

**Environmental Advisory Commission**

**April 4, 2013**

**5:30pm Public Works Conference Room**

# 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 4<sup>th</sup> 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 March 7, 2013 Minutes (Attachment A)
  - IV. Announcements
  - V. Public Comment Period
  - VI. New Business
    - a. FROGGS Update
    - b. Summary Report – Parking Deck
    - c. Stormwater Annual Report
  - VII. Old Business
    - a. EAC Grant Update
    - b. Plastics Brochure – Distribution Project
    - c. GCPP Update
  - VIII. Other – FYI
    - a. Recycling Report (Attachment B)
    - b. UST Report (Attachment C)
  - IX. Adjourn  
Next Meeting: May 2, 2013

**Items for Future Consideration**

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**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.*

Board Members

**Chair**

1. Robert (Bob) Chin

**Commission Members**

2. Scott Anderson (Vice)
3. Michael Behm
4. Owen Burney, Jr.
5. Hugh Cox
6. James (Jay) Holley
7. Laura Williamson

**Ex-officio**

Kevin Mulligan (Public Works)

**Staff Liaison**

Kinsey Holton (Public Works)

**City Council Liaison**

Marion Blackburn

**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**

**(March 7, 2013 Minutes)**

*Action:* For your review and approval.

**DRAFT OF MINUTES PROPOSED FOR ADOPTION BY THE  
ENVIRONMENTAL ADVISORY COMMISSION  
March 7, 2013**

**1. 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. Mr. Scott Anderson, Vice-Chairperson, called the meeting to order and welcomed members and guests. The following attended the meeting:

**2. ROLL CALL**

**MEMBERS:**

Mr. Scott Anderson  
Mr. Owen Burney  
Mr. Jay Holley

Dr. Michael Behm  
Mr. Hugh Cox

**OTHERS PRESENT:**

Kinsey Holton, City of Greenville  
Amanda Braddy, City of Greenville

**3. ADDITIONS/DELETIONS TO THE AGENDA**

Mr. Holton requested the Stormwater Annual report to be removed from the agenda and be presented at the April 4, 2013 meeting. A motion was made by Mr. Holley to approve this request. A second was made by Mr. Burney and the motion passed unanimously.

**4. APPROVAL OF FEBRUARY 7, 2013 MINUTES**

Mr. Cox made a motion to accept the February 7, 2013 minutes as presented. The motion was seconded by Dr. Behm and the motion passed unanimously.

**5. PUBLIC COMMENT PERIOD**

There were no public comments.

**6. NEW BUSINESS**

**A. Announcements**

- Mr. Holley reminded everyone of the efforts with Dr. Mitra's Environmental Forensic Course to visit locations within the City. The class will establish monitoring of water and air quality in the Town creek area as well.
- Mr. Holton reported the City provided the Pamlico-Tar River Foundation with a letter of support for their grant application in conjunction with East Carolina University (ECU) to install four bioretention facilities on ECU's campus.
- Dr. Behm asked if there was any update on the replacement of Jay Holley on EAC commission. Mr. Holton responded the City Council would pull applications submitted from the talent bank and vote on the new member. This action is scheduled on the April 2013 City Council agenda.

**B. Stormwater Annual Report**

This item was tabled to the April 4, 2013 meeting.

### **C. LEED Policy**

Mr. Anderson directed attention to the LEED policy attached to the agenda. Mr. Holton explained the resolution to adopt a policy to implement Leadership in Energy and Environmental Design (LEED) was presented to City Council in December 2008. The policy would put into effect three levels quality for the construction, renovations, or additions to City-owned buildings.

The first level of quality applies to buildings over 10,000 square feet and would require a minimum of a LEED-Silver qualification and to be certified by the U.S. Green Building Council. A waiver could be allowed by City Council when the building is not a suitable project for the Green Building program. Greenville Utilities Board of Commissioners may grant a waiver to this requirement for buildings managed by Greenville Utilities when the building is not a suitable project for the Green Building Council.

The second level of quality applies to buildings from 5,000 to 10,000 square feet and would require a minimum of LEED-Certified and to be certified by the U.S. Green Building Council. A waiver could be allowed by City Council when the building is not a suitable project for the Green Building program. Greenville Utilities Board of Commissioners may grant a waiver to this requirement for buildings managed by Greenville Utilities when the building is not a suitable project for the Green Building Council.

The third level of quality applies to buildings less than 5,000 square feet and would require a minimum of LEED-Certified and would not require certification by the U.S. Green Building Council. A waiver could be allowed by the City Manager when the building is not a suitable project for the Green Building program. The General Manager of Greenville Utilities may grant a waiver to this requirement for buildings managed by Greenville Utilities when the building is not a suitable project for the Green Building Council.

Dr. Behm asked if the new parking deck being discussed for the downtown area would be required to meet the LEED policy and also asked if EAC would be in a role to advise City staff with recommendations on environmental improvements such as installation of solar panels. Mr. Holton replied he felt EAC would need to obtain information on the parking deck, i.e. what phase the project is in, location of the project, current environmental design elements, etc. Dr. Behm asked if this information could be obtained and presented to EAC in a summary report. Mr. Holton stated he would contact the Community Development/Planning Department with the City and inquire about the possibility of having someone attend the April 2013 EAC meeting to give a status report on the proposed parking deck.

### **D. Sustainable Development Data Collection**

Mr. Holton stated Dr. Chin inquired on the availability of data collection for sustainable development. Mr. Holton commented he had spoken with Lisa Kirby, Senior Engineer for the City of Greenville. Ms. Kirby's synopsis is the current sustainable practices are fairly broad in nature addressing both operations and public infrastructure development. The City is looking at its municipal operations to establish goals and benchmarks. Ms. Kirby anticipates the information being available within the next six months. Mr. Kirby also explained the City has completed energy audits of all City facilities and entered into an Energy Savings Performance Contract. Renovations are underway; however, there are no

details available on the types of projects or potential savings.

Mr. Holton explained the City currently reports the recycling diversion rate to EAC; however, he would need a more specific list of what information would like to be collected. Mr. Holton commented Greenville Utilities (GUC) may collect data based on their E300 program and could contact them to obtain this information if EAC was interested.

Mr. Anderson asked if information was collected on the alternative fuel and hybrid vehicles operated by the City. Mr. Holton responded he was unaware if this information was tracked and would research to see if the information was available. Mr. Anderson also asked if any of the potential stormwater retrofits opportunities reported in the annual program have ever been completed. Mr. Holton stated he believed one located at the Fire Station No. 5 had been completed at the time of construction. Mr. Holton also stated there were potentially five to eight retrofit opportunities available at the present time but funding was not available to complete them at this time.

Mr. Holton stated that as a result of the sustainability plan the City is in the process of developing, Ms. Kirby will be collecting data and this information will be reported to EAC when available.

## **7. OLD BUSINESS**

### **A. EAC Grant Program – Current Grant Update**

Mr. Holton reported that Dr. Behm and Ms. Williamson had revised the two-page fact sheet for the grant and forwarded this along with the grant application package to Ms. Karen Quick, Science Coordinator with Pitt County Schools. The complete package will be posted online for applicants as well. Mr. Holton informed the group of a request by J.H. Rose High School for a copy of the application package.

Mr. Holton also reported the Wahl-Coates 4-H Club has received the first installment of 45% of the current funds and will be receiving the second installment on Friday, March 15, 2013. Mr. Holton stated the club will be performing monitoring in April and would like to use this opportunity for EAC members to attend along with the Public Information Office with the City and possibly The Daily Reflector to publicly promote the grant. Mr. Holton will confirm the date and inform members by email.

Dr. Behm questioned the possibility of informing Karen Quick of the monitoring to allow others the opportunity to witness a project in progress. Mr. Holton commented he felt this would be a great time to showcase the grant and could potentially provide future ideas for the upcoming grant.

### **B. Council Goals & Objectives**

Mr. Anderson began the discussion by addressing the goals developed by Dr. Behm and distributed to those present. The list distributed also included comments from EAC members on each item for discussion.

The first goal addressed was “Identify and deploy five ways in which to engage citizens in environmental sustainability.” Dr. Behm’s identified the first initiative as “Support a public school with funding that supports an environmental sustainability project.”

Mr. Holley asked how the decision was made to specifically include five ways. Dr. Behm

stated the number could be flexible as opportunities were identified and/or completed. Mr. Holley then commented he felt Mr. Burney's comment could be identified as the second initiative of the goal as well. This initiative would be to "Educate citizens on environmental sustainability and how each citizen can have an impact."

Mr. Anderson suggested removing the number of initiatives associated with the first goal be removed and have the goal read "Identify and deploy ways in which to engage citizens in environmental sustainability." Everyone present agreed with the change in wording and the first goal with two initiatives was established.

The second goal discussed was "Increase deliberate and intentional engagement with Council and other commissions." Ms. Williamson's comment suggested developing the goal to include additional wording that would "provide guidance/information to demonstrate that environmental sustainability supports economic and social sustainability." The final wording of the goal reads as "Increase deliberate and intentional engagement with Council and other commissions, by providing guidance/information to demonstrate that environmental sustainability supports economic and social sustainability."

The third goal presented was "Identify and suggest five ways to reduce volume of our waste." Mr. Anderson suggested removing the specific number of five which would allow more initiatives to be initiated as they may become available. The third goal was completed and will read as "Identify and suggest ways to reduce volume of our waste."

The fourth goal presented was "Seek ways to preserve our "liquid gold." Mr. Anderson addressed the comment by Ms. Williamson that this goal should become part of a waste reduction issue. Mr. Anderson stated he didn't feel this should be a waste reduction. Mr. Anderson also addressed Mr. Holley's comment regarding the annual stormwater permitting program. Mr. Anderson also commented he felt the Town Creek initiative should also be considered. Mr. Holton stated he felt the comment by Ms. Williamson was directed more towards a broader resource conservation approach. This would incorporate water efficiency, energy efficiency, waste reduction, etc.

Dr. Behm asked for a recommendation of wording for this goal. After discussion, it was determined the fourth goal would read "Promote resource conservation." Initiatives identified for future consideration were waste reduction and water conservation.

The fifth goal discussed was "Incorporate service learning student from ECU in the pursuit of one 2013 EAC goal." Ms. Williamson's comment was to delete this process as it was a tool to help achieve a goal. Mr. Holley commented he would like to see this remain as a goal as it is a measurable task and would meet the goal of making the best use of the Service Learning Program to help make progress on other goals. Those present agreed with Mr. Holley's recommendation and the goal was established as presented.

The sixth goal presented was "Publish and distribute a plastics brochure." Mr. Anderson asked if this should be established as an initiative of another goal or left as presented. Dr. Behm stated he felt the goal should be left as presented. Mr. Holley also commented the goal was still an action item as, although the brochure has been completed, the publishing and distributing of the brochure has not taken place at this time. This goal will remain in place as presented.

The seventh goal presented was "Identify five funding sources for future grants." The goal

was amended to read “Identify and pursue funding sources for future grants.”

The eighth goal discussed was “Develop an inventory of the City’s Public Works’ environmental sustainability accomplishments/achievements.” Ms. Williamson’s comment was to also include others’ initiatives such as FROGGS, Sierra Club, and neighborhood efforts. Mr. Cox stated he would like to begin the process with a small group such as Public Works and graduate to the broader groups suggested by Ms. Williamson. Mr. Holley also commented he felt by collecting information on Public Works facilities and operations, it would allow EAC the opportunity to review and provide feedback to City Council as directed. Dr. Behm suggested rewording the goal to “Develop and communicate an inventory of the City’s Public Works’ environmental sustainability accomplishments/achievements” to allow EAC to communicate data collected to City Council. The goal was amended as suggested.

The ninth goal discussed was “Develop a culture of measuring and disseminating the results of EAC’s efforts.” No changes were made to this goal and will remain as presented.

A motion was made by Mr. Holley to accept the goals as presented and amended above. The motion was seconded by Dr. Behm and passed unanimously.

#### **C. Plastic Brochure Update**

Mr. Holton presented the final revised copy of the brochure. Mr. Holton will follow up with Ms. Williamson to get an electronic version for web posting. Mr. Anderson also pointed out the light green text on the dark green background was difficult to read. Mr. Holton will also follow up with Ms. Williamson regarding this issue as well. Mr. Anderson then asked about the funding for printing of the brochure. Mr. Holton stated EAC would check with the Director of Public Works to ascertain if funding would be available and would also check on the price of printing the brochure. Mr. Anderson questioned the distribution of the brochure. Mr. Holley suggested Mr. Holton contacting Ms. Cheryl Tafoya, City of Greenville’s Recycling Coordinator to find out if she had contacts that would be beneficial to distribution. Mr. Holton agreed and will discuss this with Ms. Tafoya and report information at the April 4, 2013 meeting. Other suggested locations for distribution were the Convention Center, City library, and public kiosks.

#### **D. GTV – PSA – April, May, June**

Mr. Holton asked for ideas for the GTV – PSAs. The following topics were identified:

April – Grant Advertising

May – Plastics Brochure

June – Grant Award

#### **E. GCPP Update**

Mr. Cox sent members an update of the February 12, 2013 meeting. Mr. Anderson asked if GCPP could begin working on updating the information regarding the original 5 year plan developed by GCPP. Mr. Cox stated the information should be more readily available to update as the sources for the information have already been determined and will make this a topic of discussion for an upcoming GCPP meeting.



**F. UST/AST Report Discussion**

Mr. Cox explained this discussion was tabled from the February 7, 2013 meeting to allow Mr. Holley's input on the importance of the UST/AST reports and the follow-up actions that should be pursued by EAC, if any, on the violations reported. Mr. Holley responded by explaining the previous process of notification only reported violations that had been closed out. Mr. Holley stated he felt this process was not beneficial to EAC as there was no action that would allow EAC's input and subsequent possible comment to City Council for advisement. In changing the report to open violations, EAC would be in a position to review these violations and allow for comments to be presented to City Council, if applicable, on the effects of the violation(s) to the environment. Mr. Holley stated if EAC was not going to invest time in reviewing the report for actions it may not be worth the effort of staff to prepare on a monthly basis. However, it would still be beneficial for EAC to be abreast of open violations and the report should be reviewed on a quarterly basis for information. Mr. Holley also stated he felt EAC should review public notice of violations on a monthly basis. It was determined the list of open violations report of UST/AST will be reviewed on a quarterly basis and the public notice of violations would be reported on a monthly basis. The next UST/AST report for open violations will be presented in August due to the June Award Program and no meeting in July. The monthly report will be in April.

**8. OTHER– FYI**

**A. Recycling Report**

Mr. Holton informed the group that due to information being delayed by Pitt County to City staff, the recycling report will be two months behind beginning with this month's report.

**B. UST/AST Report**

**9. PROPOSED AGENDA ITEMS –** The following items are proposed for the April 4, 2013 meeting:

**A. FROGGS Update**

**B. EAG Grant Program – Update**

**C. Stormwater Annual Report**

**D. Summary Report – Parking Deck**

**E. Plastics Brochure – Distribution Project**

**F. GCPP Update**

**10. Adjournment –**There being no further business to discuss, the meeting adjourned at 7:30pm.

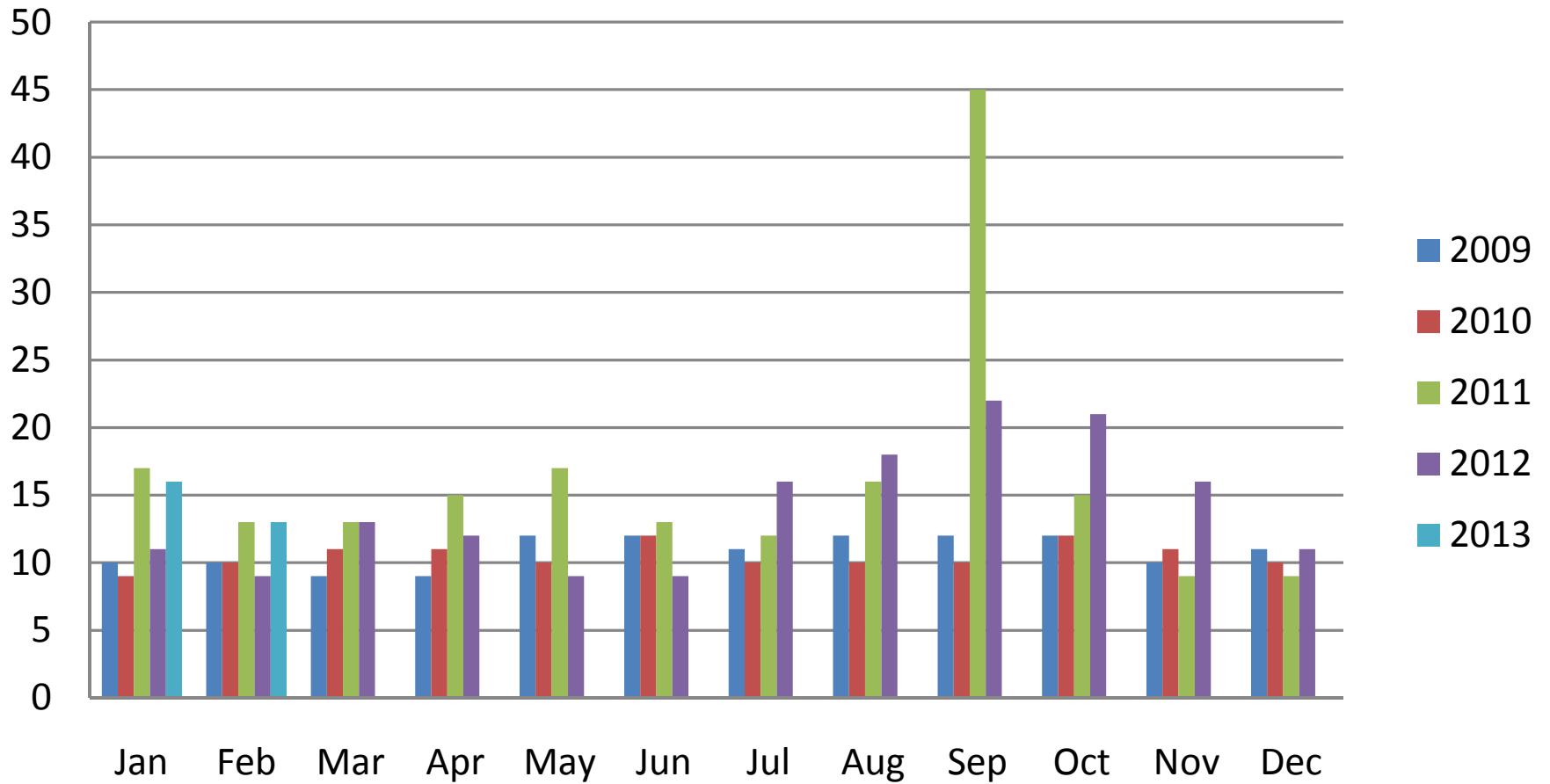
# ***ATTACHMENT B***

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***(Recycling Report)***

Action: For your information

# Recycling Diversion Rate 2009-2013 (Tonnage)



# ***ATTACHMENT C***

***(UST 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
12/18/2012	PORTER PROPERTY (MATT)	105 MARTINSBOROUGH ROAD		SL	
12/3/2012	MATTHEIS RESIDENCE (FLOYD)	1402 EVERGREEN DR.		SL	(1) 280-GAL HEATING OIL UST REMOVED ON 12/3/2012. SOIL SAMPLES BRL. ENCOUNTERED GW. REQUESTED IAA.
11/15/2012	VANWAGENEN PROPERTY (ANN)	2606 JACKSON DRIVE		SL	
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 CONSTRUCTION. UST REMOVED. SOIL EXCEEDS RES. MSCCS POST EXCAVATION. LSA REQUESTED 1/30/2013.
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;
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.
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
8/2/2012	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.
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. GROUDNWATER 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.
1/24/2012	MORAN RESIDENCE (JON AND LINDA)	2126 POTERTOWN ROAD	6/21/2012	GW	750 GALLON HEATING OIL UST CLOSED IN PLACE. SOIL EXCEEDS 10 TPH. RB SOIL DATA AND GW RESULTS TO FOLLOW IN IAA REPORT.
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.///
10/25/2011	EVANS RESIDENCE (RICHARD)	200 CROWN POINT ROAD	5/1/2012	SL	(1) 550-GAL HEATING OIL UST CLOSED IN PLACE 10/25/2011. GW NOT ENCOUNTERED. ANGLED SOIL BORINGS SOIL SAMPLES ABOVE RESIDENTIAL. REQUESTING IAA. IAA REC'D GW BELOW 2L. REQUESTING LSA./// NO RECEPTORS, SOIL ABOVE RESIDENTIAL, GW BELOW 2L. NRP FOR SOIL.
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.
10/4/2011	GRAZIANI RESIDENCE (RON)	301 ORTON DRIVE	4/17/2012	SL	(1) 550-GAL HEATING OIL UST REMOVED ON 10/4/2011. CONTAMINATED SOIL EXCAVATED. SIDEWALL SOIL SAMPLE SW ABOVE RESIDENTIAL. GW NOT ENCOUNTERED AT DEPTH OF 11 FT. IAA REQUESTED 11/14/2011. REC'D IAA. NO GW ASSESSEMENT. ASKED FOR LSA./// GW BRL, SOIL ABOVE RESIDENTIAL, NO RECEPTORS, NRP SOIL.
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

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

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
9/23/2011	FLYNN CHRISTIAN FELLOWSHIP (FORMER)	901 HOOKER RD.	5/31/2012	SL	
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.
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 UST INCIDENTS  
WITHIN THE CITY OF GREENVILLE**

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
6/14/2010	GOGOEL PROPERTY (MICHAEL)	400 S. SUMMIT STREET	4/12/2012	GW	550 GALLON HEATING OIL UST REMOVED. SOIL EXCEEDS RES. MSCCS AT BASE AND FOUNDATION SIDEWALLS. FURTHER EXCAVATION LIMITED. GW NOT ENCOUNTERED DURING EXCAVATION. LSA REQUIRED. LOW RANK. NRP FOR SOIL AND GW (MTBE 3 UG/L).
5/4/2010	Pitt County Memorial Hospital	2100 Stantonsburg Road		GW	RELEASE OCCURRED FROM A LINE THAT CONNECTS (2) USTS USED TO STORE EMERGENCY GENERATOR FUEL FOR THE NEW HEART CENTER. THE SECTION THAT BROKE WAS WITHIN THE CONTAINMENT VESSEL. FUEL OVERFILLED THE CONTAINMENT VESSEL AND FLOWED INTO THE GRAVEL CONTAINMENT VESSEL SURROUNDING THE TANKS. AREA ABOVE USTS IS PAVED. GMA WAS CONTRACTED TO PERFORM SOIL AND GW SAMPLING. /// IAA REC'D SOIL ABOVE RESIDENTIAL BUT NOT INDUSTRIAL MSCC. FREE PRODUCT 2.53 FT IN MW 2. ASKED FOR LSA AND FP RECOVERY ON 9/23/2010./// REC'D LSA 2/3/2011. WSW 200' SE. RANKS HIGH. REQUESTING CSA.///

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

Date Occurred	Property Owner	Address	Close Out Date	Type of Incident	Comments
1/2/2013	JOYCE FOODS	4705 US HIGHWAY 13		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.
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	
9/2/2011	CITY OF GREENVILLE SANITATION TRUCK SPILL	RIGHT OF WAY 920B B'S BBQ RD	4/24/2012	NO	APPROX 80 GALLONS OF DIESEL FUEL WAS SPILLED INTO A GRAS LINE ROADSIDE SWALE DUE TO A RUPTURED FUEL TANK ON A CITY SANITATION TRUCK. GRANULAR & PAD ABSORBENTS WERE USED TO COLLECT/CONTAIN SPILL IMMEDIATELY. SPILL STOPPED AND CONTAMINATED SOIL WAS REMOVED. NO GW DETECTED.//// ON 1/19/2012 WARO STAFF VISITED SITE AND SAMPLED SOIL. ON 2/16/2012 LABORATORY RESULTS WERE RETURNED WITH NON DETECTED TPH GAS/DRO. NO FURTHER ACTION IS REQUIRED.
8/28/2008	ECU WRIGHT AUDITORIUM	WRIGHT AUDITORIUM	1/9/2013	GW	
1/13/2008	ECU RAWL BUILDING	RAWL BUILDING	1/9/2013	GW	
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.
5/19/2003	DAUGHTRIDGE OIL	2102 DICKINSON AVE		GW	5/28/04 issue NOV for failure to submit CSA. adjacent property (Carawan Oil) has GW contamination. -AMH Daughtridge is an old UST site #19666.
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	
12/1/1988	MCTHRIFT MART FOOD STORE #4	1110 N. MEMORIAL DRIVE		GW	SEMIANNUAL MONITORING