



Solid Waste and Materials Management Annual Report July 1, 2018 - June 30, 2019

Submit this form to Lgteam@ncdenr.gov by **September 1, 2019**.

On the following pages, you will find the Local Government Solid Waste and Materials Management Annual Report Form for Fiscal Year 2018-2019. Each North Carolina county and municipality is required to complete this report annually. Completion and submission of this report will fulfill the annual reporting mandate to the state as required by G.S. 130A-309.09A. Failure to complete and submit this report could result in the local government being excluded from distributions of Solid Waste Disposal Tax Proceeds and other Department of Environmental Quality grants.

Instructions

You can download a blank copy of this form from this web site: <http://deq.nc.gov/about/divisions/waste-management/solidwaste-section/annual-reporting>

This form must be completed electronically using Adobe Reader. It is suggested that you complete the form using the latest version of Adobe Reader which can be downloaded for free at: <https://get.adobe.com/reader/>. Please **DO NOT** complete this form using Adobe Acrobat Pro.

Complete the form by entering responses in the appropriate fields using Adobe Reader. Please save a copy of the completed form to your computer for your records by using the "Save As" option. Name the file Community Name LGAR 2018-19. For example, Aberdeen LGAR 2018-19.

After completing the report form, please submit a copy electronically to the Division of Environmental Assistance and Customer Service by attaching the report file to an email to Lgteam@ncdenr.gov

If you need assistance completing or submitting this form, please feel free to contact one of the following Division of Environmental Assistance and Customer Service staff members:

Sandy Skolochenko, phone: 919-707-8147, email: sandy.skolochenko@ncdenr.gov

Matt James, phone: 919-707-8133, email: matt.james@ncdenr.gov



Required: Select your Local Government Name
WAKE COUNTY

State of North Carolina

Department of Environmental Quality

Division of Waste Management &

Division of Environmental Assistance and Customer Service

Local Government Report Form

COMPLETION AND SUBMISSION OF THIS REPORT WILL FULFILL THE ANNUAL REPORTING MANDATE TO THE STATE AS REQUIRED BY G.S. 130A-309.09A.

Please submit this form to Lgteam@ncdenr.gov by **September 1, 2019**.

If you have questions or need assistance completing this form, please call 919-707-8147 or 919-707-8133.

Person Completing This Report: Meghan Baldwin Title: Solid Waste Facilities Manager

Mailing Address: PO Box 550 City: Raleigh Zip: 27602

Phone: (919) 856-5698 Date: 8/1/19

Email: meghan.baldwin@wakegov.com

General Instructions

Please remember that the time period for the report is JULY 1, 2018 through JUNE 30, 2019. Please check "No" if you have nothing to report for a specific question.

1. Did your local government have a Recycling Coordinator or similar position for FY 18-19? Yes No

Name Recycling Coordinator (if different from person completing this report.)

Name: _____ Title: _____

Address: _____ City: _____ Zip: _____

Telephone: _____ Email: _____

2. Did your local government have a Solid Waste Director or similar position for FY 18-19? Yes No

If Yes, Name: John Roberson Title: Solid Waste Management Director

Address: PO Box 550 City: Raleigh Zip: 27602

Telephone: 9198566365 Email: john.roberson@wakegov.com

3. Did your local government have **dedicated or part-time** Solid Waste Enforcement Staff for FY 18-19? Yes No

If Yes, Name: Grant Jones Title: Solid Waste Facilities Manager

Address: PO Box 550 City: Raleigh Zip: 27602

Telephone: 9198566436 Email: grant.jones@wakegov.com

4. Did your local government have solid waste ordinances in place addressing any of the following during FY 18-19? (if yes, please check all that apply)

Disposal Bans Illegal Dumping Littering Construction & Demolition Other: _____

5. Did your local government manage, provide or contract for any solid waste services in FY 18-19 (e.g., collection, disposal, recycling, mulching, composting)? Yes No

If you answer "No" to question 5, the report is complete, please email to Lgteam@ncdenr.gov.

Part I. Waste Reduction and Recycling Programs Serving Government Facilities

6. Did your local government have a recycling program in place for collecting recyclable materials generated at public buildings in FY 18-19? Yes No
7. Did your local government have any program or policy encouraging or requiring local agencies to purchase products with recycled content? Yes No
8. Did your local government have a program in place to collect and recycle spent fluorescent lights generated from the public buildings and facilities that were operated by your government in FY 18-19? Yes No

Part II. Waste Reduction and Recycling Programs Serving the Public

SOURCE REDUCTION / REUSE

9. Did your local government have a backyard composting program? Yes No
10. If yes, please check all backyard composting activities that apply:
 Education Demonstration site(s) Bin distribution/sales Number of Bins distributed? 670
11. Did your local government operate a program to promote source reduction efforts such as junk mail reduction, reduction of single use plastics, food waste reduction, or promoting reuse and donation? Yes No
12. Did your local government offer a waste exchange or reuse program? Yes No
13. If you answered "yes" in question 12, please indicate which waste exchange and/or reuse programs were available to the public:
 Swap shop/shed Number of sheds in use? _____ Paint exchange Number of gallons recovered? _____
 Other (e.g. pallet exchange, etc.) _____

PUBLIC RECYCLING SERVICES

14. Which of the following responses best describes your recyclables recovery activities for the period July 1, 2018 through June 30, 2019? Choose **ONE** option that best applies.
- My local government **DID operate or contract** for a recyclables recovery program. **(please continue to question 15)**
- My local government **DID NOT operate or contract** for recyclables recovery **BUT DID participate** in a recyclables recovery program sponsored by another local government. (Please identify the public agency/organization responsible for its operation; **then go to Part IV on page 7.**)
- With which local government did you participate? _____
- My local government **DID NOT operate, contract or participate** in a recycling program. **(Go to Part IV on page 7.)**

CURBSIDE RECYCLING PROGRAM

15. Did your government operate a Curbside Recycling Program? Yes No, skip to question # 25
16. Who collected the recyclable materials for your local government's curbside recycling program?
- Local government employees
- Private contractor (please specify) _____
- Franchised hauler (please specify) _____
- Other (please specify) _____

17. Please provide the following information about your community:
- Total number of households in your jurisdiction? _____
 - Number of households eligible to participate in the curbside recycling program: _____
 - Provide the **number of households** that participate in the curbside recycling program (estimate if necessary): _____
18. If your curbside recycling program is operated through a public franchise granted to a private company then please answer the following:
 Is public participation in the franchise: Voluntary or Mandatory
 Does your franchise consist of: One service district or Multiple service districts
19. What sector(s) of your community was served by the curbside recycling program?
 Residential Commercial Industrial
20. If you checked commercial or industrial in question 19, please indicate the number of accounts served: _____
21. How frequently were the curbside recyclables collected?
 Once a week Every other week / biweekly
 Other _____
22. Please describe the collection containers used:
 Bins Blue bags
 Multi-bin system Roll-out carts
23. Please describe the method / style of recyclable materials handling:
 curb-sort (collector separates material as collected) single stream / commingled
 dual / two stream don't know / other

DROP-OFF RECYCLING PROGRAM

24. Did your government operate a Drop-off Recycling Program? Yes No, skip to question # 31
25. Who collected the recyclable materials for your local government's drop-off recycling program?
 Local government employees
 Private contractor WM Recycle America
 Other (please specify) _____
26. Please describe the method / style of recyclable materials handling for your drop-off recycling program:
 source-separated (citizens separate materials by type) single stream / commingled
 dual / two stream (paper separated from cans/bottles) don't know / other
27. Please estimate the number of households served by your drop-off recycling program. 431,086
28. What sector(s) of your community are served by the drop-off recycling program? Residential Commercial Industrial
29. How many drop-off locations did you provide for the citizens in your jurisdiction? Number of Sites: 17
30. How many of these locations were staffed with attendants? All None Some please list # of staffed sites: _____

ELECTRONICS RECYCLING PROGRAM

31. Did your community operate an electronics recycling program in FY 18-19? Yes No, skip to question # 37
- If you did operate an electronics recycling program, please indicate style of program:
 Permanent - Curbside Collection Permanent - Drop-off Scheduled Collection Day or Event Part of HHW Program
- If you offer curbside collection of electronics is it: by appointment or unscheduled
- If you operate a drop-off electronics program, how many collection sites do you provide? Number of Sites: 5

32. Did your electronics recycling program collect or accept televisions from (check all that apply): Residences Businesses
33. Did your electronics recycling program collect or accept computer equipment from (check all that apply): Residences Businesses
34. DEQ distributes Electronics Management Funds each February to eligible governments (G.S. 130A-309.137). If your government was eligible to receive proceeds from the State Electronics Management Fund in February of 2018, please provide the following information:
 Electronics Management Fund balance as of July 1, 2018: \$0 _____
 Electronics Management Funds received from DEQ during FY 18-19 (Feb 2019 distribution): \$ 65,980.72 _____
 Electronics Management Funds spent during FY 18-19: \$ 65,980.72 _____
 Electronics Management Fund balance as of June 30, 2019: \$ 0 _____

35. Briefly explain how Electronics Management Funds were spent during FY 2018-19 (please list items purchased if applicable):
 Wake County used \$36,343.19 to partially offset contracted labor and hauling for site attendants, packaging supplies, collection and processing of electronic material. The remaining \$29,637.53 was distributed to the municipalities in Wake County. The cost of Wake County's electronics recycling program in FY 2019 was \$780,022.86

36. If you did operate an electronics recycling program, please provide the following information about your vendor / contractor:
 Name of electronics recycling vendor(s) during FY 18-19: GEEP, Powerhouse Recycling _____
 Does the electronics recycling vendor(s) listed above hold either the e-Steward or R2 certifications? Yes No

OTHER PUBLIC RECYCLING PROGRAMS

List only programs operated or contracted for by the local government. The tonnage of any materials collected by the following programs should be listed in the "Other" column in the Recycling Tonnages Chart on pg 5.

37. Did your local government operate a multifamily recycling collection program that provides on-property recycling service for residents of multifamily properties in a manner other than through your curbside or dropoff recycling programs? Yes No
38. Did your local government operate a recycling program to serve commercial or institutional members of your community in a manner other than through your curbside or dropoff recycling programs? Yes No
39. Does your local government provide recycling services to Alcoholic Beverage Commission permit holders? Yes No
 On-site collection services provided If on-site collection provided, please estimate # of ABC accounts served: _____
 Public drop-off recycling sites available for ABC On Premises Permit holders to use
40. Does your local government operate a program to recycle Construction and Demolition materials? Yes No
 If yes, please check all materials that were recycled and report tonnages in tonnage table on page 5:
 Clean Wood Brick, concrete, etc. Sheetrock Vinyl siding Shingles Metals Other
41. Please identify all Away From Home / Recycling On The Go programs or services operated by your government during FY 18-19. (check all that apply and if possible indicate tonnages on page 5 in "Other" column)
 Public Parks Recycling Program Athletic Field /Venue Recycling Program
 Pedestrian Recycling Program Recycling Service for Special Events / Festivals
42. Please identify all "Other" programs or services operated by your government during FY 18-19. (check all that apply and if possible indicate tonnages on page 5 in "Other" column)
 Public School Recycling Program
 Scheduled Collection Drives (e.g. confidential document shredding event held quarterly, once a year, etc.)
 Lend-a-Bin Program where local government provides recycling containers to community organizations for use at events
 Organics / Food Waste Recycling other than yard waste program
 Oyster Shell Recycling Program
 Other Programs (please specify) _____

Programs to manage Special Wastes are addressed in Part III on page 6, please do not include Special Waste programs above.

RECYCLING TONNAGES FROM PUBLIC PROGRAMS

43. a. Enter data in the table below for ALL recycling programs operated or contracted for by your local government. Provide TONNAGES (or estimates) for each material collected for the period JULY 1, 2018 through JUNE 30, 2019. DO NOT include materials that were not collected or managed by your local government either directly or under contract to a private service provider.
- b. Do NOT report YARD WASTE, TIRES, HHW, USED OIL, OIL FILTERS, ANTI-FREEZE, BATTERIES or other SPECIAL WASTE tonnages on this page - these items should be reported on page 6 in the SPECIAL WASTE section of this report.
- c. If you collected single stream or other commingled materials, record tons in the "Commingled tons" row and then check the box for each individual material type that was commingled.

PROGRAM	Curbside		Drop-off		All "Other" Programs		Total Tons (totals are calculated by form)					
	<input checked="" type="checkbox"/> if Yes	Tons	<input checked="" type="checkbox"/> if Yes	Tons	<input checked="" type="checkbox"/> if Yes	Tons						
GLASS:												
Clear	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Brown	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Green	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Mixed	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
PLASTIC:												
PET #1	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
HDPE #2	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
All Plastic Bottles	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Other Plastic Containers	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Bulky Rigid Plastics	<input type="checkbox"/>		<input checked="" type="checkbox"/>	16.22	<input type="checkbox"/>		16.22					
METAL:												
Aluminum Cans	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Steel Cans	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
PAPER:												
Newsprint (ONP)	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Cardboard (OCC)	<input type="checkbox"/>		<input checked="" type="checkbox"/>	2,609.84	<input type="checkbox"/>		2,609.84					
Magazines (OMG)	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
Office Paper	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	61.7	61.7					
Mixed / Other Paper	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input checked="" type="checkbox"/>	659.95	659.95					
Cartons / Aseptic Containers	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>							
WOOD:												
Pallets	<i>Report all tons in Other column</i>					<input checked="" type="checkbox"/>						
Other Wood - DO NOT report yard waste tons here						<input type="checkbox"/>						
OTHER MATERIALS:												
Textiles (clothes etc...)	<i>Report all tons in Other column</i>					<input checked="" type="checkbox"/>	78.05	78.05				
Televisions						<input checked="" type="checkbox"/>	2,136.21	2,136.21				
Other Electronics						<input checked="" type="checkbox"/>	562.12	562.12				
C&D Materials Recycling						<input type="checkbox"/>						
White Goods						<input checked="" type="checkbox"/>	1,193.81	1,193.81				
Other Metal						<input checked="" type="checkbox"/>	5,593.5	5,593.5				
Food Waste						<input checked="" type="checkbox"/>	30.2	30.2				
Oyster Shells						<input checked="" type="checkbox"/>	12	12				
Commingled tons-check all items collected above*						<input type="checkbox"/>		<input checked="" type="checkbox"/>	3,347.07	<input checked="" type="checkbox"/>	147.85	3,494.92
TOTAL TONS:									5,973.13		10,475.39	16,448.52

44. *If you checked commingled, which material recovery facility does your community use: Waste Management Recycle America

45. **RECYCLING TONNAGE AS A RESULT OF POLICY OR ORDINANCE:** complete this section for materials that were recycled as a result of local government ordinances or policies but that were NOT collected or managed directly by your local government recycling program. E.g. a cardboard disposal ban results in private cardboard recycling (and you have a way to track the tons collected)

Material Type	Tons Diverted	Describe the mechanism that caused these materials to be recovered and data collection method

Part III. Special Waste Collections

Please provide responses and data as indicated below considering services provided to the public. Please do not include data on materials that were accepted and then disposed of in a landfill. Do not include materials generated exclusively by government operations (e.g. motor-fleet services). Question 46 is about materials accepted outside of any Household Hazardous Waste (HHW) Program or event. If special wastes were only accepted as a part of an HHW Program or HHW event and were not collected by separate recycling efforts then do not record materials in question # 46 but instead report with HHW materials in question # 47.

Special Waste Collections (Do Not Include Materials Collected as part of an HHW Collection Program or Event)

46. Special Waste Programs for Collecting Materials from Citizens by Material Type	Did program collect this material from the public?	# of sites	Data on quantities collected / managed. Please report in indicated units.	
Used Motor Oil	<input checked="" type="checkbox"/> Yes	3	45,038	gallons
Used Oil Filters	<input checked="" type="checkbox"/> Yes	3	78	barrels, or _____ lbs
Used Antifreeze	<input checked="" type="checkbox"/> Yes	3	4,521	gallons
Batteries, Lead Acid	<input checked="" type="checkbox"/> Yes	3	8,182	# batteries, or _____ lbs
Batteries, Dry Cell	<input checked="" type="checkbox"/> Yes	3	46,534	lbs
Fluorescent Bulbs/Lights Containing Mercury	<input type="checkbox"/> Yes	_____	_____	lbs, or _____ # bulbs
Propane Tanks	<input type="checkbox"/> Yes	_____	_____	lbs, or _____ # tanks
Used Cooking Oil / Waste Vegetable Oil	<input checked="" type="checkbox"/> Yes	3	8,600	gallons
Other Special Wastes - please provide waste type here: <u>Rechargeable Li & NiCd batteries</u>	<input checked="" type="checkbox"/> Yes	3	16,740	lbs
Pesticide Containers (NCDA Program, not pesticides themselves)	<input type="checkbox"/> Yes	_____	_____	lbs, or _____ # containers
NCDA Pesticide Disposal Assistance Program (for management of pesticides, not containers)	<input type="checkbox"/> Yes	_____	_____	lbs
Latex Paint (do not include paint collected at HHW event or by a paint exchange program)	<input type="checkbox"/> Yes	_____	_____	gals, or _____ lbs

Household Hazardous Waste (HHW) and Very Small Quantity Generator (VSQG) Program or Event

47. Did your local government operate a household hazardous waste collection program or event in FY 18-19? Yes No
- If Yes, please respond to the following questions:
- Was HHW collected at a permitted Temporary Event or at a Permanent HHW Collection Facility? Permanent Temp. Event
 - How many days was your HHW Program open to accept materials during this Fiscal Year? 358.5
 - Did you partner or co-sponsor your HHW program with another local government? Yes No
Please list partner(s) _____
 - Provide number of citizens / households that participated in your HHW collection program this Fiscal Year? 53,847
 - Did your program accept materials from small businesses (Very Exempt Small Quantity Generators)? Yes No
If yes, please estimate the amount of business material managed _____ pounds
 - Amounts of individual materials collected by HHW Program: if totals for individual materials are known please itemize below. If data about individual materials is not available, please simply provide total quantity of materials collected by HHW program in 47g below. Note, materials listed here should only be those collected at an HHW Program and should not include materials listed in question 46.

Used Motor Oil (gal) _____	Used Oil Filters _____	# of Barrels, or _____	lbs.
Used Antifreeze (gal) _____	Lead Acid Batteries (lbs) _____	Other Batteries (lbs) _____	
Fluorescent Bulbs / Lights Containing Mercury (lbs) <u>39,467</u>			
 - Provide Total Quantity of materials collected by HHW Program. If individual materials were reported in 47f, please net the weight of those materials out of the total listed here. 1,957,477 pounds
 - Please list HHW Collection Contractor ECOFLO, Inc.
 - Estimated cost of HHW / VSQG program or event(s) \$ 921,426.01

Pages 3 through 6 should have only been completed by governments indicating in question # 14 that they DO provide recycling services. All governments answering "Yes" to question #5 on page 1 should complete the rest of the report with the exception of Questions #66 - #88 which are for Counties only.

Part IV. Yard Waste, Mulching and Composting Management

Yard waste may not be disposed in sanitary landfills, incinerators, or in unpermitted sites and it is illegal to burn. Do not include information on food waste or non-vegetative materials in this section.

48. Does your local government operate a yard waste program? Yes No If yes please indicate how yard waste is managed by checking all that apply: Collected curbside Collected at convenience center Received at yard waste, compost, or LCID facil.
49. Did a storm event significantly impact the amount of yard waste your government managed during FY 18-19? Yes No
50. What quantities of materials were managed by your yard waste program? **Provide information in TONS OR CUBIC YARDS of organic material (yard waste, brush, limbs, leaves, etc.) managed.** For conversion purposes, use 400 lbs./cubic yd.

Destination	Check if used	Tons		Cubic Yards	Facility Name and Location
End user (to farmer or home-owner)	<input type="checkbox"/>		or		
Your local government's mulch or compost facility	<input type="checkbox"/>		or		
Other public mulch or compost facility	<input type="checkbox"/>		or		
Private mulch or compost facility	<input type="checkbox"/>		or		
Land clearing and inert debris landfill (LCID)	<input type="checkbox"/>		or		
Energy / Fuel Use (e.g. boiler fuel market)	<input type="checkbox"/>		or		
Total			or		

YARD WASTE MANAGEMENT FORMULA: If yard waste quantities are not tracked, you may use this formula below to help you estimate yard waste volume. Calculate for each truck used in your yard waste management program, and then enter the grand total volume managed by program in the appropriate boxes above. *Ex. 10 cubic yard truck x 3 days/wk x 16 wks = 480 cubic yards*

$$\begin{array}{ccccccc}
 \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & = & \underline{\hspace{2cm}} \text{ cubic yards} \\
 \text{Size of Truck (in yards)} & & \text{Avg. no. of times truck fills each week} & & \text{\# of weeks truck is used during year} & & \text{TOTAL}
 \end{array}$$

Part V. Solid Waste Collection Services

51. Please complete the following table about your government's solid waste (garbage) collection system.

Sector	Who Collects Solid Waste?				How is Solid Waste Collected?				Who Collects Solid Waste?	How is Solid Waste Collected?
	Insert Letter - see codes at right				Insert # - see codes at right					
Residential	Primary	b	Secondary		Primary	3	Secondary		a. Local government employees	1. Once a week at household
Commercial	Primary	d	Secondary		Primary		Secondary		b. By Contract	2. Twice a week at household
Industrial	Primary	d	Secondary		Primary		Secondary		c. Franchise haulers	3. Convenience center/greenbox
									d. Local government not involved in provision of service	4. As needed or by request
										5. Daily
										6. Other

52. If you provide residential waste collection at single-family households in your jurisdiction, please answer the following questions:

- What type of collection method is used? Fully Automated Semi-Automated Manual Don't know
- What is the standard collection frequency? Weekly Two times per week Other
- What is the typical service point for single family household waste? Curbside Back yard / Back door
- What type of collection container is used? Government-provided carts Resident-provided container Bags
- Do you offer bulky waste collection services? Yes No

53. For municipalities - did your government collect white goods at the curb? Yes No
 If so, were white goods delivered to the county for marketing? Yes No

Part VI. Solid Waste and Recycling Educational Activities

54. Did **your local government** have an education program to inform citizens specifically about solid waste management and / or recycling issues / activities? Yes No (If No, skip to Part VII, page 8)
55. Please estimate your annual budget for solid waste related education and outreach activities: \$504,800
56. Does your community produce recycling education and outreach materials in languages besides English? Yes No
 If YES, please list other languages used: _____

Part VII. Resources for Solid Waste Management and Full Cost Accounting

57. Did your local government operate an Enterprise Fund for solid waste services in FY 18-19? Yes No
58. NC Solid Waste Disposal Tax proceeds are distributed to eligible local governments on a quarterly basis by the Department of Revenue. According to GS 105-187.63 these funds must be used by a city or county solely for solid waste management programs and services. Did your local government receive Solid Waste Disposal Tax distributions? Yes No
- If yes, how are disposal tax distributions being used? To partially offset the costs of recycling materials from Convenience Centers

59. What other funding sources does your local government use?
- | | | |
|-----------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------|
| <input checked="" type="checkbox"/> Tipping fees | <input type="checkbox"/> Volume/weight-based fees (e.g. PAYT) | <input checked="" type="checkbox"/> Tire tax |
| <input type="checkbox"/> Property taxes / general fund | <input checked="" type="checkbox"/> Sale of recyclables | <input checked="" type="checkbox"/> White Goods tax |
| <input checked="" type="checkbox"/> Per household charges | <input checked="" type="checkbox"/> Grants | |

60. If applicable, please provide your FY 18-19 household fees (follow example format):
- ex: \$ 75.00 per year per household for solid waste
- a. \$ _____ per _____ per _____ for solid waste
- b. \$ _____ per _____ per _____ for recycling
- c. \$ _____ per _____ per _____ for yard waste
- d. \$ _____ per _____ per _____ for bulky waste
- e. \$ 20 per year per household availability fee
- f. \$ 20 per year per household total charge

61. Did your local government operate a Pay-As-You-Throw program for residential garbage during FY 18-19? (a system where residents are charged a fee by weight or volume for the amount of trash they discard) Yes No

According to *GS 130A-309.08*, local governments are required to conduct full cost accounting annually and to develop a system to inform users of such costs.

62. If your local government contracts for solid waste or recycling services, please report the annual contract amount.
- \$ _____ For solid waste services per year
- \$ _____ For recycling per year
- OR
- \$ 10,763,461 Combined Contract (solid waste, and recycling)

63. Collection Programs: Please complete the following table to the best of your ability to display the full costs of your local government's collection programs for waste, recyclables and yard waste including materials collected from convenience centers. **If full cost analysis is not available, please report program budget in Total Cost column.**

	# of Households served	Tons Collected	Collection Cost	Disposal Cost (tipping fees paid)	Total Cost including overhead	Cost Per Ton Managed (calculated by form)
Municipal Solid Waste*	<u>431,086</u>	<u>60,429</u>	<u>1,045,375</u>	<u>2,093,819</u>	<u>3,586,371</u>	<u>59</u>
Recycling Program**	<u>431,086</u>	<u>37,270</u>	<u>7,448,139</u>		<u>8,509,125</u>	<u>228</u>
Yard Waste Program						
Totals (calculated by form):		<u>97,699</u>	<u>8,493,514</u>	<u>2,093,819</u>	<u>12,095,496</u>	<u>123</u>

*for materials collected and sent for eventual disposal in a Municipal Solid Waste or Construction and Demolition Landfill.

**for materials collected by public recycling programs including those services offered to commercial and industrial generators. Do not include special waste services.

64. If your government operates a landfill, transfer station, yard waste /compost facility or recycling facility, please provide total budget for facility operations (round to nearest dollar). If budgets for different facilities are combined, please attempt to allocate costs proportionately.
- Landfill Budget: \$ 10,149,308
- Transfer Station Budget: \$ 5,009,533
- Yard Waste / Compost Facility Budget: \$ _____
- Recycling Facility Budget: \$ 8,509,125

65. What was your government's total combined annual budget for all solid waste and recycling services in 18-19? \$27,254,337

Part VIII. Mandated Programs

The following questions pertain to programs mandated by NC statute. **Only Counties** need to complete questions 66 through 88. Failure to complete Part VIII may result in non-eligibility for grant funding. **Municipalities** should skip to question 89 on page 10.

WHITE GOODS

66. Please provide name, address, phone number, and e-mail of person responsible for white goods program.

Name: Meghan Baldwin Title: Solid Waste Facilities Manager

Address: PO Box 550 City: Raleigh Zip: 27602

Telephone: 9198565698 Fax: _____ Email: meghan.baldwin@wakegov.com

67. Please provide the physical address of the primary county white goods collection site.

Street 1: North Wake 9029 Deponie Drive Raleigh NC 27614

Street 2: South Wake 6130 Old Smithfield Road Apex NC 27539

City: Raleigh State: North Carolina Zip: 27614

68. Please provide the name of the business or person that removes the refrigerant gases (CFCs) from white goods.

Name: GFL Environmental Inc.

Street: 3741 Conquest Drive

City: Garner State: North Carolina Zip: 27610

Phone: (919) 772-6100 Fax: _____ Email: james.scriven@gflenv.com

69. Give amounts / types of CFCs removed. Attach records of CFC removal, and copy of certification of person(s) performing extraction.

Type of CFC Removed	Amount
R22	152.8
R12	148.7
R134	184.8

70. CFCs may be recycled or sent for destruction. Give name of firm, disposal method and amount earned / spent for CFC disposal.

Firm	Method of Disposal	Amount Earned	Amount Spent
Diversified Pure Chem	Recycled	0	0

71. Please report the tonnage of white goods collected during FY 2018-19 in the Recycling Tonnages table on page 5 (question # 43). Was white goods tonnage reported on page 5? Yes No

72. List the amount of revenue for the white goods program by source:

Revenue collected from sale of scrap: \$ 209,592.52

Revenue collected from White Goods Tax Distributions: \$ 432,035.05

Revenue from other source (e.g. grants): \$ _____

Total Revenue: \$ 641,627.57

73. According to the White Goods Law, White Good Tax Distributions must be spent on white goods activities. Give amounts and types of expenditures White Good Tax Distributions were used for (do not include funds received from grants).

Operational Expenses: \$ 155,589.95

Capital Improvements: \$ 0

Clean-up of Illegal White Goods Dumps: \$ 0

Total Expenditures: \$ 155,589.95

SCRAP TIRES

74. Please provide name, address, phone number, and e-mail of person responsible for scrap tires program.
 Name: Meghan Baldwin Title: Solid Waste Facilities Manager
 Address: PO Box 550 City: Raleigh Zip: 27602
 Telephone: 9198565698 Fax: _____ Email: meghan.baldwin@wakegov.com
75. Please provide the physical address of the primary county scrap tires collection site.
 Street 1: North Wake 9029 Deponie Drive Raleigh NC 27614
 Street 2: South Wake 6130 Old Smithfield Road Apex NC 27539
 City: Raleigh State: North Carolina Zip: 27614
76. Tonnage/Number of scrap tires disposed July 1, 2018-June 30, 2019 (excluding tires from cleanup of nuisance sites)
20545.54 Tons or _____ Number of tires
77. Tonnage/Number of scrap tires disposed from cleanup of state or county designated nuisance sites
 _____ Tons or _____ Number of tires
78. Indicate the types of tires collected by the county:
 Passenger 90 % Heavy Truck 6 % Large Off-Road 2 % Agricultural 2 %
79. List the amount of revenue for the scrap tire program by source:
 Revenue from Scrap Tire Tax Distributions: \$ 1,450,763.36
 Revenue from Scrap Tire Fees: \$ 52,151.4
 Revenue from Scrap Tire Clean-up Reimbursements: \$ 0
 Revenue from Scrap Tire Cost-Overrun Grants: \$ 124,386
 Total Revenue: \$ 1,627,300.76
80. County's total scrap tire program contract expenditure (contract disposal/hauling costs), excluding costs of nuisance tire cleanups, for FY 18-19. \$ 1,751,661.11
81. County's additional scrap tire program expenditure (i.e. labor, convenience center cost), if any.
 Labor \$ 14462.50
 Site Cost \$ _____
 Other \$ _____ describe Other: _____
82. County's contract cost for scrap tire disposal. \$ 85.96 / Ton; \$ _____ / Tire
83. Hauling cost or fuel surcharge, if not included in contract cost above. \$ _____ / Ton; \$ _____ / Tire
84. Total tipping fees collected for tires not eligible for free disposal. \$ _____
85. Total number of tires collected not eligible for free disposal: _____
86. If scrap tires were not hauled off site by contracted service provider, were they cut and disposed in a local landfill? Yes No
87. Name of tire disposal/recycling firm(s): Central Carolina Holdings

MANAGEMENT OF ABANDONED MANUFACTURED HOMES BY COUNTIES

88. Has your county considered whether to implement a program for the management of abandoned manufactured homes? Yes No
 If yes, has your county developed a written plan for the management of abandoned manufactured homes? Yes No

TEMPORARY DISASTER DEBRIS STAGING SITES - Counties and Municipalities

89. Does your local government have a plan in place for management of disaster debris? Yes No
 If yes, indicate if the plan is a stand-alone plan or in conjunction with local government agencies: Stand-alone In conjunction
90. If you indicated having a plan, has the plan been reviewed by N.C. Emergency Management or FEMA to ensure it meets the basic requirements for public assistance reimbursement in a declared disaster event? Yes No

91. Please list the name, contact numbers(s), and e-mail address of the person(s) in charge of the disaster debris management program for your local government:

Name: John Roberson Name: Roy Baldwin Name: _____
 Phone: 9198566365 Phone: 9198565695 Phone: _____
 E-mail: john.roberson@wakegov.com E-mail: roy.baldwin@wakegov.com E-mail: _____

92. Please list the temporary disaster debris staging sites in your county or municipality which have been reviewed for conflicts with the Natural Heritage Program (NHP) and the State Historic Preservation Office (SHPO) through coordination with the Solid Waste Section. *Please note that the vetting of a site prior to a disaster is advantageous to local governments because a staging site which is found to have impacted federal or state resources after a disaster may cause difficulty for local governments when attempting to obtain FEMA reimbursement. Attach extra sheets, if needed.*

Disaster Site #	Site Name	Disaster Site #	Site Name
DS92-008	Feltsonville Landfill		
DS92-024	South Wake Landfill - Phase 4A		
DS92-012	Wake Reclamation, LLC		
DS92-013	Carolina Tree (Cooke Property)		

93. Does your plan address the management of: Household hazardous waste Mass animal mortality
 Abandoned vessels White goods

94. Does your plan include coordination with NC DOT on clearing roads and waste in the right of way? Yes No

Part IX. Comments

Use this section to elaborate on any info provided in your report as necessary. We would appreciate your comments about this report or other matters regarding solid waste management in North Carolina. Thank you for your time. You may submit additional sheets if needed.

This form is to be submitted electronically. If you require assistance, please contact one of these NC DEACS staff members:

Sandy Skolochenko, email: sandy.skolochenko@ncdenr.gov phone: 919-707-8147

Matt James, email: matt.james@ncdenr.gov phone 919-707-8133

THIS FORM IS DUE SEPTEMBER 1, 2019

The Division of Environmental Assistance and Customer Service Local Government Assistance Team is ready to assist you in any way we can. Please visit our Web site at <https://deq.nc.gov/conservation/recycling/local-government-recycling-assistance> or e-mail us at Lgteam@ncdenr.gov

