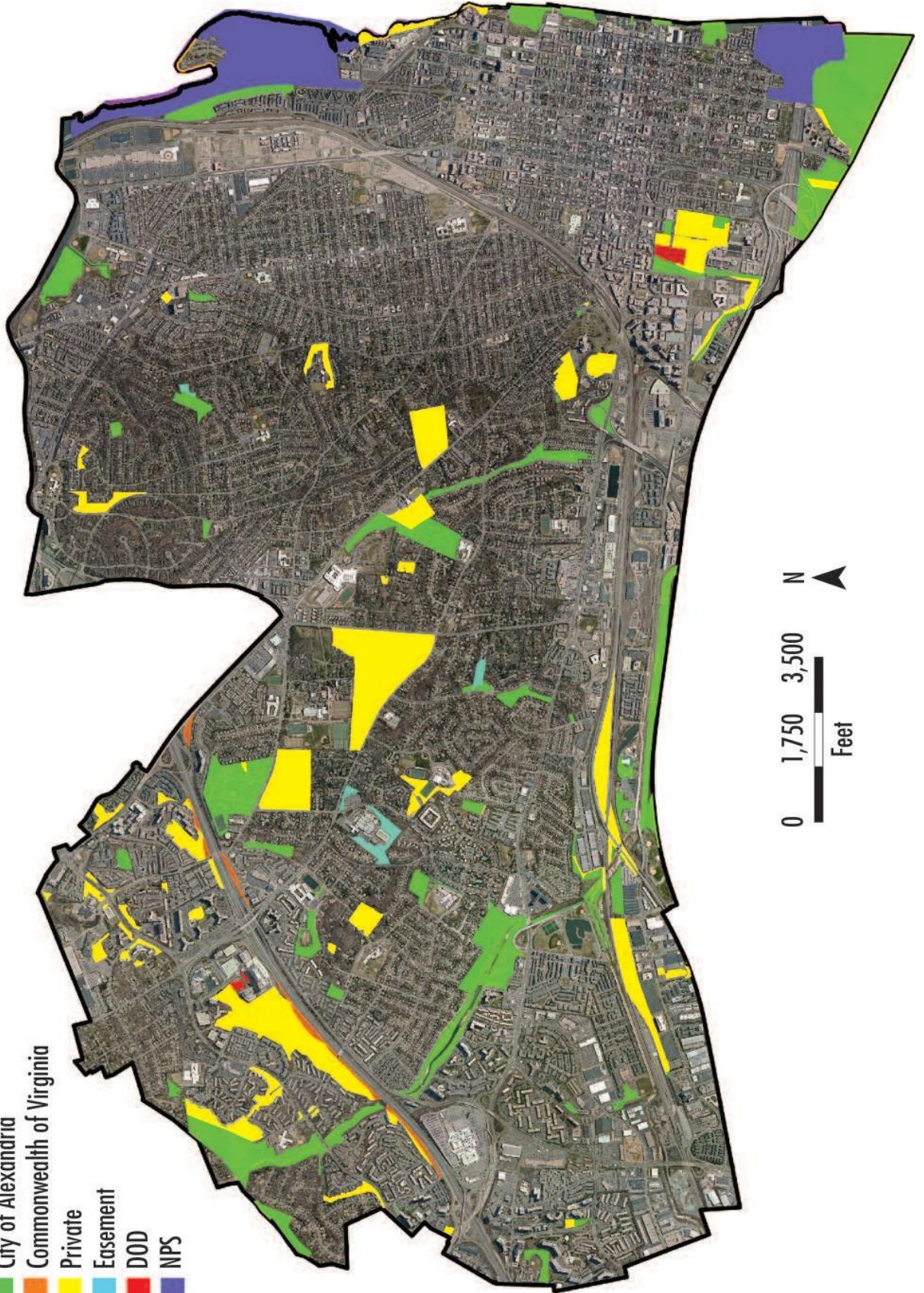
The following are plates of natural areas as identified within the City. As part of the management plan, all data will be verified and combined with other RPCA datasets.

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Remaining Natural Area Sites in the City of Alexandria

Ownership Type

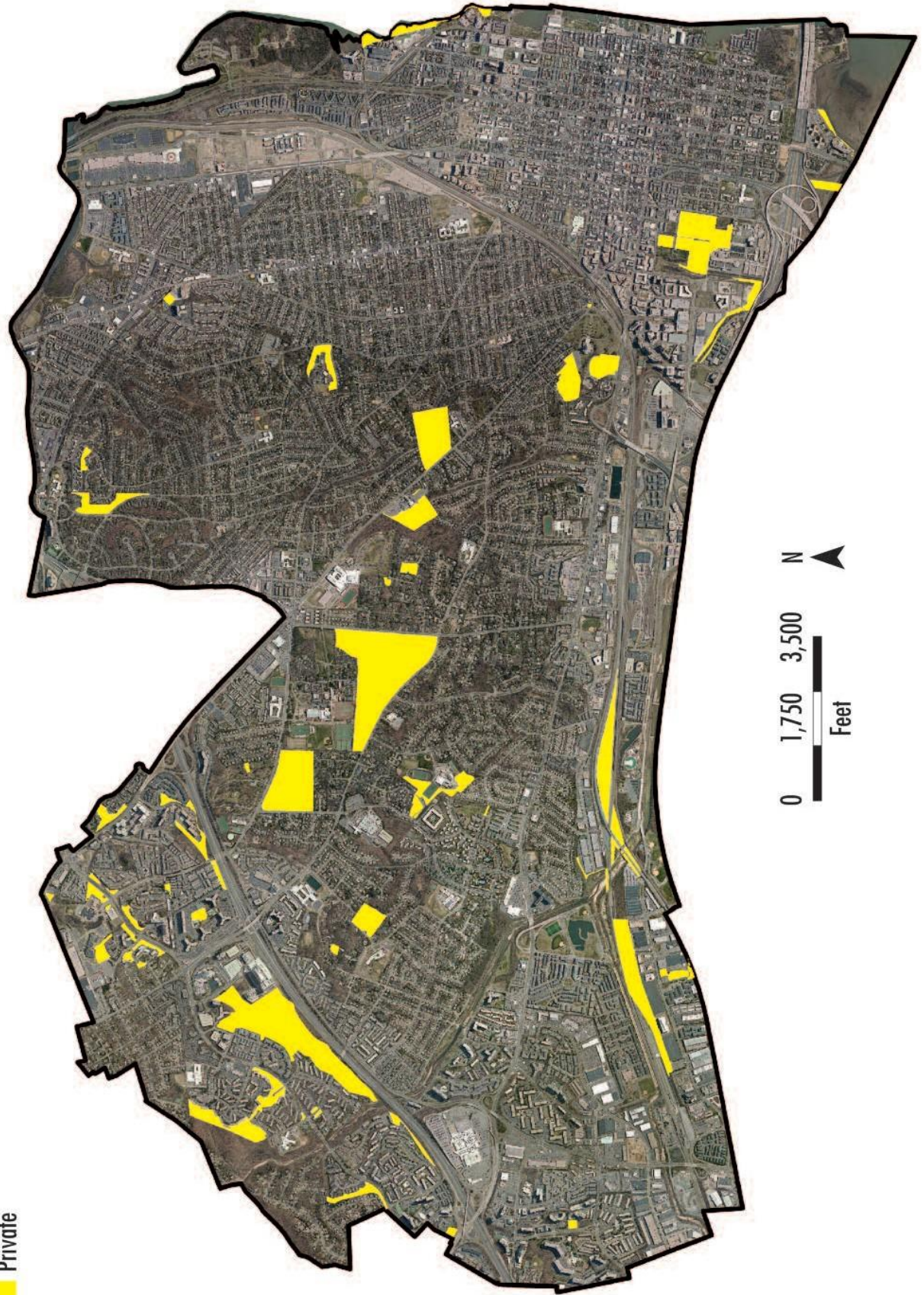
- City of Alexandria
- Commonwealth of Virginia
- Private
- Easement
- DOD
- NPS



Privately Owned Natural Area Sites in the City of Alexandria

Ownership Type

Private



Federally Owned Natural Area Sites in the City of Alexandria

Ownership Type

- DOD
- NPS



City-Owned Natural Area Sites and Conservation Easements

Ownership Type

- City of Alexandria
- Easement



City-Owned Natural Area Sites and Easements

1	AAHP	African American Heritage Park: 5.729 acres of tidal Hooff's Run; Successional Black Willow Shrub Swamp; and passive use park.	11	CR	Cameron Run Regional Park: 6.975 acres of Southern Piedmont/Inner Coastal Plain Floodplain Terrace Forest and remnant bottomland forest groves intermixed with passive and active recreational facilities.	19	GHP	Goat Hill Park: 2.274 acres of Piedmont Acidic Oak-Hickory Forest remnant and passive use park.
2	ABP	Armistead Boothe Park: 3.223 acres of remnant bottomland forest groves intermixed with passive and active recreational facilities.	12	DK	Dora Kelley Nature Park: 41.919 acres of Central Appalachian/Inner Piedmont Chestnut Oak Forest; Piedmont/Central Appalachian Mixed Oak/Heath Forest; Piedmont Acidic Oak-Hickory Forest; Northern Coastal Plain/Piedmont Mesic Mixed Hardwood Forest; Coastal Plain/Outer Piedmont Basic Mesic Forest; Woodland Seeps; Impoundment Wetland; and passive use park.	20	GM	George Mason Park: 2.5 acres of remnant groves of Piedmont Acidic Oak-Hickory Forest.
3	AP	Angel Park: 10.318 acres of Taylor Run; Open Areas; Successional Forest; and passive and active recreational facilities.	13	EP	S. Early Street Park: 0.425 acres of Strawberry Run; Piedmont Acidic Oak-Hickory Forest remnant; and passive use park.	21	HC	21) Tidal wetlands at mouth of Hunting Creek (HC): 111.086 acres of Potomac River shoreline; Common Spatterdock Mudflat Type; High-Energy Tidal River Shore (Common Threesquare/Northern Type); Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type); Tidal Freshwater Marsh (Mixed High Marsh Type); and Freshwater Tidal Shrub Swamp.
4	BBP	Ben Brenman Park: 8.25 acres of the last remaining, mostly natural stretch of Backlick Run in Alexandria, including exposed outcrops of lithified Cameron Valley sand; confluence with Holmes Run.	14	FMR	Four Mile Run Park: 18.281 acres of remnant Tidal Freshwater Marsh (Mixed High Marsh Type); Freshwater Tidal Hardwood Swamp; Coastal Plain/Piedmont Floodplain Swamp; and remnant bottomland forest groves intermixed with passive and active recreational facilities.	22	HRP	Holmes Run Park: 57.427 acres of Holmes Run from the east side of Shirley Highway (395) to the confluence with Backlick Run (H); Piedmont/Central Appalachian Sand Bar/River Shore (Low Herbs Type); Piedmont/Central Appalachian Sand Bar/River Shore (Tall Herbs Type); Piedmont/Central Appalachian River Birch - Sycamore Forest; Northern Coastal Plain/Piedmont Mesic Mixed Hardwood Forest; old Holmes Run channel; and the Beasley Library Meadow.
5	BHCE	Battery Heights Conservation Easement: 2.779 acres of Strawberry Run and Northern Coastal Plain/Piedmont Mesic Mixed Hardwood Forest.	15	FP	Forest Park: 20.405 acres of West Branch Taylor Run; Piedmont/Central Appalachian Mixed Oak/Heath Forest; Successional Forest; and passive use park.	23	HRS	Holmes Run Scenic Easement: 9.35 acres of Holmes Run between N. Beauregard Street and Shirley Highway (395) and Coastal Plain/Outer Piedmont Basic Mesic Forest.
6	BP	Beverly Park: 1.895 acres of remnant trees; cove-like Northern Coastal Plain/Piedmont Mesic Mixed Hardwood Forest; and passive use park.	16	FS	Founders Park: 4.222 acres of Potomac River shoreline and Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type).	24	HS	Hammond School: 7.172 acres of Successional Forest and the Hammond School Meadow.
7	C	Cameron Run: 29.983 acres of the modern Cameron Run channel from the confluence of Holmes Run and Backlick Run to Hooff's Run; Piedmont/Central Appalachian Sand Bar/River Shore (Low Herbs Type); and Piedmont/Central Appalachian Sand Bar/River Shore (Tall Herbs Type).	17	FW	Fort Ward Park: 39.917 acres of Piedmont/Central Appalachian Mixed Oak/Heath Forest; Piedmont Acidic Oak-Hickory Forest remnant; Successional Forest; Open Areas and Meadow; and remnant forest groves intermixed with passive and active recreational facilities.	25	HW	Hospital Woods West: 6.00 acres of old-age Central Appalachian/Inner Piedmont Chestnut Oak Forest.
8	CH	Chambliss Park: 2.186 acres of Piedmont Acidic Oak-Hickory Forest and woodland seeps.	18	FWP	Fort Williams Park: 7.981 acres of Strawberry Run; Northern Coastal Plain/Piedmont Mesic Mixed Hardwood Forest; and passive use park.	26	HWE	Hospital Woods East: 2.276 acres of Successional Forest.
9	CNP	Clermont Natural Park: 5.333 acres of Northern Coastal Plain/Inner Piedmont Mixed Oak Floodplain Swamp.				27	HWS	Hospital Woods South: 4.00 acres of Piedmont Acidic Oak-Hickory Forest.
10	CP	Chinquapin Park: 4.94 acres of Coastal Plain/Piedmont Small-Stream Floodplain Forest and Coastal Plain/Outer Piedmont Acidic Seepage Swamp along Taylor Run.						

City-Owned Natural Area Sites and Easements

28	JHP	Joseph Hensley Park: 2.014 acres of Successional Forest.	40	R	Rynex Natural Area: 9.247 acres of Rynex Run; Central Appalachian/Inner Piedmont Chestnut Oak Forest; Piedmont Acidic Oak-Hickory Forest; Coastal Plain/Piedmont Small-Stream Floodplain Forest; and Woodland Seeps.	50	TLP	Tide Lock Park: 1.043 acres of acres of Potomac River shoreline and Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type).
29	JL	801 Janney's Lane: 0.214 acres of Successional Forest.	41	RG	Rivergate Park: 0.079 acres of Potomac River shoreline and Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type).	51	TP	Tarleton Park: 3.641 acres of remnant groves of Northern Coastal Plain/Inner Piedmont Mixed Oak Floodplain Swamp; Open Areas; and passive use park.
30	JMP	James Mulligan Park: 3.065 acres of Successional Forest.	42	RLP	Robert Leider Park: 1.304 acres of Piedmont/Central Appalachian Mixed Oak/Heath Forest and passive use park.	52	TR	Taylor Run Park: 3.475 acres of Taylor Run; Open Areas; and Successional Forest.
31	KC	Kust Conservation Easement: 1.263 acres of old-age Central Appalachian/Inner Piedmont Chestnut Oak Forest.	43	SF	Seminary Forest: 4.761 acres of Central Appalachian/Inner Piedmont Chestnut Oak Forest; Piedmont/Central Appalachian Mixed Oak/Heath Forest; and Piedmont Acidic Oak-Hickory Forest.	53	TRR	10 Russell Road: 0.291 acres of woodland grove.
32	KSP	King Street Park: 0.020 acres of Potomac River shoreline and Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type).	44	SP	Stevenson Park: 4.837 acres of Central Appalachian/Inner Piedmont Chestnut Oak Forest; Piedmont/Central Appalachian Mixed Oak/Heath Forest; Piedmont Acidic Oak-Hickory Forest; and passive and active recreational facilities.	54	UP	Upland Park: 0.228 acres of Open Area and Meadow.
33	M	Monticello Park: 6.381 acres of the headwaters of the Hume Spring tributary; old-age Northern Coastal Plain/Piedmont Mesic Mixed Hardwood Forest; old-age Central Appalachian/Inner Piedmont Chestnut Oak Forest; and Woodland Seep.	45	SRS	S. Reynolds Street Woods: 0.984 acres of Piedmont Acidic Oak-Hickory Forest remnant.	55	WH	Windmill Hill Park (includes Shipyard Park shoreline): 6.056 acres of Potomac River shoreline and Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type).
34	OB	Oronoco Bay Park: 9.13 acres of Potomac River shoreline; Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type); and Tidal Freshwater Marsh (Mixed High Marsh Type).	46	SSE	Stonegate Scenic Easement: 3.253 acres of Northern Coastal Plain/Piedmont Mesic Mixed Hardwood Forest and Woodland Seeps.	56	WSCC	Wilkes Street Cemetery Complex (includes Douglass Cemetery and Penny Hill Cemetery): 3.664 acres of Open Areas and old-age trees.
35	OCCR	Old Channel of Cameron Run: 6.791 acres of the old channel of Cameron Run; confluence with the tidal mouth of Hooff's Run; and remnant freshwater tidal vegetation.	47	T&D	Telegraph & Duke Meadow: 4.861 acres of Meadow and Successional Forest.	57	WST	Wilkes Street Tunnel: 0.116 acres of masonry of the historic Wilkes Street Tunnel (old Orange & Alexandria Railroad, c. 1851) that support the City-tare Purple Cliff-brake (Pellaea atropurpurea) fern.
36	PA	Polk Avenue Park: 2.352 acres of Piedmont/Central Appalachian Mixed Oak/Heath Forest; Successional Forest; and passive use park.	48	TAP	Taney Avenue Park: 2.567 acres of Open Area; Successional Forest; and passive use park.	58	YP	Yonkum Parkway Woods: 1.037 acres of Piedmont Acidic Oak-Hickory Forest remnant.
37	PG	Potomac Greens Park: 17.4 acres of remnant tidal channel and passive use park.	49	TBP	Timberbranch Parkway: 6.19 acres of Timber Branch and Coastal Plain/Piedmont Small-Stream Floodplain Forest.			
38	PH	Patrick Henry Park: 5.946 acres of old-age Central Appalachian/Inner Piedmont Chestnut Oak Forest; Successional Forest; and Open Areas and Meadow.						
39	PL	Point Lumley Park: 0.071 acres of Potomac River shoreline and Tidal Freshwater/Oligohaline Aquatic Bed (Tapegrass Type).						

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Prepared by City Staff

Roderick H. Simmons
Robert D. Williams
Robert W. Taylor
Laura D. Durham
Dinesh V. Tiwari

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From: Rod Simmons

Sent: Monday, January 20, 2020 7:18 PM

To: Bob Williams <Bob.Williams@alexandriava.gov>

Cc: Mary Farrah <mary.farah@alexandriava.gov>

Subject: RHS review comments of Taylor Run Stream Restoration 40% plans

Hi Bob,

Attached is a Word doc of my review comments of Taylor Run Stream Restoration 40% plans, as well as a PDF of same.

I have other comments to provide but these are the important ones, and until we get feedback and further material from URS it is pointless going too far with comments. This project involves one of the City's most beloved parks and natural areas and is a virtual minefield of rare and sensitive species, wetlands, old-age trees and forest stands, and other irreplaceable natural features.

As I noted last week, I thought the best way I could even approach an accurate and quality review of this project was through a narrative report (bulleted comments on a spread sheet do not come close to capturing this information). For the above reason, I also did not include serious concerns such as those raised in the PowerPoint presentation: [The Limits of Restoration - 2017 MAIPC-SERMA Conference](#).

Thanks,

Rod Simmons
Natural Resource Manager / Plant Ecologist
Natural Resources Division
Department of Recreation, Parks & Cultural Activities
City of Alexandria, Virginia
2900-A Business Center Drive
Alexandria, VA 22314
office phone: 703.746.4651
mobile phone: 703.930.8972
Rod.Simmons@alexandriava.gov
<http://alexandriava.gov/22560>