

Agenda



Basic Motions

Motion
Calls for Action
 Debatable
 Simple Majority

Motion to Amend
Changes Original
 Debatable
 Simple Majority

Other Motions

Table
Postpone Vote
 No Discussion
 Simple Majority

Close Debate
End Debate & Vote
 No Discussion
 2/3 Majority

Reconsider
Change Prior Decision
 Voted in Majority
 Within One Meeting
 Debatable
 2/3 Majority

Recess
Take a Short Break
 No Discussion
 Simple Majority

Consensus Process
If 1-Vote Majority
 Debatable
 3 Votes to Pass

Adjourn
End the Meeting
 No Discussion
 Simple Majority

Actions and discussion are governed by motions. Only 3 motions on the table at once (a 4th would be out of order). Most recent motion is considered first.

- ☐ Convene meeting + Reminder: Turn off Cell Phone
 - I. Roll Call/Quorum _____ Board Members (quorum = 4)
 - II. Additions/Deletions/Approval of Agenda
 - III. Approval of May 2, 2013 Minutes (Attachment A)
 - IV. Approval of June 6, 2013 Fracking Discussion (Attachment B)
 - V. Announcements
 - VI. Public Comment Period
 - VII. New Business
 - a. FROGGS Update (15 Mins)
 - b. EAC Grant – Funding Sources – Goal #7 (20 Mins)
 - c. Quantifying EAC’s Efforts – Goal #9 (20 Mins)
 - VIII. Old Business
 - a. Parking Deck Update (15 Mins)
 - IX. Other – FYI
 - a. EAC Calendar – Finalized (Attachment C)
 - b. Recycling Report (Attachment D)
 - c. Quarterly UST/AST Report (Attachment E)
 - d. Membership Roster (Attachment F)
 - X. Proposed Agenda Items – September 5, 2013
 - a. Resource Conservation Promotion – Goal #4
 - b. EAC Citizen Engagement – Goal #1
 - c. GTV – PSA – October, November, December
 - d. Plastics Brochure Distribution Discussion
 - XI. Adjourn - Next Meeting: September 5, 2013

Items for Future Consideration

_____	_____
_____	_____
_____	_____
_____	_____

Board Members

Chair

1. Robert (Bob) Chin

Commission Members

2. Scott Anderson (Vice)
3. Michael Behm
4. Owen Burney, Jr.
5. Hugh Cox
6. David Kimmel
7. Caroline Loop

Ex-officio

Kevin Mulligan (Public Works)

Staff Liaison

Kinsey Holton (Public Works)

City Council Liaison

Marion Blackburn

Environmental Advisory Commission Mission:

The Environmental Advisory Commission is hereby created for the primary purpose of recommending matters of environmental concern and serve as technical advisory to the City Council.

Environmental Advisory Commission Purpose:

- Inventory and review, on a continuing basis, the condition of threats to, the environmental resources of the City; and as technical advisors, to report all needs for improvement and corrective actions to the City Council.
- To be advisory to the City Council. The commission will recommend to the City Council matters of city-wide environmental concern and shall serve as technical advisors to the City Council on environmental matters. In addition, it will review Environmental Impact Statements required by the City on major development projects.

ATTACHMENT A

(May 2, 2013 Minutes)

Action: For your review and approval.

**DRAFT OF MINUTES PROPOSED FOR ADOPTION BY THE
ENVIRONMENTAL ADVISORY COMMISSION
May 2, 2013**

CALL TO ORDER

Members of the Environmental Advisory Commission met on the above date at 5:30 p.m. in the Conference Room of the Public Works Facility. Dr. Bob Chin, Chairperson, called the meeting to order and welcomed members and guests. The following attended the meeting:

1. ROLL CALL

MEMBERS:

Dr. Michael Behm

Dr. Bob Chin

Mr. Owen Burney

Mr. Hugh Cox

OTHERS PRESENT:

Scott Godefroy, City of Greenville

Kinsey Holton, City of Greenville

Amanda Braddy, City of Greenville

Tom Wisemiller, City of Greenville

Marion Blackburn, Council Member, City of Greenville

2. ADDITIONS/DELETIONS TO THE AGENDA

Dr. Behm requested the discussion of EAC goals be added to the agenda as Old Business Item D. A motion was made by Dr. Chin and seconded by Mr. Burney to accept the agenda as amended. The motion passed unanimously.

3. APPROVAL OF APRIL 4, 2013 MINUTES

Dr. Behm made a motion to accept the April 4, 2013 minutes as presented. The motion was seconded by Mr. Burney and passed unanimously.

4. ANNOUNCEMENTS

- Mr. Holton presented a handout on NC Senate Bill 612 that was passed by the Senate and forwarded to the House for consideration. The component of concern on this Bill for the City of Greenville's Stormwater Management Program is the fast tracking of stormwater permits. This would allow an engineer to submit a stormwater management plan certifying it meets the appropriate design standards and is certified by the engineer and would not allow technical review by the City for approval. The Bill would also prohibit local municipalities from enacting environmental regulations more stringent than State or Federal regulations.
- Mr. Holton reported on the Wahl-Coates 4-H Explorers group water sampling expedition in April. Dr. Behm, Mr. Holton and Ms. Braddy attended as well as City of Greenville's GTV9. The video will broadcast as a City Scene item. The video will also be presented at the June 2013 award ceremony.
- Council Member Blackburn announced she has requested City Council discuss the potential lifting of the deep well injunction ban that will allow toxic wastewater to be stored in Eastern North Carolina. This discussion is scheduled on the Thursday, May 9, 2013 Council agenda.

5. PUBLIC COMMENT PERIOD

There were no public comments.

6. NEW BUSINESS

A. Summary Report – Parking Deck

Mr. Godefroy reported two companies were being evaluated to complete a Construction Manager at-risk contract to develop the Moseley parking lot as the potential site for the parking deck. This would develop and plan for the parking deck and would also provide a not-to-exceed price as well as design for the project. Mr. Godefroy also stated the structure is slated to be a pre-cast build and solar panels will be installed. City Council will entertain the item at its May 9, 2013 council meeting.

Council Member Blackburn asked if the structure is being designed with the consideration of a building on Evans Street to be utilized as a visitors' center. Mr. Godefroy stated he was uncertain at this time as to the status of this inquiry; however, Carl Rees with the City of Greenville's Planning Department could answer any questions on this matter.

Dr. Chin asked if there was a timeframe on the completion of the process for the parking deck. Mr. Holton will contact Mr. Rees and have an update at the August 1, 2013 EAC meeting.

B. Summary Report – Brownfield Grant

Mr. Wisemiller presented a PowerPoint presentation on current EPA Brownfield Assessment Grants. Three \$200,000 assessment grants have been issued in the West Greenville Redevelopment areas. These grants will be utilized to determine inventory, provide assessment, prioritize projects and determine the re-use planning of Brownfield areas in Greenville.

The 2012 Assessment grant provides for the Environmental Site Assessment (ESA) on a block of properties along 5th St., 4th St., Cotanche St., and Reade St. and the former Keel's Warehouse on Dickinson Avenue. Mr. Wisemiller also reported an application for clean up on two parcels associated with the former Imperial Tobacco Warehouse has been submitted. The announcement of award is anticipated in the near future.

Dr. Behm asked if any grants were written that would necessitate EAC's support of the grant application. Mr. Wisemiller stated support from EAC is sought for each grant and provides a strong argument in being awarded. Dr. Behm expressed concern in the input procedure of EAC in the support phase of the grant process. Dr. Behm stated he would like to see EAC more involved in the initial grant application to provide a more informed statement of support for each grant. Dr. Behm also informed Mr. Wisemiller of the service learning agreement in place with ECU and advised that students may be available for future grant writing endeavors.

Council Member Blackburn questioned the statement by Mr. Wisemiller regarding marketing and asked what would be marketed. Mr. Wisemiller stated marketing would be on the inventory of properties that have received a clean bill of health by assessment and the availability of the property for development.

Council Member Blackburn also asked if any there were any clean-up grants or current funds from clean-up grants that could be used for the Town Creek area. Mr. Wisemiller stated the current grant was for the redevelopment areas of West Greenville. Mr. Holton asked if the sources of

contamination or the impact of clean-up could be considered. Mr. Wisemiller stated an application would need to be made and he felt the clean-up may be addressed by a grant application. Mr. Godefroy also pointed out the consideration may not be given based on the fact that the levels of contamination were not above State standards.

C. Sanitation Division Update

Mr. Godefroy informed the group of the desire of the City to move forward with automated sanitation vehicles. This would result in a more efficient process of collecting refuse and would also reduce the risk of employee injuries. Council Member Blackburn also stated she understood recycling carts would be issued to citizens when the new vehicles were implemented.

D. Stormwater Annual Report

Mr. Holton presented those present with the 2011-2012 City of Greenville's Annual Stormwater Report. Mr. Holton reviewed the components of the Stormwater Management Program. Mr. Holton also reviewed the Program Element of the report and detailed lists of Development Types, Best Management Practices (BMP) implemented, compliance and enforcement of construction projects, and operation and maintenance projects. The report also presented tables with details of illegal/illicit discharge violations and actions taken, retrofit opportunities, and Public Education Action Report and Plan.

Mr. Holton also stated a Stormwater Utility Fee was in place in the City that is utilized to cover operational expenses to maintain compliance with permits as well as maintain open and closed channel pipe systems.

E. EAC Proposed Calendar

Mr. Holton directed attention to the proposed 2013-2014 EAC calendar. Mr. Holton explained the goals adopted by EAC have been incorporated into these meetings for discussion. A motion was made by Mr. Cox to adopt the calendar as presented. A second was made by Dr. Behm and passed unanimously.

F. Council Chambers Meeting Discussion

Mr. Holton informed the group of the suggestion from the City's Public Information Officer to have EAC meetings relocated to the City Council Chambers to be televised on GTV9. Mr. Cox stated he felt the meetings should continue at Public Works as he believed creativity and discussion would be stifled by live airing of the meetings. Council Member Blackburn commented she believed having the meetings televised would bring public awareness to EAC's projects.

Dr. Behm asked if meetings were moved to Council Chambers, would the option to return to Public Works be viable if the group so desired. Dr. Behm stated he would like to see if the goal of increased Public Awareness could be attained by the group before a decision to move to Council Chambers was made.

After discussion, the members tabled this topic to allow more consideration by members. The issue will be entertained at the April 2014 EAC meeting.

7. OLD BUSINESS

A. EAC Grant Application Review

Mr. Holton presented those present with the application received from JH Rose High School for the grant application. Mr. Holton informed the group that the application was received after the

required submission date and no other applications had been submitted. Mr. Holton stated the application met all requirements as outlined in the grant application and the group could motion to have the application be accepted after the deadline submittal date. Mr. Cox made a motion to approve the application after the submittal deadline due date. Dr. Behm seconded the motion. The motion passed unanimously.

A motion was then made by Mr. Cox to approve the grant application from JH Rose High School. The motion was seconded by Dr. Behm and passed unanimously.

Dr. Chin gave those present a list of available resources for potential future funding of grants. Dr. Chin asked that everyone review the list and be prepared to discuss at the August 1st EAC meeting.

B. GTV-PSA's – July, August, September

After discussion, Mr. Holton determined the following topics for PSAs; 1) July – Storm drains; 2) August – Groundwater/Surface water; and 3) September – Recycling.

C. GCPP Update

Mr. Cox informed the group of an email received by Mr. Caldwell expressing his opinion that GCPP should disband. Dr. Kenny also informed Mr. Cox that he will be unable to attend future GCPP meetings due to other commitments. Mr. Cox also stated the sustainability plan which was assigned to GCPP as a task would not be completed within the near future and asked EAC members to determine if GCPP should be converted to a less formal group and become an ad hoc group to be utilized as needed. Council Member Blackburn asked if GCPP could be renamed and have the committee become a stakeholders group in the review of the upcoming Horizons Plan update.

A motion was made by Mr. Cox to have GCPP suspend meetings for the indefinite future until such a time as recruiting for new members be accomplished and having an official task assigned. Dr. Behm seconded the motion and the motion passed unanimously.

D. EAC Goals

Due to time constraints, this topic was tabled to be addressed at a later meeting.

8. OTHER– FYI

A. Recycling Report

B. UST Report

9. PROPOSED AGENDA ITEMS – The following items are proposed for the August 1, 2013 meeting:

A. FROGGS Update

B. EAC Grant Funding Source (Goal #7)

C. Quantifying EAC's Efforts (Goal #9)

D. Quarterly UST/AST Report

10. Adjournment –There being no further business to discuss, the meeting adjourned at 8:00pm.

***Documents following were presented at the May 2, 2013 and were not attached to original agenda.



CITY OF GREENVILLE

P.O. Box 7207

NORTH CAROLINA
27835-7207

PUBLIC WORKS DEPARTMENT

April 18, 2013

John Huisman
NC DWQ – Nonpoint Source Planning Unit
1617 Mail Service Center
Raleigh, NC 27699-1617
(919) 807-6436
john.huisman@ncdenr.gov

RE: TAR-PAMLICO RIVER BASIN 2011-2012 ANNUAL STORMWATER REPORT

Dear Mr. Huisman:

Enclosed is the Annual Report for the City of Greenville's Stormwater Management Program. This report is for the period of **October 2011 – September 2012**.

If you have any questions, please contact me at kholton@greenvillenc.gov or (252) 329-4350.

Sincerely,

Kinsey Holton, PE, CFM
Civil Engineer II - Stormwater

cc: Kevin Mulligan, PE – Director of Public Works
Scott P.M. Godefroy, PE – City Engineer
Lisa Ann Kirby, PE, CFM – Senior Engineer
Environmental Advisory Commission

Annual Report for:

City of Greenville Stormwater Management Program



Date Prepared:
April 2013

Reporting Period:
October 2011 – September 2012

Prepared by:	Prepared for:
Kinsey Holton, PE, CFM	John W. Huisman
Civil Engineer II	Senior Environmental Specialist
City of Greenville – Public Works Department	NC DWQ - Nonpoint Source Planning Unit
1500 Beatty Street	1617 Mail Service Center
Greenville, NC 27834	Raleigh, NC 27699-1617
252-329-4350	919-807-6436
kholton@greenvillenc.gov	john.huisman@ncdenr.gov

I. EXECUTIVE SUMMARY

The City of Greenville has completed its seventh annual report to the NC Division of Water Quality. This report highlights the following components of our Stormwater Management Program:

1. New Development Review/Approval
2. Compliance and Enforcement
3. Illegal Discharges
4. Retrofit Opportunities
5. Public Education

In addition, the appendix includes summary tables for new development, illicit discharge violations and public education back-up information.

As noted in the 2010-11 annual report and again in the 2011-12, the City Council approved a Stream Enhancement Program to address erosion along stream banks in an effort to improve water quality, property values and protect the safety of citizens. The program provides an avenue for property owners to apply for funding from the City for eroded stream banks located on private property. The program works on a six month cycle from application to completion of a project. During this reporting cycle, two applications were submitted from neighboring property owners who were experiencing erosion along stream banks on their property. Both projects were determined to be stream restoration due to the extensive mitigation work needed to address the stream bank erosion. Staff will continue work on facilitating grant funding for the projects classified as stream restoration along with projects from prior cycles to be completed at a later time.

During this reporting cycle, engineering staff modified the annual structural best management practice (BMP) inspection schedule. The previous system for annual inspections corresponded to the date of acceptance of the BMP by the City. While that frequency had worked well for some BMPs inspected during the growing season, the schedule did not provided adequate assessment of BMP functionality during the non-growing season (i.e. late fall and winter months). This scheduling will facilitate the City and owner's inspector to properly assess the vegetative cover and diversity of plant species during the growing season and will also allow for sufficient time for repairs or replanting to take place during the warmer months and planting season. As a result of this modified inspection schedule, multiple sites that had ongoing enforcement actions were brought into compliance while others still were not in compliance as noted in Section III of this report.

Also initiated during this reporting cycle was the new grant program administered by the City's Environmental Advisory Commission that consists of citizens of different social, economic and environmental backgrounds. The grant program is scheduled for a yearly cycle from July to June and will address different environmental initiative with different organized groups. This initial cycle for 2012-2013 was focused on support of citizen activity in stormwater management education with local school organizations (i.e. PTOs, science clubs...etc.) as the focus group. The grant will be continued in 2013-14 for a second cycle with the same focus on citizen activity in stormwater management with local school organizations.

The initial grant (2012-2013) of \$1960 was awarded to the Wahl-Coates Elementary School Explorers 4-H Science Club for a water quality monitoring project on Greens Mill Run. The project focused on monthly baseline flow monitoring, water quality monitoring and water quality education. The Pamlico-Tar Riverkeeper has served as a mentor for the project to explain the parameters the students are monitoring and how they affect the overall quality of not only Greens-Mill Run, but the Pamlico-Tar River system. The results of the baseline flow and water quality monitoring are posted on the club's website (<http://wahlcoatesexplorers.weebly.com/grant.html>) along with educational information on water quality. At the completion of the grant cycle, the club will present the findings to the City's Environmental Advisory Commission during their June 2013 meeting at such time the next grant for stormwater management education will be awarded.

The City is also nearing completion of the pilot watershed master plan for the Meetinghouse and Bells Branch watersheds. The goals of the master plan include: (1) evaluating the watershed for existing flooding, water quality, and erosion problems, (2) recommend and prioritize capital improvement projects to mitigate existing flooding by reducing the frequency and severity of flooding for property owners, (3) identifying stream stabilization projects to reduce the risk of property loss along streams and reduce sediment loads as a result of erosion and (4) identify stormwater BMP retrofit locations to address runoff from existing impervious areas in order to minimize negative impacts to water quality in the receiving waters. The City plans to continue utilizing the standard operating procedures established as part of the pilot watershed master plan for other watersheds throughout the City of Greenville as funding is available.

II. PROGRAM ELEMENT: New Development Review/Approval

Development Types	Total # Projects	Total # Acres
New development projects meeting rule criteria	17 ¹	398.35
New development projects requiring BMP's	6 ²	164.79
New development projects requiring Peak Rate Match	12	259.65

¹ Of the 17 projects nine projects chose the buy-down option for all the nutrients, three chose to buy-down for a portion of the nutrients and two did not meet the nutrient threshold post development.

² Four projects implemented new stormwater BMP facilities and two utilized existing stormwater BMP facilities to meet the nutrient reduction requirements without any modifications to the BMP for nutrient reductions.

Best Management Practices (BMP) Nutrient Removal Efficiencies	Number of BMPs Implemented
Wet Detention Pond	4*
Stormwater Wetland	1*
Sand Filter	0
Bioretention	1
Grass Swales	1
Vegetated Filter Strip w/ Level Spreader	1
Dry Detention	1
Total Number of BMPs Implemented (Approved)	9

* One wet detention basin and the stormwater wetland are BMPs that were implemented for prior phases of the associated developments. The wet detention basin for the 11 Galleria site did not require any modifications for the additional nutrient loading. The stormwater wetland for the Eastern Nephrology site required a modification to the outlet structure to provide the necessary peak rate match.

A summary table is provided in Attachment A for new development projects subject to the rule during the past permit year.

Description of off-site options:

No off-site facilities were approved within this reporting period.

Results of jurisdictional review of planning issues:

There are no outstanding planning issues at this time.

III. PROGRAM ELEMENT: Compliance and Enforcement

Construction Compliance and Enforcement	2008	2009	2010	2011	2012
Construction projects completed and signed off	29	14	4	6	3
Construction projects with enforcement action taken for deficient stormwater systems	0	0	0	0	0

Operation & Maintenance Compliance and Enforcement	2008	2009	2010	2011	2012
Total of newly completed projects	25	69	83	87	85 ¹
Projects submitting reports	9	52	33	57	42
Projects inspected by COG	20	69	83	63	85
Projects with significant deficiencies	16	37	64	35	54
Projects w/ significant deficiencies corrected	1	21	17	23	1
Projects w/ correction plan and timeline	NA	14	46	5	0
Projects w/ enforcement action taken	8	2	1	7	6

¹ This value represents the actual number of sites for which BMPs were operational for the entire 2011-12 reporting period and does not include the three construction projects completed and signed off as noted in the first table under this section. The reduction from the total of 87 noted for 2011 addresses a mistake in the 2011 annual report and accounts for sites which are either only for attenuation only or utilized the nutrient offset payment option to eliminate the need for a BMP.

Description of any compliance issues:

During the 2011-2012 reporting period, City staff planned to work on development of a stakeholder group tasked with assessing the current structural BMP process for ensuring proper long-term operation and maintenance. The stakeholder group would ideally include representatives from the development, environmental, financial and governmental communities as well as commercial and residential property owners. Current issues such as how to ensure proper long-term operation and maintenance of structural BMPs from organization and financial standpoints to educational outreach efforts to homeowner associations would be addressed. Also, alternative administrative procedures would be evaluated as far as transfer of BMPs from the developer to homeowner associations. Ultimately the group and City staff would make recommendations to the City Council on improving the existing stormwater management ordinance and policies as pertains to ensuring proper long-term operation and maintenance of structural BMPs. City staff plans to initiate the development of the stakeholder group during the 2012-13 reporting period.

(Construction)

There are no current construction issues or concerns.

(Operation and Maintenance)

Out of the 85 sites inspected during this permit cycle, 36 were found to have significant deficiencies. Of those 36 sites, only 1 had corrected their deficiencies by September 30, 2011. The remaining 35 sites were still within their 90 day response period from the City of Greenville's notice of deficiency.

Inspection forms and copies of the annual reports are on file at the City of Greenville Public Works Department and may be provided upon request.

Describe enforcement actions taken and current status:

(Construction)

There are no outstanding construction enforcement actions for this permit cycle.

(Operation & Maintenance)

Prior to the 2011-2012 reporting cycle, there were 5 sites under enforcement that extended into or through this reporting cycle. The following is a summary of the 5 sites for which enforcement actions were underway during this reporting cycle.

Bedford West Subdivision: This constructed wetland was inspected by the City of Greenville on July 30, 2012 and was found to have several deficiencies. The following items were noted as deficient based on the inspection and will be required in order to bring the facility into compliance.

- Remove all nuisance vegetation;
- Remove woody vegetation from pond;
- Provide monthly maintenance logs; and
- Provide annual report.

The City generated a follow-up deficiency letter with said requirements listed giving the owner 90 days to complete after which a follow up inspection will occur. There was no follow up prior to the close of this reporting cycle. The enforcement action process will be continued during the 2012-2013 reporting cycle.

Boys & Girls Clubs: This dry detention facility was inspected by the City of Greenville on May 29, 2012 upon which the annual report and monthly maintenance logs were not provided. The facility was in good condition however the following items were again deficient based on the inspection and will be required in order to bring the facility into compliance.

- Provide annual report; and
- Provide monthly maintenance logs.

There was no follow up prior to the close of this reporting cycle. The enforcement action process will be continued during the 2012-2013 reporting cycle.

Davencroft Subdivision: This constructed wetland was inspected by the City of Greenville on August 16, 2012 and was found to have several deficiencies. The following items were noted as deficient based on the inspection and will be required in order to bring the facility into compliance.

- Provide annual report;
- Provide monthly maintenance logs;
- Remove nuisance vegetation (cattails & willows); and
- Repair all erosion.

The City generated a follow-up deficiency letter with said requirements listed giving the owner 90 days to complete after which a follow up inspection will occur. There was no follow up prior to the close of this reporting cycle. The enforcement action process will be continued during the 2012-2013 reporting cycle.

Emerald Park: These constructed wetlands were inspected by the City of Greenville on August 29, 2012 and were found to have several deficiencies. The following items were noted as deficient based on the inspection and will be required in order to bring the facilities into compliance.

- Provide annual report;
- Provide monthly maintenance logs; and
- Repair damage to vegetative shelf from prior removal nuisance vegetation (cattails) during the winter

The City generated a follow-up deficiency letter with said requirements listed giving the owner 90 days to complete after which a follow up inspection will occur. There was no follow up prior to the close of this reporting cycle. The enforcement action process will be continued during the 2012-2013 reporting cycle.

Manning Forest: This constructed wetland was inspected by the City of Greenville on July 31, 2012 and was found to have several deficiencies. The following items were noted as deficient based on the inspection and will be required in order to bring the facility into compliance.

- Provide annual inspection report;
- Provide monthly maintenance logs;
- Remove nuisance vegetation (cattails & willows); and
- Pond needs to have a more diverse wetland planting.

The City generated a follow-up deficiency letter with said requirements listed giving the owner 90 days to complete after which a follow up inspection will occur. There was no follow up prior to the close of this reporting cycle. The enforcement action process will be continued during the 2012-2013 reporting cycle.

VOA Life House: This bioretention cell was inspected by the City of Greenville on June 27, 2013 upon which the annual report and monthly maintenance logs were provided and the facility was found to be in compliance thus closing the enforcement action on the site.

IV. PROGRAM ELEMENT: Illegal Discharges

In accordance with the Tar-Pamlico River Basin – Nutrient Sensitive Water Management Strategy: Basinwide Stormwater Requirements, the City of Greenville developed an Illicit Discharge/Connection Program. This program establishes the process and legal authority to detect and eliminate any illegal discharge or connection within the city limits and up to 1 mile outside the contiguous city limits.

The table presented on the next page is a summary of the violations that were investigated during this permit cycle and the resulting action taken. In addition, Appendix B includes copies of the initial reports and the notifications that were mailed. The City also issues multiple door hanger notices throughout the year at residences and businesses to provide education on the impacts of placing lawn debris and other materials in the street.

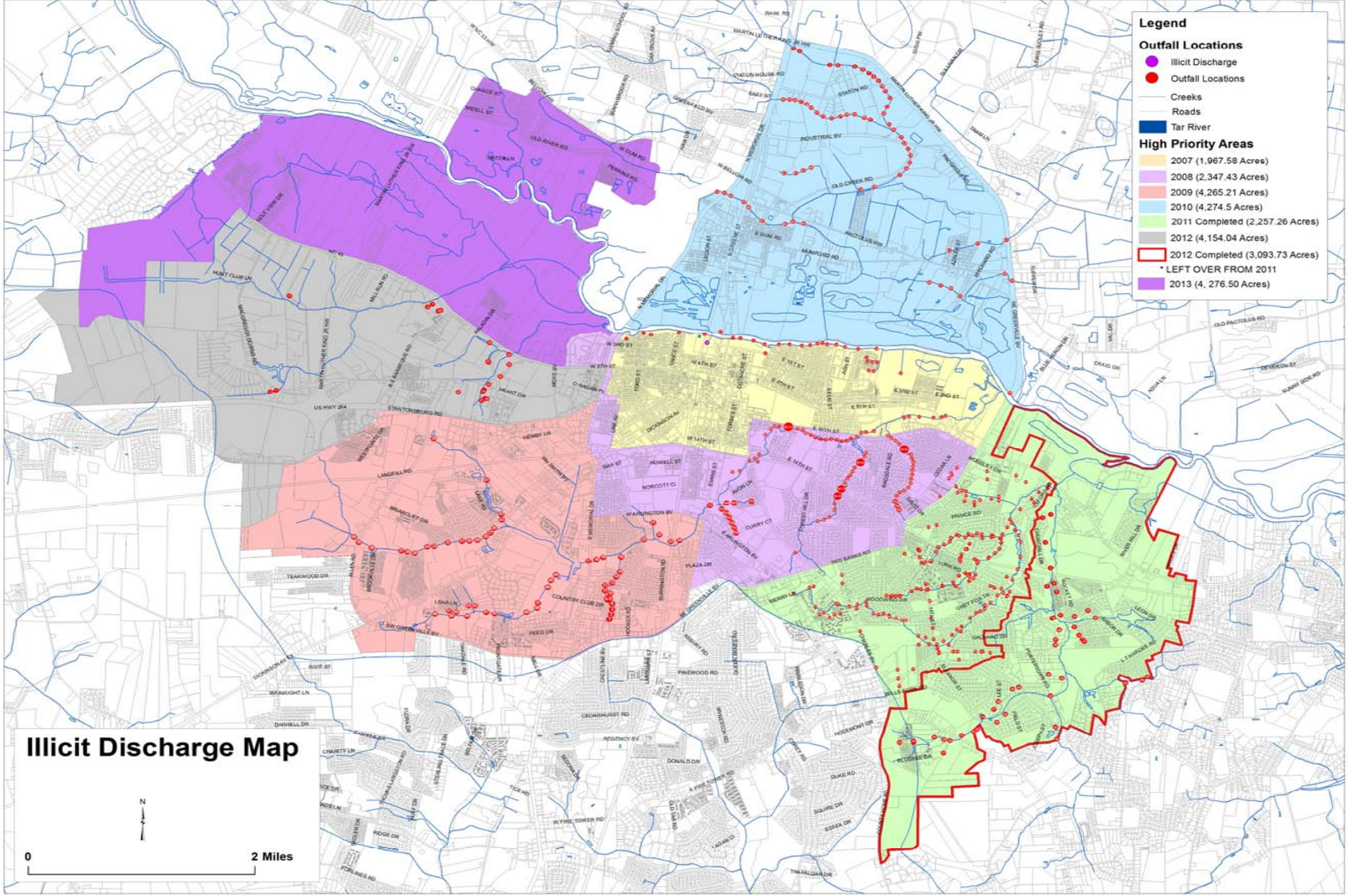
SITE	VIOLATION	ACTIONS TAKEN	NOV SENT	RESPONSIBLE PARTY
100 Belmont Dr.	Lawn debris placed within open channel stormwater conveyance	Debris removed. A NOV was issued regarding the illicit discharge and statement that any future spills could result in fines being assessed.	10/26/2011	Lamar & Samantha Shields
2300 Ione St.	Motor oil drain pan found in roadway from unknown source.	City crews removed the oil drain pan and cleaned up residual oil in pavement adjacent to the drain pan.	N/A	Unknown
Near 431 East Third Street	Dumping of diesel fuel from possibly an above ground fuel storage tank directly into storm drain that discharged to the Tar River.	COG utilized the NCDENR Environmental Emergency Hotline to report the spill and EPA responded since the spill was into a navigable waterway. EPA mobilized cleanup crew to flush storm drain and collect the wastewater for proper disposal. Absorbent booms were placed at the outfall of the storm drain to collect any residual contaminants. EPA's website for the spill still does not have a completion date. The report from the EPA website is included for reference.	NA	Unknown
1026 W.H. Smith Blvd.	Lawn debris placed along open channel stormwater conveyance.	Debris removed. A NOV was issued regarding the illicit discharge and statement that any future spills could result in fines being assessed.	02/23/2012	C. V. Bowers, LLC
333 East Arlington Blvd.	Uncontained kitchen cleaning wastewater discharged into alleyway.	Proper measures for containment of wastewater within outside wash pit addressed with business staff. Continual monitoring by City staff did not find any further discharges. A NOV was issued regarding the illicit discharge and statement that any future spills could result in fines being assessed.	02/29/2012	Mario Rodriguez
656 East Arlington Blvd.	Uncontained kitchen cleaning wastewater discharged into alleyway.	Proper measures for containment of wastewater within outside wash pit addressed with business staff. Continual monitoring by City staff did not find any further discharges. A NOV was issued regarding the illicit discharge and statement that any future spills could result in fines being assessed.	02/29/2012	Raquel Onate
S. Pitt St. adjacent to 401 W. Fifth St.	Vehicle wash water in gutter from commercial mobile car washing operation.	Inspector discussed illicit discharge issues with business owner and required they collect and properly dispose of the car wash water for future occurrences.	NA	Jason Robertson
730 W. Fire Tower Rd.	Discharge of oil, lubricants and other vehicular fluids from auto maintenance waste storage area into wet detention basin BMP for the facility.	NOV issued requiring the source of the illicit discharge to be eliminated and removal of contaminants from the storm drain system and wet detention basin. The NOV also included statement that any future spills could result in fines being assessed. Business owner responded with cleanup of contaminants and provided proper sealed and covered waste containers.	05/02/2012	Mr. Joshua Sweezy

The City of Greenville continues to rely on the NC Department of Environment and Natural Resources Environmental Help Line for water quality concerns in our area. The number is 1-877-623-6748. We did not receive any calls as a result of the state hotline during this permit cycle. In addition, through our pollution prevention education efforts, reports on water quality concerns have continued to be regularly received at the Public Works Department.

As presented in previous Annual Reports, the City of Greenville has completed the collection and organization of jurisdiction-wide information identified in the permit. This information was compiled from various resources such as Greenville Utility Commission's GIS database, City of Greenville's GIS database, NC Division of Water Quality records and NC Division of Environmental and Natural Resources records. We have completed our annual update of this information.

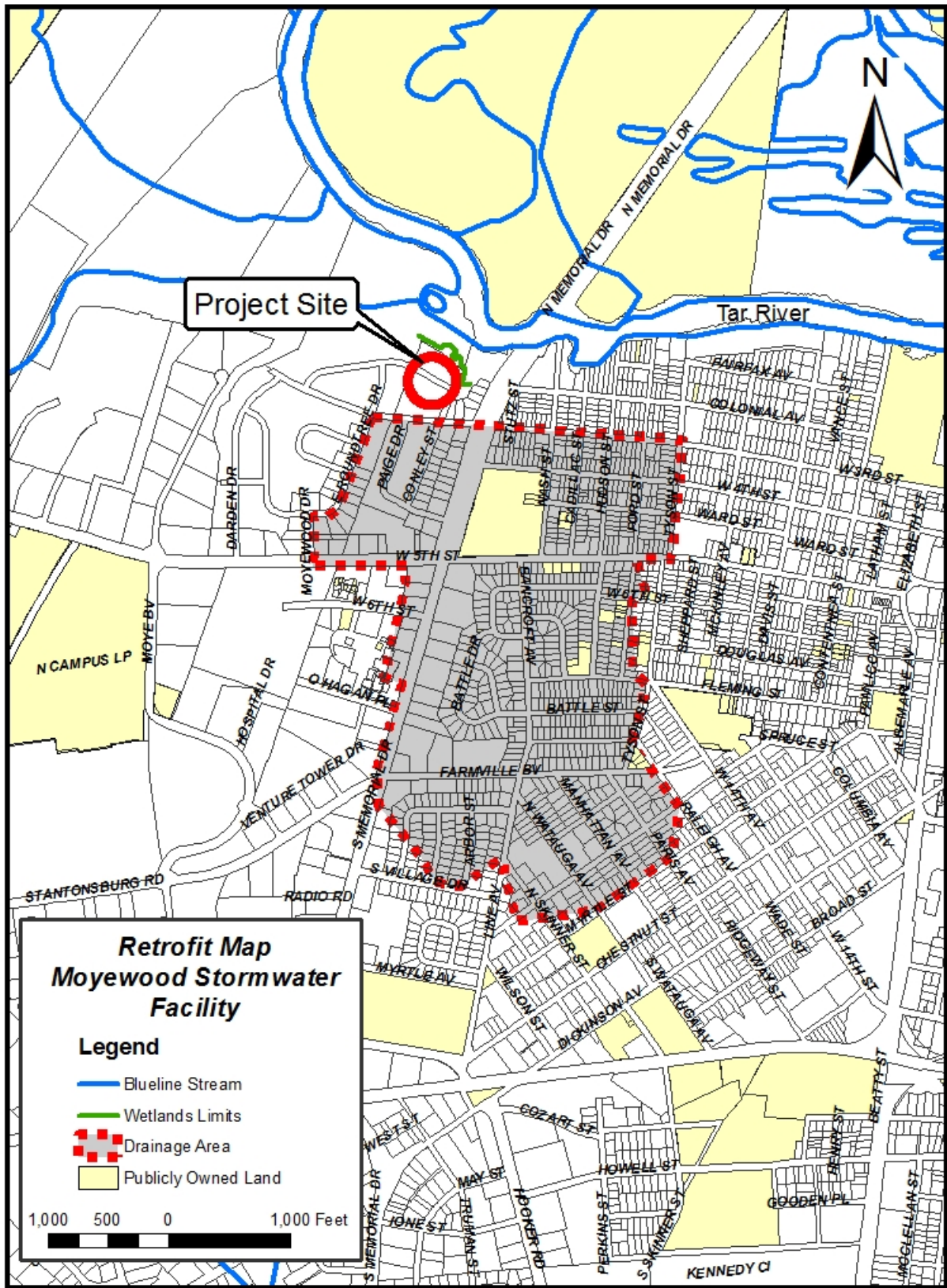
In addition to updating our jurisdiction-wide information, we have identified our next priority area for outfall screening for the investigation of illicit discharges/connections, which will be evaluated during the upcoming year. Attached is a map identifying the City's seven priority areas and the outfall locations of the investigations conducted in previous reporting cycles (see Illicit Discharge Investigation Map). The area assessment completed in the 2011-2012 reporting cycle included the remaining area of the 2011 high priority area shown on the attached map left over from a conflict with the watershed master plan drainage area. This area was inadvertently left out of the 2010-11 outfall screening as staff thought the area was part of the pilot watershed master plan storm drain system inventory.

As we near completion of the City's current jurisdictional and extra-territorial jurisdictional boundaries within the Tar-Pamlico watershed, we have selected the next area where we expect the highest concentration of storm drainage infrastructure. During the upcoming year, we will continue our survey of this area to determine outfall locations and perform dry weather inspections.



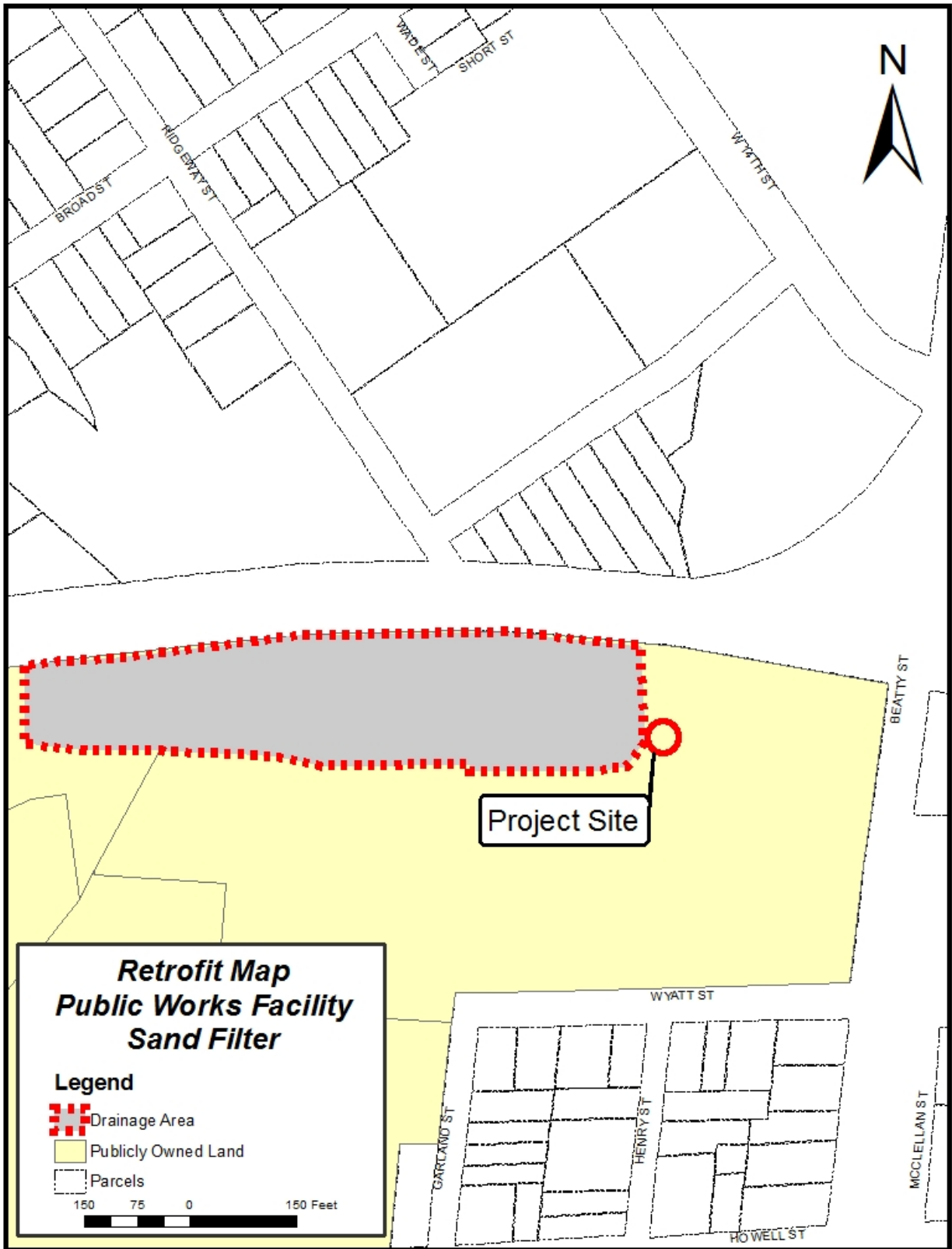
V. PROGRAM ELEMENT: Retrofit Opportunities

City of Greenville Retrofit Opportunity Table											
<i>Project Name</i>	Moyewood Stormwater Facility										
<i>Location description, including directions from a major highway</i>	Take 264 East to North Hwy 13 (Memorial Drive). Proceed to West Third Street and go West. Turn right (north) onto West Conley Street and the basin is on the right.										
<i>Type and description of retrofit opportunity</i>	Currently, Moyewood Stormwater Facility is a 1.7 AC dry detention basin that would be converted to a wetland.										
<i>Current property owner</i>	Greenville Housing Authority										
<i>Is the property owner willing to cooperate?</i>	Yes										
<i>Land area available for retrofit (sq. ft)</i>	2.0 AC										
<i>Accessibility to retrofit site</i>	Public Right-of -Way										
<i>Drainage area size (acres)</i>	201.4 AC										
<i>Land use in drainage area (percent of each type of land use)</i>	<table border="0"> <tr> <td>Transportation Impervious</td> <td align="right">17%</td> </tr> <tr> <td>Roof Impervious</td> <td align="right">30%</td> </tr> <tr> <td>Managed Pervious</td> <td align="right">42%</td> </tr> <tr> <td>Wooded Pervious</td> <td align="right">09%</td> </tr> <tr> <td>BMP Area</td> <td align="right">2%</td> </tr> </table>	Transportation Impervious	17%	Roof Impervious	30%	Managed Pervious	42%	Wooded Pervious	09%	BMP Area	2%
Transportation Impervious	17%										
Roof Impervious	30%										
Managed Pervious	42%										
Wooded Pervious	09%										
BMP Area	2%										
<i>Average slope in drainage area (%)</i>	< 3%										
<i>Environmentally sensitive areas in drainage area (steep slopes, wetlands, riparian buffers, endangered/ threatened species habitat)</i>	Since this site is currently developed as a dry stormwater control with an existing outlet, there are no foreseeable environmental obstacles. There are wetlands adjacent to the basin, which have been identified and we will not be disturbing them.										
<i>Approximate annual nitrogen and phosphorus loading from drainage area (lbs/acre/year) *</i>	<table border="0"> <tr> <td>Nitrogen</td> <td align="right">8.28</td> </tr> <tr> <td>Phosphorus</td> <td align="right">0.94</td> </tr> </table>	Nitrogen	8.28	Phosphorus	0.94						
Nitrogen	8.28										
Phosphorus	0.94										
<i>Potential nitrogen reduction (lbs/ac/yr)*</i>	3.31										
<i>Potential phosphorus reduction (lbs/ac/yr)*</i>	0.33										
<i>Estimated cost of retrofit</i>	\$69,800.00										
<i>Receiving water</i>	Tar River										
<i>DWQ classification of receiving water</i>	C,NSW										
<i>Use support rating for receiving water</i>	FC – Impaired										
<i>Other important information</i>	N/A										
<i>Status</i>	Design has been completed by NC State grad. student, under the direction of Dr. Bill Hunt. A funding source for this project has not been identified at this time.										
<i>Map</i>	See Attachment										



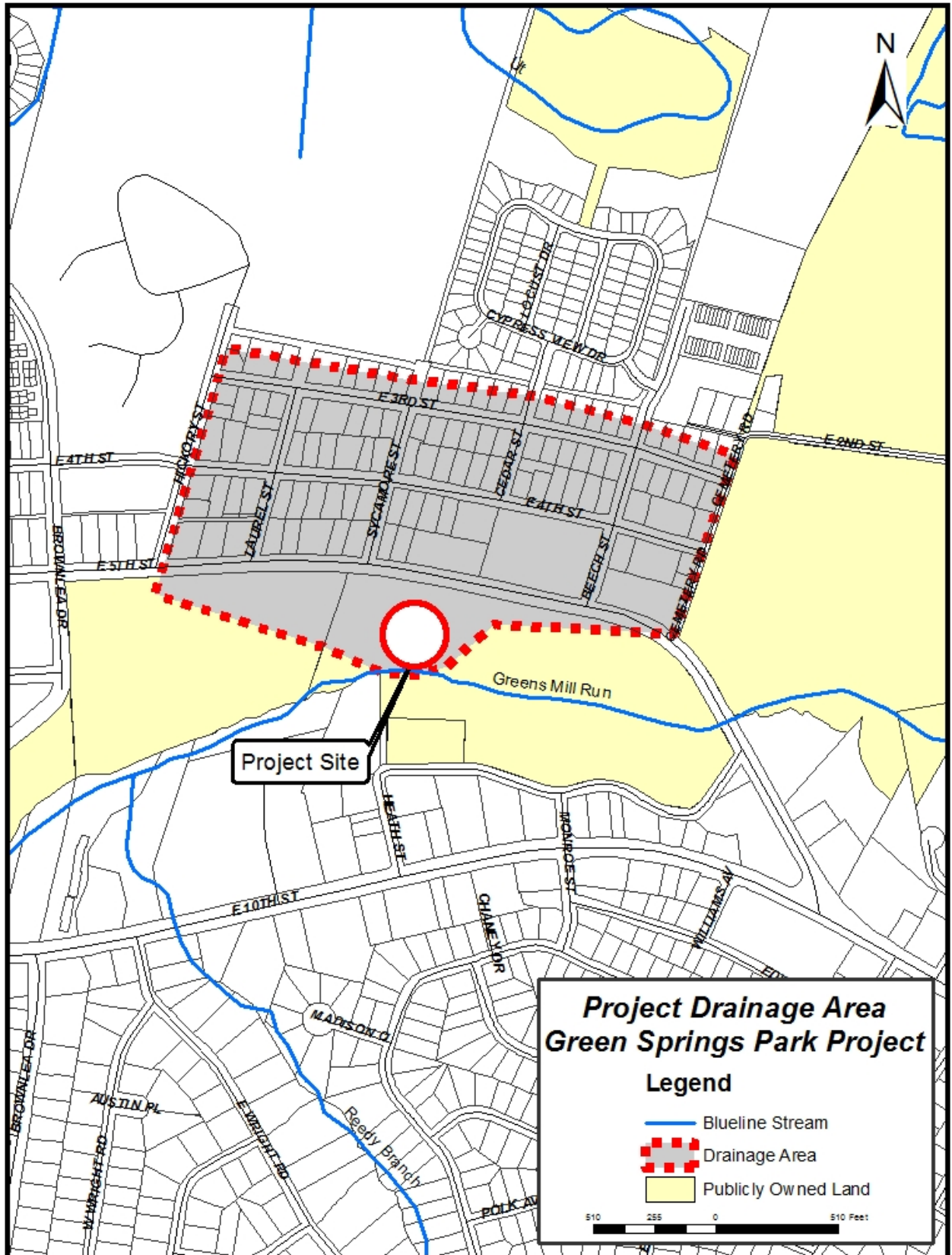
**City of Greenville
Retrofit Opportunity Table**

<i>Project Name</i>	Public Works Facility Sand Filter										
<i>Location description, including directions from a major highway</i>	Take 264 East continuing straight onto Stantonsburg Rd and then continuing straight onto Farmville Blvd. Turn right on 14th St and go 0.5 mile, then right on Beatty St. The facility will be on the right.										
<i>Type and description of retrofit opportunity</i>	Installation of a sand filter structural BMP to treat runoff from existing parking and storage areas used for the Public Works Facility bus line, sanitation line and dead line.										
<i>Current property owner</i>	City of Greenville										
<i>Is the property owner willing to cooperate?</i>	Yes										
<i>Land area available for retrofit (sq. ft)</i>	1600 SF										
<i>Accessibility to retrofit site</i>	City owned facility										
<i>Drainage area size (acres)</i>	3.41 AC										
<i>Land use in drainage area (percent of each type of land use)</i>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Transportation Impervious</td> <td style="text-align: right;">74%</td> </tr> <tr> <td>Roof Impervious</td> <td style="text-align: right;">9%</td> </tr> <tr> <td>Managed Pervious</td> <td style="text-align: right;">15%</td> </tr> <tr> <td>Wooded Pervious</td> <td style="text-align: right;">0%</td> </tr> <tr> <td>BMP Area</td> <td style="text-align: right;">1%</td> </tr> </table>	Transportation Impervious	74%	Roof Impervious	9%	Managed Pervious	15%	Wooded Pervious	0%	BMP Area	1%
Transportation Impervious	74%										
Roof Impervious	9%										
Managed Pervious	15%										
Wooded Pervious	0%										
BMP Area	1%										
<i>Average slope in drainage area (%)</i>	< 0.5%										
<i>Environmentally sensitive areas in drainage area (steep slopes, wetlands, riparian buffers, endangered/ threatened species habitat)</i>	N/A										
<i>Approximate annual nitrogen and phosphorus loading from drainage area (lbs/acre/year) *</i>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Nitrogen</td> <td style="text-align: right;">19.33</td> </tr> <tr> <td>Phosphorus</td> <td style="text-align: right;">1.61</td> </tr> </table>	Nitrogen	19.33	Phosphorus	1.61						
Nitrogen	19.33										
Phosphorus	1.61										
<i>Potential nitrogen reduction (lbs/ac/yr)*</i>	6.93										
<i>Potential phosphorus reduction (lbs/ac/yr)*</i>	0.74										
<i>Estimated cost of retrofit</i>	\$100,000										
<i>Receiving water</i>	Tar River										
<i>DWQ classification of receiving water</i>	C,NSW										
<i>Use support rating for receiving water</i>	FC - Impaired										
<i>Other important information</i>	N/A										
<i>Status</i>	Project location identified by City of Greenville Public Works staff and proposed for FY 2012-13 budget.										
<i>Map</i>	See Attachment										



**City of Greenville
Retrofit Opportunity Table**

<i>Project Name</i>	Green Springs Park										
<i>Location description, including directions from a major highway</i>	Take 264 East to 14 th Street and turn right. At Elm Street take a left. Make a right onto 5 th Street and the Park will be on your right.										
<i>Type and description of retrofit opportunity</i>	Convert a low-lying area in Green Springs Park where a stormwater conveyance (ditch) carries water to Green Mill Run from a downtown neighborhood.										
<i>Current property owner</i>	City of Greenville										
<i>Is the property owner willing to cooperate?</i>	Yes										
<i>Land area available for retrofit (sq. ft)</i>	1.5 AC										
<i>Accessibility to retrofit site</i>	Public Right-of-Way										
<i>Drainage area size (acres)</i>	55.7 AC										
<i>Land use in drainage area (percent of each type of land use)</i>	<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Transportation Impervious</td> <td style="text-align: right;">14%</td> </tr> <tr> <td>Roof Impervious</td> <td style="text-align: right;">31%</td> </tr> <tr> <td>Managed Pervious</td> <td style="text-align: right;">45%</td> </tr> <tr> <td>Wooded Pervious</td> <td style="text-align: right;">08%</td> </tr> <tr> <td>BMP Area</td> <td style="text-align: right;">02%</td> </tr> </table>	Transportation Impervious	14%	Roof Impervious	31%	Managed Pervious	45%	Wooded Pervious	08%	BMP Area	02%
Transportation Impervious	14%										
Roof Impervious	31%										
Managed Pervious	45%										
Wooded Pervious	08%										
BMP Area	02%										
<i>Average slope in drainage area (%)</i>	< 3%										
<i>Environmentally sensitive areas in drainage area (steep slopes, wetlands, riparian buffers, endangered/ threatened species habitat)</i>	N/A										
<i>Approximate annual nitrogen and phosphorus loading from drainage area (lbs/acre/year) *</i>	<table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Nitrogen</td> <td style="text-align: right;">7.99</td> </tr> <tr> <td>Phosphorus</td> <td style="text-align: right;">0.93</td> </tr> </table>	Nitrogen	7.99	Phosphorus	0.93						
Nitrogen	7.99										
Phosphorus	0.93										
<i>Potential nitrogen reduction (lbs/ac/yr)*</i>	3.20										
<i>Potential phosphorus reduction (lbs/ac/yr)*</i>	0.33										
<i>Estimated cost of retrofit</i>	\$45,000.00										
<i>Receiving water</i>	Green Mill Run										
<i>DWQ classification of receiving water</i>	C,NSW										
<i>Use support rating for receiving water</i>	No Data										
<i>Other important information</i>	N/A										
<i>Status</i>	Identified by Tar-Pamlico Local Watersheds Advisory Group in the Green Mill Run Local Watershed Plan – Site Atlas. A funding source for this project has not been identified at this time.										
<i>Map</i>	See Attachment										



VI. PROGRAM ELEMENT: Public Education

**City of Greenville
Public Education Action Report and Plan**

	ACTIVITY	Point Value	# Complete 2011-2012	Actual Points	Actual Costs	# Planned 2012-2013	Estimated Points	Estimated Costs
1	Demonstration Sites (BMPs)	4 /EA	1	4	\$0.00	0	0	\$0.00
2	Newspaper Ads.	2 /EA	0	0	\$0.00	1	2	\$50.00
3	Technical Workshops	4 /EA	0	0	\$0.00	2	8	\$500.00
4	Environmental Contest	4 /EA	0	0	\$0.00	0	0	\$0.00
5	Presentations for Civic Organizations*	1 /EA	12	12	\$185.00	8	8	\$300.00
6	Web Page / Web Site Links	2 /YR	Y	2	\$0.00	Y	2	\$0.00
7	Fact sheets / Brochures* (public places)	2 /YR	Y	2	\$0.00	Y	2	\$2500.00
8	Utility Bill Inserts	3 /YR	N	0	\$0.00	Y	3	\$1500.00
9	Developer Packages	3 /YR	Y	3	\$0.00	Y	3	\$500.00
10	Storm Drain Stenciling	2 /YR	N	0	\$0.00	Y	2	\$150.00
11	Adopt-A-Street	4 /YR	Y	4	\$500.00	Y	4	\$500.00
12	Adopt-A-Stream	4 /YR	N	0	\$0.00	N	0	\$0.00
13	SW Education Grant Program	1 /YR	Y	1	\$1960.00	Y	1	\$2500.00
14	Hotline	3 /YR	Y	3	\$0.00	Y	3	\$0.00
15	Water Quality Reporting Program	3 /YR	N	0	\$0.00	N	0	\$0.00
16	Major Media Advertising	6 /YR	N	0	\$0.00	N	0	\$0.00
17	TV or Radio Spots (City Scene)	3 /YR	Y	3	\$0.00	Y	3	\$0.00
			TOTAL	34	\$2,645	TOTAL	43	\$8,500

*See Appendix C for supporting documentation.

ATTACHMENT A

**(New Development Projects –
Summary Table)**

LOADING SUMMARY CALCULATIONS		
		Units
Sum of All Project Acres Post Development	398.35	Acres
Sum of Nitrogen Load For All Projects Post Development	2990.05	N lbs/yr
N Load per acre per year for all Projects Post Development	7.51	N lbs/ac/yr
Sum of Phosphorus Load For All Projects Post Development	203.51	P lbs/yr
P Load per acre per year for all Projects Post Development	0.51	P lbs/ac/yr

Notes:

1	Summary Table (Table 2) includes all projects approved for construction in the Neuse / Tar-Pamlico River Basin.
2	Project ID's listed in RED are projects located in the Neuse River Basin. These are not included in the Loading Summary Calculations table above.
3	Projects with the Post-Development and Post-BMP Nutrient Export values listed in GREEN utilized the buy-down option for the applicable nutrients.
4	For the purposes of compiling the numbers for the Loading Summary Calculations table above, the final loading amounts account for the resultant loading after offsets for the buy-down projects.
5	Area taken up by BMP was added to the managed pervious area for the reporting of Post Development Project Acreage.

**TAR-PAMLICO STORMWATER RULE
NEW DEVELOPMENTS PROJECTS SUMMARY TABLE
OCTOBER 2011 - SEPTEMBER 2012**

City / County: Greenville / Pitt County

Project ID / Catchment #	SP-2011-066	SP-2011-054	SP-2011-072	SP-2011-060	SP-2010-077	SP-2011-050
	Gouras Walls & Ceilings	Mellow Mushroom	Cedar Grove Missionary Baptist Church	Dollar General on Dickinson Avenue	Hardee Crossing at Portertown	Dollar General on Airport Road
Pre-Development Project Acreage (Acres)						
Transportation Impervious	0.00	21.14	0.27	0.00	10.54	0.08
Roof Impervious	0.00	12.38	0.12	0.02	2.02	0.00
Managed Pervious	2.46	5.75	1.22	1.80	11.25	1.35
Wooded Pervious	0.00	0.00	0.00	0.13	52.60	0.00
Post Development Project Acreage (Acres)						
Transportation Impervious	0.69	21.49	0.67	0.50	33.33	0.58
Roof Impervious	0.35	12.54	0.23	0.21	6.73	0.21
Managed Pervious	1.42	5.24	0.70	1.24	36.44	0.64
Wooded Pervious	0.00	0.00	0.00	0.00	0.00	0.00
Total Project Acres	2.46	39.27	1.61	1.95	76.50	1.42
Predevelopment Nutrient Export						
Nitrogen lbs/year	5.32	722.38	7.26	4.69	310.14	2.93
Nitrogen lbs/acre/year	2.16	18.40	4.52	2.41	4.06	2.06
Phosphorous lbs/year	1.55	57.85	1.10	1.35	76.19	0.85
Phosphorous lbs/acre/year	0.63	1.47	0.69	0.69	1.00	0.59
Post-development & Pre-BMP Nutrient Export						
Nitrogen lbs/year	19.58	736.88	17.96	13.27	799.35	15.52
Nitrogen lbs/acre/year	7.96	18.76	11.18	6.80	10.45	10.91
Phosphorous lbs/year	2.47	58.18	1.97	1.78	91.14	1.72
Phosphorous lbs/acre/year	1.00	1.48	1.22	0.91	1.19	1.21
BMPs Implemented						
Number of BMPs	0	0	0	0	3	1
Post-development & Post-BMP Nutrient Export						
Nitrogen lbs/year	19.58	736.88	17.96	13.27	265.46	8.96
Nitrogen lbs/acre/year	7.96	18.76	11.18	6.80	3.47	6.31
Phosphorous lbs/year	2.47	58.18	1.97	1.78	16.07	0.77
Phosphorous lbs/acre/year	1.00	1.48	1.22	0.91	0.21	0.54

**TAR-PAMLICO STORMWATER RULE
NEW DEVELOPMENTS PROJECTS SUMMARY TABLE
OCTOBER 2011 - SEPTEMBER 2012**

City / County: Greenville / Pitt County

Project ID / Catchment #	SP-2011-077	SP-2011-070	SP-2011-069	SP-2012-021	SP-2012-003	SP-2012-025
	University Medical Park Block A Lot 6	Ellsworth Commons	Addison Place Lots 1-3 & Brighton Park Lots 6-9 (The Heritage)	GUC Northside Pump Station Access Road	Winslow Pointe MFHD	Eastern Urological Associates
Pre-Development Project Acreage (Acres)						
Transportation Impervious	0.87	0	0	0.77	0.23	0.81
Roof Impervious	0.21	0	0.08	0	0.12	0.36
Managed Pervious	1.28	6.22	26.1	50.83	2.20	1.70
Wooded Pervious	2	0.78	57.83	0	19.59	0.00
Post Development Project Acreage (Acres)						
Transportation Impervious	1.1	1.94	12.9	1	3.08	1.27
Roof Impervious	0.35	1.04	7.77	0	2.47	0.48
Managed Pervious	2.67	4.02	9.87	50.6	6.99	1.11
Wooded Pervious	0.24	0	53.46	0	9.61	0.00
Total Project Acres	4.36	7	84.01	51.6	22.14	2.87
Predevelopment Nutrient Export						
Nitrogen lbs/year	17.66	6.85	56.19	140.15	15.18	22.03
Nitrogen lbs/acre/year	4.05	0.98	0.67	2.72	0.67	7.68
Phosphorous lbs/year	2.29	2.02	12.6	40.47	2.32	2.82
Phosphorous lbs/acre/year	0.52	0.29	0.15	0.78	0.10	0.98
Post-development & Pre-BMP Nutrient Export						
Nitrogen lbs/year	26.73	56.03	310.59	51.1	88.99	35.39
Nitrogen lbs/acre/year	6.13	8	3.7	0.99	3.92	12.34
Phosphorous lbs/year	3.64	7.05	37.27	9.85	11.79	3.68
Phosphorous lbs/acre/year	0.83	1.01	0.44	0.19	0.52	1.28
BMPs Implemented						
Number of BMPs	0	1	0	0	2	0
Post-development & Post-BMP Nutrient Export						
Nitrogen lbs/year	26.73	39.76	310.59	51.1	77.27	35.39
Nitrogen lbs/acre/year	6.13	5.68	3.7	0.99	3.49	12.34
Phosphorous lbs/year	3.64	3.92	37.27	9.85	7.31	3.68
Phosphorous lbs/acre/year	0.83	0.56	0.44	0.19	0.33	1.28

**TAR-PAMLICO STORMWATER RULE
NEW DEVELOPMENTS PROJECTS SUMMARY TABLE
OCTOBER 2011 - SEPTEMBER 2012**

City / County: Greenville / Pitt County

Project ID / Catchment #	SP-2012-010 & SP-2012-018	SP-2012-047	SP-2012-053	SP-2012-051	SP-2012-057	
	11 Galleria Retail Lots 5 & 6	Saint Gabriel's Pastoral Life Center	Eastern Nephrology	Johnstone Supply	Advance Home Care	
Pre-Development Project Acreage (Acres)						
Transportation Impervious	24.99	3.54	0.81	0.76	0.82	
Roof Impervious	8.82	0.53	0.41	0.35	0.29	
Managed Pervious	21.03	28.89	1.67	7.87	0.85	
Wooded Pervious	0.00	1.53	0.00	0.00	0	
Post Development Project Acreage (Acres)						
Transportation Impervious	24.81	4.14	1.04	1.06	1.07	
Roof Impervious	4.55	0.89	0.41	0.42	0.38	
Managed Pervious	25.48	27.93	1.44	7.50	0.51	
Wooded Pervious	0.00	1.53	0.00	0.00	0	
Total Project Acres	54.84	34.49	2.89	8.98	1.96	
Predevelopment Nutrient Export						
Nitrogen lbs/year	754.34	137.26	22.97	22.61	22.11	
Nitrogen lbs/acre/year	13.76	3.98	7.94	2.52	11.29	
Phosphorous lbs/year	108.68	35.38	2.90	3.90	2.41	
Phosphorous lbs/acre/year	1.98	1.03	1.00	0.43	1.23	
Post-development & Pre-BMP Nutrient Export						
Nitrogen lbs/year	589.64	98.47	28.18	28.65	30.84	
Nitrogen lbs/acre/year	10.75	2.85	9.74	3.19	15.75	
Phosphorous lbs/year	66.46	16.39	3.28	4.73	2.81	
Phosphorous lbs/acre/year	1.21	0.48	1.13	0.53	1.44	
BMPs Implemented						
Number of BMPs	1	0	1	0	0	
Post-development & Post-BMP Nutrient Export						
Nitrogen lbs/year	450.78	98.47	16.04	28.65	30.84	
Nitrogen lbs/acre/year	8.22	2.85	5.55	3.19	15.75	
Phosphorous lbs/year	43.32	16.39	1.91	4.73	2.81	
Phosphorous lbs/acre/year	0.79	0.48	0.66	0.53	1.44	

ATTACHMENT B

(Illicit Discharge/Connection Violations)



PUBLIC WORKS DEPARTMENT

CITY OF GREENVILLE

P.O. Box 7207

NORTH CAROLINA
27835-7207

CERTIFIED LETTER
7008 2810 0002 2061 4999

NOTICE OF VIOLATION OF THE STORMWATER MANAGEMENT AND CONTROL ORDINANCE

October 26, 2011

Lamar and Samantha Shields
Homeowners
100 Belmont Drive
Greenville, NC 27858

Re: Illicit Discharge at 100 Belmont Drive (PIN # 29116)

Dear Mr. and Mrs. Shields:

This letter is to inform you that 100 Belmont Drive (PIN # 29116), by which you are currently listed as owners was found to be in violation of the City of Greenville Stormwater Management and Control Ordinance of the Greenville City Code. This violation occurred on October 24, 2011 when cut tree branches were observed to have been deposited from your lot and into the drainage ditch located on the northern side property line near the rear NNW corner of your lot. Please see the attached report and photos for more details related to the occurrence.

This was in direct violation of the following section of the Greenville City Code:

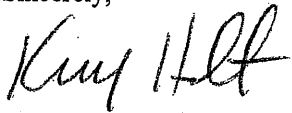
1. (Section 9-9-16(a) of the Greenville City Code) "No person shall cause or allow the discharge, emission, disposal, pouring, or pumping directly or indirectly to any stormwater conveyance, the waters of the State, or upon the land in such proximity to the same (such that the substance is likely to reach a stormwater conveyance or the waters of the State), any fluid, solid, gas, or other substance, other than stormwater."

Immediate action must be taken to remove this debris. Please be advised that continued violations could result in the City assessing fines of up to one hundred dollars (\$100.00) per violation or per day for continuing violations as prescribed by City Ordinance. The intent of this notice is not to levy a fine but to ensure compliance with the intent of the ordinance. **Therefore, within 10 days of receipt of this notice, you must submit a written plan of action to correct the illicit discharge violation.** A copy of the Stormwater Management and Control Ordinance has been attached for your review.

Page 2
October 26, 2011

Should you have any questions concerning this notice, please contact David Fields at (252) 329-4681 or me at (252) 329-4350. Your assistance regarding this matter is appreciated.

Sincerely,



Kinsey Holton, PE, Civil Engineer II

dpf

Attachments: Illicit Discharge Report
Stormwater Management and Control Ordinance
Photographs of Illicit Discharge

cc: Wesley B. Anderson, Director of Public Works
Scott Godefroy, PE, City Engineer
Lisa Ann Kirby, PE, Senior Engineer
File

**City of Greenville
Engineering Division**

Note: Shaded areas
should be filled in
before going out to field



**WATER QUALITY COMPLAINT /
INSPECTION RECORD**

Complainant's Description of Problem and Location:

Description: Branches cut from trees have been deposited in stream and on slope.

Location: 100 Belmont Drive in southern side ditch/Stream near the rear NW property corner

Complaint from:
Name: Daniel Fields
Address: 1500 Reatty Street
Greenville, NC 27824
Home Phone #: _____
Work Phone #: (252) 329-4681
Other: cell# (252) 367-5271
(pager, e-mail, etc.)

Complaint Date and Source:
Call date: _____
Time: _____
 Hotline Eng. Staff
 Walk-In Emerg. Mgt.
 Call In Health Dept.
 DWQ Erosion Ctrl.
 Other City employee
 Other _____

First Callback:
Date: _____
Time: _____
Results Callback:
Date: _____
 Phone
 Letter
 In Person

Investigation:
Date: 10/26/11
Time: 1:30 pm
Duration: _____
Team (initials of staff):
 DB KQ
 LS CJ
 TC VL
 other DF

Field Observations (if different):

Investigator's Description: _____
Street Address (Nearest): _____

Property Type:
 Public Commercial
 Residential Industrial
 Unimproved

Observations:
 Sheen _____
 Odor _____
 Floatables _____
 Other Tree branches w/ leaves

Drainage Basin:
Crk _____
Sub-Basin
 Flow reached storm drain?
 Flow reached creek?

Probable Source of Water Quality Problem (check main items that apply):

Construction Erosion & Sed:
 Controls not provided
 Controls not maintained
 Sediment in drainage system
On-site sewage treatment:
 Discharging sand filter system
 Failing septic leachfield
 Piping failure, leak, etc (on-site only)
 Laundry discharge (household)

City Sanitary Sewer System:
 Overflow
 Leak (small flow)
 Break (large flow)
 Other _____
Manhole: Up-MH: _____
Down-MH: _____
Private Connection to City System:
 Sewer lateral (house/duplex)
 Sewer lateral (apart/commercial)
Other:
 Illicit Connection

Yard wastes/leaves - Branches w/ leaves
 Source Unknown
 Water Leak
 Other WQ Prob (see details)
 No WQ Problem Found
 Drainage Problem _____
 Paint spill/release/dumping
 Grease/Cooking oil/food wastes
 Improper Housekeeping
 Trash/Garbage in Channel
 Contaminated Groundwater
 Petroleum spill/release

Details, Sample Locations, Findings, Actions:

Returned on Wed. 10/26/11 at approx. 1:50 pm as stated on door hanger that was left on Mon. 10/24/11. The branches have not been removed from the ditch. ~~NOV~~ NOV will be sent as stated in the door hanger that was left

Continue on back, if necessary

Need NOV? Date Sent 10/27/11
NOV Sent to (usu. Prpty Owner):
Laura & Samantha Shields
Mailing Address:
100 Belmont Drive
Greenville, NC 27858

Departments copied on NOV:
 Health Dept. Land Qual
 GUC DOT
 Pitt Co. Other: _____

Photo File Name: _____
Respond to Complainant By:
(date) _____
 Phone Letter In Person

**City of Greenville
Engineering Division**

Note: Shaded areas
should be filled in
before going out to field



**WATER QUALITY COMPLAINT /
INSPECTION RECORD**

Complainant's Description of Problem and Location:

Description: Tree branches/trimmings have been deposited in stream and on side slopes.

Location: 100 Belmont Drive (Rear side of lot in stream) Northern property line

Complaint from:

Name: Pablo Manuel

Address: 1500 Bently Street

Home Phone #: 2

Work Phone #: (252) 329-4522

Other: _____
(pager, e-mail, etc.)

Complaint Date and Source:

Call date: 10/24/11

Time: 10:30

- Hotline Eng. Staff
- Walk-In Emerg. Mgt.
- Call In Health Dept.
- DWQ Erosion Ctrl.
- Other City employee
- Other _____

First Callback:

Date: _____

Time: _____

Results Callback:

Date: _____

Phone

Letter

In Person

Investigation:

Date: 10/24/11

Time: 11:00 AM

Duration: _____

Team (initials of staff):

DB KQ

LS CJ

TC VL

other P, DF

Field Observations (if different):

Investigator's Description: Cut branches in stream along Northern side of house property line.

Street Address (Nearest): Belmont Drive off of Emerson Drive

Property Type:

- Public Commercial
- Residential Industrial
- Unimproved

Observations:

- Sheen _____
- Odor _____
- Floatables _____
- Other Tree branches w/ leaves

Drainage Basin:

- Crk _____
- Sub-Basin
- Flow reached storm drain?
- Flow reached creek?

Probable Source of Water Quality Problem (check main items that apply):

Construction Erosion & Sed:

- Controls not provided
- Controls not maintained
- Sediment in drainage system

On-site sewage treatment:

- Discharging sand filter system
- Failing septic leachfield
- Piping failure, leak, etc (on-site only)
- Laundry discharge (household)

City Sanitary Sewer System:

- Overflow
- Leak (small flow)
- Break (large flow)
- Other _____
- Manhole: Up-MH: _____
Down-MH: _____

Private Connection to City System:

- Sewer lateral (house/duplex)
- Sewer lateral (apart/commercial)
- Other: _____
- Illicit Connection

Yard wastes/leaves

- Source Unknown
- Water Leak
- Other WQ Prob (see details)
- No WQ Problem Found
- Drainage Problem _____
- Paint spill/release/dumping
- Grease/Cooking oil/food wastes
- Improper Housekeeping
- Trash/Garbage in Channel
- Contaminated Groundwater
- Petroleum spill/release

Details, Sample Locations, Findings, Actions:

Cut tree branches w/ leaves have been placed in stream and on stream slopes. See Attached photos. Left door hanger on front door giving 48 hrs./2 days to correct/remove branches from stream and slopes.

Initially reported by city employee cleaning the city ditches and streams, Victor Long with the City of Greenville was informed by Pablo Manuel and observed the debris upon arrival to property at approx 11:00 AM. I, David Fields arrived on site at 2:00 pm 10/24/11.

Continue on back, if necessary

Need NOV? Date Sent _____

Departments copied on NOV:

NOV Sent to (usu. Prpty Owner): _____

Health Dept. Land Qual

Photo File Name: 100 Belmont Dr

Mailing Address: _____

GUC DOT

Respond to Complainant By: _____
(date) _____

Pitt Co. Other: _____

Phone Letter In Person

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 3rd Street Diesel Spill - Removal Polrep
 Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region IV

Subject: POLREP #1
 Initial
 3rd Street Diesel Spill

 Greenville, NC
 Latitude: 35.6142814 Longitude: -77.3787854

To:
From: Kenneth Rhame, OSC
Date: 12/29/2011
Reporting Period: 12/28/2011 through 12/29/2011

1. Introduction

1.1 Background

Site Number:		Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	12/28/2011	Start Date:	12/28/2011
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Emergency response

1.1.2 Site Description

Diesel fuel is impacting the Tar River as a result of suspected illegal dumping to a storm drain .5 miles from the river.

1.1.2.1 Location

3rd Street and Plant Street
 Greenville, NC 27858

Latitude: 35.6142814

Longitude: -77.3787854

1.1.2.2 Description of Threat

Diesel fuel impacting the Tar River.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Upon arriving at the site at 2000 hours EPA observed a stained storm drain grate and stained asphalt at

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

- Continue with anticipated activities
- Assess condition of Tar River at first light.

2.2.2 Issues

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.

City of Greenville
Engineering Division

Note: Shaded areas
should be filled in
before going out to field



**WATER QUALITY COMPLAINT /
INSPECTION RECORD**

Complainant's Description of Problem and Location:

Description: Oil Drain Pan with oil in curb on May St. Approx 1 quart spilled.
Location: 2300 June St. (Corner Lot) Oil Drain Pan in curb on May St.

Complaint from: Name: <u>Citizen Call In</u> Address: _____ Home Phone #: _____ Work Phone #: _____ Other: _____ <small>(pager, e-mail, etc.)</small>	Complaint Date and Source: Call date: <u>1/24/12</u> Time: <u>14:15</u> <input type="checkbox"/> Hotline <input checked="" type="checkbox"/> Eng. Staff <input type="checkbox"/> Walk-In <input type="checkbox"/> Emerg. Mgt. <input type="checkbox"/> Call In <input type="checkbox"/> Health Dept. <input type="checkbox"/> DWQ <input type="checkbox"/> Erosion Ctrl. <input type="checkbox"/> Other City employee <input type="checkbox"/> Other _____	First Callback: Date: _____ Time: _____ Results Callback: Date: _____ <input type="checkbox"/> Phone <input type="checkbox"/> Letter <input type="checkbox"/> In Person	Investigation: Date: <u>1/24/12</u> Time: <u>14:50</u> Duration: <u>1hr.</u> Team (initials of staff): <input type="checkbox"/> DB <input type="checkbox"/> KQ <input type="checkbox"/> LS <input type="checkbox"/> CJ <input type="checkbox"/> TC <input type="checkbox"/> VL <input checked="" type="checkbox"/> Other <u>DF</u>
---	--	--	--

Field Observations (if different):
Investigator's Description: Oil drain pan in curb. No one or vehicles near by.
Street Address (Nearest): 2300 June St.

Property Type: <input checked="" type="checkbox"/> Public <input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Unimproved	Observations: <input type="checkbox"/> Sheen <input type="checkbox"/> Odor <input type="checkbox"/> Floatables .. <input checked="" type="checkbox"/> Other <u>Used Motor Oil</u>	Drainage Basin: Crk _____ Sub-Basin <u>Did not reach.</u> <input type="checkbox"/> Flow reached storm drain? <input type="checkbox"/> Flow reached creek?
---	---	---

Probable Source of Water Quality Problem (check main items that apply): Construction Erosion & Sed: <input type="checkbox"/> Controls not provided <input type="checkbox"/> Controls not maintained <input type="checkbox"/> Sediment in drainage system On-site sewage treatment: <input type="checkbox"/> Discharging sand filter system <input type="checkbox"/> Failing septic leachfield <input type="checkbox"/> Piping failure, leak, etc (on-site only) <input type="checkbox"/> Laundry discharge (household)	City Sanitary Sewer System: <input type="checkbox"/> Overflow <input type="checkbox"/> Leak (small flow) <input type="checkbox"/> Break (large flow) <input type="checkbox"/> Other _____ Manhole: Up-MH: _____ Down-MH: _____ Private Connection to City System: <input type="checkbox"/> Sewer lateral (house/duplex) <input type="checkbox"/> Sewer lateral (apart/commercial) Other: <input type="checkbox"/> Illicit Connection	<input type="checkbox"/> Yard wastes/leaves <input type="checkbox"/> Source Unknown <input type="checkbox"/> Water Leak <input type="checkbox"/> Other WQ Prob (see details) <input type="checkbox"/> No WQ Problem Found <input type="checkbox"/> Drainage Problem <input type="checkbox"/> Paint spill/release/dumping <input type="checkbox"/> Grease/Cooking oil/food wastes <input type="checkbox"/> Improper Housekeeping <input type="checkbox"/> Trash/Garbage in Channel <input type="checkbox"/> Contaminated Groundwater <input checked="" type="checkbox"/> Petroleum spill/release
---	---	--

Details, Sample Locations, Findings, Actions:
Received call from Citizen about oil and container in curb about 14:15 on 1/24/12. Arrived on site at approx. 14:30 to find an oil drain pan with used motor oil in curbing. Container was near full with approx. one quart spilled in portion of street and curb. Adjacent businesses informed it was not theirs and saw no one dumping. Appeared to have possibly sllid out of a vehicle. Carried filled container to PWD Garage to properly dispose and removed oil from road and curb with oil dry. Spill did not get to nearby storm drain.

Continue on back, if necessary

<input type="checkbox"/> Need NOV? Date Sent _____	Departments copied on NOV: <input type="checkbox"/> Health Dept. <input type="checkbox"/> Land Qual <input type="checkbox"/> GUC <input type="checkbox"/> DOT <input type="checkbox"/> Pitt Co. <input type="checkbox"/> Other: _____	Photo File Name: <u>May Street Oil Spill</u> Respond to Complainant By: _____ (date) _____ <input type="checkbox"/> Phone <input type="checkbox"/> Letter <input type="checkbox"/> In Person
--	--	---



PUBLIC WORKS DEPARTMENT

CITY OF GREENVILLE

P.O. Box 7207

NORTH CAROLINA
27835-7207

CERTIFIED LETTER
7008 2810 0002 2061 1615

NOTICE OF VIOLATION OF THE STORMWATER MANAGEMENT AND CONTROL ORDINANCE

February 23, 2012

Mr. C. V. Bowers
C. V. Bowers, LLC
6513 Highway 33 East
1604 South Elm Street
Greenville, NC 27858

Re: Illicit Discharge at 1026 W.H. Smith Blvd. (PIN # 79905)

Dear Mr. Bowers:

This letter is to inform you that at 1026 W. H. Smith Boulevard (PIN # 79905), by which your company was confirmed as the lawn maintenance company was found to be in violation of the City of Greenville Stormwater Management and Control Ordinance of the Greenville City Code. This violation occurred on January 26, 2012 when our office received a complaint about cut tree branches and grass clippings being deposited from this lot and into the drainage ditch located at the rear south west side of this property. Please see the attached report and photos from our inspection for more details related to the occurrence.

This was in direct violation of the following section of the Greenville City Code:

1. (Section 9-9-16(A) of the Greenville City Code) "No person shall cause or allow the discharge, emission, disposal, pouring, or pumping directly or indirectly to any stormwater conveyance, the waters of the State, or upon the land in such proximity to the same (such that the substance is likely to reach a stormwater conveyance or the waters of the State), any fluid, solid, gas, or other substance, other than stormwater."

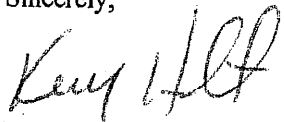
In order to avoid future violations, the City is requesting your company's lawn debris be disposed of in a proper manner. I would request that upon receipt of this letter, you inform your employees of Section 9-9-16(A) of the City Code, and train your employees on the proper disposal of such materials.

Please be advised that continued violations could result in the City assessing fines of up to one hundred dollars (\$100.00) per violation or per day for continuing violations as prescribed by City Ordinance. The intent of this notice is not to levy a fine but to ensure compliance with the intent of the ordinance. A copy of the Stormwater Management and Control Ordinance has been attached for your review.

Page 2
October 26, 2011

Should you have any questions concerning this notice, please contact David Fields at (252) 329-4681 or myself at (252) 329-4350. Your assistance regarding this matter is appreciated.

Sincerely,



Kinsey Holton, PE, Civil Engineer II

dpf

Attachments: Illicit Discharge Report
Stormwater Management and Control Ordinance
Photographs of Illicit Discharge

cc: Wesley B. Anderson, Director of Public Works
Scott Godefroy, PE, City Engineer
Lisa Ann Kirby, PE, Senior Engineer
File

**City of Greenville
Engineering Division**

Note: Shaded areas
should be filled in
before going out to field



**WATER QUALITY COMPLAINT /
INSPECTION RECORD**

Complainant's Description of Problem and Location:

Description: Lawn debris deposited in ditch behind Dr. Anthony Murray's office

Location: _____

Complaint from:

Name: Anonymous

Address: _____

Home Phone #: _____

Work Phone #: _____

Other: _____

(pager, e-mail, etc.)

Complaint Date and Source:

Call date: _____

Time: _____

- Hotline Eng. Staff
 Walk-In Emerg. Mgt.
 Call In Health Dept.
 DWQ Erosion Ctrl.
 Other City employee
 Other _____

First Callback:

Date: _____

Time: _____

Results Callback:

Date: _____

Phone

Letter

In Person

Investigation:

Date: 2/2/12

Time: 15:00

Duration: 30 min.

Team (initials of staff):

DB KQ

LS CJ

TC VL

other DF

Field Observations (if different):

Investigator's Description: Grass clippings, mulch and tree/shrub trimmings in ditch.

Street Address (Nearest): _____

Property Type:

- Public Commercial
 Residential Industrial
 Unimproved

Observations:

- Sheen
 Odor
 Floatables ..
 Other Lawn debris

Drainage Basin:

- Crk _____
 Sub-Basin _____
 Flow reached storm drain?
 Flow reached creek?

Probable Source of Water Quality Problem (check main items that apply):

Construction Erosion & Sed:

- Controls not provided
 Controls not maintained
 Sediment in drainage system

On-site sewage treatment:

- Discharging sand filter system
 Failing septic leachfield
 Piping failure, leak, etc (on-site only)
 Laundry discharge (household)

City Sanitary Sewer System:

- Overflow
 Leak (small flow)
 Break (large flow)
 Other _____
 Manhole: Up-MH: _____
 Down-MH: _____

Private Connection to City System:

- Sewer lateral (house/duplex)
 Sewer lateral (apart/commercial)

Other:

- Illicit Connection

Yard wastes/leaves

- Source Unknown
 Water Leak
 Other WQ Prob (see details)
 No WQ Problem Found
 Drainage Problem _____
 Paint spill/release/dumping
 Grease/Cooking oil/food wastes
 Improper Housekeeping
 Trash/Garbage in Channel
 Contaminated Groundwater
 Petroleum spill/release

Details, Sample Locations, Findings, Actions:

Inspected ditch behind 1026 W.H. Smith Blvd. Found that grass clippings, mulch and tree trimmings from lawn maintenance have been deposited into the ditch. Trimmings and mulch are from the 1026 W.H. Smith property.

Continue on back, if necessary

Need NOV? Date Sent _____

Departments copied on NOV:

NOV Sent to (usu. Prpty Owner): _____

- Health Dept. Land Qual

Photo File Name: 1026 WH Smith

Mailing Address: _____

- GUC DOT

Respond to Complainant By: _____
(date)

- Pitt Co. Other: _____

- Phone Letter In Person



PUBLIC WORKS DEPARTMENT

CITY OF GREENVILLE

P.O. Box 7207

NORTH CAROLINA
27835-7207

CERTIFIED LETTER
7007 3020 0001 2418 2665

NOTICE OF VIOLATION OF THE STORMWATER MANAGEMENT AND CONTROL ORDINANCE

February 29, 2012

Mr. Mario Rodriguez
Mi Cabana Restaurant
2433 Charles Boulevard Apartment #33
Greenville, NC 27858

RE: ILLICIT DISCHARGE AT 333 EAST ARLINGTON BLVD. (PIN # 14124)

Dear Mr. Rodriguez:

This letter is to inform you that the Mi Cabana located at 333 East Arlington Boulevard (PIN # 14124) was found to be in violation of the City of Greenville Stormwater Management and Control Ordinance of the Greenville City Code. This violation occurred on February 23, 2012 and again on February 27, 2012 when city staff observed cleaning chemicals, grease, and cooking oils and contaminants from kitchen cleaning had migrated from the undersized wash down containment area located in the access alley at the rear of the building. These containments along with the wash and mop water are draining down the rear alley way and eventually into the city's storm drain system. These contaminate are also pooling in areas of the alley and could be considered a public health hazard that may require the involvement of the local health department. Please see the attached report and photos from our inspection for more details related to the occurrence.

This was in direct violation of the following section of the Greenville City Code:

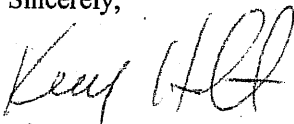
1. (Section 9-9-16(A) of the Greenville City Code) "No person shall cause or allow the discharge, emission, disposal, pouring, or pumping directly or indirectly to any stormwater conveyance, the waters of the State, or upon the land in such proximity to the same (such that the substance is likely to reach a stormwater conveyance or the waters of the State), any fluid, solid, gas, or other substance, other than stormwater."

Immediate action must be taken to eliminate such discharges and prevent any further cleaning chemicals and contaminants from discharging into the alleyway that ultimately leads to the City's storm drain system. Please be advised that continued violations could result in the City assessing fines of up to one hundred dollars (\$100.00) per violation or per day for continuing violations as prescribed by City Ordinance. The intent of this notice is not to levy a fine but to ensure compliance with the intent of the ordinance. **Therefore, within 10 days of receipt of this notice, you must submit a written plan of action to correct the illicit discharge violation.** A copy of the Stormwater Management and Control Ordinance has been attached for your review.

Page 2
February 29, 2012

Should you have any questions concerning this notice, please contact David Fields at (252) 329-4681 or myself at (252) 329-4350. Your immediate attention in this matter is appreciated.

Sincerely,



Kinsey Holton, PE, Civil Engineer II

dpf

Attachments: Illicit Discharge Report
Stormwater Management and Control Ordinance
Photographs of Illicit Discharge

cc: W. H. Collier, III, Property Owner – 307 Wesley Rd, Greenville, NC 27858
Pitt County Health Dept. – Env. Services Division – 1717 W 5th St, Greenville, NC 27834
Scott Godefroy, PE, City Engineer/ Interim Director of Public Works (*via email*)
Lisa Ann Kirby, PE, Senior Engineer (*via email*)
File Copy

**City of Greenville
Engineering Division**

Note: Shaded areas
should be filled in
before going out to field



**WATER QUALITY COMPLAINT /
INSPECTION RECORD**

Complainant's Description of Problem and Location:

Description: Cleaning chemicals, Grease, cooking oil and containers draining down alley
Location: Mi Cabana Restaurant located at 333 E. Arlington Blvd.

Complaint from:
Name: N/A
Address: _____
Home Phone #: _____
Work Phone #: _____
Other: _____
(pager, e-mail, etc.)

Complaint Date and Source:
Call date: 2/23/12
Time: 15:00
 Hotline Eng. Staff
 Walk-In Emerg. Mgt.
 Call In Health Dept.
 DWQ Erosion Ctrl.
 Other City employee
 Other _____

First Callback:
Date: _____
Time: _____
Results Callback:
Date: _____
 Phone
 Letter
 In Person

Investigation:
Date: 2/23/12
Time: 16:00
Duration: 1.0 hr
Team (initials of staff):
 DB KQ
 LS CJ
 TC VL
 Other DF/KH

Field Observations (if different):

Investigator's Description: Contaminates from wash out area migrating through alleys
Street Address (Nearest): 333 East Arlington Blvd.

Property Type:
 Public Commercial
 Residential Industrial
 Unimproved

Observations:
 Sheen _____
 Odor _____
 Floatables _____
 Other _____

Drainage Basin:
Crk _____
Sub-Basin _____
 Flow reached storm drain?
 Flow reached creek?

Probable Source of Water Quality Problem (check main items that apply):

Construction Erosion & Sed:
 Controls not provided
 Controls not maintained
 Sediment in drainage system
On-site sewage treatment:
 Discharging sand filter system
 Failing septic leachfield
 Piping failure, leak, etc (on-site only)
 Laundry discharge (household)

City Sanitary Sewer System:
 Overflow
 Leak (small flow)
 Break (large flow)
 Other _____
Manhole: Up-MH: _____
Down-MH: _____
Private Connection to City System:
 Sewer lateral (house/duplex)
 Sewer lateral (apart/commercial)
Other:
 Illicit Connection

Yard wastes/leaves
 Source Unknown
 Water Leak
 Other WQ Prob (see details)
 No WQ Problem Found
 Drainage Problem
 Paint spill/release/dumping
 Grease/Cooking oil/food wastes
 Improper Housekeeping
 Trash/Garbage in Channel
 Contaminated Groundwater
 Petroleum spill/release

Details, Sample Locations, Findings, Actions:

Observed contaminates draining down alley way from the Mi Cabana Restaurant located at 333 E. Arlington Blvd. Recorded pictures of incident on 2/23/12. Contaminates coming from wash down area at rear of bldg. Returned on 2/28/12 to observe same occurrences taking place. This is a continuing problem

Continue on back, if necessary

Need NOV? Date Sent 2/29/12

Departments copied on NOV:

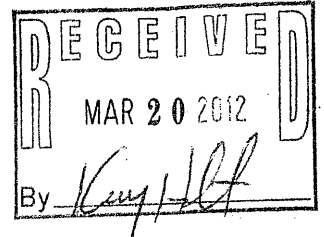
NOV Sent to (usu. Prpty Owner):
Marie Rodriguez / cu: PO
Mailing Address:
2435 Charles Blvd. Apt. #53
Greenville, NC 27658

Health Dept. Land Qual
 GUC DOT
 Pitt Co. Other: _____

Photo File Name: Mi Cabana

Respond to Complainant By:
(date) 10 days of receipt
 Phone Letter In Person

307 Wesley Road
Greenville, NC 27858
March 16, 2012



Mr. Kinsey Holton
Public Works Department
P. O. Box 7207
City of Greenville

RE: Illicit Discharge at 333 Arlington Blvd. (PIN #14124)

Dear Sir:

We have notified our cleaning company, who was cleaning hood vents and filters behind our restaurant building and causing a standing grease/water problem, that they can no longer clean the filters in this area.

We have also informed the cleaning crew that all dirty water must be poured in the janitorial catch basin and cannot overflow the basin.

We expect these two problems will be eliminated by the above precautions. Thank you for your help and understanding in this matter.

Sincerely,

Mario Rodriguez, Owner
Mi Cabana Restaurant

A handwritten signature in black ink that reads "MARIO" followed by a stylized, cursive flourish.

William H. Collier, Property Owner
333 Arlington Blvd

A handwritten signature in black ink that reads "W. H. Collier" in a cursive script.



PUBLIC WORKS DEPARTMENT

CITY OF GREENVILLE

P.O. Box 7207

NORTH CAROLINA
27835-7207

CERTIFIED LETTER
7007 3020 0001 2418 2672

NOTICE OF VIOLATION OF THE STORMWATER MANAGEMENT AND CONTROL ORDINANCE

February 29, 2012

RAQUEL ONATE

Mr. ~~Mario Rodriguez~~
La Ribera Mexican Restaurant
797 Lauras Lane
Albemarle, NC 28001

RE: ILLICIT DISCHARGE AT 656 EAST ARLINGTON BLVD. (PIN # 38178)

ONATE
Dear Ms. ~~Rodriguez~~:

This letter is to inform you that the La Ribera Mexican Restaurant located at 656 East Arlington Boulevard (PIN # 38178) was found to be in violation of the City of Greenville Stormwater Management and Control Ordinance of the Greenville City Code. This violation occurred on February 29, 2012 when city staff observed La Ribera personnel washing down shelving outside of the designated wash down area located in the access alley at the rear of the building. It was also observed upon further investigation that the cleaning chemicals, grease, cooking oils and contaminates from kitchen cleaning had migrated away from the wash down containment area with the wash water. These containments along with the wash and mop water are draining down the rear alley way and into the parking lot area entering the storm drain system at two separate locations. These contaminate are also pooling in areas of the alley and could be considered a public health hazard that may require the involvement of the local health department. Please see the attached report and photos from our inspection for more details related to the occurrence.

This was in direct violation of the following section of the Greenville City Code:

1. (Section 9-9-16(A) of the Greenville City Code) "No person shall cause or allow the discharge, emission, disposal, pouring, or pumping directly or indirectly to any stormwater conveyance, the waters of the State, or upon the land in such proximity to the same (such that the substance is likely to reach a stormwater conveyance or the waters of the State), any fluid, solid, gas, or other substance, other than stormwater."

Immediate action must be taken to eliminate such discharges and prevent any further cleaning chemicals and contaminates from discharging into the storm drain system. Please be advised that continued violations could result in the City assessing fines of up to one hundred dollars (\$100.00) per violation or per day for continuing violations as prescribed by City Ordinance. The intent of this notice is not to levy a fine but to ensure compliance with the intent of the ordinance. **Therefore, within 10 days of receipt of this notice, you must submit a written plan of action to correct the illicit discharge violation.** A copy of the Stormwater Management and Control Ordinance has been attached for your review.

Page 2
February 29, 2012

Should you have any questions concerning this notice, please contact David Fields at (252) 329-4681 or myself at (252) 329-4350. Your immediate attention in this matter is appreciated.

Sincerely,



Kinsey Holton, PE, Civil Engineer II

dpf

Attachments: Illicit Discharge Report
Stormwater Management and Control Ordinance
Photographs of Illicit Discharge

cc: Amelia Kendrick, Property Owner – 905 SE Greenville Boulevard, Greenville, NC 27858
Pitt County Health Dept. – Env. Services Division – 1717 W 5th St, Greenville, NC 27834
Scott Godefroy, PE, City Engineer/ Interim Director of Public Works (*via email*)
Lisa Ann Kirby, PE, Senior Engineer (*via email*)
File Copy

Note: Shaded areas
should be filled in
before going out to field



**WATER QUALITY COMPLAINT /
INSPECTION RECORD**

Complainant's Description of Problem and Location:

Description: Cleaning chemicals, grease, cooking oils and contaminants in alley and parking lot
Location: 656 E. Arlington Blvd. in Alley way, La Ribera Mexican Restaurant

Complaint from: Name: <u>N/A</u> Address: _____ Home Phone #: _____ Work Phone #: _____ Other: _____ (pager, e-mail, etc.)	Complaint Date and Source: Call date: _____ Time: _____ <input type="checkbox"/> Hotline <input type="checkbox"/> Eng. Staff <input type="checkbox"/> Walk-In <input type="checkbox"/> Emerg. Mgt. <input type="checkbox"/> Call In <input type="checkbox"/> Health Dept. <input type="checkbox"/> DWQ <input type="checkbox"/> Erosion Ctrl. <input type="checkbox"/> Other City employee <input checked="" type="checkbox"/> Other _____	First Callback: Date: _____ Time: _____ Results Callback: Date: _____ <input type="checkbox"/> Phone <input type="checkbox"/> Letter <input type="checkbox"/> In Person	Investigation: Date: <u>3/29/12</u> Time: _____ Duration: _____ Team (initials of staff): <input type="checkbox"/> DB <input type="checkbox"/> KQ <input type="checkbox"/> LS <input type="checkbox"/> CJ <input type="checkbox"/> TC <input type="checkbox"/> VL <input checked="" type="checkbox"/> Other <u>DF</u>
---	---	--	---

Field Observations (if different):

Investigator's Description: Observed employee washing equipment outside of designated area.
Street Address (Nearest): 656 E. Arlington Blvd.

Property Type: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Unimproved	Observations: <input checked="" type="checkbox"/> Sheen <input checked="" type="checkbox"/> Odor <input type="checkbox"/> Floatables .. <input type="checkbox"/> Other	Drainage Basin: Crk _____ Sub-Basin _____ <input checked="" type="checkbox"/> Flow reached storm drain? <input type="checkbox"/> Flow reached creek?
--	---	---

Probable Source of Water Quality Problem (check main items that apply): Construction Erosion & Sed: <input type="checkbox"/> Controls not provided <input type="checkbox"/> Controls not maintained <input type="checkbox"/> Sediment in drainage system On-site sewage treatment: <input type="checkbox"/> Discharging sand filter system <input type="checkbox"/> Failing septic leachfield <input type="checkbox"/> Piping failure, leak, etc (on-site only) <input type="checkbox"/> Laundry discharge (household)	City Sanitary Sewer System: <input type="checkbox"/> Overflow <input type="checkbox"/> Leak (small flow) <input type="checkbox"/> Break (large flow) <input type="checkbox"/> Other _____ Manhole: Up-MH: _____ Down-MH: _____ Private Connection to City System: <input type="checkbox"/> Sewer lateral (house/duplex) <input type="checkbox"/> Sewer lateral (apart/commercial) Other: <input type="checkbox"/> Illicit Connection	<input type="checkbox"/> Yard wastes/leaves <input type="checkbox"/> Source Unknown <input type="checkbox"/> Water Leak <input type="checkbox"/> Other WQ Prob (see details) <input type="checkbox"/> No WQ Problem Found <input type="checkbox"/> Drainage Problem _____ <input type="checkbox"/> Paint spill/release/dumping <input checked="" type="checkbox"/> Grease/Cooking oil/food wastes <input checked="" type="checkbox"/> Improper Housekeeping <input type="checkbox"/> Trash/Garbage in Channel <input type="checkbox"/> Contaminated Groundwater <input type="checkbox"/> Petroleum spill/release
--	--	---

Details, Sample Locations, Findings, Actions:

Observed a restaurant employee washing kitchen equipment outside of designated area in alley way. Found contaminants listed above in alley and parking lot. Contaminates have entered storm drain.

Continue on back, if necessary

<input checked="" type="checkbox"/> Need NOV? Date Sent <u>3/1/12</u> NOV Sent to (usu. Prpty Owner): <u>Maria Rodriguez c/o KRM, LLC</u> Mailing Address: <u>797 Laurens Ave</u> <u>Albemarle, NC 28001</u>	Departments copied on NOV: <input checked="" type="checkbox"/> Health Dept. <input type="checkbox"/> Land Qual <input type="checkbox"/> GUC <input type="checkbox"/> DOT <input type="checkbox"/> Pitt Co. <input type="checkbox"/> Other: _____	Photo File Name: _____ Respond to Complainant By: (date) _____ <input type="checkbox"/> Phone <input type="checkbox"/> Letter <input type="checkbox"/> In Person
--	---	---



PUBLIC WORKS DEPARTMENT

CITY OF GREENVILLE

P.O. Box 7207

NORTH CAROLINA
27835-7207

CERTIFIED LETTER
7004 1160 0004 5842 9708

NOTICE OF VIOLATION OF THE STORMWATER MANAGEMENT AND CONTROL ORDINANCE

May 2, 2012

Mr. Joshua Sweezy
Meineke Car Care Center
730 West Fire Tower Road
Winterville, NC 28590
(252) 481-5883

RE: ILLICIT DISCHARGE OF OIL AND LUBRICANTS INTO THE STORMWATER WET DETENTION BASIN AT 730 WEST FIRE TOWER ROAD

Dear Mr. Sweezy:

This letter is to inform you that the Meineke Car Care Center located at 730 West Fire Tower Road (PIN # 71583) was found to be in violation of the City of Greenville Stormwater Management and Control Ordinance of the Greenville City Code. This violation occurred on April 30, 2012 when city staff observed oil, lubricants and other vehicle fluids discharging from the open containers where used filters and other vehicular engine parts are disposed. These open containers are located in the dumpster pad area at the rear northwest corner of the property and are discharging into an adjacent catch basin that outfalls directly into the wet detention basin stormwater BMP. See the attached report from our inspection for more details related to the occurrence.

This was in direct violation of the following section of the Greenville City Code:

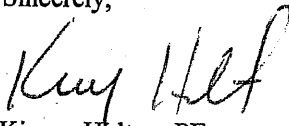
1. (Section 9-9-16(A) of the Greenville City Code) "No person shall cause or allow the discharge, emission, disposal, pouring, or pumping directly or indirectly to any stormwater conveyance, the waters of the State, or upon the land in such proximity to the same (such that the substance is likely to reach a stormwater conveyance or the waters of the State), any fluid, solid, gas, or other substance, other than stormwater."

Immediate action must be taken to eliminate such discharges and prevent any further oils and other contaminants from discharging into the stormwater BMP. Please be advised that continued violations could result in the City assessing fines of up to one hundred dollars (\$100.00) per violation or per day for continuing violations as prescribed by City Ordinance. The intent of this notice is not to levy a fine but to ensure compliance with the intent of the ordinance. **Therefore, within 10 days of receipt of this notice, you must provide the City with a corrective action plan that clearly specifies how all of the containments will be collected and disposed of in a legal manner and measures that will be taken to prevent further discharge of contaminants into the stormwater conveyance. Upon review and**

approval of this plan, the Meineke Car Care Center's continued adherence to the plan requirements will be required for compliance with the City Code. A copy of the Stormwater Management and Control Ordinance has been attached for your review.

Should you have any questions concerning this notice, please contact David Fields at (252) 329-4681 or myself at (252) 329-4350. Your immediate attention in this matter is appreciated.

Sincerely,


Kinsey Holton, PE
Civil Engineer II (Stormwater)

dpf

Attachments: Illicit Discharge Report
Stormwater Management and Control Ordinance

cc: Scott Godefroy, PE, City Engineer/ Interim Director of Public Works (*via email*)
Lisa Ann Kirby, PE, Senior Engineer (*via email*)
File Copy

**City of Greenville
Engineering Division**



Note: Shaded areas should be filled in before going out to field

WATER QUALITY COMPLAINT / INSPECTION RECORD

Complainant's Description of Problem and Location:

Description: Oil, Lubricants and engine fluids in stormwater wet pad at rear of property.

Location: Meineke Car Care Center 730 West Fire Tower Road

Complaint from:
Name: Code Enforcement
Address: 500 E. Greene St.
Greenville, NC 27658
Home Phone #: _____
Work Phone #: (252) 329-4455
Other: _____
(pager, e-mail, etc.)

Complaint Date and Source:
Call date: 4-27-12
Time: 4:10 PM
 Hotline Eng. Staff
 Walk-In Emerg. Mgt.
 Call In Health Dept.
 DWQ Erosion Ctrl.
 Other City employee
 Other _____

First Callback:
Date: _____
Time: _____
Results Callback:
Date: _____
 Phone
 Letter
 In Person

Investigation:
Date: 4-30-12
Time: 8:30 AM
Duration: 1.0 hr.
Team (initials of staff):
 DB KQ
 LS CJ
 TC VL
 other DF

Field Observations (if different):

Investigator's Description: Oil and fluids have entered stormwater facility from containers

Street Address (Nearest): 730 West Fire Tower Road near Memorial Drive

Property Type:
 Public Commercial
 Residential Industrial
 Unimproved

Observations:
 Sheen oily
 Odor petroleum
 Floatables .. _____
 Other _____

Drainage Basin:
Crk _____
Sub-Basin SweBMP
 Flow reached storm drain?
 Flow reached creek?

Probable Source of Water Quality Problem (check main items that apply):
Construction Erosion & Sed:
 Controls not provided
 Controls not maintained
 Sediment in drainage system
On-site sewage treatment:
 Discharging sand filter system
 Failing septic leachfield
 Piping failure, leak, etc (on-site only)
 Laundry discharge (household)

City Sanitary Sewer System:
 Overflow
 Leak (small flow)
 Break (large flow)
 Other _____
Manhole: Up-MH: _____
Down-MH: _____
Private Connection to City System:
 Sewer lateral (house/duplex)
 Sewer lateral (apart/commercial)
Other:
 Illicit Connection

Yard wastes/leaves
 Source Unknown
 Water Leak
 Other WQ Prob (see details)
 No WQ Problem Found
 Drainage Problem _____
 Paint spill/release/dumping
 Grease/Cooking oil/food wastes
 Improper Housekeeping
 Trash/Garbage in Channel
 Contaminated Groundwater
 Petroleum spill/release

Details, Sample Locations, Findings, Actions:

Oil, lubricants and fluids from discarded auto filters and vehicle parts into open containers are draining into the catch basin at the rear NW corner of the Meineke parking lot. The containers are in and around the dumpster pad approx. 20 feet away from the catch basin that enters directly into the sites stormwater BMP. Discharge has entered and is present in the facility. Spoke w/ the manager and informed him of the discharge and city code. Manager informed he would clean it up and prevent from happening again.

Continue on back, if necessary

Need NOV? Date Serf 4-2-12
NOV Sent to (usu. Prpty Owner): Manager Joshua Sweazy
Mailing Address: Meineke Car Care Center
730 W. Fire Tower Road

Departments copied on NOV:
 Health Dept. Land Qual
 GUC DOT
 Pitt Co. Other: _____

Photo File Name: Meineke
Respond to Complainant By:
(date) 10 days of receipt
 Phone Letter In Person

ATTACHMENT C

(Public Education)

Presentations

Enviroscape

DATE	LOCATION	AUDIENCE	# ATTENDEES
10/04/2011	Pitt County Citizens Academy	General Public	16
11/22/2011	City of Greenville Citizens Academy	General Public	8
12/15/2011	Hope Middle School (3 presentations)	8 th Grade Students	80
12/16/2011	Hope Middle School (6 presentations)	8 th Grade Students	162
03/27/2012	Eastern Elementary (Multiple presentations)	2 nd Grade Students	23
03/29/2012	Eastern Elementary (Multiple presentations)	Grades K-2 Students	300
03/30/2012	Eastern Elementary (Multiple Presentations)	Grades 3-5 Students	320
05/02/2012	AG Cox Middle School (6 presentations)	Grades 6-8 Students	57
09/20/2012	Hope Middle School (Multiple presentations)	8 th Grade Students	260

City Stormwater Program & Illicit Discharge Informational Booth

DATE	LOCATION	AUDIENCE	# ATTENDEES
04/03/2011	GUC Contractor's Breakfast*	Utility Contractors	~200
04/14/2011	GreenFest at PiratesFest*	General Public	~800

*Brochures on Stormwater Pollution Prevention, IDDE, Adopt-A-Street program, Storm Drain Stenciling Program were provided

City Stormwater Program & Riparian Buffer Informational Display

DATE	LOCATION	AUDIENCE	# ATTENDEES
04/21/2012	PTRF River Jam	General Public	~150

Fact Sheets/Brochures

Informational materials continued to be distributed during this reporting cycle were fact sheets on the City's Stream Enhancement Program as discussed in section I of this report. Throughout the year we distribute fact sheets and brochures at presentations; special events; such as Citizen's Academy, and GreenFest to the general public in order to educate on specific concerns. Other fact sheets the City is considering for completion are for ditch maintenance.

The City continues to develop a template for all stormwater brochures. Once the template is finalized we will design a general stormwater pollution prevention brochure and an illicit discharge brochure.

Storm Drain Stenciling

DATE	ORGANIZATION	# STENCILED
N/A	N/A	N/A

S 0612 - Regulatory Reform Act of 2013**Tracking Level:** **Critical****Status:** 4/2/2013 - Senate - Passed 2nd Reading**Sponsor:** Harry Brown**Groups:**
General Government
Seek Amendments**Report Date:** Thursday, May 02, 2013 at 2:31 PM**Staff Analysis of the Legislation**

SB 612 - Regulatory Reform Act of 2013 - Requires DENR to develop Minimum Design Criteria for stormwater runoff permits; including requirement for the siting, site preparation, design and construction, and post-construction monitoring and evaluation necessary for issuing a stormwater permit. The bill also requires DENR to develop Minimum Design Criteria for erosion and sedimentation control plans issued by DENR and local governments; including requirements for the siting, site preparation, design and construction, and post-construction monitoring and evaluation necessary to approve an erosion and sedimentation control plan.

In addition, DENR is required to consult with a working group, with specified experts, in developing the criteria and requires that recommendations be submitted to the Environmental Review Commission (EMC) by March 1, 2014.

Also, the EMC and the Sedimentation Control Commission are required to adopt rules to implement fast track permitting processes for stormwater management system permits and approval of erosion and sedimentation control plans, without a technical review when the applicant (1) complies with the Minimum Design Criteria, and (2) submits a permit application sealed by a professional engineer. DENR is also required to identify other permitting programs for which the fast track process would be appropriate.

The bill amends the statute regarding "city general ordinance-making power" (GS 160A-174) to add that an ordinance is not consistent with state or federal law when it regulates a field that is also regulated by a state or federal statute or regulation and the ordinance is more stringent. The bill also requires that a county ordinance be consistent with state and federal constitutions and laws, and specifies six instances when an ordinance is not consistent with state or federal law, including when it regulates a field that is also regulated by a state or federal statute or regulation and the ordinance is more stringent.

The bill also amends the statute regarding the "control of sources of water pollution; permits require" (GS 143-215.1)(c) to require any person who is required to obtain a permit under the statute for a disposal system to have a compliance boundary (as the Commission may establish) for various categories of disposal systems and beyond which groundwater quality standards may not be exceeded, and provides for what happens if there is an exceedance.

The bill also allows the use of a master meter for electric and natural gas service when the tenant and landlord have agreed in the lease that the cost of the services shall be included in the rental payments and the service shall be in the landlord's name.

In addition the bill provide that specified temporary and permanent rules concerning the protection and maintenance of existing riparian buffers in the Neuse River and Tar-Pamlico River Basins to do not apply to any tract of land where: (1) the property is private property, (2) the property, prior to August 1, 2000, was private and platted and recorded in the

register of deeds office where the property was located, and (3) with the exception of a specified rule, the use of the property complies with rules and laws applicable before August 1, 2000. If the property is converted to a use that does not comply with the specifications, then the specified rule does apply.

Lastly, the bill amends "§ 150B-21.14A to give the Rules Review Commission the right to review any existing rule, upon request or its own motion, that was adopted in accordance with Part 2 of the Article. Provides for notice before reviewing the rule and sets forth the standards for reviewing an existing rule. Prohibits the RRC from considering questions relating to the quality or efficacy of the rule; and requires that if the RRC disapproves a rule and the agency responds that it is not changing the rule, that the RRC provide a report in 30 days to the Joint Legislative Administrative Procedure Oversight Committee and the Joint Legislative Commission on Governmental Operations.

This bill includes a severability clause applicable to the entire act.

Note: This is the omnibus Senate regulatory reform bill for this session, and would grant the N.C. Rules Review Commission (RRC) expanded authority to review rules passed by state agencies. Currently, the RRC reviews only rules that are *currently* proposed by state agencies. If this reform were enacted into law, the RRC would be able to initiate its own review of *any* rule and evaluate it based on whether it was (1) promulgated under the appropriate authority, (2) clear and unambiguous, or (3) reasonably necessary to implement a state or federal law.

- Bill Summary from the State -

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2013

S

D

SENATE BILL 612
PROPOSED COMMITTEE SUBSTITUTE S612-PCS35333-TP-23

Short Title: Regulatory Reform Act of 2013.

(Public)

Sponsors:

Referred to:

April 4, 2013

1 A BILL TO BE ENTITLED
2 AN ACT TO PROVIDE REGULATORY RELIEF TO THE CITIZENS OF NORTH
3 CAROLINA BY CREATING A FAST TRACK PERMITTING PROCESS FOR
4 CERTAIN ENVIRONMENTAL PERMITS; BY CLARIFYING THE PREEMPTION OF
5 CITY ORDINANCES AND CLARIFYING THAT SIMILAR RULES APPLY TO
6 COUNTY ORDINANCES; BY PROVIDING THAT THE DISPOSAL OF ON-SITE
7 DEMOLITION DEBRIS FROM THE DECOMMISSIONING OF MANUFACTURING
8 BUILDINGS, INCLUDING ELECTRIC GENERATING STATIONS, IS EXEMPT
9 FROM THE LANDFILL PERMITTING REQUIREMENTS; BY CLARIFYING THE
10 LAWS RELATING TO GROUNDWATER COMPLIANCE BOUNDARIES; BY
11 EXTENDING THE TERMS OF CERTAIN ENVIRONMENTAL PERMITS; BY
12 AMENDING THE ADMINISTRATIVE PROCEDURE ACT TO ELIMINATE THE
13 REQUIREMENT THAT AN AGENCY PREPARE A FISCAL NOTE WHEN
14 REPEALING A RULE; BY EXEMPTING CERTAIN PROPERTIES FROM RIPARIAN
15 BUFFER RULES; BY REQUIRING THE REPEAL OR REVISION OF EXISTING
16 ENVIRONMENTAL RULES MORE RESTRICTIVE THAN FEDERAL RULES
17 PERTAINING TO THE SAME SUBJECT MATTER; BY ALLOWING
18 MUNICIPALITIES TO LEASE REAL PROPERTY FOR A TERM OF UP TO
19 TWENTY-FIVE YEARS TO PRIVATE COMPANIES CONSTRUCTING RENEWABLE
20 ENERGY FACILITIES; BY ALLOWING GOING-OUT-OF-BUSINESS SALE
21 LICENSES TO BE ISSUED BY ANY MUNICIPAL OFFICIAL DESIGNATED BY THE
22 GOVERNING BODY OF THE MUNICIPALITY; BY DIRECTING THE
23 DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES AND THE
24 DEPARTMENT OF TRANSPORTATION TO JOINTLY PETITION THE
25 WILMINGTON DISTRICT OF THE UNITED STATES ARMY CORPS OF
26 ENGINEERS TO ALLOW FOR GREATER FLEXIBILITY AND OPPORTUNITY TO
27 PERFORM WETLANDS MITIGATION BEYOND THE IMMEDIATE WATERSHED
28 WHERE DEVELOPMENT WILL OCCUR; AND BY REQUIRING MEMBERS OF
29 ADVISORY BODIES TO STATE AGENCIES AND BOARDS TO DISCLOSE
30 POTENTIAL CONFLICTS OF INTEREST PRIOR TO MAKING ANY
31 RECOMMENDATION.

32 The General Assembly of North Carolina enacts:

33

34 PART I. FAST-TRACK PERMITTING FOR CERTAIN ENVIRONMENTAL
35 PERMITS



* S 6 1 2 - P C S 3 5 3 3 3 - T P - 2 3 *

1 **SECTION 1.1.(a)** Stormwater. – The Department of Environment and Natural
2 Resources shall develop Minimum Design Criteria for permits issued by the stormwater runoff
3 permitting programs authorized by G.S. 143-214.7. The Minimum Design Criteria shall include
4 all requirements for siting, site preparation, design and construction, and post-construction
5 monitoring and evaluation necessary for the Department to issue a stormwater permit.

6 **SECTION 1.1.(b)** Erosion and Sedimentation Control. – The Department of
7 Environment and Natural Resources shall develop Minimum Design Criteria for erosion and
8 sedimentation control plans issued by the Department and local governments under the
9 authority of Article 4 of Chapter 113A of the General Statutes. The Minimum Design Criteria
10 shall include all requirements for siting, site preparation, design and construction, and
11 post-construction monitoring and evaluation necessary for the Department or a local
12 government stormwater program to approve an erosion and sedimentation control plan.

13 **SECTION 1.1.(c)** Designation of Appropriate Professionals. – In the development
14 of Minimum Design Criteria under this section, the Department shall specify types of licensed
15 professionals qualified to certify the design, effectiveness, and appropriateness of each
16 criterion. For purposes of this subsection, "licensed professionals" shall include, but not be
17 limited to, engineers certified under Chapter 89C of the General Statutes, geologists certified
18 under Chapter 89E of the General Statutes, and landscape architects certified under Chapter
19 89A of the General Statutes, and "qualified to certify" means, at a minimum, that the licensing
20 board for that professional has the statutory authority to discipline the professional for falsely
21 certifying design, effectiveness, or appropriateness of the particular criterion.

22 **SECTION 1.2.** Technical Working Group. – In developing the Minimum Design
23 Criteria, the Department may consult with a technical working group that consists of industry
24 experts, environmental engineers or consultants, relevant faculty from The University of North
25 Carolina, and other interested stakeholders. The Department shall submit the final Minimum
26 Design Criteria to the Environmental Review Commission no later than March 1, 2014.

27 **SECTION 1.3.** Article 21 of Chapter 143 of the General Statutes is amended by
28 adding a new section to read:

29 **"§ 143-214.7B. Fast-track permitting.**

30 The Commission shall adopt rules implementing a fast-track permitting process allowing
31 for issuance of stormwater management system permits without a technical review when the
32 permit applicant (i) complies with the Minimum Design Criteria for stormwater management
33 developed by the Department and (ii) submits a permit application sealed by the appropriate
34 professional specified in the criteria."

35 **SECTION 1.4.** Article 4 of Chapter 113A of the General Statutes is amended by
36 adding a new section to read:

37 **"§ 113A-68. Fast-track plan approval.**

38 The Commission shall adopt rules implementing a fast-track plan approval process
39 allowing for approval of erosion and sedimentation control plans by the Department or a local
40 erosion and sedimentation control program without a technical review when the person files a
41 plan that (i) complies with the Minimum Design Criteria for erosion and sedimentation control
42 developed by the Department and (ii) is sealed by the appropriate professional specified in the
43 criteria."

44 **SECTION 1.5.(a)** The Environmental Management Commission shall adopt
45 temporary rules implementing Section 1.3 of this act no later than May 1, 2014. The temporary
46 rules shall remain in effect until permanent rules that replace the temporary rules become
47 effective.

48 **SECTION 1.5.(b)** The Sedimentation Control Commission shall adopt temporary
49 rules implementing Section 1.4 of this act no later than May 1, 2014. The temporary rules shall
50 remain in effect until permanent rules that replace the temporary rules become effective.

51 **SECTION 1.6.** G.S. 89C-19 reads as rewritten:

"§ 89C-19. Public works; requirements where public safety involved.

This State and its political subdivisions such as counties, cities, towns, or other political entities or legally constituted boards, commissions, public utility companies, or authorities, or officials, or employees of these entities shall not engage in the practice of engineering or land surveying involving either public or private property where the safety of the public is directly involved without the project being under the supervision of a professional engineer for the preparations of plans and specifications for engineering projects, or a professional land surveyor for land surveying projects, as provided for the practice of the respective professions by this Chapter. These entities shall not, in the course of conducting technical review of an application for a permit or a plan submitted for approval by the entity, require revisions to that part of the application or plan that constitutes the practice of engineering and that has been supervised and sealed by a professional engineer unless the employee or official of the reviewing entity requiring the revision is also a professional engineer or is an engineering intern under the responsible charge of a professional engineer. Any revisions to the application or plan that are required by the reviewing entity and that constitute the practice of engineering shall be provided by written notice to the permit applicant or the person submitting a plan for approval. The written notice shall be on agency letterhead and shall be signed by the professional engineer reviewing or supervising the review of the submission and shall include the engineer's state license number.

An official or employee of the State or any political subdivision specified in this section, holding the positions set out in this section as of June 19, 1975, shall be exempt from the provisions of this section so long as such official or employee is engaged in substantially the same type of work as is involved in the present position.

Nothing in this section shall be construed to prohibit inspection, maintenance and service work done by employees of the State of North Carolina, any political subdivision of the State, or any municipality including construction, installation, servicing, and maintenance by regular full-time employees of, secondary roads and drawings incidental to work on secondary roads, streets, street lighting, traffic-control signals, police and fire alarm systems, waterworks, steam, electric and sewage treatment and disposal plants, the services of superintendents, inspectors or foremen regularly employed by the State of North Carolina or any political subdivision of the State, or municipal corporation.

The provisions in this section shall not be construed to alter or modify the requirements of Article 1 of Chapter 133 of the General Statutes."

SECTION 1.7. The Department of Environment and Natural Resources shall identify other permitting programs for which the fast-track permitting process described by this Part would be appropriate and make a report, including proposed legislation, to the Environmental Review Commission no later than May 1, 2014.

PART II. CLARIFY LOCAL GOVERNMENT PREEMPTION

SECTION 2.1. G.S. 160A-174(b) reads as rewritten:

"(b) A city ordinance shall be consistent with the Constitution and laws of North Carolina and of the United States. An ordinance is not consistent with State or federal law when:

- (1) The ordinance infringes a liberty guaranteed to the people by the State or federal Constitution;
- (2) The ordinance makes unlawful an act, omission or condition which is expressly made lawful by State or federal law;
- (3) The ordinance makes lawful an act, omission, or condition which is expressly made unlawful by State or federal law;
- (4) The ordinance purports to regulate a subject that cities are expressly forbidden to regulate by State or federal law;

- 1 (5) The ordinance purports to regulate a field for which a State or federal statute
2 clearly shows a legislative intent to provide a complete and integrated
3 regulatory scheme to the exclusion of local regulation;
- 4 (5a) The ordinance (i) regulates a field that is also regulated by a State or federal
5 statute enforced by, or a regulation promulgated by, an environmental
6 agency; and (ii) is more stringent than the State or federal statute or
7 regulation; and
- 8 (6) The elements of an offense defined by a city ordinance are identical to the
9 elements of an offense defined by State or federal law.

10 The fact that a State or federal law, standing alone, makes a given act, omission, or condition
11 unlawful shall not preclude city ordinances requiring a higher standard of conduct or condition.

12 (c) The limitation set forth in subdivision (5a) of subsection (b) of this section does not
13 apply to any ordinance if adoption of the ordinance was and continues to be required by one of
14 the following:

- 15 (1) A serious and unforeseen threat to the public health, safety, or welfare.
16 (2) An act of the General Assembly or United States Congress that expressly
17 requires the agency to adopt rules.
18 (3) A provision in federal or State budgetary policy.
19 (4) A federal regulation required by an act of the United States Congress to be
20 adopted or administered by the State.
21 (5) A court order.
- 22 (d) For purposes of this section, "an environmental agency" means any of the following:
- 23 (1) The Department of Environment and Natural Resources created pursuant to
24 G.S. 143B-279.1.
25 (2) The Environmental Management Commission created pursuant to
26 G.S. 143B-282.
27 (3) The Coastal Resources Commission established pursuant to G.S. 113A-104.
28 (4) The Marine Fisheries Commission created pursuant to G.S. 143B-289.51.
29 (5) The Wildlife Resources Commission created pursuant to G.S. 143-240.
30 (6) The Commission for Public Health created pursuant to G.S. 130A-29, when
31 regulating pursuant to the authority granted by Articles 9, 10, 11, 19, 19A,
32 and 19B of Chapter 130A of the General Statutes.
33 (7) The Sedimentation Control Commission created pursuant to G.S. 143B-298.
34 (8) The Mining and Energy Commission created pursuant to G.S. 143B-293.1.
35 (9) The Pesticide Board created pursuant to G.S. 143-436."

36 **SECTION 2.2.** G.S. 153A-121 is amended by adding a new subsection to read:

37 "(a1) A county ordinance shall be consistent with the Constitution and laws of North
38 Carolina and of the United States. An ordinance is not consistent with State or federal law
39 when:

- 40 (1) The ordinance infringes a liberty guaranteed to the people by the State or
41 federal Constitution;
42 (2) The ordinance makes unlawful an act, omission, or condition which is
43 expressly made lawful by State or federal law;
44 (3) The ordinance makes lawful an act, omission, or condition which is
45 expressly made unlawful by State or federal law;
46 (4) The ordinance purports to regulate a subject that counties are expressly
47 forbidden to regulate by State or federal law;
48 (5) The ordinance purports to regulate a field for which a State or federal statute
49 clearly shows a legislative intent to provide a complete and integrated
50 regulatory scheme to the exclusion of local regulation;

1 (6) The ordinance (i) regulates a field that is also regulated by a State or federal
 2 statute enforced by, or a regulation promulgated by, an environmental
 3 agency; and (ii) is more stringent than the State or federal statute or
 4 regulation; and

5 (7) The elements of an offense defined by a county ordinance are identical to the
 6 elements of an offense defined by State or federal law.

7 The fact that a State or federal law, standing alone, makes a given act, omission, or
 8 condition unlawful shall not preclude county ordinances requiring a higher standard of conduct
 9 or condition.

10 (a2) The limitation set forth in subdivision (6) of subsection (a1) of this section does not
 11 apply to any ordinance if adoption of the ordinance was and continues to be required by one of
 12 the following:

13 (1) A serious and unforeseen threat to the public health, safety, or welfare.

14 (2) An act of the General Assembly or United States Congress that expressly
 15 requires the agency to adopt rules.

16 (3) A provision in federal or State budgetary policy.

17 (4) A federal regulation required by an act of the United States Congress to be
 18 adopted or administered by the State.

19 (5) A court order.

20 (a3) For purposes of this section, "an environmental agency" means any of the following:

21 (1) The Department of Environment and Natural Resources created pursuant to
 22 G.S. 143B-279.1.

23 (2) The Environmental Management Commission created pursuant to
 24 G.S. 143B-282.

25 (3) The Coastal Resources Commission established pursuant to G.S. 113A-104.

26 (4) The Marine Fisheries Commission created pursuant to G.S. 143B-289.51.

27 (5) The Wildlife Resources Commission created pursuant to G.S. 143-240.

28 (6) The Commission for Public Health created pursuant to G.S. 130A-29, when
 29 regulating pursuant to the authority granted by Articles 9, 10, 11, 19, 19A,
 30 and 19B of Chapter 130A of the General Statutes.

31 (7) The Sedimentation Control Commission created pursuant to G.S. 143B-298.

32 (8) The Mining and Energy Commission created pursuant to G.S. 143B-293.1.

33 (9) The Pesticide Board created pursuant to G.S. 143-436."

34

35 **PART III. ENVIRONMENTAL REGULATORY REFORM**

36 **SECTION 3.1.(a)** G.S. 130A-294(a) reads as rewritten:

37 "(a) The Department is authorized and directed to engage in research, conduct
 38 investigations and surveys, make inspections and establish a statewide solid waste management
 39 program. In establishing a program, the Department shall have authority to:

40 ...

41 (4) a. Develop a permit system governing the establishment and operation
 42 of solid waste management facilities. A landfill with a disposal area
 43 of 1/2 acre or less for the on-site disposal of land clearing and inert
 44 debris is exempt from the permit requirement of this section and shall
 45 be governed by G.S. 130A-301.1. Demolition debris from the
 46 decommissioning of manufacturing buildings, including electric
 47 generating stations, that is disposed of on the same site as the
 48 decommissioned buildings, is exempt from the permit requirement of
 49 this section and rules adopted pursuant to this section and shall be
 50 governed by G.S. 130A-301.3. The Department shall not approve an
 51 application for a new permit, the renewal of a permit, or a substantial

1 amendment to a permit for a sanitary landfill, excluding demolition
 2 landfills as defined in the rules of the Commission, except as
 3 provided in subdivisions (3) and (4) of subsection (b1) of this
 4 section. No permit shall be granted for a solid waste management
 5 facility having discharges that are point sources until the Department
 6 has referred the complete plans and specifications to the
 7 Environmental Management Commission and has received advice in
 8 writing that the plans and specifications are approved in accordance
 9 with the provisions of G.S. 143-215.1. If the applicant is a unit of
 10 local government, and has not submitted a solid waste management
 11 plan that has been approved by the Department pursuant to
 12 G.S. 130A-309.09A(b), the Department may deny a permit for a
 13 sanitary landfill or a facility that disposes of solid waste by
 14 incineration, unless the Commission has not adopted rules pursuant
 15 to G.S. 130A-309.29 for local solid waste management plans. In any
 16 case where the Department denies a permit for a solid waste
 17 management facility, it shall state in writing the reason for denial and
 18 shall also state its estimate of the changes in the applicant's proposed
 19 activities or plans that will be required for the applicant to obtain a
 20 permit.

21"

22 SECTION 3.1.(b) Part 2 of Article 9 of Chapter 130A of the General Statutes is
 23 amended by adding a new section to read:

24 **"§ 130A-301.3. Disposal of demolition debris generated from the decommissioning of**
 25 **manufacturing buildings, including electric generating stations, on site.**

26 (a) A person may dispose of demolition debris from the decommissioning of
 27 manufacturing buildings, including electric generating stations, on the same site as the
 28 decommissioned buildings if the demolition debris meets all of the following requirements:

- 29 (1) It is composed only of inert debris such as brick or other masonry materials,
 30 dirt, sand, gravel, rock, and concrete if the material, when characterized
 31 using the toxicity characteristic leaching procedure developed by the United
 32 States Environmental Protection Agency, is not a hazardous waste. The
 33 debris may contain small amounts of wood, paint, sealants, and metal
 34 associated with the inert debris.
- 35 (2) It does not extend beyond the footprint of the decommissioned buildings and
 36 shall be at least 50 feet from the property boundary or enclosed by the walls
 37 of the building that are left in place below grade. Walls left in place below
 38 grade are not subject to the requirements of subdivision (4) of this
 39 subsection.
- 40 (3) It is placed at least 500 feet from the nearest drinking water well.
- 41 (4) It is placed to assure at least two feet of clean soil between any coated inert
 42 debris and the seasonal high groundwater table. Uncoated inert debris may
 43 be used as fill anywhere within the footprint of the decommissioned building
 44 or as beneficial fill on the site.
- 45 (5) It complies with all other applicable federal, State, and local laws,
 46 regulations, rules, and ordinances.

47 (b) After the decommissioning is completed or terminated, the owner or operator shall
 48 compact the demolition debris and cover it with at least two feet of compacted earth finer than
 49 a sandy texture soil. The cover of the demolition debris shall be graded so as to minimize water
 50 infiltration, promote proper drainage, and control erosion. Erosion of the cover shall be

1 controlled by establishing suitable vegetative cover. All site stabilization should be completed
2 within 90 days of the completed demolition.

3 (c) Within 30 days of completing the final site stabilization or at least 30 days before
4 the land, or any interest in the land, on which the demolition debris is located is transferred,
5 whichever is earlier, the owner or owners of record of the land on which the demolition debris
6 is located shall file each of the following with the register of deeds of the county in which the
7 demolition debris is located:

8 (1) A survey plat of the property that meets the requirements of G.S. 47-30. The
9 plat shall accurately show the location of the demolition debris in a manner
10 that will allow the demolition debris disposal site to be accurately delineated
11 and shall reference this section.

12 (2) A notice that disposal of demolition debris has been located on the land. The
13 notice shall include a description of the land that would be sufficient as a
14 description in an instrument of conveyance. The notice shall list the owners
15 of record of the land at the time the notice is filed and shall reference the
16 book and page number where the deed or other instrument by which the
17 owners of record acquired title is located. The notice shall reference the
18 book and page number where the survey plat required by subdivision (1) of
19 this subsection is recorded. The notice shall reference this section, shall
20 describe with particularity the type and size of the building or other structure
21 that was demolished, and shall state the dates on which the demolition began
22 and ended. The notice shall be executed by the owner or owners of record as
23 provided in Chapter 47 of the General Statutes. The register of deeds shall
24 record the notice and index it in the grantor index under the names of all
25 owners of record of the land.

26 (d) A certified copy of both the plat and notice required by subsection (c) of this section
27 shall also be filed with the Department. The plat and the notice shall indicate on the face of the
28 document the book and page number where recorded.

29 (e) When the land, or any portion of the land, on which the demolition debris is located
30 is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain a
31 statement that the property has been used for the disposal of demolition debris. The statement
32 shall include a reference to this section and to the book and page number where the notice
33 required by subdivision (2) of subsection (c) of this section is recorded."

34 **SECTION 3.1.(c)** G.S. 47-29 is amended by adding a new subsection to read:
35 **"§ 47-29.1. Recordation of environmental notices.**

36 ...
37 (a4) The disposal of on-site demolition debris from the decommissioning of
38 manufacturing buildings, including electric generating stations, shall be recorded as provided in
39 G.S. 130A-301.3.

40"

41 **SECTION 3.2.(a)** G.S. 143-215.1 is amended by adding three new subsections to
42 read:

43 **"§ 143-215.1. Control of sources of water pollution; permits required.**

44 ...
45 (i) Any person subject to the requirements of this section who is required to obtain an
46 individual permit from the Commission for a disposal system under the authority of
47 G.S. 143-215.1 or Chapter 130A of the General Statutes shall have a compliance boundary as
48 may be established by rule or permit for various categories of disposal systems and beyond
49 which groundwater quality standards may not be exceeded. The location of the compliance
50 boundary shall be established at the property boundary, except as otherwise established by the
51 Commission. Multiple contiguous properties under common ownership and permitted for use

1 rules; or (ii) rewrite the rules to make them no more restrictive than the corresponding federal
2 laws or rules. Rules adopted pursuant to this subsection are not subject to G.S. 150B-21.9
3 through G.S. 150B-21.14.

4 **SECTION 6.1.(d).** The rule-making proceedings required by subsection (c) of this
5 section are not required for any rule identified under subsection (b) of this section if adoption of
6 the rule was and continues to be required by one of the following:

- 7 (1) A serious and unforeseen threat to the public health, safety, or welfare.
- 8 (2) An act of the General Assembly or United States Congress that expressly
9 requires the agency to adopt rules.
- 10 (3) A provision in federal or State budgetary policy.
- 11 (4) A federal regulation required by an act of the United States Congress to be
12 adopted or administered by the State.
- 13 (5) A court order.

14 **PART VII. PERMIT LONGER ALTERNATE ENERGY LEASING PERIODS**

15 **SECTION 7.** G.S. 160A-272 reads as rewritten:

16 **"§ 160A-272. Lease or rental of property.**

17 ...

18
19 (c) **(Effective until June 30, 2015)** The council may approve a lease for the siting and
20 operation of a renewable energy facility, as that term is defined in G.S. 62-133.8(a)(7), for a
21 term up to ~~20-25~~ years without treating the lease as a sale of property and without giving notice
22 by publication of the intended lease. ~~This subsection applies to Catawba, Mecklenburg, and~~
23 ~~Wake Counties, the Cities of Asheville, Raleigh, and Winston-Salem, and the Towns of Apex,~~
24 ~~Carrboro, Cary, Chapel Hill, Fuquay-Varina, Garner, Holly Springs, Knightdale, Morrisville,~~
25 ~~Rolesville, Wake Forest, Wendell, and Zebulon only.~~

26 (c) **(Effective June 30, 2015)** The council may approve a lease for the siting and
27 operation of a renewable energy facility, as that term is defined in G.S. 62-133.8(a)(7), for a
28 term up to ~~20-25~~ years without treating the lease as a sale of property and without giving notice
29 by publication of the intended lease. ~~This subsection applies to Catawba, Mecklenburg, and~~
30 ~~Wake Counties, the Cities of Raleigh and Winston-Salem, and the Towns of Apex, Cary,~~
31 ~~Fuquay-Varina, Garner, Holly Springs, Knightdale, Morrisville, Rolesville, Wake Forest,~~
32 ~~Wendell, and Zebulon only."~~

33 **PART VIII. GOING-OUT-OF-BUSINESS SALE LICENSING FLEXIBILITY**

34 **SECTION 8.** G.S. 66-77 reads as rewritten:

35 **"§ 66-77. License required; contents of applications; inventory required; fees; bond;**
36 **extension of licenses; records; false statements.**

37 (a) No person shall advertise or offer for sale a stock of goods, wares or merchandise
38 under the description of closing-out sale, or a sale of goods, wares or merchandise damaged by
39 fire, smoke, water or otherwise, or a distress sale unless he shall have obtained a license to
40 conduct such sale from the ~~clerk of the~~ officer designated by the governing board of the city or
41 town in which he proposes to conduct such a sale or from the officer designated by the Board
42 of County Commissioners if the sale is conducted in an unincorporated area. The applicant for
43 such a license shall make to ~~such clerk~~ the designated officer an application therefor, in writing
44 and under oath at least seven days prior to the opening date of sale, showing all the facts
45 relating to the reasons and character of such sale, including the opening and terminating dates
46 of the proposed sale, the opening and terminating dates of any previous distress sale or
47 closing-out sale held by the applicant within that county during the preceding 12 months, a
48 complete inventory of the goods, wares or merchandise actually on hand in the place ~~whereat~~
49 ~~such~~ where the sale is to be conducted, and all details necessary to locate exactly and identify
50

1 fully the goods, wares or merchandise to be sold. Provided, the seller in a distress sale need not
2 file an inventory.

3 (b) If ~~such clerk~~ the designated officer shall be satisfied from said application that the
4 proposed sale is of the character which the applicant desires to advertise and conduct, the ~~clerk~~
5 designated officer shall issue a license, upon the payment of a fee of fifty dollars (\$50.00)
6 therefor, together with a bond, payable to the city or town or county in the penal sum of five
7 hundred dollars (\$500.00), conditioned upon compliance with this Article, to the applicant
8 authorizing him to advertise and conduct a sale of the particular kind mentioned in the
9 application. The license fee provided for herein shall be good for a period of 30 days from its
10 date, and if the applicant shall not complete said sale within said 30-day period then the
11 applicant shall make application to ~~such clerk~~ the designated officer for a license for a new
12 permit, which shall be good for an additional period of 30 days, and shall pay therefor the sum
13 of fifty dollars (\$50.00), and a second extension period of 30 days may be similarly applied for
14 and granted by the ~~clerk~~ designated officer upon payment of an additional fee of fifty dollars
15 (\$50.00) and upon the ~~clerk~~ designated officer being satisfied that the applicant is holding a
16 bona fide sale of the kind contemplated by this Article and is acting in a bona fide manner;
17 provided, however, that the ~~clerk~~ designated officer may not grant an extension period as
18 provided in this subsection if (i) the applicant conducted a distress sale immediately preceding
19 the current sale for which the extension is applied for and (ii) the period of the extension
20 applied for, when added to the period of the preceding sale and the period of the current sale,
21 will exceed 120 days. No additional bond shall be required in the event of one or more
22 extensions as herein provided for. Any merchant who shall have been conducting a business in
23 the same location where the sale is to be held for a period of not less than one year, prior to the
24 date of holding such sale, or any merchant who shall have been conducting a business in one
25 location for such period but who shall, by reason of the building being untenable or by
26 reason of the fact that said merchant shall have no existing lease or ownership of the building
27 and shall be forced to hold such sale at another location, shall be exempted from the payment
28 of the fees and the filing of the bond herein provided for.

29"
30

31 PART IX. WETLANDS AND STREAM MITIGATION HUC FLEXIBILITY

32 SECTION 9.1. No later than October 1, 2013, the Department of Environment and
33 Natural Resources and the Department of Transportation shall jointly petition the Wilmington
34 District of the United States Army Corps of Engineers (Wilmington District) to allow for
35 greater flexibility and opportunity to perform wetlands and stream mitigation outside of the
36 eight-digit Hydrologic Unit Code (HUC) where development will occur. The Departments shall
37 seek this greater flexibility and opportunity for mitigation for both public and private
38 development. The Departments shall request that the Wilmington District review the flexibility
39 and opportunities for mitigation allowed by other Districts of the United States Army Corps of
40 Engineers.

41 SECTION 9.2. The Departments shall jointly report on their progress in petitioning
42 the Wilmington District as required by Section 9.1 of this act to the Environmental Review
43 Commission no later than January 1, 2014.

45 PART X. ETHICS/ADVISORY BOARDS

46 SECTION 10. G.S. 138A-15 is amended by adding a new subsection to read:

47 "§ 138A-15. Duties of heads of State agencies.

48 ...

49 (i) Before receiving or accepting any recommendation, the head of each State agency,
50 including the chair of each board subject to this Chapter, shall require each member of an
51 advisory body appointed or created by the State to serve that State agency or board, or

1 appointed or created by the State agency or board subject to this Chapter, to disclose all
2 reasonably foreseeable financial benefits from the matter under recommendation, which
3 financial benefit would impair the member of the advisory body's independence of judgment or
4 from which it could reasonably be inferred that the financial benefit would influence the
5 member of the advisory body participation in the advisory body. Each member of an advisory
6 body appointed or created by a State agency or board subject to this Chapter shall also provide
7 to that State agency or board subject to this Chapter a list of all grants or employment
8 pertaining to the matter under recommendation held or awarded within the previous 24 months
9 before the recommendation and a copy of any deliverable associated with such grants."

10

11 **PART XI. SEVERABILITY AND EFFECTIVE DATE PROVISIONS**

12 **SECTION 11.1.** If any section or provision of this act is declared unconstitutional
13 or invalid by the courts, it does not affect the validity of this act as a whole or any part other
14 than the part so declared to be unconstitutional or invalid.

15 **SECTION 11.2.** Sections 3.1 and 10 of this act become effective July 1, 2013.
16 Section 4.1 of this act is effective when it becomes law and applies to all proposed rules
17 published in the North Carolina Register on or after that date. Except as otherwise provided, the
18 remainder of this act is effective when it becomes law.

ADOPTED



NORTH CAROLINA GENERAL ASSEMBLY
AMENDMENT
Senate Bill 612

AMENDMENT NO. A1
(to be filled in by
Principal Clerk)

S612-AMH-7 [v.6]

Page 1 of 2

Comm. Sub. [YES]
Amends Title [NO]
Second Edition

Date _____, 2013

Senator Brown

1 moves to amend the bill on page 1, line 11, by rewriting the line to read:
2 "EXTENDING THE TERMS OF CERTAIN ENVIRONMENTAL PERMITS; BY
3 CLARIFYING THAT THE DEFINITION OF 'BUILT-UPON AREA' INCLUDES ONLY
4 IMPERVIOUS SURFACES; BY"

5

6 and on page 8, line 51 by inserting a new section after that line to read:

7 "SECTION 3.4.(a) Section 2 of S.L. 2006-246 reads as rewritten:

8 'SECTION 2. Definitions. – The following definitions apply to this act and its
9 implementation:

10

...

11

(7) "Built-upon area" means that portion of a project that is covered by
12 ~~impervious or partially impervious surface~~ impervious surface including, but
13 not limited to, buildings; ~~pavement and gravel~~ pavement areas such as roads,
14 parking lots, and paths; and recreation facilities such as tennis courts.
15 "Built-upon area" does not include a wooden slatted deck, the water area of a
16 swimming pool, gravel, or pervious or partially pervious paving material to
17 the extent that the paving material absorbs water or allows water to infiltrate
18 through the paving material.

19

....'

20

21 **SECTION 3.4.(b)** The Department shall adopt rules to implement this Section.
22 Until permanent rules to implement subsection (a) of this section take effect, the definition of
23 'built-upon area' in subsection (a) shall apply instead of any other definition of 'built-upon area'
24 appearing in rules adopted pursuant to Session Law 2006-246.";

25

26 and on page 4, line 7, by rewriting the line to read:

27

" regulation; or";

28

29 and on page 5, line 4, by rewriting the line to read:

30

" regulation; or".



* S 6 1 2 - A M H - 7 - V - 6 *

NORTH CAROLINA GENERAL ASSEMBLY

AMENDMENT
Senate Bill 612

ADOPTED

AMENDMENT NO. A1
(to be filled in by
Principal Clerk)

S612-AMH-7 [v.6]

Page 2 of 2

SIGNED _____
Amendment Sponsor

SIGNED _____
Committee Chair if Senate Committee Amendment

ADOPTED _____ FAILED _____ TABLED _____

**The official copy of this document, with signatures
and vote information, is available in the
Senate Principal Clerk's Office**

H 0480 - Environmental Permitting ReformTracking Level: **High**

Status: 3/28/2013 - House - Ref to the Com on Environment, if favorable, Regulatory Reform

Sponsor: Chris Millis

Groups:

Environment
Seek Amendments

Report Date: Thursday, May 02, 2013 at 2:36 PM

Staff Analysis of the Legislation

HB 480 - Environmental Permitting Reform - Requires DENR to develop Minimum Design Criteria for stormwater runoff permits and that the criteria include a requirement for the siting, site preparation, design and construction, and post-construction monitoring and evaluation necessary for issuing a stormwater permit. It also requires DENR to develop Minimum Design Criteria for the erosion and sedimentation control plans they and local governments issue. These criteria must include requirements for the siting, site preparation, design and construction, and post-construction monitoring and evaluation necessary to approve an erosion and sedimentation control plan. It also requires the EMC and the Sedimentation Control Commission to adopt rules to implement fast track permitting processes for stormwater management system permits and approval of erosion and sedimentation control plans, without a technical review when the applicant (1) complies with the Minimum Design Criteria, and (2) submits a permit application sealed by a professional engineer.

This bill sets up a fast-track permitting process for certain stormwater and sedimentation/erosion control designs. While the House bill language is also contained in the Senate regulatory reform bill, this proposal will likely be heard first in the House. Modeled after a process the state has long utilized for fast-track design approval of sewer infrastructure, this bill directs a group of experts (listed in the bill) to come up with minimum design criteria (MDC) for various stormwater control devices. That criteria would be adopted into the state's administrative code by the N.C. Environmental Management Commission (EMC). Once part of the administrative code, both the state and locally-delegated programs would issue permits without review of device designs for those designs that fit under the MDC. Future additions to the MDC would also be done via rulemaking with EMC approval. The bill does not alter existing design review processes for devices not included in the MDC, nor does it change a program's ability to inspect those devices after construction begins. **The League has requested amendments to the bill to address concerns about being able to hold the engineer responsible for design defects.**

- Bill Summary from the State -

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2013

H.B. 480
Mar 28, 2013
HOUSE PRINCIPAL CLERK

H

D

HOUSE DRH30259-MH-11B (01/02)

Short Title: Environmental Permitting Reform. (Public)

Sponsors: Representatives Millis, Moffitt, Catlin, and Hardister (Primary Sponsors).

Referred to:

1 A BILL TO BE ENTITLED
2 AN ACT TO PROVIDE REGULATORY CERTAINTY FOR NORTH CAROLINA BY
3 REQUIRING THE DEVELOPMENT OF MINIMUM DESIGN CRITERIA FOR
4 STORMWATER PERMITS AND EROSION AND SEDIMENTATION CONTROL
5 PLANS TO GUIDE REGULATORY AGENCIES IN PERMIT ISSUANCE AND PLAN
6 APPROVAL AND TO REFORM THE PERMITTING PROCESS TO ALLOW A
7 FAST-TRACK PERMITTING PROCESS FOR APPLICATIONS AND PLAN
8 SUBMITTALS CERTIFIED BY A PROFESSIONAL ENGINEER TO BE IN
9 COMPLIANCE WITH THE MINIMUM DESIGN CRITERIA.

10 The General Assembly of North Carolina enacts:

11 SECTION 1.(a) Stormwater. – The Department of Environment and Natural
12 Resources shall develop Minimum Design Criteria for permits issued by the stormwater runoff
13 permitting programs authorized by G.S. 143-214.7. The Minimum Design Criteria shall include
14 all requirements for siting, site preparation, design and construction, and post-construction
15 monitoring and evaluation necessary for the Department to issue a stormwater permit.

16 SECTION 1.(b) Erosion and Sedimentation Control. – The Department of
17 Environment and Natural Resources shall develop Minimum Design Criteria for erosion and
18 sedimentation control plans issued by the Department and local governments under the
19 authority of Article 4 of Chapter 113A of the General Statutes. The Minimum Design Criteria
20 shall include all requirements for siting, site preparation, design and construction, and
21 post-construction monitoring and evaluation necessary for the Department or a local
22 government stormwater program to approve an erosion and sedimentation control plan.

23 SECTION 2. In developing the Minimum Design Criteria, the Department shall
24 consult with a technical working group that consists of industry experts, environmental
25 engineers or consultants, relevant faculty from The University of North Carolina, and other
26 interested stakeholders. The Department shall submit its recommendations to the
27 Environmental Review Commission no later than March 1, 2014.

28 SECTION 3. Article 21 of Chapter 143 of the General Statutes is amended by
29 adding a new section to read:

30 "§ 143-214.7B. Fast-track permitting.

31 The Commission shall adopt rules implementing a fast-track permitting process allowing
32 for issuance of stormwater management system permits without a technical review when the
33 permit applicant (i) complies with the Minimum Design Criteria for stormwater management
34 developed by the Department and (ii) submits a permit application sealed by a professional
35 engineer."



* D R H 3 0 2 5 9 - M H - 1 1 B *

1 **SECTION 4.** Article 4 of Chapter 113A of the General Statutes is amended by
2 adding a new section to read:

3 **"§ 113A-68. Fast-track plan approval.**

4 The Commission shall adopt rules implementing a fast-track plan approval process
5 allowing for approval of erosion and sedimentation control plans by the Department or a local
6 erosion and sedimentation control program without a technical review when the person files a
7 plan that (i) complies with the Minimum Design Criteria for erosion and sedimentation control
8 developed by the Department and (ii) is sealed by a professional engineer."

9 **SECTION 5.(a)** The Environmental Management Commission shall adopt rules
10 implementing Section 3 of this act no later than February 1, 2014.

11 **SECTION 5.(b)** The Sedimentation Control Commission shall adopt rules
12 implementing Section 4 of this act no later than February 1, 2014.

13 **SECTION 6.** This act is effective when it becomes law.

APPLICATION PACKET

- Form must be typed using Time Roman 12 point font. Hand-written applications **will not be accepted**

<p>Name of Parent Teacher Organization or Related School Group Submitting Application</p>	<p>J. H. Rose High School</p>
<p>Contact Information</p> <ul style="list-style-type: none"> • Contact person • Address • Phone number • Email 	<p>Brian Callahan 600 West Arlington Boulevard Greenville, NC 27834</p> <p>252-321-3640 callahan@pitt.k12.nc.us</p>
<p>Contact Information of Grant Administrator (if different from above)</p> <ul style="list-style-type: none"> • Contact person • Address • Phone number • Email 	
<p>Project Name</p>	<p>Rose High School Stormwater Management.</p>
<p>Project Description (max. 500 words)</p> <p>This project seeks to educate students at J. H. Rose High School about stormwater runoff and water quality by involving them in pertinent data collection, project design, and implementation. This project will be incorporated into Rose classes, including Geography and Advanced Placement (AP) (e.g. Chemistry, Biology, and Environmental Science) classes.</p> <p>J. H. Rose High School (Rose) opened in 1992 on Arlington Boulevard in Greenville and has approximately 1600 students enrolled. Prior to Rose opening, the 55-acre campus served as Greenville Middle School from its construction in 1978. At that time, it was common for stormwater to be directed into nearby creeks and streams. Since that time, the campus has expanded, adding buildings, parking lots, and athletic fields. Now, roofs and pavement cover about half of the campus, generating a large volume of runoff that eventually enters Green Mill Run (an impaired stream).</p>	

The first aspect of this project will deal with introducing hydrologic and ecological concepts to students. As part of the hydrologic cycle education, a weather station is proposed for installation on the Rose campus. This station will collect data that will then be used to educate students about certain hydrologic cycle concepts, such as total precipitation, precipitation intensity, evaporation and transpiration. Students will be introduced to methods for characterizing weather variability. Students will have the opportunity to relate the weather they experience or see outside their window to data collected at their school.

The weather station will connect to the internet and upload data automatically to a public source, such as Weather Underground. While there are several reporting weather stations around Greenville, a gap exists over central Greenville, per Weather Underground. Adding a reporting weather station on the Rose campus would fill this data gap.

The second aspect will introduce students to how weather, land cover, and soils affect runoff. Students will characterize the types of surfaces and soils on the Rose campus and inventory stormwater structures on their campus. Using hydrologic principals, students will then create a map of flow paths for their campus. This will help them to understand how precipitation is routed through their campus. This phase would include a field trip to local natural and urbanized streams to help students understand the impacts of stormwater runoff in Greenville.

The final aspect will introduce stormwater management to students, by building on the previous two aspects, and incorporating soil and water quality components. Students will have the opportunity to collect water quality data from runoff and stormwater control structures. Concepts will include infiltration, detention, and reuse. Students will be introduced to different types of stormwater best management practices (BMPs) and examples within Greenville. As a final effort, students will combine these concepts to propose stormwater best management practice retrofits to their campus. Per available funds, resources, and authorization, these projects may be implemented on Rose campus.

Rationale for Project (max 250 words)

- Outline why this project should be funded, i.e. what will this project contribute to improving storm water management in Greenville?

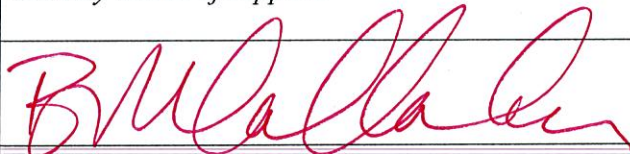
Stormwater runoff is a major issue in Greenville, especially with regards to impacted streams. This project will allow students to understand the relationships between weather (rainfall, evapotranspiration), land cover, soils, and stormwater runoff. This project will enhance the existing curriculum. Students will learn concepts related to weather, stormwater management, water quality, and will have the opportunity to affect their campus and city. This project will enhance stormwater management practices on the school campus and potentially create additional practices proposed by students. This project will also provide a valuable weather data source for the public.

Partners or Groups Involved (max. 250 words)

- Describe the group(s) and how they will be involved in the project

Mr. Brian Callahan, Mr. Michael Walter (?), and Mr. Clinton Todd (?) are teachers at J. H. Rose High School. Dr. Eban Bean, with East Carolina University, conducts research on stormwater management and will partner with Rose High School as a volunteer and will provide oversight and be a technical resource for the project.

<p>Risks and Responses</p> <ul style="list-style-type: none"> List any possible risks that may hinder the successful implementation of the project and note how these risks may be overcome <p>For example: --Risk: resistance from parent body to take on new project. --Response: hold two informational meetings to present project, generate one page overview for students to take home to parents.</p>	<p>Risk: Resistance from administration to install weather station and improve stormwater management,</p> <p>Response : Principal Langley is supportive of the project, and has provided a letter of support. In addition, we will advocate the educational opportunity and incorporate the project into courses.</p> <p>Risk: Instructors not assigned to teach classes that would incorporate this project.</p> <p>Response: Multiple teachers for AP Chemistry, Biology, and Environmental Science have been invited to be involved and expressed interest in the project. Additional teachers will provide alternate class options in case partner teachers are reassigned to different classes. Having project support from the school administration is expected to reduce the chances of this occurring.</p>
<p>Implementation Timeline</p> <ul style="list-style-type: none"> List key dates 	<p>Summer 2013: Install weather station; Begin data collection August 2013: Initiate School Program; Begin first phase; Recruit students Late Fall 2013: Begin Phase 2 Early Spring 2014: Complete campus stormwater map; Tour local streams; Begin Phase 3; Students begin developing project ideas. Tour local stormwater management practices. Late Spring 2014: Implement project(s), if possible.</p>
<p>Proposed Budget</p> <ul style="list-style-type: none"> Indicate how the 25% "in-kind" or financial contribution will be provided 	<p><i>Complete attached form</i></p> <p>"in-kind" contribution will be made by time contributed by Mr. Callahan, Mr. Walter (?), Mr. Todd (?), and Dr. Bean.</p> <p>Use of water quality equipment, surveying, design, and provided by Dr. Bean.</p>
<p>Benchmarks (max. 500 words)</p> <ul style="list-style-type: none"> Describe how the effect/impact of the project will be measured 	
<p>Completed Aspects:</p> <ul style="list-style-type: none"> Number of students involved in project. Weather and hydrologic data records for project period. Campus stormwater map, showing connections and flow paths across campus. Local stream field trip. Local stormwater management field trip. 	

<ul style="list-style-type: none"> • Number of proposed campus projects developed. • Number of installed projects. 	
<p>Post-project</p> <ul style="list-style-type: none"> • Detail any anticipated work that will need to be done once the grant is completed e.g. if a wetland is put in place, what will be needed to keep this functioning over the next 5 years. 	<p>Students and teachers will maintain the weather station by clearing it of debris and other routine activities.</p> <p>Maintenance of stormwater practice will be necessary. We will coordinate with grounds maintenance personnel and administration to implement lower maintenance projects. Student groups and classes may be enlisted to assist with regular maintenance.</p>
<p>Additional documentation</p>	<p><i>Provide paperwork that indicates that the proposing organization/person is within the City Limits of Greenville and any letters of support.</i></p>
<p>Signature of Responsible Party</p>	
<p>Date</p>	<p>4-26-2013</p>

Final Checklist

- ___ Application form is completed
- ___ Application form is signed and dated
- ___ Budget sheet is complete and attached
- ___ Proof of location of proposing organization is attached
- ___ Letter of support (optional)

Send complete application packet to:

Ms. A. J. Braddy
 Public Works Department - Engineering Division
 1500 Beatty Street
 Greenville, NC 27834

DEADLINE: APRIL 22, 2013

Project Name:
Organization:

~If the line item is not relevant to your proposal simply leave the line blank.
~Indicate in the *School Group Match* column those areas where the school group will contribute the required 25% in either donations or money

Budget Items	City of Greenville	School Group Match	Totals
Design	Budgeted Amount		
	In-kind contribution	150	150
Survey	Budgeted Amount		
	In-kind contribution	150	150
Education	Budgeted Amount	1,000	1,000
	In-kind contribution	300	300
Construction	Budgeted Amount	450	450
	In-kind contribution		
Plantings	Budgeted Amount	150	150
	In-kind contribution		
Printing	Budgeted Amount	50	50
	In-kind contribution		
Monitoring	Budgeted Amount	950	950
	In-kind contribution	200	200
Land	Budgeted Amount		
	In-kind contribution		

Other (please itemize)				
Budgeted Amount				
In-kind contribution				
Administration				
Budgeted Amount				
In-kind contribution				
Cash Sub-total	2,600			2,600
In-kind Sub-total		800		800
Total	2,600	800		3,400



J. H. ROSE HIGH SCHOOL

600 W. ARLINGTON BLVD.
GREENVILLE, NC 27834

(252) 321-3640
Administration

(252) 321-3644
Athletics

(252) 321-3648
Attendance

(252) 321-3646
Media

(252) 321-3652
JROTC

(252) 321-3649
Student Services

(252) 321-3653
J H Rose Fax

April 26, 2013

Greenville Environment Advisory Committee
Greenville, NC

Dear Greenville Environment Advisory Committee:

I am writing this letter to express my support for the Greenville Environment Advisory Committee Grant.

We would appreciate your consideration.

Sincerely,

A handwritten signature in red ink, appearing to read 'Charlie Langley'.

Charlie Langley
Principal

Amanda Braddy

From: Behm, Michael [BEHMM@ecu.edu]
Sent: Thursday, May 02, 2013 3:56 PM
To: Amanda Braddy; Chin, Robert A; Hugh Cox (hughcox@hughcox.com); Kinsey Holton; Marion Blackburn; Owen Burney, Jr; Scott Anderson; Scott Godefroy
Subject: RE: Grant Application for JH Rose High School

Hello EAC members.

I have a clarification on the grant submitted by JH Rose, and specifically the budget. The submittal requests \$2600; they are requesting \$2500. The construction cost requested should be \$350 not \$450 per my conversation with Eban Bean today. See you soon.

Regards, Mike

From: Amanda Braddy [mailto:AJBraddy@greenvillenc.gov]
Sent: Monday, April 29, 2013 1:39 PM
To: Amanda Braddy; Chin, Robert A; Hugh Cox (hughcox@hughcox.com); Kinsey Holton; Marion Blackburn; Behm, Michael; Owen Burney, Jr; Scott Anderson; Scott Godefroy
Subject: Grant Application for JH Rose High School

Hi All,

I have attached a copy of the application submitted by JH Rose for the stormwater grant. It will be discussed further at Thursday's meeting; however, it is here for your review.

Thanks,

Amanda Braddy
Administrative Assistant
City of Greenville PWD/Engineering
(252) 329-4467 office

This e-mail is for the intended recipient only.
If you have received it by mistake please let us know by reply and then delete it from your system; access, disclosure, copying, distribution or reliance on any of it by anyone else is prohibited.
If you as intended recipient have received this e-mail incorrectly, please notify the sender (via e-mail) immediately.

Grants with this in mind: air quality, energy conservation, water quality, water conservation, storm water quality, green building, bike paths, walking trails, lighting, recycling, waste reduction, engaging citizens in environmental issues, and the like AND how we can measure the impact of the aforementioned initiatives. These would be grants citizens, businesses, or the city could pursue.

Design Competition for EPA Expo

<http://www.epa.gov/ncer/p3/index.html>

Objectives: People, Prosperity, and the Planet—Program is a unique college competition for designing solutions for a sustainable future.

Goals: To create an innovation in the college setting to take to national expo in Washington DC, to chance to win grant to proceed with innovation

Focus: Educational facilities and design

S.T.A.R. grant for Water "Shed"

*may not qualify for in this location

https://ofmpub.epa.gov/apex/watershedfunding/f?p=116:2:0::NO::P2_X_PROG_NUM,P2_X_YEAR:52,2013

Objectives: Studying and testing for Water Shed issues

Goals: to prevent run-off of misc debris –mostly research-based funding

Focus: local gov, university, other

Other S.T.A.R. grants:

http://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/recipients.welcome/displayOption/grants

Many fellowships working with air, water, drinking water, water shed,

More water shed protection:

https://ofmpub.epa.gov/apex/watershedfunding/f?p=116:2:0::NO::P2_X_PROG_NUM,P2_X_YEAR:61,2013

Objectives: The National Integrated Water Quality Program (NIWQP) provides funding for research, education, and extension projects aimed at improving water quality in agricultural and rural watersheds

Goals: (1) Animal manure and waste management (2) Drinking water and human health (3) Environmental restoration (4) Nutrient and pesticide management (5) Pollution assessment and prevention (6) Watershed management (7) Water conservation and agricultural water management (8) Water policy and economics. Awards are made in four program areas - National Projects, Regional Coordination Projects, Extension Education Projects, and Integrated Research, Education and Extension Projects.

Focus: Please note that funding is only available to universities.

USDA site: http://www.csrees.usda.gov/funding/rfas/water_quality.html

5-star restoration program

http://water.epa.gov/grants_funding/wetlands/restore/index.cfm

Objectives: Promoting education of wetlands

Goals: understanding of the importance of healthy wetlands and streams in our communities.

Focus: local gov, education

Drinking Water State Revolving Fund

https://ofmpub.epa.gov/apex/watershedfunding/f?p=116:2:0::NO::P2_X_PROG_NUM,P2_X_YEAR:6,2013

http://water.epa.gov/grants_funding/dwsrf/index.cfm

Renewable energy (rural)*

<http://www.grants.gov/search/search.do;jsessionid=d7h0RtFZb0GwgqdDnNfDclYd2d6mKkS7v1VJGjSzhYnvCHT82pmG!-1168907641?oppId=229733&mode=VIEW>

Objective/Goals: REAP provides grants to agricultural producers and rural small businesses to conduct feasibility study for a renewable energy system as well as to purchase and install renewable energy systems or make energy efficiency improvements. The program is designed to help agricultural producers and rural small businesses reduce energy costs and consumption and help meet the Nation's critical energy needs.

Focus: Small Businesses (must be established for 3 yrs)

Environmental Engineering

<http://www.grants.gov/search/search.do;jsessionid=d7h0RtFZb0GwgqdDnNfDclYd2d6mKkS7v1VJGjSzhYnvCHT82pmG!-1168907641?oppId=229520&mode=VIEW>

==The Environmental Engineering program supports fundamental research and educational activities across the broad field of environmental engineering. The goal of this program is to encourage transformative research which applies scientific and engineering principles to avoid or minimize solid, liquid, and gaseous discharges, resulting from human activity, into land, inland and coastal waters, and air, while promoting resource and energy conservation and recovery. The program also fosters cutting-edge scientific research for identifying, evaluating, and monitoring the waste assimilative capacity of the natural environment and for removing or reducing contaminants from polluted air, water, and soils. Major areas of interest and activity in the program include: Environmental engineering implications of energy and resource consumption - Focus on conversion of wastes into value-added materials and energy, reduction of energy/water demand for environmental technologies, and the impact of energy and transportation processes on the environment. Availability of high quality water supplies

Water Study (NSF)

<http://www.grants.gov/search/search.do;jsessionid=d7h0RtFZb0GwgqdDnNfDclYd2d6mKkS7v1VJGjSzhYnvCHT82pmG!-1168907641?oppId=218756&mode=VIEW>

Objectives: Developing theoretical frameworks and models that incorporate the linkages and feedbacks among atmospheric, terrestrial, aquatic, oceanic, biotic and social processes that can be used to predict the potential impact

Goals: Water Sustainability and Climate (WSC) solicitation is to enhance the understanding and predict the interactions between the water system and land use changes (including agriculture, managed forest and rangeland systems), the built environment, ecosystem function and services and climate change/variability through place-based research and integrative models.

Focus: Any business, Local Gov, any

Well Water EPA

<http://www07.grants.gov/search/search.do;jsessionid=gdtTRtKFslBGZZKjPhzOyH1ZchTts1v1NgDVlQGrPjwfjdmHhnSP!-1168907641?oppId=228493&mode=VIEW>

Objectives: Improve well water conditions

ATTACHMENT B

(June 6, 2013 Fracking Discussion)

Action: For your review and approval.

Amanda Braddy

From: Kinsey Holton
Sent: Friday, June 07, 2013 4:24 PM
To: Amanda Braddy
Subject: EAC June 6th Meeting - Fracking Discussion

Amanda – The following is my summary of the discussion by EAC of hydraulic fracturing in North Carolina as relates to the City Council agenda item on fracking for their June 10th meeting.

Attendance: Bob Chin, Scott Anderson, Caroline Loop, Hugh Cox, Owen Burney, Marion Blackburn, Kevin Mulligan & Kinsey Holton

Discussion: Mr. Holton provided a copy of the agenda item for the June 10th City Council meeting on hydraulic fracturing in North Carolina. Mr. Holton outlined the report provided in the agenda item that provides information on what is hydraulic fracturing (aka “fracking”), associated benefits and impacts from fracking, what the potential fracking in North Carolina may be and the concerns associated with the disposal of fracking wastewater in Eastern North Carolina through deep well injection. Such concerns are focused on the impacts to groundwater resources within the Coastal Plain areas of North Carolina. Ms. Blackburn noted that the actual fracking in North Carolina was not the issue of concern for the City Council, but the proposed legislation by the General Assembly to lift the ban on deep well injection of fracking wastewater in the State. Ms. Blackburn continued to note that with Coastal Plain areas with deep aquifers to accept such deep well injections, the wastewater would be transported to Eastern North Carolina for disposal. Mr. Chin inquired as to what the economic benefit of transporting such wastewater to the Coastal Plains would be. Mr. Mulligan noted that due to the uncertain amount of natural gas resources within North Carolina, natural gas production companies are still unsure what economic benefit there would be. Mr. Mulligan noted the estimated natural gas resources for North Carolina have greatly been reduced from early estimates of 40 years to about 5 years’ worth of production.

Discussion then ensued regarding the composition of the fracking wastewater and Ms. Loop noted that along with the water and sand, there were chemical additives as well as naturally occurring contaminants from the earth such as heavy metals, salty brine and potentially radioactive materials. Mr. Mulligan noted that the composition of the fracking fluid has been an issue throughout the US as such information is proprietary and companies have not yet been willing to disclose the information. Mr. Mulligan also noted the fracking industry does continue to research other methods to deal with the fracking wastewater onsite such as filtration, reverse osmosis and other technologies that may allow the wastewater to be addressed through the National Pollutant Discharge Elimination System. Mr. Holton then noted for the deep well injection of the wastewater in the Coastal Plains would be into the Lower Cape Fear Aquifer that is below the two aquifers utilized by coastal communities. Such deep well injections had been banned for nearly 40 years since the contamination of the Black Creek Aquifer near Wilmington by Hercules, Inc. due to casing failures during injection of industrial wastewater from their operations. Mr. Mulligan addressed other concerns from deep well injections of such wastewater is the failure of the shallow casings that may affect other aquifers and potential drinking water sources.

Mr. Cox made a motion for the EAC to support the City Council resolution against deep well injection of wastewater in North Carolina and Mr. Burney seconded the motion. Mr. Cox also made a motion that he develop a statement of support from EAC to City Council of the resolution against deep well injection of wastewater in North Carolina and Mr. Burney seconded the motion. Mr. Scott Anderson then motioned to adjourn the meeting with a second by Mr. Cox.

Thanks,

Kinsey Holton, PE, CFM
Civil Engineer II - Stormwater
City of Greenville
1500 Beatty Street

Greenville, NC 27834
252.329.4350 office
252.329.4535 fax
kholton@greenvillenc.gov

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.



City of Greenville, North Carolina

Meeting Date: 6/10/2013
Time: 6:00 PM

Title of Item: Report on hydraulic fracturing (fracking) and consideration of a resolution relating to fracturing waste disposal

Explanation: **Abstract:** At the request of City Council at their meeting on May 9, 2013, this item is presented to provide information on the proposed hydraulic fracturing (fracking) activities in North Carolina.

Explanation: At the May 9, 2013 City Council meeting, City Council discussed adopting a resolution regarding fracking. The issue was tabled until June 10, at which time City Council requested a staff report be included on the agenda to provide details on fracking, including a discussion on both sides of the issue. Staff was directed to consult with representatives of the Environmental Advisory Commission and the Pamlico Tar River Foundation for input. Of particular note, the proposed resolution from Dare County presented by Council Member Blackburn as a guide for Greenville to adopt specifically relates to the injection of fracking waste in Eastern North Carolina.

In March 2013, the Energy Jobs Act (Senate Bill 76) was passed by the North Carolina Senate and will authorize the Department of Environment and Natural Resources (DENR) to issue permits on or after March 1, 2015 for oil and gas exploration and development activities in the state. The North Carolina Mining and Energy Commission is currently working on the rule-making on how to regulate the activities.

Senate Bill 76 (SB76) specifically addresses the disposal of fluids produced during the process of hydraulic fracturing associated with the development of natural gas resources. Although SB76 does not include language which specifically identifies where waste disposal (via well injection) will be permitted, there has been a significant amount of public discussion about the disposal of fracturing fluids into the coastal areas of the state.

The attached report provides information on the advantages and disadvantages of hydraulic fracturing, what areas within North Carolina such activities would

occur, and how those activities may affect Greenville.

Fiscal Note: There is no fiscal impact on the City's budget associated with this agenda item.

Recommendation: City Council review the information provided in the attached report and presentation.

Viewing Attachments Requires Adobe Acrobat. [Click here](#) to download.

Attachments / click to download

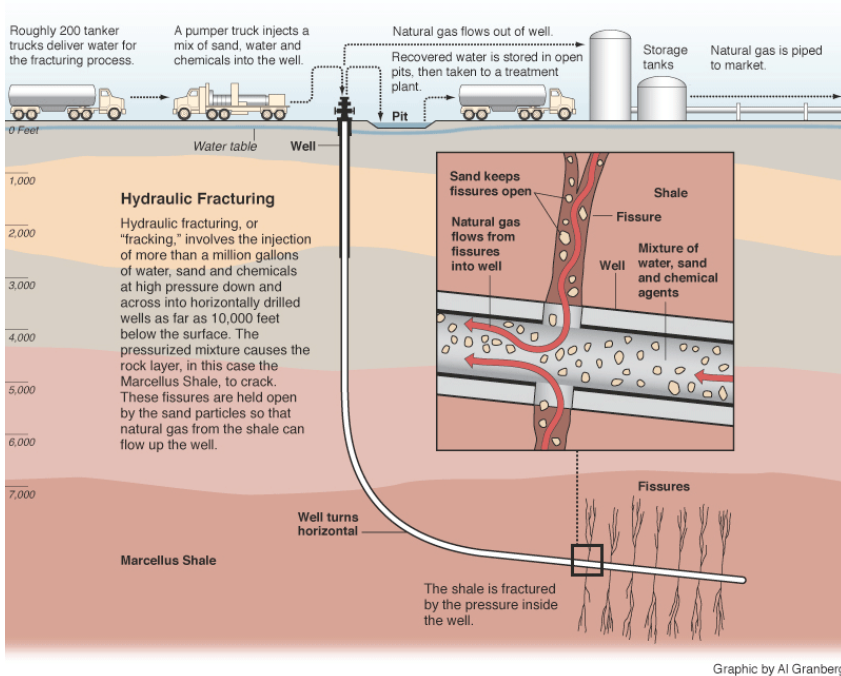
[Report to CC on Hydraulic Fracturing in NC 955423](#)

[RESOLUTION OPPOSING THE SUBSURFACE INJECTION OF FRACKING WASTE IN EASTERN NORTH CAROLINA 956169](#)

HYDRAULIC FRACTURING IN NORTH CAROLINA

Hydraulic fracturing, commonly referred to as “fracking”, is the process of inducing high-pressure water and chemicals into the subsurface to fracture rocks, thereby enhancing the permeability of those rocks, to release the natural gas trapped inside. The U.S. has vast reserves of natural gas that are commercially viable as a result of advances in horizontal drilling and hydraulic fracturing technologies enabling greater access to gas in shale formations. Responsible development of America's shale gas resources offers economic, energy security, and environmental benefits. Types of fracking have been employed in the water-supply well industry for years. The methods vary, and include injection of high pressure fluids and inducing controlled explosions (dynamite was used in the past). Recent fracking techniques for natural gas and oil recovery rely on fluids with a variety of physical and chemical additives.

The basic phases of natural gas production include drilling preparation (4 to 8 weeks), drilling rig construction and well drilling (4 to 5 weeks), hydraulic fracturing (2 to 5 days) and natural gas production (25 to 40 years). When the well is drilled, a series of protective steel-and-cement layers are installed that maintain the integrity of the well and protect the surrounding formations. In the upper part of the well, multiple layers of cement and steel casing are installed to create an impermeable barrier between the well and groundwater zones. Casing deeper in the well is also used to ensure its integrity and to isolate natural gas formations from the surrounding areas.



Concerns associated with the fracking process include:

- Fracking requires anywhere from two to five million gallons of water for just one well, which could place stress on surface water and ground water supplies from the withdrawal of large volumes of water used in drilling and hydraulic fracturing;
- Contamination of underground sources of drinking water and surface waters resulting from spills, faulty well construction, or by other means;
- Adverse impacts from discharges into surface waters or from disposal into underground injection wells; and
- Air pollution resulting from the release of volatile organic compounds, hazardous air pollutants, and greenhouse gases.

Of significant concern is the return of 9% to 35% of the injected fluids to the surface as wastewater that contains the potentially hazardous chemicals used for the fracking process. The wastewater also contains contaminants collected from the fractured rocks deep within the earth, such as heavy metals, volatile organic compounds, salty brine and radioactive materials. Currently the technology to remove the

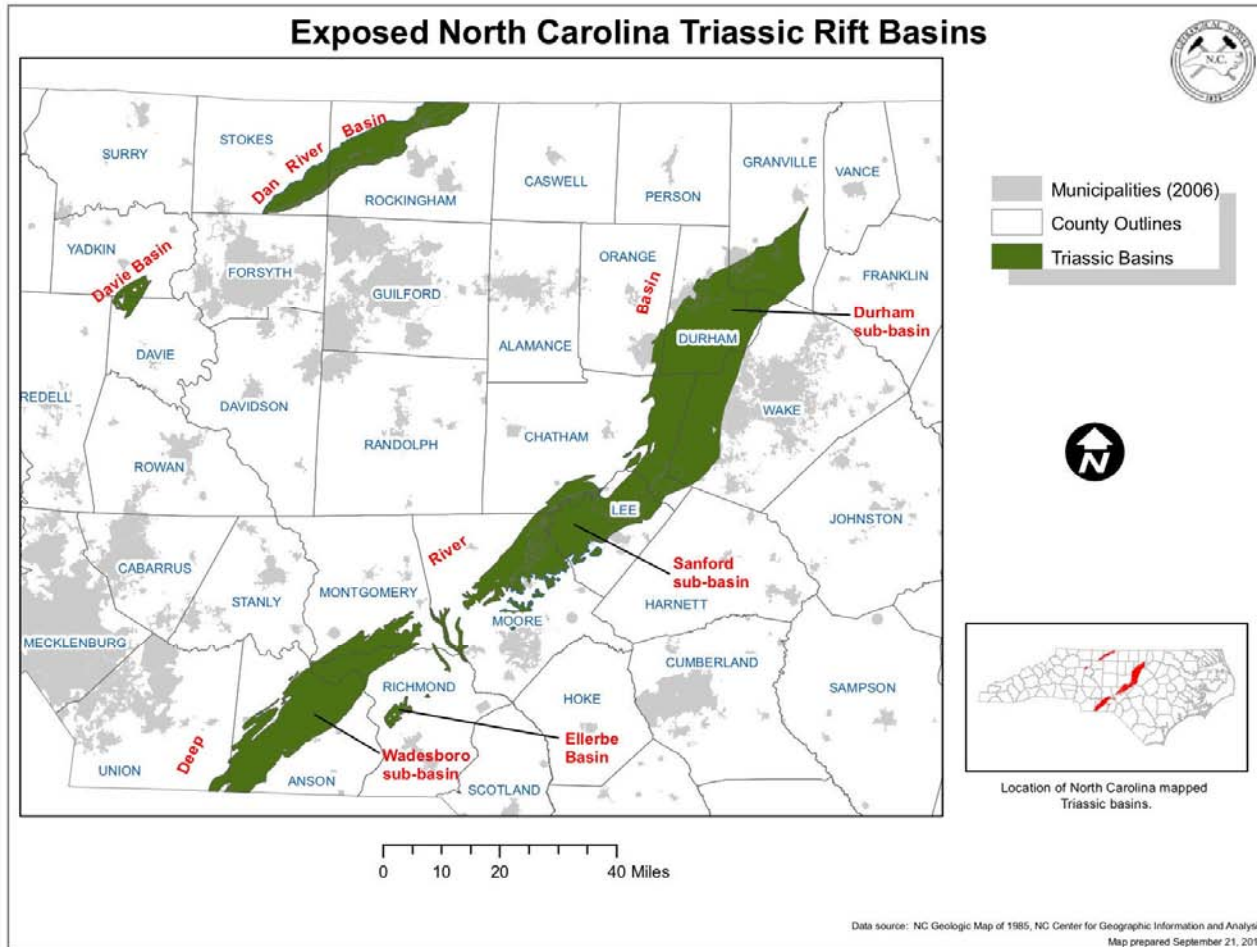
HYDRAULIC FRACTURING IN NORTH CAROLINA

contaminants and radioactivity from the wastewater onsite or at treatment plants is costly and as a result, some companies are looking for more cost effective approaches to dispose of the wastewater such as deep well injection.

Some of the benefits of hydraulic fracturing are:

- Natural gas is relatively abundant in the US, especially in our shale deposits.
- Natural gas is much cleaner as an energy source than coal and oil (lower GHGs after combustion).
- Increased natural gas production will help the US with energy security.
- When performed properly, drilling, fracking, and extraction of natural gas is safe and economical.

In North Carolina, potential sources of natural gas resources are located in the Triassic Rift basins as shown in the following figure. The Triassic Rift is an area of shale with technically recoverable natural gas. Original estimates of recoverable natural gas indicated the resource could meet the State's natural gas demand for close to 40 years, though a more recent estimate by the USGS indicates the resource would only meet the State's natural gas demand for 5.6 years.



In March 2013, the Domestic Energy Jobs Act (Senate Bill 76) was passed by the North Carolina Senate and will authorize the Department of Environment and Natural Resources (DENR) to issue permits on or after March 1, 2015 for oil and gas exploration and development activities in the State. The North

HYDRAULIC FRACTURING IN NORTH CAROLINA

Carolina Mining and Energy Commission is currently working on the rule-making on how to regulate the activities. A provision in the bill would change state law to allow wastewater from hydraulic fracturing to be pumped into injection wells. The State has banned using injection wells for hazardous waste since 1972. This ban was put in place shortly after the contamination of the Black Creek Aquifer near Wilmington by Hercules Inc., which had been using injection wells for industrial wastewater.

Opponents of fracking in North Carolina believe that the process is regulated under the Safe Drinking Water Act of 1974, a federal law created to "protect drinking water from contamination by the underground injection of waste." However, in the 2005 Energy Policy Act, Congress made clear that underground injection fluids or propping agents were excluded from the Safe Drinking Water Act, creating a loophole for hydraulic fracturing. The Ground Water Protection Council ultimately concluded that regulations governing fracking should be kept at the state level to allow for consideration of regional conditions, along with more efficient inspections and operations management oversight. The risks and rewards of fracking stay with the states.

In many regions of the U.S., underground injection is the most common method for disposal of fluids or other substances from shale gas extraction operations. The North Carolina Piedmont, which hosts most of the shale formations suitable for fracking, doesn't have the type of deep aquifers required for this type of disposal. The area most suitable for this disposal is the Coastal Plain area of North Carolina. The coastal plains have the right rock types capable of receiving the volumes of fluid generated by fracking operations. As a result, opposition to the bill continues to grow in coastal North Carolina over the wastewater injection well provision that would allow drilling operators to pump millions of gallons of wastewater a year into the region's aquifers.

SB76 specifically addresses the disposal of fluids produced during the process of hydraulic fracturing associated with the development of natural gas resources. Although SB76 does not include language which specially identifies where waste disposal (via well injection) will be permitted, there has been a significant amount of public discussion about the disposal of fracturing fluids into the coastal areas of the State.

One common misconception is that the saline portions of the State's coastal aquifer systems are unusable. To the contrary, coastal communities utilize both the fresh water portions of the aquifers and the saline portions of our aquifers to meet our current (and future) water demands. The saline portions of the system will become an increasingly important water source as population demands continue to increase.

North Carolina shale basins and fracking waste

The legislative proposal to permit deep well injection of industrial wastes is intended to encourage fracking in Lee County, but the recipients of the toxic waste would likely be communities in eastern NC because the geology of central NC is unsuitable for deep well injections.



Greenville Utilities Commission (GUC) utilizes an Aquifer Storage and Recovery (ASR) system to inject treated drinking water into an aquifer to augment groundwater resources and provide a way to recover the water in the future for various uses. While GUC's ASR system is stored within the Black

HYDRAULIC FRACTURING IN NORTH CAROLINA

Creek and Upper Cape Fear Aquifers, there may be a possibility for impacts from the proposed fracking wastewater injections into the Lower Cape Fear Aquifer. The following is a figure illustrating a cross-section of the aquifers for eastern North Carolina.

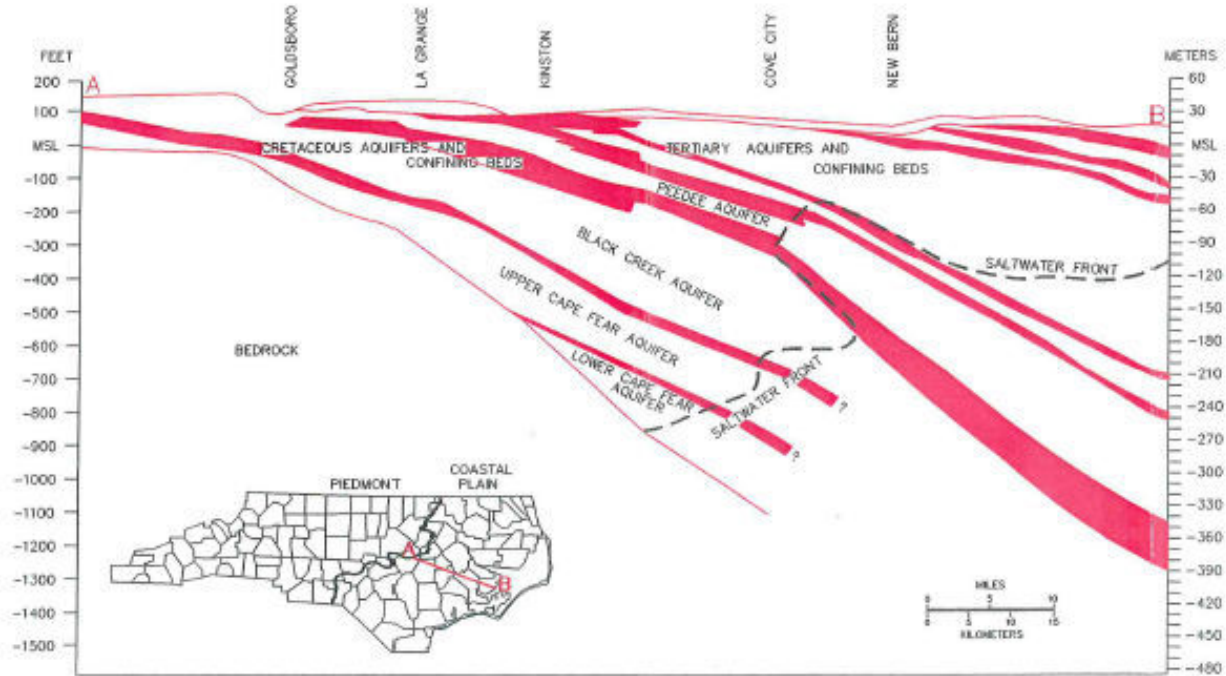


FIGURE 5.3 Hydrogeologic section through the central Coastal Plain showing the Cretaceous aquifers and confining beds and the position of the saltwater front. (Adopted from Winner and Coble, 1996, Plate 5)

In summary, there are advantages and disadvantages related to fracking. As expected, there will continue to be significant public discourse on fracking and its associated waste disposal in North Carolina and other areas of the country as we strive to reduce dependence on imported oil sources by providing alternate sources of energy in America.

RESOLUTION NO. 033-13

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF GREENVILLE OPPOSING THE
SUBSURFACE INJECTION OF FRACKING WASTE IN EASTERN NORTH CAROLINA

WHEREAS, the protection of the source of future drinking water supplies for eastern North Carolina is vital to the current and future residents of eastern North Carolina. Senate Bill 76 (SB76) will authorize the Department of Environment and Natural Resources (DENR) to issue permits on or after March 1, 2015, for oil and gas exploration and development activities in the State. Part IV of the proposed legislation is an amendment to the existing statute governing subsurface fluid injection. Currently, the discharge of any wastes to the subsurface or ground waters of the State by means of wells is prohibited;


WHEREAS, the intent of Part IV of SB76 is to lift the ban on subsurface injection through adoption of the following specific language: "The discharge of any wastes to the subsurface or groundwaters of the State by means of wells is prohibited. This section shall not be construed to prohibit (i) the operation of closed-loop groundwater remediation systems in accordance with G.S. 143-215.1A or (ii) injection of hydraulic fracturing fluid for the exploration or development of natural gas resources and water produced from subsurface geologic formations during the extraction of natural gas, condensate, or oil in North Carolina;"

WHEREAS, SB76 therefore provides for the termination of the current ban on injection of liquid wastes by means of wells into the groundwater system in North Carolina, and SB76 specifically addresses the disposal of fluids produced during the process of hydraulic fracturing associated with the development of natural gas resources. Although SB76 does not include language which specifically identifies where waste disposal (via well injection) will be permitted, the potential for the introduction of contaminants via injection wells creates a threat to the utilization of aquifers as potable water sources; and

WHEREAS, the groundwater resources of eastern North Carolina include prolific aquifers which serve as a source of water for municipal, agricultural, industrial, and residential use within the region and are vital to the future of the region and the State of North Carolina as a whole. The protection of these vital resources cannot be compromised. Because of this, it is important that the North Carolina General Assembly not pass SB76, or any other legislation which effectively lifts the ban on injecting liquid wastes into the fresh or saline parts of the groundwater systems of North Carolina without first completing a thorough study of the potential effects of these actions;

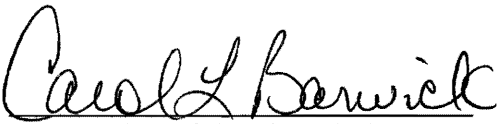
NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Greenville that it does hereby express its opposition to the subsurface injection of fracking waste in eastern North Carolina and request the North Carolina General Assembly, through the delegation representing the House and Senate districts of which Greenville is a part, to maintain the current laws in North Carolina that prevent disposal of hydraulic fracturing waste through underground injection or above ground storage in eastern North Carolina and to take no action that would weaken these laws before a viable option for disposal of fracking waste is found that does not include eastern North Carolina.

This the 10th day of June, 2013.



Allen M. Thomas, Mayor

ATTEST:



Carol L. Barwick, City Clerk

CITY OF GREENVILLE, NORTH CAROLINA
ENVIRONMENT ADVISORY COMMISSION
RECOMMENDATION TO THE CITY COUNCIL

The City of Greenville Environmental Advisory Commission, in furtherance of its charter and duty, unanimously recommends that the City Council adopt the resolution regarding the opposition of subsurface injection fracking waste in Eastern North Carolina now scheduled for consideration on the City Council agenda of June 10, 2012 at 6:00 PM. This resolution opposes subsurface injection of hydraulic fracturing liquid waste used in natural gas extraction that may be deposited in Eastern North Carolina. Senate Bill 76 will allow millions of gallons of hydraulic fracturing waste to be trucked or transported from across the United States to subsurface waste sites in Eastern North Carolina causing possible risk to the City of Greenville and the region.

Respectfully submitted from the
City of Greenville Environmental Advisory Commission
This 10th day of June, 2013.

Robert Chin, Chair

Environmental Advisory Commission Members:

Scott Anderson, Vice Chair

Michael Behm

Owen Burney

Hugh Cox

David Kimmel

Caroline Loop

ATTACHMENT C

(EAC Calendar)

Action: For your information.

PROPOSED EAC SCHEDULE
2013-2014
August 1, 2013

August-13						
S	M	T	W	R	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1	FROGGS: Update/Report
2	EAC CALENDAR: Finalize
3	EAC GRANT: Funding Sources (Goal #7)
4	QUANTIFYING EAC's EFFORT: (Goal #9)
5	GCPP: Update
6	QUARTERLY UST/AST REPORT

PROPOSED EAC SCHEDULE
2013-2014
September 5, 2013

September-13						
S	M	T	W	R	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

1	RESOURCE CONSERVATION PROMOTION: (Goal #4)
2	EAC CITIZEN ENGAGEMENT: (Goal #1)
3	GTV - PSA: October, November, December
4	GCPP: Update
5	
6	

PROPOSED EAC SCHEDULE
2013-2014
October 3, 2013

October-13						
S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1	KEEP GREENVILLE BEAUTIFUL: Update/report
2	EAC 2013-2014 GRANT: Update
3	EAC GRANT FUNDING SOURCES: 2014-2015 Focus (Goal #7)
4	EAC ENGAGEMENT: City Council & Commissions (Goal # 2)
5	REDUCTION IN VOLUME OF WASTE: (Goal #3)
6	GCPP: Update

PROPOSED EAC SCHEDULE
2013-2014
November 7, 2013

November-13						
S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1	FROGGS: Update/Report
2	GOALS & OBJECTIVES: Review/consider suggestions for City Council
3	GCPP: Update
4	QUARTERLY UST/AST REPORT
5	
6	

PROPOSED EAC SCHEDULE
2013-2014
December 5, 2013

December-13						
S	M	T	W	R	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1	GOALS AND OBJECTIVES: Finalize
2	COUNCIL PRESENTATION: Brainstorm
3	STORMWATER: Annual report to State
4	GTV - PSA: January, February, March
5	GCPP: Update
6	

PROPOSED EAC SCHEDULE
2013-2014
February 6, 2014

February-14						
S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

1	FROGGS: Update/report
2	2014 GOALS: Implementation
3	2013-2014 EAC GRANT: Update
4	GCPP: Update
5	QUARTERLY UST/AST REPORT
6	

PROPOSED EAC SCHEDULE
2013-2014
January 2, 2014

January-14						
S	M	T	W	R	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1	COUNCIL PRESENTATION: Review and finalize
2	ELECTIONS
3	2014 GOALS: Implementation
4	2014 EAC GRANT
5	
6	

PROPOSED EAC SCHEDULE
2013-2014
March 6, 2014

March-14						
S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1	2014 GOALS: Implementation
2	2014 EAC GRANT
3	GTV-PSA: April, May, June
4	GCPP: Update
5	
6	

PROPOSED EAC SCHEDULE
2013-2014
April 3, 2014

April-14						
S	M	T	W	R	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1	<u>2014 GOALS:</u> Implementation
2	<u>2014 EAC GRANT</u>
3	<u>GCPP:</u> Update
4	<u>CITY COUNCIL CHAMBERS MEETING DISCUSSION</u>
5	
6	

PROPOSED EAC SCHEDULE
2013-2014
May 1, 2014

May-14						
S	M	T	W	R	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1	<u>FROGGS: Update/Report</u>
2	<u>EAC CALENDAR:</u> Proposed Calendar
3	<u>2014 EAC GRANT</u>
4	<u>GTV-PSA:</u> July, August, September
5	<u>GCPP:</u> Update
6	<u>QUARTERLY UST/AST REPORT</u>

PROPOSED EAC SCHEDULE
2013-2014
June 5, 2014

June-14						
S	M	T	W	R	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

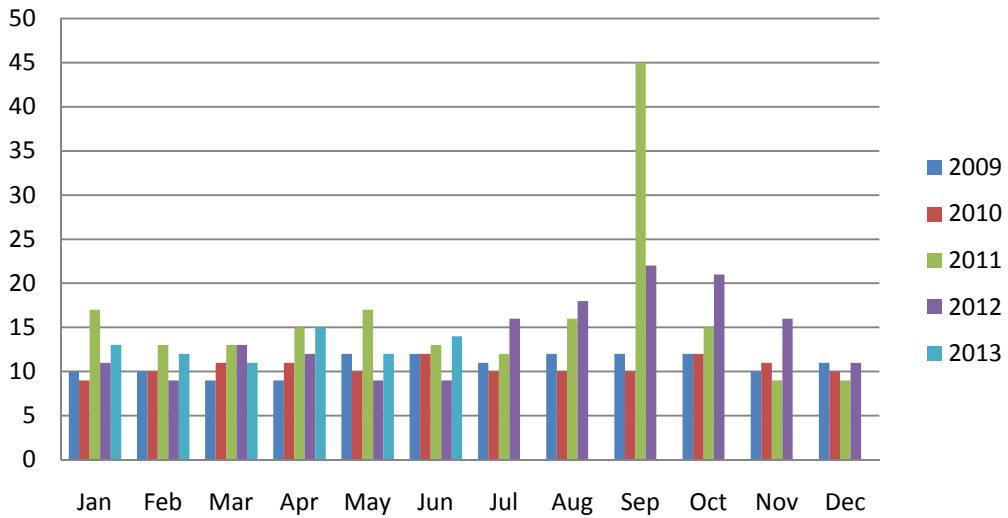
1	<u>EAC GRANT PROGRAM:</u> Presentation.
2	
3	
4	
5	
6	

ATTACHMENT D

(Recycling Report)

Action: For your review.

Recycling Diversion Rate 2009-2013 (Tonnage)



ATTACHMENT E

(Quarterly UST/AST Report)

Action: For your information.

**SUMMARY TABLE OF UST INCIDENTS
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
6/12/2013	WHITE RESIDENCE (ALEX)	316 RUTLEDGE ROAD		SL	(1) 280-GAL HEATING OIL UST REMOVED 6/12/13. RB SOIL SAMPLES BDL. GW ENCOUNTERED AT APPROX. 8 TO 9 FEET. REQUESTING IAA.////
6/5/2013	HANNAH PROPERTY (HERBERT)	413 PITTMAN DR.		SL	(1) 280-GAL HEATING OIL UST REMOVED 6/5/2013. DID NOT ENCOUNTER GW. REQUESTING IAA.
5/8/2013	HALL RESIDENCE (RALPH)	111 HARDEE ST.		SL	(1) 280-GAL HEATING OIL UST CLOSED IN PLACE 5/8&9/2013. GW ENCOUNTERED AT ~ 3.25 FT. SOIL SAMPLES TAKEN CLOSE TO TANK WERE BELOW STGW MSCCs. TAKEN AT 1.5 TO 2.5 FT BLS. REQUESTING IAA.////
5/8/2013	POLVINALE PROPERTY (CARL)	1906 EAST FIFTH STREET		SL	(1) 450-GAL HEATING OIL UST REMOVED 5/8/2013. SOIL SAMPLES ABOVE RESIDENTIAL MSCCs. GW ENCOUNTERED AT ~ 10 FT. IAA REQUESTED.////
4/24/2013	BARO PROPERTY (JOSE)	1505 RAGSDALE ROAD		SL	(1) 280-GAL HEATING OIL UST REMOVED 4/24/2013. SOIL ABOVE MSCCs ON EW. GROUNDWATER ENCOUNTERED. ANALYTICAL RESULTS TO FOLLOW IN IAA. ALSO, (1) 280-GAL HEATING OIL UST CLOSED IN PLACE 4/23/2013.
4/17/2013	DOUGH RESIDENCE (ROBERT)	108 AVON LANE	6/28/2013	SL	(1) 250-GAL HEATING OIL UST REMOVED. NO GW ENCOUNTERED. SOIL BELOW SOIL-TO-GW MSCCs./// REC'D IAA 6/10/2013. NO FURTHER ACTION.
4/10/2013	CALDWELL RESIDENCE (M. DOUGLAS)	307 NICHOLS DRIVE		SL	(1) 280-GAL HEATING OIL UST REMOVED 4/10/2013. SOIL ABOVE RESIDENTIAL MSCCs ON NW. GW ENCOUNTERED. IAA REQUESTED 5/31/2013. ///
3/21/2013	KASPEREK RESIDENCE (GEORGE)	1802 DREWRY LANE	6/10/2013	SL	280 GALLON HOME HEATING OIL UST REMOVED. AFTER EXCAVATION, SOIL BELOW S-GW MSCCs. GW NOT ENCOUNTERED DURING EXCAVATION. IAA REPORT REQUESTED. NFA
3/19/2013	St. Peter Catholic Church Property	2605 East 4th Street		SL	280 GALLON HEATING OIL UST REMOVED. AFTER EXCAVATION, SOIL BELOW S-GW MSCCs. GW ENCOUNTERED DURING EXCAVATION. GW RESULTS TO FOLLOW IN IAA REPORT.
3/11/2013	KANGROO EXPRESS #3083	700 SOUTH MEMORIAL DRIVE		GW	
1/9/2013	Bowen Property (Parcels 53,53,54 & 57)	1310 West 14th Avenue		GW	Preliminary Site Assessment Report submitted on behalf of the North Carolina Department of Transportation. The report documents investigation activities related to NCDOT Project U-3315 (Stantonsburg Road to 10th Street Connector) for Parcels 52, 53, 54, and 57 located at 1310 West 14th Avenue in Greenville, NC. Information in the report confirms a release or discharge of petroleum product at the above-referenced location. Soil and groundwater sample results indicate that contamination is present at levels that exceed NC soil and groundwater standards. WARO REQ LSA. Property owner sent correspondence. State that they have never owned or operated USTs. USTs were removed from the properties prior to purchase over 20 years ago. Not enough info to determine NRP. Referred to State Lead 7/11/2013.
12/18/2012	PORTER PROPERTY (MATT)	105 MARTINSBOROUGH ROAD		GW	700 GALLON HOME HEATING OIL UST REMOVED. AFTER EXCAVATION, SOIL BELOW S-GW MSCCs. GROUNDWATER ENCOUNTERED DURING EXCAVATION. GW EXCEEDS 2L. (MTBE 1.2 UG/L) LSA REQUESTED. LOW RANK, NRP FOR GROUNDWATER ONLY

**SUMMARY TABLE OF UST INCIDENTS
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
12/3/2012	MATTHEIS RESIDENCE (FLOYD)	1402 EVERGREEN DR.	6/5/2013	GW	(1) 280-GAL HEATING OIL UST REMOVED ON 12/3/2012. SOIL SAMPLES BRL. ENCOUNTERED GW. REQUESTED IAA.
11/28/2012	COX PROPERTY (LIAM)	420 LINE AVENUE		GW	NCDOT ROAD WIDENING PROJECT. ALL SOIL BELOW S-TO-G. GRDWATER ABOVE 2L BUT BELOW GCL.
11/15/2012	VANWAGENEN PROPERTY (ANN)	2606 JACKSON DRIVE		SL	7/11/2013 - SEE NOTE TO FILE IN HARD FILE. THIS INCIDENT BEGAN UNDER CONSULTANT ALLIED ENVIRONMENTAL. THEY ASKED FOR CLOSURE IN PLACE WHICH WE APPROVED. NORR SENT 1/16,2013 FOR SUBMITTAL OF IAA REPORT. NO RESPONSE. CONSULTANT GMA CONTACTED BY CLIENT TO RESUME WORK.
10/11/2012	BAILEY RENTAL - JACKSON DRIVE	2610 JACKSON DRIVE	2/14/2013	SL	(1) 250-GAL HEATING OIL UST REMOVED. ENCOUNTERED GW AT 6.5 FT. RB SOIL SAMPLES BELOW STGW. REQUESTED IAA10/26/2012./// REC'D IAA. GW BRL. NFA
10/11/2012	BAILEY RENTAL - ALEXANDER CIRCLE	111 ALEXANDER CIRCLE	3/19/2013	SL	(1) 280-GAL HEATING OIL UST REMOVED 10/11/12. GW ENCOUNTERED APPROX. 6 FT BLS. SIDEWALL SOIL SAMPLE SW ABOVE STGW. IAA TO FOLLOW W/GW SAMPLING RESULTS./// Rec'd IAA. GW below 2L. Requesting LSA.///
10/10/2012	ECU 14TH STREET PARKING LOT	E. 14TH ST. AND HASKETT WAY		SL	ORPHANED HEATING OIL UST DISCOVERED DURING PARKING LOT CONTRUCTION. UST REMOVED. SOIL EXCEEDS RES. MSCCS POST EXCAVATION. LSA REQUESTED 1/30/2013.
10/3/2012	Moore Property (Parcel 51) NCDOT U-3315	1402 West 14th Street		GW	Preliminary Site Assessment Report submitted on behalf of the North Carolina Department of Transportation. The report documents investigation activities related to NCDOT Project U-3315 (Stantonsburg Road to 10th Street Connector) for Parcels 51 located at 1402 West 14th Street in Greenville, NC. Information in the report confirms a release or discharge of petroleum product at the above-referenced location. Soil and groundwater sample results indicate that contamination is present at levels that exceed NC soil and groundwater standards. PROBABLE COMINLED PLUME W/ Inc.(38381) WARO REQ. LSA.
10/3/2012	NCDOT GREENVILLE	104 WEST BELVOIR/HWY 11	10/3/2012	NO	clean closure; no contamination observed during closure; since no contamination observed no samples were taken.
9/26/2012	NCDOT GREENVILLE	104 WEST BELVOIR/HWY 11	9/26/2012	SL	2 4000 GALLON HEATING OIL USTS CLOSED BY REMOVAL;
9/7/2012	BUCK PROPERTY (MELVA)/FORMER FLEMING STATION	1001 DICKINSON AVE.		GW	NCDOT ROAD WIDENING PROJECT SAMPLING REVEALED SOIL AND GRDWATER CONTAMINATION NEAR ONE OF THE 4 USTS. ASKED FOR SITE CHECK.
9/7/2012	CITY OF GREENVILLE(former fleming station)	1011 DICKINSON AVE		GW	
8/31/2012	SAMIR PROPERTY (ALI)	514 NORTH WATAUGA AVE		SL	NCDOT ROAD WIDENING PROJECT. RISK BASED SOIL SAMPLING SHOWED ABOVE S-TO-GRDWATER BUT BELOW RESIDENTIAL STDS. GRDWATER = NON DETECT. NEED A RECEPTOR SURVEY...IF NO RECEPTORS THEN NFA.
8/23/2012	MAYO PROPERTY (ROSETTA)	223 CHURCHILL DR.	11/14/2012	SL	(1) 550-GAL HEATING OIL UST REMOVED 8/23/2012. DID NOT ENCOUNTER GW. SOIL ABOVE TPH. AFTER EXCAVATION SIDEWALL AND BOTTOM SOIL SAMPLES BELOW MSCCS. REQUESTING IAA.///REC'D IAA, NFA LTR SENT 11/9/2012.

**SUMMARY TABLE OF UST INCIDENTS
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
8/16/2012	Brody Properties (Parcel 107)	100 East 10th Street		SL	Preliminary Site Assessment Report submitted on behalf of the North Carolina Department of Transportation. The report documents investigation activities related to NCDOT Project U-3315 (Stantonsburg Road to 10th Street Connector) for Parcel 107 located at 100 E. 10th Street in Greenville, NC. Information in the report confirms a release or discharge of petroleum product at the above-referenced location. Soil sample results indicate that contamination was detected at levels below nc standards, however, a confirmaton soil sample is required for MADEP analysis.
8/14/2012	ALDRIDGE RENTAL	2007 SHERWOOD DR.	2/13/2013	SL	(1) 280 GALLON HOME HEATING OIL UST REMOVED. SOIL EXCEEDS RES. MSCCS NEXT TO FOUNDATION. GW BDL. LSA REQUESTED 1/2/2013
8/6/2012	Peele Property (Parcel 105)	111 West 10th Street		GW	The Underground Storage Tank (UST) Section, Washington Regional Office is in receipt of a Preliminary Site Assessment Report submitted on behalf of the North Carolina Department of Transportation. The report documents investigation activities related to NCDOT Project U-3315 (Stantonsburg Road to 10th Street Connector) for Parcels 105 located at 111 West 10th Street in Greenville, NC. Possible UST discovered. Report confirms a release or discharge of petroleum product.. Soil and groundwater sample results indicate that contamination is present at levels that exceed NC soil and groundwater standards. WaRO REQ. LSA. PERC ALSO DISCOVERED.
8/2/2012	WILLE RESIDENCE (CARLIE)	204 MARTINSBOROUGH ROAD	1/30/2013	GW	(1) 550-GAL HEATING OIL UST CLOSED IN PLACE 8/2/2012. LIMITED EXCAVATION SHOWS SIDEWALL SOIL SAMPLES BRL. GW ENCOUNTERED APPROX 4 FT. BLS. IAA REQUESTED.///REC'D IAA. GW ABOVE 2L. REQUESTING LSA./// NRP LTR SENT 12/10/2012. SITE EXCEEDS "UNRESTRICTED USE STDS" FOR BOTH SOIL & GW.
8/1/2012	WILLIAMS PROPERTY (WALTER)	204 WEST 10TH STREET		GW	NCDOT ROAD WIDENING PROJECT
7/31/2012	TRADE MART #2	210 WEST 10TH STREET		GW	NCDOT ROAD WIDENING PROJECT
7/25/2012	C. M. EPPES MIDDLE SCHOOL	1100 SOUTH ELM STREET	11/16/2012	SL	Tank # 2 = (1) 2,000-GAL HEATING OIL UST REMOVED 7/24-25/2012. DID NOT ENCOUNTER GW. SOIL ABOVE TPH BUT BELOW MSCCs. Concrete pad encountered at approx 9 ft. bls. Tank #1 = EXCAVATED SOIL, FOUND PIPING BUT NO TANK (obviously 1,000-gal heating oil tank had been removed previously.) NO CONTAMINATION WAS EVIDENT AT THIS LOCATION.
7/17/2012	LEAMY RESIDENCE (NANCY)	615 ELEANOR STREET	12/19/2012	GW	280 GALLON HOME HEATING OIL UST REMOVED. SOIL EXCEEDS S-GW MSCCS NEXT TO FOUNDATION. GW BELOW 2L. LSA REQUESTED.
7/16/2012	CARRAWAY ESTATE	1605 BEAUMONT DRIVE	1/30/2013	SL	280 GALLON HOME HEATING OIL UST REMOVAL. SOIL EXCEEDS RES. MSCCS NEXT TO FOUNDATION. IAA/LSA REQUESTED. LOW RANK. NRP FOR SOIL ONLY.
7/16/2012	THE PANTRY #900	4300 EASTERN PINE ROAD	3/18/2013	SL	(2) 8000 GASOLINE UST'S REMOVED. IAA/LSA SUBMITTED. AFTER OVER EXCAVATION, SOIL BELOW S-GW MSCCS, GW BELOW 2L, EXCEPT FOR LEAD (24.7). LOW RANK, CLEAN CLOSURE.

**SUMMARY TABLE OF UST INCIDENTS
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
6/27/2012	PERKINS DUPLEX	403 S. SUMMIT STREET	1/30/2013	GW	2 HEATING OIL USTS REMOVED FROM THIS PROPERTY. COMBINED ONTO 1 EXCAVATION. SOIL EXCEEDS RES. MSCCS NEXT TO FOUNDATION. GW SAMPLE RESULTS TO FOLLOW IN IAA REPORT. GROUDNWER ESXCEEDS 2L STANDARDS. LSA REQUESTED. LOW RANK. NRP FOR SOIL AND GW.
6/13/2012	KENDRICK PROPERTY (SCOTT)	905 SE GREENVILLE BLVD.	9/26/2012	GW	280 GALLON HOME HEATING OIL UST REMOVAL. AFTER EXCAVATION, SOIL CONTAMINATION BELOW S-GW MSCCS. GW ENCOUNTERED DURING EXCAVATION. GW RESULTS TO FOLLOW IN IAA REPORT. GW BELOW 2L. NFA.
6/11/2012	HOWIE RESIDENCE (ANN)	1009 NORTH OVERLOOK DR.	10/24/2012	SL	(1) 280-GAL HEATING OIL UST REMOVED ON 6/11/2012. DID NOT ENCOUNTER GW. ALL SOIL SAMPLES BELOW STGW. REQUESTING IAA. /// NFA LETTER SENT 10/24/2012.
6/5/2012	SAINT JAMES PARSONAGE	114 LORD ASHLEY DRIVE	12/17/2012	SL	550 GALLON HOME HEATING OIL UST REMOVAL. AFTER EXCAVATION, SOIL BELOW S-GW MSCCS. GW ENCOUNTERED. GW RESULTS TO FOLLOW IN IAA REPORT.
5/21/2012	WHITEHURST ESTATE	103 MARTINSBOROUGH RD.		SL	550 GALLON HOME HEATING OIL UST REMOVAL. AFTER EXCAVATION SOIL BDL. GW ENCOUNTERED. GW RESULTS TO FOLLOW IN IAA REPORT. GW BDL, NFA.
5/14/2012	PIRATES CHOICE EXXON (FORMER)	3105 EVANS STREET	7/31/2012	GW	PETROLEUM RELEASE IN 2007; USTS NEVER CLOSED BY REMOVAL; ASSOCIATED WITH INCIDENT NUMBER 31769; OLD RELEASE RANKED LOW; NRP, NFA IN 2007; USTS CLOSED BY REMOVAL IN 5/12;
5/7/2012	WHITFIELD EQUITY INVESTMENTS PROPERTY	312 CLAIRMONT CIRCLE	11/6/2012	GW	280 GALLON HOME HEATING OIL UST REMOVED. CONTAMINATION WAS DISCOVERED AS A RESULT OF AN OVERFILL. ADDITIONAL SOIL EXCAVATED IN OVERFLOW AREA. AFTER EXCAVATION SOIL BELOW DETECTION LIMIT. GROUNDWATER ENCOUNTERED. GW WILL BE SAMPLED DURING IAA. GW EXCEEDS 2L. LSA REQUESTED. NRP FOR GW ONLY.
5/1/2012	Pantry 826	4000 South Memorial Drive		SL	
4/24/2012	RICKS RESIDENCE (JAMES & SUSAN)	117 S. HARDING ST.	11/6/2012	GW	550 GALLON HOME HEATING OIL UST REMOVED. GROUNDWATER ENCOUNTERED DURING EXCAVATION. GW SAMPLE RESULTS TO FOLLOW IN IAA REPORT. SOIL BDL FOR PETROLEUM CONSTITUENTS. GW EXCEEDS 2L, NRP FOR GW ONLY.
3/26/2012	CITY OF GREENVILLE STARLIGHT ALLEY	SOUTH WASHINGTON ST.		SL	
2/22/2012	MAXON PROPERTY (JOHN)	1404 E. WRIGHT RD.	9/6/2012	GW	(1) 280-GAL HEATING OIL UST REMOVED ON 2/22/12. GW ENCOUNTERED AT ~ 8 FT. EW SIDEWALL SOIL SAMPLE ABOVE RESID IN AROMATICS. REQUESTING IAA./// REC'D IAA. GW ABOVE 2L. REQUESTING LSA./// REC'D LSA. RANKED L90D. NRP'D FOR GW & SOIL.
2/21/2012	PANTRY #799	316 EAST 10TH STREET	1/3/2013	SL	CONTAMINATION EXCEEDING TPH ACTION LEVELS WERE DISCOVERED DURING A PHASE 1 ESA. RBSS WERE BELOW S-GW MSCCS, THEREFORE NFA IS REQUIRED AT THIS TIME.

**SUMMARY TABLE OF UST INCIDENTS
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
2/15/2012	PERKINS RESIDENCE (PHILLIP & ANGIE)	211 KING GEORGE RD	7/11/2012	SL	550 GALLON HOME HEATING OIL UST REMOVED. AST ADJACENT. AST SS BDL. BASE SOIL SAMPLE IN UST EXCAVATION EXCEEDS SOIL-GW MSCCS. GW NOT ENCOUNTERED DURING EXCAVATION. IAA/LSA REQUIRED. LOW RANK. SOIL BELOW RES. MSCCS, GW BELOW 2L. NFA ISSUED 7/10/2012
2/11/2012	DANIEL RESIDENCE (RAE)	227 ORTON DRIVE	8/14/2012	GW	(1) 280-GAL HEATING OIL UST REMOVED ON 2/1/2012. EXCAVATED 57.3 TONS CONTAMINATED SOIL. SW&BS SOIL SAMPLES ABOVE RESIDENTIAL. DID NOT ENCOUNTER GW AT FINAL EXCAVATION DEPTH OF 10 FEET. MW INSTALLED ON 3/7/12. REQUESTED IAA./// rec'd IAA GW above 2L, requesting LSA./// REC'D LSA. RANKS L95D. NRP FOR SOIL & GW.
12/14/2011	STOKES PROPERTY (SYLVIA)	2155 OLD RIVE ROAD		NO	NC DOT PERFORMED A PRELIMINARY SITE ASSESSMENT ALONG THE DOT ROW & EASEMENT AT PARCEL 4 (formerly Parcel 3) SYLVIA K. STOKES, et. al. PROPERTY. PARCEL #003 STATE PROJECT B-4787,. WBS ELEMENT #38557.1.1. THERE WAS NO EVIDENCE OF USTs ALONG THE ROW. NINE(9) SOIL SAMPLES WERE COLLECTED FROM BORINGS TO DELINEATE PETROLEUM CONTAMINATED SOILS WITHIN THE ROW. ONE (1) GW SAMPLE WAS COLLECTED. LAB RESULTS INDICATED THAT NO SAMPLES EXCEEDED THE NCDENR ACTION LEVELS FOR SOIL OR GW.
12/13/2011	DAVIS PROPERTY (ANN)	1100 EAST 3RD ST.		SL	(1) 280-GAL HEATING OIL UST REMOVED 12/13/2012. CLOSURE SAMPLE TAKEN AT 9 FT. DID NOT ENCOUNTER GW. IAA REQUESTED 7/2/2012./// SOIL SAMPLES ABOVE STGW & RESIDENTIAL MSCCS. REQUESTING LSA./// LSA REC'D 6/12/2013. NO RECEPTORS. NRP FOR SOIL ONLY.
10/25/2011	EAST CAROLINA JOYNER LIBRARY	JOYNER LIBRARY LOADING DOCK		GW	JOYNER LIBRARY LOADING DOCK LIFT PLATFORM RELEASE OF HYDRAULIC FLUID; POTENTIALLY FROM UNDERGROUND PISTON.
10/3/2011	Stringfield Property (Delzora)	703 McDowell Street		SL	UST REMOVAL INVESTIGATION LED TO DISCOVERY OF CONTAMINATED SOIL. WARO COLLECTED CONFIMATION SOIL SAMPLES. ANALYTICAL RESULTS INDICATE CONTAMINATED SOIL EXCEEDS TPH ACTION LEVELS. RP DECEASED. REFER TO STATE LEAD.ACCEPTED STF 2/8/12
8/10/2011	ST. PAUL'S EPISCOPAL CHURCH	411/413 E. FOURTH ST.	3/14/2013	GW	(1) 1,000-GAL HEATING OIL UST REMOVED ON 7/27/2011. EXCAVATION LIMITED BY BLDG FOUNDATIONS. SOIL ABOVE RESIDENTIAL. HAVE NOT ASSESSED GW AT TIME OF IAA. REQUESTING LSA./// LSA REC'D 8/9/2012. GW BELOW 2L. NO RECEPTORS W/IN 1500 FT. NRP FOR SOIL ONLY.
6/27/2011	RIDLEY PROPERTY (JOHN & JULIE)	1708 KNOLLWOOD DR.		SL	550 GALLON HOME HEATING OIL UST REMOVED. SOIL EXCEEDS MSCCS IN BASE SAMPLE. GW NOT ENCOUNTERED DURING EXCAVATION. LSA REQUIRED.

**SUMMARY TABLE OF UST INCIDENTS
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
4/14/2011	HARRIS RESIDENCE (NANCY)	1611 BEAUMONT DRIVE		GW	550 GALLON HOME HEATING OIL UST REMOVED. SOIL EXCEEDS RES. MSCCS AT FOUNDATION AND IN BASE SAMPLE. GW NOT ENCOUNTERED DURING EXCAVATION. EXCAVATION DEPTH APPROX. 11.5'. IAA/LSA REQUIRED. IAA REPORT REC'D. 0.10' FP MEASURED IN MW-1. RECOVER RP/LSA. INTERMEDIATERANK. STOP FUNDING LETTER SENT 9/22/2011
2/23/2011	DOUGLAS RESIDENCE (DICK & JANEY)	204 HAMPTON CIRCLE		GW	550 GALLON HOME HEATING OIL UST REMOVED. AFTER EXCAVATION, SOIL EXCEEDS RES. MSCCS IN BASE SAMPLE. IAA/LSA REQUIRED. IAA REPORT REC'D 6/1/2011. 0.09 FEET OF FP MEASURED IN MW-1. WARO REQUEST FP REMOVAL IN ADDITION TO LSA. LSA REC'D. FP BAILED. I RANK DUE TO FP/2B. STOP FUNDING LETTER ISSUED 8/1/2011
2/16/2011	KILCOYNE RESIDENCE (BRIAN & BETTE)	2303 EAST 3RD ST.		GW	(1) 280-GAL UST WAS CLOSED IN PLACE ON 2/16/2011. UST WAS PARTLY UNDER HOUSE. DID NOT ENCOUNTER GW AT SURROUNDING EXCAVATION OF 6.5 FT. SOIL TPH ABOVE STDS. RB SOIL SAMPLES "BRL." MW INSTALLED 2/28/2011. GW RESULTS TO FOLLOW IN IAA. //// REC'D IAA 3/32/2011. GW ABOVE 2L. REQUESTING LSA./// REC'D LSA GW ABOVE 2L. BECAUSE SOIL WAS INACCESSIBLE NEXT TO THE HOUSE AND THE TPH READINGS WERE HIGH, THE SOIL IS MOST LIKELY CONTAMINATED IN THAT AREA. THEREFORE WE ARE REQUESTING AN NRP FOR THE PROPERTY FOR BOTH "SOIL" AND GW.
10/19/2010	HILLIARD PROPERTY (MARIE)	210 BELVEDERE DR.		GW	HEATING OIL UST /// (1) 280-GAL HEATING OIL UST REMOVED ON 11/23/2010. NO GW ENCOUNTERED. SOIL ABOVE RESIDENTIAL. REQUESTING LSA.
10/19/2010	F & H MART	425 HOOKER ROAD		GW	(1) 6,000-GAL & (2) 8,000-GAL GASOLINE USTs REMOVED IN 1994. NO REPORTS SUBMITTED AT THAT TIME. ENFORCEMENT MAY 2010. ANALYTICAL RESULTS FROM SOIL BORING SAMPLES DEMONSTRATE SOILS REMAINING AT THE UST AREA EXCEED THE STGW AND RESIDENTIAL MSCCS. REQUESTING LSA./// GW ABOVE 2L BUT NOT GCL. NRP FOR SOIL AND GW. LTR SENT 8/11/2011.
8/30/2010	KASH & KARRY #11	4115 OLD TAR ROAD		SL	

**SUMMARY TABLE OF AST INCIDENTS
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
6/21/2013	ECU GARBAGE TRUCK SPILL	FOUNDER'S DRIVE/GLENN DR.		SL	
5/4/2013	MORRISON ENGINEERING RELEASE	2760 W. 5TH ST.		SL	Consultant called to say that they are awaiting analytical results. Once rec'd, will submit report. 7/2/2013 CCS.
1/2/2013	JOYCE FOODS	4705 US HIGHWAY 13	6/6/2013	GW	
10/3/2012	CATTAIL LANE COMPLAINT	ACROSS 3606 CATTAIL LN		NO	According to owner of property the neighbor that complained has a history of complaining about all the neighbors and may be mentally unstable. WaRO investigated the site and found no petroleum release on the property. The owner of the property lives across the street from the property with the work trailer..both lots are very well cared for.
10/3/2012	Sutton Property (Parcel 55)	1200 Myrtle Street		SL	Preliminary Site Assessment Report submitted on behalf of the North Carolina Department of Transportation. The report documents investigation activities related to NCDOT Project U-3315 (Stantonsburg Road to 10th Street Connector) for Parcel 55 located at 1200 Myrtle Street in Greenville, NC. Information in the report confirms a release or discharge of petroleum product. Soil sample results indicate that contamination is present at levels that exceed NC soil standards. WARO REQ. CONFIRMATION RBSS.
10/3/2012	Sutton Property (Parcel 171)	1308 West 14th Avenue		SL	Preliminary Site Assessment Report submitted on behalf of the North Carolina Department of Transportation. The report documents investigation activities related to NCDOT Project U-3315 (Stantonsburg Road to 10th Street Connector) for Parcel 171 (shares building with parcel 55 (Inc.#93177)). Information in the report confirms a release or discharge of petroleum product at the above-referenced location. Soil sample results indicate that contamination is present at levels that exceed NC soil standards. WARO REQ CONFIRMATION RBSS.
8/23/2012	BLOUNT PROPERTY (W.G. ET AL)	1640 FARMVILLE BOULEVARD		SL	
6/4/2012	ECU FLANAGAN TRANSFORMER	210 EAST 4TH ST.	12/6/2012	SL	2ND TRANSFORMER LEAK
12/28/2011	ALLEN ROAD FUEL SPILL	PARCEL 34809	1/31/2013	SL	
11/30/2005	FISHER PROPERTY (RALPH)	3135 BELLS FORK ROAD		SL	
3/22/2005	RIVER PARK NORTH	801 MUMFORD ROAD		GW	DIVISION OF WATER RESOURCES (DWR) INSTALLING A RESEARCH WELL AT THE FORMER BARRUS CONSTRUCTION SITE, DISCOVERED FREE PRODUCT WASTE OIL AND BURIED OIL CANS. BARRUS NOW PART OF APAC-ATLANTIC IN CHANLER, NC. SITE IS NOW LOCATED ON PROPERTY OWNED BY THE CITY OF GREENVILLE AND CALLED RIVER PARK NORTH. . APS SAMPLED SOIL AND GW ON 3/22/2005. NOV ISSUED TO APAC-ATLANTIC ON 3/29/05. APAC DUE TO ASSESS SITE AND SPILL RESPONSE. PAST DUE..PROCEED TO ENFORCE.City of Greenville acting as RP as landowner.CSA received July 2006 is not complete. Finalized assessment due 10/20/2006. Revised CSA received 01/25/07. CAP requested 03/012007.
5/28/2003	ECU/HAYNIE LAND	10TH STREET		SL	SOIL ASSESSMENT AND REMEDIATION OF IMPACTED SOILS TO BE COORDINATED WITH BUILDING RENOVATION AND/OR DEMOLITION. PROPOSED SAMPLING PLAN DUE BY MARCH 15, 2004. PROPOSED WORK STILL MUST SATISFY THE GW GUIDELINES ON SOIL & GW INVESTIGATION.
10/24/1996	QUALITY OIL COMPANY	220 HOOKER ROAD		GW	Semi-annual monitoring. Comingled UST and AST release.
3/4/1994	DSM PHARMACEUTICALS (FORMER GLAXO WELLCOME)	BUILDING 31 COGENERATION FACIL		GW	
3/21/1992	CHAMPION'S GYM	207 EAST 5TH STREET		SL	UNIDENTIFIED PERSON OPENED VALVE TO AST SYSTEM AND 50 GALLONS RELEASED
4/3/1989	PITT COUNTY SCHOOLS MAINTENANCE ANNEX	CONTENTNEA ST. & THIRD ST.		SL	

ATTACHMENT F

(Membership Roster)

Action: For your information.

ENVIRONMENTAL ADVISORY COMMISSION

Updated 5/15/2013

	NAME	TERM EXPIRES	CATEGORY	PHONE #
C H A I R	Robert (Bob) Chin 102 Graham Street Greenville, NC 27858 chirr@ecu.edu	4/2015 (First Term)	(D) Educator of the Natural or Physical Sciences or Physician	258-4196 (home) 328-9648 (work)
V C H A I R	Scott Anderson 332 West Meath Drive Winterville, NC 28590 scott489@gmail.com	4/2015 (Second Term)	(E) Prof. Engineer	353-2348 (home) 752-4135 (work)
M E M B E R	Michael Behm 3501 Langston Blvd Winterville, NC 28590 behmm@ecu.edu	4/2015 (First Term)	(G) At large member Interest in Environmental Public Health	341-3689 (home) 328-9674 (work)
M E M B E R	Mr. Owen Burney, Jr. 101 Moore Road Greenville, NC 27834 oburney@suddenlink.net	4/2015 (Second Term)	(B) Building Contractor	830-1235 (home) 752-8000 (work)
M E M B E R	Mr. Hugh Cox 1809 Sulgrave Road Greenville, NC 27834 hughcox@hughcox.com	4/2014 (Second Term)	(A) Attorney	756-7625 (home) 757-3977 (work)
M E M B E R	David G. Kimmel 3411 Dunhaven Drive Greenville, NC 27834 kimmeld@ecu.edu	4/2016 (First Term)	(C) Local Environmental Group	439-5317 (home) 328-9986 (work)
M E M B E R	Caroline Loop 1107 W. Wright Road Greenville, NC 27858 carolineloop@yahoo.com	4/2016 (First Term)	(F) At large member Greenville Community	258-4098 (home) 367-8276 (work)

	NAME	TERM EXPIRES	CATEGORY	PHONE #
C O U N C I L	Ms. Marion P. Blackburn 802 River Hills Drive Greenville, NC 27858 mpblackburn@earthlink.net	N/A	Council Liaison	931-0728 (home)
S T A F F	Mr. Kinsey Holton 1500 Beatty Street Greenville, NC 27834 kholtan@greenvillenc.gov	N/A	Staff Liaison	329-4350 (work)
S T A F F	Ms. Amanda Braddy 1500 Beatty Street Greenville, NC 27834 ajbraddy@greenvillenc.gov	N/A	Secretary	329-4467 (work)