North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

December 28, 2011

G. Alan Farmer, Director
RCRA Division
U.S. EPA, Region 4
Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303-8960

Dear Alan:

Attached please find the State of North Carolina's End-of-Year Report for the FY 2010-2011 RCRA Grant. Please contact me at elizabeth.cannon@ncdenr.gov or 919-707-8203 if you have any questions.

Sincerely,

Original signed by

Elizabeth W. Cannon, Chief
Hazardous Waste Section

Attachment

cc via email: Jon Johnston, RCRA Programs & Materials Management Branch
Otis Johnson, Permits & State Programs Section
Gwen Gleaton, Permits & State Programs Section
John Johnston, Corrective Action Section
Doug McCurry, North Enforcement & Compliance Section

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North Carolina FY-11
RCRA Grant End-of-Year Report

General, Administrative and Reporting Requirements

GENERAL

1. The Grantee agrees to implement its permit, closure, compliance and enforcement programs in accordance with the performance expectations set forth in EPA's "National Criteria for a Quality Hazardous Waste Management Program under RCRA." (EPA/530/SW 86-021, July 1986)

2. Should EPA determine that program revision or withdrawal is necessary; the Grantee must enter into a Cooperative Arrangement with EPA in order to maintain the Grantee's eligibility for Federal funding. The Cooperative Arrangement will detail the activities the Grantee will perform to assist EPA in the implementation of the National RCRA program.

3. If at any time during the budget period the recipient discovers that a grant commitment will not be met, the recipient should notify the EPA Project Officer, in writing, within 15 days of identifying the projected shortfall. An explanation should be provided as to why the commitment will not be met and the Grantee must propose an alternate schedule or comparable activity, as appropriate. Prior approval should be obtained from EPA before implementing an alternate schedule or comparable activity. In the event a funding reduction occurs during the budget period, EPA will promptly notify the Grantee.

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PROGRAM ELEMENT I

Hazardous Waste Management Program Development

NC continues to implement quality control and quality assurance measures to improve its data management activities. Several internal guidance documents have been developed to facilitate continued progress.

Activity	FY-11 Commitments		EOY-11 Accomplishments
	Schedule	Comments	
A. Retention of State Authority (SWDA Section 3009).			
1. Give the state's schedule for submitting its next program revision application. Specify the Cluster(s) the state plans to request authorization.	July 2010 – Cluster XIX		Cluster XIX was not submitted due to a NC rulemaking change that had to be reviewed by the NC Attorney General's staff.
(a) Give the state's schedule for submitting draft statutory and/or regulatory changes to EPA for review.	.		
(b) Give the state's schedule for submitting final statutory and/or regulatory changes to EPA for review and approval.			
B. Grant Related Activities			
1. The state agrees to submit a draft work plan and grant application for FY-11	June 1, 2010		June 1, 2010
2. The state agrees to submit a final FY-11 work plan, grant application.	August 1, 2010		July 29, 2011 Re-submitted October 25, 2011
3. The state agrees to submit updated Document Flow Tables, if applicable	August 1, 2010		
4. The state agrees to submit an End-of -Year Report summarizing the state's accomplishments during the previous fiscal year (40 CFR 31.40(b)(1)).	December 31, 2010		December 30, 2010
5. The state agrees to submit a final Financial Status Report (FSR) for the state's previous Section 3011 grant award.	December 31, 2010		November 9, 2010

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C. Training	Schedule	Comments	
1. The state agrees to submit a training needs assessment and/or training plan to EPA for review and consideration.	June 1, 2010 (include with the draft grant package)	-Part 261 -Subpts BB/CC -C/PC/CA Cost Estimation -Advanced Corrective Action -Permit Writers	Included with grant application.
2. Briefly describe any technical assistance the State would like EPA to provide in FY-11.			
D. Data Management Activities			
1. The state agrees to maintain and update the RCRA INFO data base	on-going, but no less than quarterly		Remained on-going
2. The state agrees to serve as the Implementer of Record (IOR) for all RCRA Info modules for which the state is IOR	on-going		Remained on-going
3. The state agrees to enter all IOR information (i.e. handler, permitting, compliance and enforcement, and corrective action activity), into RCRA INFO within 30 days of the occurrence of the activity.	on-going		Remained on-going
4. The state agrees to pursue IOR status for all modules for which the state is not the IOR.	on-going		Remained on-going
E. Encourage the use of EMS			
1. Ensure basic EMS awareness for managers and staff..	on-going		
2. Ensure awareness of state plans to promote EMS to key industry sectors in the hazardous waste management universe.	on-going		NC's Environmental Stewardship Initiative (see below) has not been sector-based.
3. Ensure awareness of state-wide approaches to promote EMSs	on-going		NC's Environmental Stewardship Initiative (ESI) is the primary vehicle for promoting the use of EMSs and Pollution Prevention statewide, and both are also promoted at the annual LQG Workshops. Detailed information on the ESI is located at http://www.p2pays.org/esi/

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PROGRAM ELEMENT II: Enforcement and Compliance[1]

Goal 5: Compliance and Environmental Stewardship

Sub-Objective 5.1.3: Monitoring and Enforcement

Sub-Objective 5.2.2: Prevent Pollution and Promote Environmental Stewardship by Business

The North Carolina Hazardous Waste Section will continue to demonstrate its commitment to protecting human health and the environment through a holistic approach to Compliance and Enforcement. This will be accomplished with a proactive compliance and monitoring program that will focus on priority inspections, compliance assistance and monitoring/enforcement priorities per the OECA FY 2011 National Program Manager Guidance. Inspections will also meet EPA Region 4's Generator and TSDF inspection requirements.

All inspections conducted will be thorough and complete as they relate to the RCRA regulations that apply to each facility, and the findings will be documented in a written report. Violations will be clearly documented and classified as to whether the facility is a Significant Non-Complier (SNC) or a Secondary Violator (SV). Timely and Appropriate enforcement actions will be taken for violations found in accordance with EPA's Enforcement Response Policy (ERP) and penalties assessed as appropriate. In order to ensure this is done, the State will have representatives participate in quarterly conference calls with the designated EPA Region 4 State Coordinator, or more frequently on an as-needed basis.

The Hazardous Waste Section will continue to support EPA Region 4 initiatives, and its own State Priority Sectors. All mandatory core requirements committed to in this work plan will be met and every effort will be made to meet non-core activities such as emergency response and remediations.

During FY 11 the Hazardous Waste Section's Compliance Branch continued implementing requirements of the Mercury Switch Removal Program as reported in the previous year. The North Carolina legislation requires the removal of convenience lighting assemblies from "end-of-life" automobiles prior to crushing, shredding and recycling. Currently North Carolina ranks third in the nation for removal efficiency. These results were achieved through the efforts of four central office staff members providing program support and ten field staff members performing 450 site evaluations. With 95 pounds of mercury collected this federal fiscal year, more than 678 pounds of mercury have been collected and recycled in North Carolina since the start of the Program. All mercury switches removed have been managed as Universal Waste. The removal of these switches from the scrap metal waste stream is expected to significantly reduce mercury emissions from secondary steel mills.

[1] This Program Element also includes NC's Waste Minimization and Pollution Prevention activities and accomplishments.

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As agreed in the State Review Framework, North Carolina has reviewed groundwater reports in lieu of conducting GMEs at facilities that are permitted. These have been recorded in RCRAInfo as NRRs.

The End of Year accomplishments shown below may include facilities that were inspected more than once.

Activity	Type of Activity	FY-11 Projections	Notes	End of Year Accomplishment
1. Core Program Compliance Monitoring Activities:				
Post-Closure Universe: Land Disposal Facilities subject to Subpart F	NRR CEI	30 26	FMB See Note 1	74 45
Post-Closure Universe (other)	CEI	2		2
Enforcement Monitoring (other)	GME O&M CEI	8		9
Operating Permit Universe: All treatment/storage facilities (except Combustion)	CEI	11	See Note 1	13
Commercial Hazardous Waste Facilities (Multimedia)	CEI FCI	10 300		10 446
Operating Permit Universe: Combustion/BIF	CEI	1		1
Small Quantity Burners	CEI	4	See Note 2	6
HSWA/Corrective Action Only	CEI	8		12
Generators	CEI	170	See Note 3	275
Small Generators	CEI	70	See Note 3	163
Non-notifiers (Permit evaders)	CEI	1		2

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Activity	Type of Activity	FY-11 Projections	Notes	End of Year Accomplishment
State Priority Sectors: - Transporters - Transfer Facilities - Never Inspected LQGs & SQGs - Facilities with prior NOV or Compliance Order	CEI	10		187
Salvage Yards (Mercury)	CEI	100		292
Citizen Complaints		50		83
Emergency Response		2		4
Remedial Action		15		7
Support EPA initiatives, e.g. RCRA Info Financial Module		50		93
2.Enforcement Activities				
Number of NOV/Warning Letters/ Field Citations		60		68
Number of follow-up inspections	CSE	50		76
Number of Show Cause/ Informal meetings		8		2
Number of Formal Administrative Enforcement Actions		8		8
Number of cases referred for Civil Judicial Enforcement		1		0
Number of Criminal Cases Supported		0		0
3. Compliance Assistance Activities for Core Compliance Monitoring Activities				
Compliance Assistance Visits (on-site)	CAV	65		83
Compliance Assistance (phone inquiries)		2000		3021

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Activity	Type of Activity	FY-11 Projections	Notes	End of Year Accomplishment
Presentations: -Large Generator Workshops -Resident Inspector Forums -Env. Ed. Support		 2 1 2	See Notes 4 & 5.	 4 2 23

1. Will include 100% of State, Local and Federal facilities.

2. Entered into RCRAInfo as FCI/BIF.

3. Will include never inspected generators, and at least 20% LQGs (103) and at least 3% of SQGs (60). The universe for LQGs is based on biennial reporting data and these inspections will be counted once.

4. North Carolina's Environmental Stewardship Initiative will continue to be promoted at these workshops.

5. Will conduct four Large Generator Workshops if state budget does not limit travel.

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FY-11 Waste Minimization/Pollution Prevention and Environmental Management Systems Accomplishments

Waste Minimization

Waste Minimization Activities	FY11Commitments	End of Year Accomplishments
	The Hazardous Waste Section will present a Waste Minimization Module in each of its four annual LQG Workshops.	Presented WM Module at four LQG workshops (see below for specific information)
	Waste Minimization is a part of every Compliance Evaluation Inspection (CEI), as required by Manifest certifications and the BRS. • Each CEI is preceded with a "Required Records/Document Checklist" that requests all documents regarding (and persons knowledgeable of) the Waste Minimization Plan for the facility and/or a description of Waste Minimization programs and methods. • Inspectors note significant comments and findings in inspection reports.	WM plans and/or efforts were reviewed during 438 generator CEIs (see below for specific information)

The NC Hazardous Waste Section (Section) documented waste minimization (WM) efforts during routine CEIs by ensuring that facilities have a WM plan in place. CEIs were conducted at 438 generators during FY 11 during which WM plans and/or efforts were reviewed. If facilities had not written a full plan they were encouraged to do so.

The Section conducted four compliance training workshops for large quantity generators of hazardous waste. The WM session of these workshops covered how to write a WM plan, general WM methods, e-cycling opportunities, tax incentives for recycling, waste exchange programs available in NC, EPA priority WM chemicals, and the NC Environmental Stewardship Initiative (ESI). The NC ESI is administered through the Division of Environmental Assistance and Outreach, as it is a voluntary, non-regulatory program. The program has increased the number of participants each year since it began in 2002. There currently are 123 industry and public works partners. ESI invites industry to partner with the State in reducing industrial waste from any or all media. Most are successful in reducing solid waste, improving water and energy usage, and improving air quality. Participants who generate hazardous waste have a plan for its reduction. The participants are encouraged to develop EMS plans to cover all areas of environmental protection and pollution prevention and to become ISO 14001 certified.

The following are a few of NC's waste minimization success stories:

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NACCO Materials Handling, Inc. NCD 067 194 407
NACCO Materials Handling, Inc. is a LQG and a Rising Steward in the ESI program. They have made a 50% reduction in waste from flushing the polyurethane paint system. This has been achieved by installation of a centrifuge system to separate paint residues from solvent from the automated painting system flush. They are then able to reuse the solvent. The facility has an active recycling program for cardboard, paper, plastics and wood to reduce their landfill waste.

Duke University NCD 000 813 519
Duke University and Medical Center is a LQG and is an Environmental Partner in the ESI program. They have reduced lab chemical generation by 17%. They have achieved this through inventory and purchasing control, student training prior to taking lab courses, reduction in use of wet chemistry and increased micro scale chemistry techniques, and following the Chemical Waste Management Plan in the laboratories. In the Medical Center waste has been reduced by inventory and purchasing control and on demand supply controls. Additionally, the university as a whole has an aggressive recycling and sustainability program in place.

Kearfott Corporation, Motor Systems Division NCD 083 673 681
Kearfott has made significant waste minimization efforts by making product substitutions of a non-hazardous waste cleaning solvent, by replacing old degreasing units with more efficient units, and continuing to distill used solvent for reuse on-site. They have also installed a new unit for spot welding, making significant reductions in lead waste generation. Lead is an EPA hazardous waste priority chemical. They were urged to join the ESI program.

Resource Conservation Challenge – School Chemical Cleanout (RCC – SC3)

EPA has closed the RCC – SC3 program. The NC Hazardous Waste Section successfully completed its SC3 Grant obligations in 2010. The Section continues to provide technical assistance to schools upon request. In 2011 Section personnel and Waste Reduction Partners personnel conducted two teacher workshops, attended by 21 teachers.

Industry is encouraged to provide technical assistance to local schools in their communities as a part of the Large Quantity Generator Training Workshops and other industrial education conferences. They are informed that this assistance meets their public outreach goal as encouraged in the NC Environmental Stewardship Initiative.

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PROGRAM ELEMENT III: Permitting[2]
Permitting

Goal 3.1.2: Manage hazardous wastes properly by having permits or other approved controls in place.

Program Objectives

a) Develop multi-year strategies to meet the annual goals.
b) Identify what is needed in order to establish approved controls for each facility in the permitting baseline.
c) Develop multi-year strategies to implement updated controls.

North Carolina has achieved Controls in Place at 100% of the facilities in the Permitting Baseline. North Carolina approved 2 Permit Renewals at facilities that are on the FY11 or FY15 Renewal baseline.

The facility names for all of the accomplishments are provided in Attachment A.

Permitting Activities	FY-11 Commitments	FY-11 Accomplishments
1. Part B application review and NOD or compliance action to notify applicant of deficiencies:		**Refer to Att. A for facilities accomplished**
- Post-Closure (PC100)		
- Storage/Treatment (OP100)	1	1
- Subpart X		
- Incinerators/BIFs		
- Alternate to PC Mechanism (PC101)	5	8
- HSWA only		
-Corrective Action Order		
2. 265 Closure Plan review and NOD or compliance action to notify applicant of deficiencies:		
- Land Disposal (CL320)		
- Incinerators/BIF - Storage/Treatment - Equivalency Petitions		

[2] Waste Minimization and Pollution Prevention activities are addressed in Program Element II.

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Permitting Activities	FY-11 Commitments	FY-11 Accomplishments
3. Completeness Determinations: (permit applications determined complete and technically adequate and ready to proceed with draft permit).		
- Post-Closure (PC150)		1
- Storage/Treatment (OP150)	1	
- Subpart X		
- HSWA Only		
- Alternative to PC Mechanism	4	7
4. Public Notices - Draft Permits (or alternate mechanisms)/Permit Denials/Closure Plans/Modifications		
- Post-Closure		
PC Plan: (CL340)		
Draft Permits: (PC160)		2
Draft AOCs:		
- Storage/Treatment Draft Permits: (OP160)	1	
- Subpart X		
- Incinerators/BIFs		
- HSWA Only		
-Corrective Action Order		
- Alternative to PC Mechanism	4	4
5. Final Determinations - Permits Issued/ Permits Denied/Closure Plans Approved/Alternate Mechanisms:		
- Post-Closure PC Plan (PC360) Permits: (PC200)		
Alternative to PC Mechanism:	5	3
- Storage/Treatment (existing) Permits: (OP200)	2	2
Closure Plans: (OP360)		
- Incinerators/BIFs		

Permitting Activities	FY-11 Commitments	FY-11 Accomplishments
- Subpart X		
- HSWA Only		
- New Facilities		
6. Modifications - Approval/Denial - Permits and Closure Plans		
- Land Disposal		
- Post-Closure (PC240/242)		1 Class 1 1 Class 3
- Storage/Treatment (OP240/242)		12 Class 1 1 Class 3
- Incinerators/BIFs		
- Subpart X		
- HSWA Only		2 Class 3
7. Closure Certifications		
- Land Disposal (Interim CL370/380) (Permitted PC370/380)		
- Storage/Treatment (OP370/380)		
- Subpart X		
8. Miscellaneous		
- Emergency Permits		3
- Temporary Authorizations		
- 5 Year Reviews		

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Table 2.2: Percent of RCRA Hazardous Waste Facilities with Updated Controls for Preventing Releases at Facilities due for a Permit Renewal by EOY FY 2011. (GPRA Permit Renewals FY 2011 Baseline)

State Renewal Baseline = 18	Facilities with Updated Controls		
	Number		Percent
		Cumulative (including all previous years)	
FY 2011 Projection	2	13**	72%
FY 2011 Accomplishments	2***	14	77%

** The projection is to meet 13 facilities cumulative. The actual annual number accomplished in FY11 may be higher or lower than projected based on the final FY10 cumulative accomplishments.

*** One accomplishment was for a facility on the FY09 – FY11 baseline and one accomplishment was for a facility on the FY12 – FY15 baseline.

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Combustion

Goal 3.1.2: Manage hazardous wastes properly by having permits or other approved controls in place.

Program Objectives
Approved controls in place at 85% of existing RCRA hazardous waste facilities (hazardous waste combustion facilities and MACT compliance highest priority).

North Carolina provided oversight and technical assistance at the Mallinckrodt facility.

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PROGRAM ELEMENT IV: Corrective Action

Goal 3.2.2: Clean Up and Revitalize Contaminated Land

Program Objectives

NCAPS High Baseline

a) By 2011, control all identified unacceptable human exposures from site contamination to health-based levels for current land and/or groundwater use conditions at 95 percent of all high-National Corrective Action Prioritization System (NCAPS)-ranked sites on the 2020 Corrective Action Baseline.
b) By 2011, control the migration of contaminated groundwater at 80 percent of all high-NCAPS sites on the 2020 Corrective Action Baseline.

Overall 2020 Baseline

a) Assess and rank 100% of facilities in the 2020 Corrective Action Baseline by 2011.
b) By 2011 control all identified unacceptable human exposures from site contamination to at or below health-based levels for current land and/or ground-water use conditions at 71% of 2020 Corrective Action Baseline.
c) By 2011 control the migration of contaminated ground water through engineered remedies or natural processes at 66% of 2020 Corrective Action Baseline.
d) By 2011 select remedies at 55% of 2020 Corrective Action Baseline.
e) By 2011 complete construction of remedies at 48% of 2020 Corrective Action Baseline.

In FY-11 North Carolina evaluated facilities to achieve 81% of facilities with Human Exposures Controlled and 74% of facilities with Migration of Contaminated Groundwater Under Control. These accomplishments exceed the EPA Region 4 goals of 71% and 66%.

Conversely North Carolina has 48% of the facilities with a Remedy Selected and 46% of the facilities with Remedies Constructed. This is less than EPA Region 4 goal of 55% and 48%.

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Table 3.1-1: Assessments (CA050) and Rankings (CA075) in FY-11.

2020 Corrective Action Baseline = 91	Assessments (CA050)	NCAPS Rankings (CA075)
Facilities Assessed/Ranked Through Year	Number	Number
Projected 2010	0	
Projected 2011	1	
2011 Accomplishments / Cumulative	**0/90**	**1/ 86****

** Accomplished by EPA.

Table 3.1-2: State Projections for Achieving Environmental Indicators Human Exposures Under Control (CA725) and Groundwater Releases Under Control (CA750) by 2011.

State 2020 Corrective Action Baseline = 91	Current Human Exposures Under Control (CA725) 2011 Goal = 71%				Migration of Contaminated Groundwater Under Control (CA750) 2011 Goal = 66%			
Facilities Under Control Through Year	State Numbers			Annual Percent Goal	State Numbers			Annual Percent Goal
	Annual Project-ion	Cumu-lative	Percent		Annual Project-ion	Cumu-lative	Percent	
2010		66	72%	68%		62	68%	62%
2011	6	68**	74%	71%	5	62**	68%	66%
FY-11 Accomplish.	9***	74	81%	Exceeded goal	6	68	74%	Exceeded goal

** North Carolina is committing to a cumulative number of 67 CA725 and 62 CA750. The actual annual number accomplished in FY11 may be higher or lower than projected based on the final FY10 cumulative accomplishments.

*** Only 8 of the 9 accomplished CA725s were new.

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Table 3.1-3: State Projections for Achieving Environmental Indicators Remedy Decision (CA400) and Remedy Construction (CA550) by 2011.

State 2020 Corrective Action Baseline = 91	Remedy Decision (CA400) 2011 Goal = 55%				Remedy Construction (CA550) 2011 Goal = 48%			
Facilities Under Control Through Year	State Numbers			Annual Percent Goal	State Numbers			Annual Percent Goal
	Annual Project-ion	Cumu-lative	Percent		Annual Project-ion	Cumu-lative	Percent	
2010		45	49%	49%		43	47%	42%
2011	5	50**	54.9%	55%	3	45**	49%	48%
FY11 Accomplished	0	44***	48%		1	42#	46%	

** North Carolina is committing to a cumulative number of 50 CA400 and 44 CA550. The actual annual number accomplished in FY-11 may be higher or lower than projected based on the final FY10 cumulative accomplishments.

*** One CA400 was removed after re-evaluation of the facility.
# Two CA550s were removed after re-evaluation of the facilities.

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Attachment A

Permit and Corrective Action Facility Accomplishments

Permitting

Description	RCRAInfo Code	Facilities FY-11	FY-11 Accomplishments
Application or Closure Plan Review and NOD Issued			
Post Closure Permit	PC 100		
Operating Permit	OP 100	NIEHS	**Accomplished but not Projected** Veolia
Subpart X	OP100		
Alternative to Post Closure - Process Begun	PC101	Ashland Greensboro Charlotte Box Pitt County Schools Roadway Express Short Journey Schools	Pitt County Schools Roadway Express Short Journey Sch. **Accomplished but not Projected** Former Heatcraft Haynes Wire Old Asheville D&F Transco, Mooresville Univar
HSWA Only	XX100		
Completeness Determination			
Post Closure Permit	PC 150		**Accomplished but not Projected** Ingersoll Rand
Operating Permit	OP 150	DuPont Fayetteville[R11]	
Subpart X	OP150		

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Description	RCRAInfo Code	Facilities FY-11	FY-11 Accomplishments
Alternative to Post Closure		Charlotte Box Former Heatcraft Georgia Pacific TCGP Mooresville	International Paper - Charlotte Container Former Heatcraft *Accomplished FY-10* **Accomplished but not Projected** BE Aerospace Dow Haynes Wire Pitt County Schools Univar
HSWA Only	XX150		
Public Notice			
Post Closure Permit	PC160		**Accomplished but not Projected** Clariant East Ingersoll Rand
Operating Permit	OP 160	DuPont Fayetteville[R11]	
Subpart X	OP160		
Alternate Mechanism	PC 160	Former Heatcraft Charlotte Box Georgia Pacific TCGP Mooresville	*Accomplished FY-10* **Accomplished but not Projected** Ashland Raleigh Dow Former Schlage Lock Haynes Wire
HSWA Only	XX 160		

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Description	RCRAInfo Code	Facilities FY-11	FY-11 Accomplishments
Final Determination			
Post Closure Permit	PC 200		**Accomplished but not Projected** Clariant East[R11] Ingersoll Rand[R15]
Operating Permit	OP 200	Clean Harbors[R11] DuPont Fayetteville[R11]	*Accomplished FY-10*
Subpart X	OP 200		
Alternate Mechanism	PC 300	Former Heatcraft Former Schlage Lock Charlotte Box Georgia Pacific TCGP Mooresville	*Accomplished FY-10* **Accomplished but not Projected** Ashland Raleigh Charlotte FTA Dow
HSWA only	XX 200		
Post Closure Plan			
Closure			
Subpart X	CL-360 Plan Approved		
Subpart X	CL-380 Closure Verif.		
Operating	CL-360		
Operating	CL-380		

Note: R11 –Renewal Baseline FY09 – FY11
R15 –Renewal Baseline FY12 – FY15

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Corrective Action

Description	RCRAInfo Code	Facilities FY-11	FY-11 Accomplishments
RFA Completed	CA 050		
NCAPS Ranking	CA075	***EPA Assistance requested***	Old Asheville Dyeing & Finishing
Remedy Selected	CA 400	Charlotte Box Georgia Pacific Parker Hannifin TCGP Mooresville US Coast Guard	
Remedy Construction Complete	CA 550	Charlotte Box GE Hickory TCGP Mooresville	GE Hickory
Human Exposure Controlled	CA725	Ashland Raleigh BE Aerospace Charlotte Box Haynes Wire Heritage SK Archdale	Ashland Raleigh *Accomplished FY-10* *Accomplished FY-10* *Accomplished FY-10* Dart (Heritage) **Accomplished but not Projected** General Timber Equipment & Supply Old Asheville D & F Pitt County Schools Rental Towel Safety Kleen Charlotte Syngenta
Groundwater Migration Controlled	CA750	Ashland Raleigh Charlotte Box Haynes Wire Heritage SK Archdale	Ashland Raleigh *Accomplished FY-10* *Accomplished FY-10* **Accomplished but not Projected** Equipment & Supply Old Asheville D & F Pitt County Schools Safety Kleen Charlotte Syngenta
Additional Events that have been accomplished but not projected			
Corrective Action Prioritization	CA075		Old Asheville D&F (ME)
Investigation Work Plan Mod requested by Agency	CA120		Safety Kleen Raleigh

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Description	RCRAInfo Code	Facilities FY-11	FY-11 Accomplishments
Investigation Work Plan NOD	CA140		Clariant West Detrex DuPont Kinston DuPont Fayetteville
Investigation Work Plan Approved	CA150		City of Charlotte FTA DuPont Kinston Former Ashland Greensboro (2) Former Heatcraft Lucent-Alcatel SK Charlotte SK Raleigh SK St Pauls USCG Base Wysong & Miles
Investigation Supplemental Info requested by Agency	CA155		Former Heatcraft
Draft RFI Report Reviewed, NOTI issued	CA186		IBM Safety Kleen Raleigh
RFI Report reviewed / approved	CA197		DuPont Kinston Former Ashland Greensboro Safety Kleen Charlotte
CMS Work plan mod requested by Agency	CA270		DAK Parker Hannifin
CMS Work Plan Approved	CA300		DAK Safety Kleen Charlotte
CMS NOV	CA323		Alcoa
CMS Complete	CA350		Haynes Wire
Site Visit (CA, OP, PC, CL)	XX551		Alcoa Central Maintenance Former DuPont Brevard Haynes Wire Ingersoll Rand NIEHS / EPA Safety Kleen Raleigh
Interim Measures Work Plan reviewed, NOTI Issued	CA620		Former DuPont Brevard Former Heatcraft
Interim Measures Plan Approved	CA630		Former DuPont Brevard Former Heatcraft

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Name Changes in FY11

Former Name	ID Number	New Name
Charlotte NC Box	NCD003156460	International Paper Charlotte Container
Danaher	NCD041466251	Dynapar
Eastpoint	NCD067203752	Schneider Electric
Former Asheville D& F	NCD070619663	Old Asheville D& F
Freightliner	NCD018652339	Daimler
GE Hickory	NCD003237948	General Electric
GSK North	NCD065655599	GlaxoSmithKline North
GSK South	NCD052547635	GlaxoSmithKline South
Heritage	NCD121700777	Dart
Lucent Tech	NCD003213907	Lucent Alcatel
North Carolina State Univ.	NCD000830737	NCSU Main Campus
Rental Towel	NCD986215572	Rental Uniform Services
UNC Chapel Hill	NCD982093783	The University of North Carolina Chapel Hill
XVIII ABN Corps & Ft Bragg	NC8210020121	HQ, Garrison Command (Ft. Bragg)

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ED_005269_00000096-00024

Attachment B

NC FY2011 Actual Work Years

Title	Organization	Incumbent 9/30/11	Work Years	Notes
Env Supervisor IV	Section	Cannon, Liz	1.00	
Progr/ Analyst	Info. Tech. Srvs.	Patel, Amita	0.50	Split-funded
Processing Asst IV	Division	McCardle, Cheryl	0.25	Split-funded
Env Supervisor III	Facility Mgmt Branch	McCarty, Bud	1.00	
Office Asst IV	Facility Mgmt Branch	Deaver, Melodi	1.00	
Hydrogeologist	Facility Mgmt Branch	McDaniel, Rob	1.00	
Hydrogeologist	Facility Mgmt Branch	Qi, Qu	1.00	
Env Supervisor II	Facility Mgmt Branch	Jackson, Vance	1.00	
Hydrogeologist	Facility Mgmt Branch	Siedlecki, Mary	1.00	
Env Engineer	Facility Mgmt Branch	Utterback, Carl	1.00	
Hydrogeologist	Facility Mgmt Branch	Stanley, Larry	1.00	
Hydrogeologist	Facility Mgmt Branch	Wilkins, Mark	1.00	
Engineer	Facility Mgmt Branch	Lawson, Kathy	1.00	
Engineer	Facility Mgmt Branch	O'Neal, Katherine	1.00	
Hydrogeologist	Facility Mgmt Branch	Ulishney, Adam	1.00	
Env Supervisor	Section	Cotton, Helen	1.00	
Business Officer	Financial & Info Mgmt Unit	Davalos, Patricia	1.00	
Env Chemist II	Compliance Branch	Preston, Ann	1.00	
Business Officer	Compliance Branch	Lopp, Jenny	1.00	
Processing Asst IV	Compliance Branch	Spinks, Phillystine	0.90	Part-time
Admin Asst II	Financial & Info Mgmt Unit	Edwards, Jim	1.00	
Processing Asst IV	Financial & Info Mgmt Unit	Strawbridge, Ray	1.00	
Public Info Asst IV	Compliance Branch	Belk, Rashida	0.33	Filled 7/5/11
Hydrogeologist	Compliance Branch	Roberts, Doug	1.00	
Engineer	Compliance Branch	Kady, Lebeed	1.00	
Processing Asst IV	Financial & Info Mgmt Unit	Hinnant, Lillie	1.00	
Account Clerk IV	Financial & Info Mgmt Unit	Brauner, William	0.66	Filled 2/1/11
Env Supervisor III	Compliance Branch	Williford, Mike	1.00	
Env Chemist II	Compliance Branch	Cooper, Harvi	1.00	
Office Asst IV	Section	Galantis, Kelly	0.80	Part-time
Env Supervisor I	Compliance Branch	Burch, Brent	1.00	
Env Senior Specialist	Compliance Branch	Allen, Spring	1.00	
Env Senior Specialist	Compliance Branch	Barron, Steve	1.00	
Env Senior Specialist	Compliance Branch	Burnette, Mark	1.00	
Env Senior Specialist	Compliance Branch	Morris, Sean	1.00	
Env Supervisor I	Compliance Branch	Patterson, Jenny	1.00	
Env Senior Specialist	Compliance Branch	Bailey, Brad	1.00	
Env Senior Specialist	Compliance Branch	Denton, Dick	0.92	Vacated 8/31/11
Env Senior Specialist	Compliance Branch	Nelms, Bobby	1.00	
Env Senior Specialist	Compliance Branch	Walker, Jenne	1.00	
Env Supervisor II	Resident Inspector Prg.	Brailsford, Mike	0.50	Split-funded
Office Asst IV	Resident Inspector Prg.	Page, Sue	1.00	
Env Senior Specialist	Resident Inspector Prg.	Foster, Anthony	0.92	Vac 7/14 filled 9/1/11
Env Senior Specialist	Resident Inspector Prg.	Hester, JD	1.00	
		TOTAL	**40.78**	

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Attachment C

	FY 2010/2011 NC Hazardous Waste Training Records	
Employee	**Training Class**	**Hours**
Allen, Spring	Hazwoper Part B	4
	Hazwoper Part A	4
	CPR/AED	2
	Blood-borne Pathogens	1
Bailey, Brad	Hazwoper Part A and B	8
	First Aid/CPR/AED	6
	Blood-borne Pathogens	1
	Hospital Training	4
	DOT Haz-Mat Transportation	8
	McCoy's Hazardous Waste	40
Barron, Steve	Hazwoper Part B	4
	Hospital Training	4
	Hazwoper Part A	4
	CPR/AED	2
	Blood-borne Pathogens	1
Burch, Brent	Hazwoper Part A	4
	Hazwoper Part B	4
	Hospital Training	4
	Workplace Violence	2
	Blood-borne Pathogens	1
Brunette, Mark	Hazwoper Part B	4
	Hospital Training	4
	Hazwoper Part A	4
	CPR/AED	2
	Blood-borne Pathogens	1
Brailsford, Mike	Hazwoper Part A	4
	Blood-borne Pathogens	1
	Hazwoper Part B	4
Cannon, Liz	Hazwoper Part A	4
	Hazwoper Part B	4
Cooper, Harvi	Hazwoper Part A	4
	Hazwoper Part B	4
	Blood-borne Pathogens	1
	Hospital Training	4
Cotton, Helen	Hazwoper Part A	4
	Hazwoper Part B	4
Davalos, Patricia	EPA Definition of SW Rule	1

	Waste Management GIS Data Share	2
	Stress Management	3
	State Review Framework- RCRA and Dashboard	2
Denton, Dick	Hazwoper Part A	4
	Hospital Training	4
Deaver, Mel	Office Safety/Back Injury Prevention	4
Edwards, Jim	Office Safety/Back Injury Prevention	4
	CPR/AED	1.5
	Scanning Public Records	2
	EPA Definition of SW Rule	1
Galantis, Kelly	Office Safety/Back Injury Prevention	4
Hester, J.D.	Hazwoper Part A	4
	Hazwoper Part B	4
	Blood-borne Pathogens	1
Hinnant, Lillie	EPA Definition of SW Rule	1
	Office Safety/Back Injury Prevention	4
	Office Safety/Back Injury Prevention	4
Jackson, Vance	Hazwoper Part A	4
	Hazwoper Part B	4
	ASTSWMO HW Managers Training	20
Kady, Lebeed	Hazwoper Part A	4
	Hazwoper Part B	4
Lawrence, Ernie	Hazwoper Part A	4
	Hazwoper Part B	4
	First Aid/CPR/AED	8
	Hospital Training	4
	Blood-borne Pathogens	1
Lawson, Kathy	Hazwoper Part A	4
	Hazwoper Part B	4
	Mimosa Archive Demonstration	0.5
	Vapor Intrusion	4
	CARA Demonstration	1
Lopp, Jenny	Office Safety/Back Injury Prevention	4
McCarty, Bud	Vapor Intrusion	4
	EPA DSW	1.5
	Hazwoper Part B	4
	Addressing the Potential Liabilities Assoc. w/ Siting Renewable Energy	2
	Hazwoper Part A	4
McDaniel, Rob	Hazwoper Part A	4
	Hazwoper Part B	4
	CARA Demonstration	1

Morris, Sean	Blood-borne Pathogens	1
	Hazwoper Part A	4
	Hospital Training	4
	Hazwoper Part B	4
	NCRWA Operator	8
Nelms, Bobby	Hazwoper Part A	4
	Hospital Training	4
	Hazwoper Part B	4
	Blood-borne Pathogens	1
Oneal, Katherine	Hazwoper Part A	4
	Hazwoper Part B	4
	EPA DSW	1.5
Orozco, Phil	Hazwoper Part A	4
	Hospital Training	4
	Hazwoper Part B	4
	EPA Definition of SW Rule	1
	Documentum Data	1
	EPA DSW	1.5
	Blood-borne Pathogens	1
Page, Sue	Office Safety/Back Injury Prevention	4
Patterson, Jenny	EPA Definition of SW Rule	1
	Hazwoper Part A	4
	Hazwoper Part B	4
	Building Accountability	8
	Hospital Training	4
	MESH	1
	State Review Framework- RCRA and Dashboard	2
	Performance Management Training	3
	EPA DSW	1.5
	Blood-borne Pathogens	1
Preston, Ann	Hazwoper Part A	4
	Hazwoper Part B	4
	EPA Definition of SW Rule	1
	EPA DSW	1.5
Proctor, Robin	Hazwoper Part A	4
	Hazwoper Part B	4
	Hospital Training	4
	CPR	2
Roberts, Doug	Hazwoper Part A	4
	Hazwoper Part B	4
Siedlecki, Mary	Hazwoper Part B	4
	Hazwoper Part A	4

Spinks, Phillystine	Office Safety/Back Injury Prevention	4
Stanley, Larry	Hazwoper Part A	4
	Vapor Intrusion	4
	Hazwoper Part B	4
Strawbridge, Ray	Balancing Professional and Personal Demands BBL	1.5
	EPA Definition of SW Rule	1
	Stress Management	3
	First Aid/CPR	6
	Scanning Public Records	2
	Office Safety/Back Injury Prevention	2
Walker, Jenne	Hospital Training	4
	Hazwoper Part A	4
	Hazwoper Part B	4
	Blood-borne Pathogens	1
Wilkins, Mark	Hazwoper Part A	4
	Hazwoper Part B	4
Williford, Mike	Blood-borne Pathogens	1
	Hazwoper Part A	4
	Hazwoper Part B	4
Qu, Qi	Hazwoper Part A and B	8
	Vapor Intrusion	4
	CARA Demonstration	1
Ulishney, Adam	CARA Demonstration	1
	Hazwoper Part A and B	8
Utterback, Carl	Hazwoper Part A	4
	Vapor Intrusion	4
	Hazwoper Part B	4
	Total Hours	**540**