1. Stormwater Advisory Board Meeting August 12 2020 Agenda

   Documents:

   STORMWATER ADVISORY BOARD AGENDA AUGUST 12 2020 (PDF).PDF

2. Stormwater Advisory Board Minutes For Approval February 19 2020

   Documents:

   STORMWATER ADVISORY BOARD MINUTES FEBRUARY 19 2020 DRAFT (PDF).PDF

CITY OF ARCHDALE

307 BALFOUR DRIVE
P.O. BOX 14068
ARCHDALE, NORTH CAROLINA 27263

PHONE: (336) 431-9141 FAX: (336) 431-2130

Stormwater Advisory Board
Regular Meeting
Wednesday, August 12, 2020
6:00 PM, City Hall Conference Room

Scheduled Attendees: D. J. Señeres PE, PWLF, CSM, Stormwater Program Manager, Lisa Chadwell, Stormwater Advisory Board, Vicki Fletcher, Stormwater Advisory Board ,Tommy Hazelwood, Stormwater Advisory Board, Bradley Acquilin, Stormwater Advisory Board, Donna Osborne, Stormwater Advisory Board

Item 1. Call to Order.

Item 2. Approval of Minutes for February 20, 2020

Item 3. Notices, Petitions, and Persons to be Heard.

Item 4. Progress on ACE Integrated Stormwater Management Program

Item 5. Additional Items

Item 6. Adjournment

DRAFT

STORMWATER ADVISORY BOARD
REGULAR MEETING
WEDNESDAY, FEBRUARY 20, 2020

DRAFT

Members Present: D.J. Señeres, Stormwater Program Manager; Board Members, Lisa Chadwell, Stormwater Advisory Board Chair, Vicki Fletcher, Stormwater Advisory Board, Tommy Hazlewood, Stormwater Advisory Board, Donna Osborne, Stormwater Advisory Board, Bradley Aquilin, Stormwater Advisory Board

Others Present: None

Item 1. Call to Order.

Lisa Chadwell called the meeting to order.

Item 2. Acceptance of Minutes from February 13, 2019, May 15, 2019, and August 14, 2019.

Mr. D. J. Señeres presented a copy of the February 13, 2019, May 15, 2019 ,August 14, 2019, and November 13, 2019 minutes for approval. Donna Osborne made a motion to approve the minutes. Tommy Hazelwood seconded the motion and the motion was approved unanimously.

Item 3. Notices, Petitions, People to be Heard.

None.

Item 4. Update on ACE Integrated Stormwater Management Program

Lisa Chadwell asked Mr. D. J. Señeres to provide an update. Mr. Señeres provided general update indicating that the audit requested in 2018 was conducted on December 17, 2019 by the team of Brandon L. Wise, Kim Turney, and Zac Lentz out of the Regional Office – Winston-Salem assigned from the Division of Energy, Mineral, and Land Resources (DEMLR), Department of Environmental Quality. During the audit, the City of Archdale submitted a 1640 page document entitled 2020 Unannounced Compliance Audit Documentation which is currently on the order of 1700 pages. Discussed some of the metrics i.e., in December 1970, the EPA was authorized by President Nixon with a 1.4B budget and 5,800 employees, today, the budget is 8.1B with 14,172 employees; in effect the miles of streams is still on the order of 325.72 million miles. [Actual dates July 9, 1970 and December 2, 1970] State of North Carolina, 40,000 miles with a proposed budget to DEQ of $193,918.082 or $4,847.95 per jurisdictional waterway mile. In 1970, the expenditure was on the order of $4.2981 per jurisdictional waterway mile; In 2020, the expenditure is $24.8679 per mile to basically apply the 6 minimum measures across the United States. In Archdale, the current expenditure in our jurisdiction is $155,675.91 per mile. Our current

cumulative since inception has been $848,896.4346 per mile over the last 13 years. Therefore, City of Archdale is at $160,548.73 where 3.03% is administrative and directives from the Federal Government and State Government. In addition, the City of Archdale has not received results of the audit. Related to our annual report submitted in September 9, 2019, we received notification from the Department of Energy, Mineral, and Land Resources on January 27, 2020 that the 2-page Annual report submission meets permit requirements but that it did not indicate overall program compliance with MS4 Permit.

Item 6. Additional Items

Mr. D. J. Señeres indicated that Ms. Vicki Fletcher and Mr. Tommy Hazelwood have completed the 3-Year appointment. Due to the recent appointment of board members on January 28, 2020, a modified appointment was discussed. Both Ms. Vicki Fletcher and Mr. Tommy Hazelwood agreed to the 1-Year term with a subsequent reappointment to be considered in February 2021. Vicki Fletcher made a motion to approve the modified term limit to maintain the staggered nature of rotation of board members . Donna Osborne seconded the motion and the motion was approved unanimously.

Mr. D. J. Señeres then addressed Ms. Chandra Sookdeo' property at 141 Dove Meadows Drive. Ms. Sookdeo addressed the City Council on January 28, 2020 indicating that her property flooded everytime it rained. Since the addressing of council, we have had the opportunity to observe specific rain events with rain data acquired from and hourly tipping device at the regional airport. Mr. Señeres indicated that the gage stations around the jurisdiction form a triangle and in conjunction with construction site rain gages, quantitative data can be reviewed. The photographs provided with rain gage data as well as visual observations provide a general assessment. Ms. Donna Osborne inquired as to how long the water stayed in the yard. Mr. Señeres indicated that initial cresting levels were gone within a couple of hours after the rain event ceased. Lingering bird paths of various sizes remained primarily at the low spot in the front yard and driveway which were depicted on additional photographs provided. Board Cahir Lisa Chadwell showed a video of the area behind her home on Renola Drive and confirmed that although levels rose, no water entered the house. Although a lengthy discussion continued about private property improvements in low lying areas, Mr. D. J. Señeres suggested that between now and the next regularly scheduled Board Meeting, members drive around the city during rain events to assess how low lying private property react during different event magnitudes.

Item 7. Adjournment.

Vickie Fletcher made a motion to adjourn. Tommy Hazelwood seconded the motion and the motion was approved unanimously. Mr. D. J. Señeres thanked the new board members and existing members for serving on the board as well as providing insight concerning our continued application of the ACE Integrated Stormwater Management

and furthering education efforts related to the 6 Minimum Measures required by our NCS000434 Permit. In addition, Board Member Donna Osborne had turned in the IDDE A Grate Concern Illicit Discharge Detection & Elimination and Rain Check Stormwater Pollution Prevention for MS4's flash drives. Both were then checked out by Board Member Bradley Aquilin

Lisa Chadwell adjourned the Wednesday, February 20, 2019 Regular Stormwater Advisory Board meeting.

ROY COOPER
Governor
MICHAEL S. REGAN
Secretary
S. DANIEL SMITH
Director

NORTH CAROLINA
Environmental Quality

January 27, 2020

Mr. D.J. Señeres
City of Archdale
Via Email Only

Subject: FY 2018-2019 Annual Report
Stormwater Permit No. NCS000434
Randolph County

Dear Mr. Señeres:

DEQ received the required Annual Report for the subject permit on September 9, 2019. Staff have reviewed the report and offer the following comments:

Submission meets permit requirements:	☒ Yes	☐ No	
Program changes requested:	☐ Yes	☒ No	
Requested program changes are:	☐ Approved	☐ Denied	☒ N/A

Comments: Thank you for your submission. Please note this letter does not indicate overall program compliance with the MS4 permit.

If you have any questions concerning this matter please contact Jeanette Powell, MS4 Program Coordinator, at (919) 707-3620 or jeanette.powell@ncdenr.gov.

Sincerely,

Alaina Morman

Alaina Morman

Cc: DEMLR Winston-Salem Regional Office
MS4 Permit Laserfiche File

CITY OF ARCHDALE

CITY COUNCIL

MEETING DATE: Tuesday February 25, 2020

SUBJECT: Reappointment of Vicki Fletcher and Tommy Hazelwood to the Stormwater Advisory Board for a 1-Year Term.

RECOMMENDATIONS OR COMMENTS: Ms. Fletcher and Mr. Hazelwood are completing a 3-Year Term serving on the Stormwater Advisory Board. Due to the recent appointment of new members in January 2020, a standard reappointment of a 3-Year Term would potentially have four members leaving the board at the same time. To maintain the staggered nature of appointments, the reappointment term was considered for Vicki Fletcher of 119 Renola Drive and Tommy Hazelwood of 3901 Cheyenne Drive to serve on the Stormwater Advisory Board. Ms. Fletcher will fill a residential position while Mr. Hazelwood will fill a business entity position. The term will expire in February 2021.

SUMMARY OF INFORMATION: Stormwater Advisory Board Appointment

ATTACHMENTS: [ ] YES [X] NO

CITY OF ARCHDALE

CITY COUNCIL

MEETING DATE: Tuesday January 28, 2020

SUBJECT: Appointment of Donna Osborne and Brad Acquilin to the Stormwater Advisory Board for a 3-Year Term.

RECOMMENDATIONS OR COMMENTS: The City has received an application from Donna M. Osborne of 320 Wynnewood Drive and Mr. Brad Acqueline of Delligatti's McDonald's to serve on the Stormwater Advisory Board. Ms. Osborne will fill a residential position while Mr. Acquilin will fill a business entity position. The term will expire in January 2023.

SUMMARY OF INFORMATION: Stormwater Advisory Board Appointment

ATTACHMENTS: [ ] YES [X] NO

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02/05/2020 12:54 H	0.0001 QC:TBD
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02/06/2020 04:54 H	0.21 QC:TBD
02/06/2020 05:54 H	0.12 QC:TBD
02/06/2020 06:54 H	0.08 QC:TBD
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02/06/2020 08:54 H	0.31 QC:TBD
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02/06/2020 11:54 H	0.19 QC:TBD
02/06/2020 12:54 H	0.41 QC:TBD
02/06/2020 13:54 H	0.29 QC:TBD
02/06/2020 14:54 H	0.16 QC:TBD
02/06/2020 15:54 H	0.22 QC:TBD
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02/07/2020 07:54 H	0.01 QC:TBD
Sum	4.08
Average $1/n \sum a_i$	0.1
Mean *(max+min)/2*	0.2
High	0.4
Low	0

Station Details
Station: KGSO - Greensboro Airport Date of first observation: July 1, 1948
Station type: ASOS - Standard
City, State: Greensboro, NC County: Guilford County
Latitude: 36.0977469° Longitude: -79.9372975°
Elevation: 926 feet above sea level
Climate division: NC03 - Northern Piedmont
River basin: Haw
Supported by: NOAA National Weather Service

This page is created dynamically and should not be bookmarked. Instead, bookmark the page preceeding this.

Retrieving hourly data from Greensboro Airport for past 1 day(s)
39 observations for this period of record (97.5% data available; 1 missing records)
If you need more historical data from a larger period of record, please contact us for assistance

What is This?Date/Time o (Eastern Standard Time)	Hourly Precipitation at 2m (in)
02/10/2020 00:54 H	
02/10/2020 01:54 H	
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02/10/2020 03:54 H	
02/10/2020 04:54 H	
02/10/2020 05:54 H	
02/10/2020 06:54 H	
02/10/2020 07:54 H	
02/10/2020 08:54 H	
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02/10/2020 10:54 H	
02/10/2020 11:54 H	
02/10/2020 12:54 H	
02/10/2020 13:54 H	0.0001QC:TBD
02/10/2020 14:54 H	0.02QC:TBD
02/10/2020 15:54 H	0.02QC:TBD
02/10/2020 16:54 H	0.03QC:TBD
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02/10/2020 18:54 H	0.03QC:TBD
02/10/2020 19:54 H	0.01QC:TBD
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02/10/2020 21:54 H	0.02QC:TBD
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02/10/2020 23:54 H	0.0001QC:TBD
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02/11/2020 03:54 H	0.02QC:TBD
02/11/2020 04:54 H	0.03QC:TBD
02/11/2020 05:54 H	0.02QC:TBD
02/11/2020 06:54 H	0.11QC:TBD
02/11/2020 07:54 H	0.2QC:TBD
02/11/2020 08:54 H	0.16QC:TBD
02/11/2020 09:54 H	0.07QC:TBD
02/11/2020 10:54 H	0.1QC:TBD
02/11/2020 11:54 H	0.03QC:TBD
02/11/2020 12:54 H	0.01QC:TBD
02/11/2020 13:54 H	0.0001QC:TBD
02/11/2020 14:54 H	0.12QC:TBD
Sum	1.04
Average 1/n ∑ ai	0
Mean (max+min)/2	0.1
High	0.2
Low	0

Quality Control flags that may appear above

QCTBD	25	Not yet
QC0	0	QC Scor
QC1	0	QC Scor
QC2	0	QC Scor
QC3	0	QC Scor

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Station Details
Station: KGSO - Greensboro Airport Date of first observation: July 1, 1948
Station type: ASOS - Standard
City, State: Greensboro, NC County: Guilford County
Latitude: 36.0977469° Longitude: -79.9372975°
Elevation: 926 feet above sea level
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River basin: Haw
Supported by: NOAA National Weather Service

This page is created dynamically and should not be bookmarked. Instead, bookmark the page preceeding this.

Retrieving hourly data from Greensboro Airport for past 1 day(s)
33 observations for this period of record (97.1% data available; 1 missing records)
If you need more historical data from a larger period of record, please contact us for assistance

What is Th Hourly Precipitation (Eastern St at 2m (in)	
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02/13/202 0.07QC:TBD	
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02/13/202 0.14QC:TBD	
Sum	0.44
Average 1/	0
Mean (ma:	0.1
High	0.2
Low	0

Quality Control flags that may appear above

QCTBD	13	Not yet quality checked
QC0	0	QC Score indicates good data
QC1	0	QC Score indicates likely good d
QC2	0	QC Score indicates likely bad da
QC3	0	QC Score indicates bad data

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