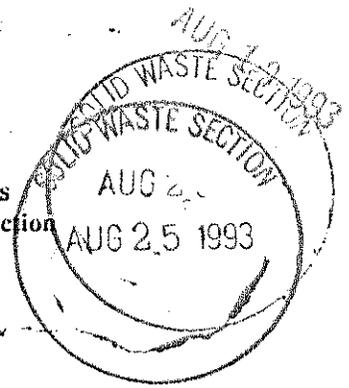


State of North Carolina

Department of Environment, Health, and Natural Resources
 Division of Solid Waste Management and Office of Waste Reduction
 P.O. Box 27687, Raleigh, North Carolina 27611-7687



TIRE COLLECTION SITE ANNUAL REPORT

FOR THE PERIOD OF JULY 1, 1992 - JUNE 30, 1993

Solid waste facilities are a vital part of the North Carolina infrastructure to manage solid waste. This report gathers information about solid waste facilities in the state.

Separate surveys have been sent to all counties and cities to gather information about other components of solid waste management programs in North Carolina.

Thank you for your assistance in completing this report. The information gathered as a part of this process should be of value to local governments and the state in assessing waste management programs and needs in planning for the future.

If you have any questions or concerns regarding this report please contact the Solid Waste Section at (919) 733-0692 or a waste management specialist. Completed forms should be returned to the waste management specialist for your area. Refer to the attached map for names and addresses. A copy of this report should be sent to the county manager of each county served by this facility.

Facility Name Tires Into Recycled Energy & Supplies, Inc. ("TIRES, Inc.") Permit Number 34-10TP
 Address 617 Waughtown Street, Building 300, Winston-Salem, NC 27107
 Location (same as address)
 Facility Owner (Corporation) see above
 Facility Operator (Corporation) see above
 Facility Contact Person Steve Peters
 Phone Number of Contact Person (919) 784-0390 Fax (919) 784-0106
 Date Facility Began Receiving Waste June 1992
 Date Facility Expected to Close N/A
 County(s) Served by this Facility See attached list, which includes tipping fees.
 Tipping Fee \$ (attached) /Ton (attached) (Please attach a schedule of tip fees if appropriate)

1. Total number of tires received at this facility during the period of July 1, 1992, thru June 30, 1993. Indicate tonnage or number of tires received from each county served by this facility. Attach additional pages as needed. Enter total out-of-state tires received by state of origin.

MONTH	County	County	County	TOTAL
July				
August				
September				
October				
November				
December				
January				
February				
March				
April				
May				
June				
TOTAL				

} See attached

2. Please indicate types of processing activity occurring at this facility. (Check all that apply)

- Shredding of tires for tire derived fuel
- Shredding of tires for crumb rubber
- Shredding of tires for landfilling
- Sorting of tires for salvage for recapping or resale
- Stamping solid rubber tires
- Other (Please specify) Processing of buffing dust
- Other (Please specify) _____

3. Please indicate landfills where waste tires or shredded tires were sent for disposal and quantity of tires sent for disposal.

Landfill <u>Piedmont Sanitary Landfill</u>	Quantity (tons or number of tires) <u>89 tons</u>
Landfill <u>US Tire Recycling</u>	Quantity (tons or number of tires) <u>24 tons</u>
Landfill _____	Quantity (tons or number of tires) _____

4. Please indicate quantity of tires on site as of JUNE 30, 1993

Quantity (tons or number of tires) 12,500 tires

5. Please indicate quantity of tires process for tire derived fuel (tdf).

Quantity (tons or number of tires) 1716 tons

6. Please indicate quantity of tires processed for re-use or recycling other than tdf.

Quantity (tons or number of tires) ~~5765~~ 5765 tons

7. Please indicate quantity of tires (whole or processed) which were disposed.

Quantity (tons or number of tires) 113 tons

Other Comments

We should appreciate your comments about this report or other matters regarding solid waste management in North Carolina. Thank you for your time.

This report should be sent to the waste management specialist for your area.

Person completing this form: David Forrester

Phone (919) 784-0390

Reviewed 8-19-93 BSL

Total tons of tires received by TIRES, Inc. 7/1/92-6/30/93

(Tons per month)	Jul-92	Aug-92	Sep-92	Oct-92	Nov-92	Dec-92	Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	TOTAL
Alexander	0	0	0	0	0	0	12	12	21	18	34	23	121
Ashe	28	29	0	27	10	0	25	14	0	14	21	16	184
Bladen	26	0	0	0	0	0	0	0	0	0	0	0	26
Catawba	0	0	0	0	0	0	0	62	77	70	82	51	342
Davidson	0	88	89	66	75	62	67	59	48	121	95	85	856
Durham	146	159	163	144	115	98	55	93	124	134	146	153	1,531
Edgecombe	32	10	22	45	53	42	32	31	43	50	19	62	441
Forsyth	86	93	73	73	83	85	157	135	265	172	164	205	1,591
Henderson	0	0	0	0	46	32	55	31	47	43	43	43	338
Hertford	10	21	24	21	22	11	11	10	11	33	11	10	193
Lincoln	0	51	13	38	0	24	25	7	21	58	40	45	323
Mecklenburg	0	0	0	0	0	0	1	1	1	2	2	15	22
Mitchell	0	0	0	20	11	12	13	20	0	12	20	29	138
Nash	0	0	35	66	68	44	62	37	41	52	48	91	545
Person	38	0	0	0	0	0	0	0	0	0	0	0	38
Rowan	22	89	27	40	9	9	0	0	0	0	0	0	197
Stokes	0	0	0	0	0	12	12	22	13	36	67	44	206
Vance	66	0	0	0	0	0	0	0	0	0	0	0	66
Wake	0	0	0	0	0	0	19	31	24	64	69	80	287
Yadkin	0	0	0	0	0	22	10	17	20	27	27	26	150
TOTAL	455	540	446	539	491	454	557	584	754	906	889	978	7,594

IMS

Tipping fees received by TIRES, Inc. 7/1/92-6/30/93

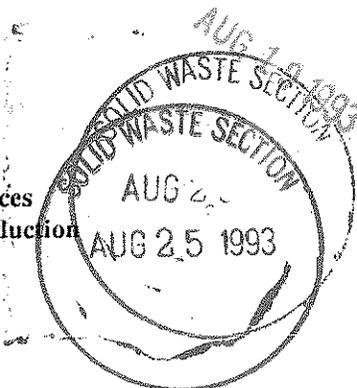
(Tipping)	Contract	Begin service	End of service	Tipping Fee	Includes transport	Includes loading
Alexander	No	Jan-93	N/A	50.00/ton	No	No
Ashe	No	Jul-92	N/A	50.00/ton	No	No
Bladen	No	Jun-92	Jul-92	80.00/ton	Yes	No
Catawba	Yes	Feb-93	N/A	62.00/ton	Yes	No
Davidson	Yes	Aug-92	N/A	58.00/ton	Yes	No
Durham	Yes	Jul-92	N/A	79.59/ton	Yes	Yes
Edgecombe	Yes	Jul-92	N/A	80.88/ton	Yes	No
Forsyth *	No	Jul-92	N/A	50.00/ton	No	No
Henderson	Yes	Nov-92	N/A	75.00/ton	Yes	No
Hertford	Yes	Jun-92	N/A	88.37/ton	Yes	No
Lincoln	Yes	Aug-92	N/A	78.50/ton	Yes	Yes
Mecklenburg **	Yes **	Jan-93	N/A	67.00/ton	Yes	No
Mitchell	Yes	Oct-92	N/A	75.22/ton	Yes	No
Nash	Yes	Sep-92	N/A	82.60/ton	Yes	No
Person	No	Jul-92	Jul-92	84.60/ton	Yes	Yes
Rowan *	No	Jun-92	N/A	50.00/ton	No	No
Stokes	Yes	Dec-92	N/A	69.52/ton	Yes	No
Vance	No	Jul-92	Jul-92	82.00/ton	Yes	Yes
Wake	Yes	Jan-93	N/A	60.00/ton	Yes	No
Yadkin	Yes	Dec-92	N/A	67.00/ton	Yes	No

* Tires received from Forsyth and Rowan Counties are from individuals and businesses, not from the Counties as whole entities.

** There is no contract with Mecklenburg County itself, but there are two contracts with two businesses located in Mecklenburg County.

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Facility Name Tires Into Recycled Energy & Supplies, Inc. ("TIRES, Inc.") Permit Number 34-10TP
 Address 617 Waughtown Street, Building 300, Winston-Salem, NC 27107
 Location (same as address)
 Facility Owner (Corporation) see above
 Facility Operator (Corporation) see above
 Facility Contact Person Steve Peters
 Phone Number of Contact Person (919) 784-0390 Fax (919) 784-0106
 Date Facility Began Receiving Waste June 1992
 Date Facility Expected to Close N/A
 County(s) Served by this Facility See attached list, which includes tipping fees.
 Tipping Fee \$ (attached) /Ton (attached) (Please attach a schedule of tip fees if appropriate)

1. Total number of tires received at this facility during the period of July 1, 1992, thru June 30, 1993. Indicate tonnage or number of tires received from each county served by this facility. Attach additional pages as needed. Enter total out-of-state tires received by state of origin.

MONTH	County	County	County	TOTAL
July				
August				
September				
October				
November				
December				
January				
February				
March				
April				
May				
June				
TOTAL				

see attached

2. Please indicate types of processing activity occurring at this facility. (Check all that apply)

- Shredding of tires for tire derived fuel
- Shredding of tires for crumb rubber
- Shredding of tires for landfilling
- Sorting of tires for salvage for recapping or resale
- Stamping solid rubber tires
- Other (Please specify) Processing of buffing dust
- Other (Please specify) _____

3. Please indicate landfills where waste tires or shredded tires were sent for disposal and quantity of tires sent for disposal.

Landfill <u>Piedmont Sanitary Landfill</u>	Quantity (tons or number of tires) <u>89 tons</u>
Landfill <u>US Tire Recycling</u>	Quantity (tons or number of tires) <u>24 tons</u>
Landfill _____	Quantity (tons or number of tires) _____

4. Please indicate quantity of tires on site as of JUNE 30, 1993
Quantity (tons or number of tires) 12,500 tires

5. Please indicate quantity of tires process for tire derived fuel (tdf).
Quantity (tons or number of tires) 1716 tons

6. Please indicate quantity of tires processed for re-use or recycling other than tdf.
Quantity (tons or number of tires) ~~5765~~ 5765 tons

7. Please indicate quantity of tires (whole or processed) which were disposed.
Quantity (tons or number of tires) 113 tons

Other Comments

We should appreciate your comments about this report or other matters regarding solid waste management in North Carolina. Thank you for your time.

updated on 1/4/94 telephone call see p. 19 telephone log# 94-1

- ① ~~tdf~~ crumb rubber
- ② tdf
- ③ ~~crumb rubber~~ various applie
- ④ buffing
20-40
supposed 100
4000 tires

This rep

alist for your area.

Person completing this form: David Forrester

Phone (919) 784-0390

REVIEWED 8-19-93 BFL

Total tons of tires received by TIRES, Inc. 7/1/92-6/30/93

<i>(Tons per month)</i>	Jul-92	Aug-92	Sep-92	Oct-92	Nov-92	Dec-92	Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	TOTAL
<i>Alexander</i>	0	0	0	0	0	0	12	12	21	18	34	23	121
<i>Ashe</i>	28	29	0	27	10	0	25	14	0	14	21	16	184
<i>Bladen</i>	26	0	0	0	0	0	0	0	0	0	0	0	26
<i>Catawba</i>	0	0	0	0	0	0	0	62	77	70	82	51	342
<i>Davidson</i>	0	88	89	66	75	62	67	59	48	121	95	85	856
<i>Durham</i>	146	159	163	144	115	98	55	93	124	134	146	153	1,531
<i>Edgecombe</i>	32	10	22	45	53	42	32	31	43	50	19	62	441
<i>Forsyth</i>	86	93	73	73	83	85	157	135	265	172	164	205	1,591
<i>Henderson</i>	0	0	0	0	46	32	55	31	47	43	43	43	338
<i>Hertford</i>	10	21	24	21	22	11	11	10	11	33	11	10	193
<i>Lincoln</i>	0	51	13	38	0	24	25	7	21	58	40	45	323
<i>Mecklenburg</i>	0	0	0	0	0	0	1	1	1	2	2	15	22
<i>Mitchell</i>	0	0	0	20	11	12	13	20	0	12	20	29	138
<i>Nash</i>	0	0	35	66	68	44	62	37	41	52	48	91	545
<i>Person</i>	38	0	0	0	0	0	0	0	0	0	0	0	38
<i>Rowan</i>	22	89	27	40	9	9	0	0	0	0	0	0	197
<i>Stokes</i>	0	0	0	0	0	12	12	22	13	36	67	44	206
<i>Vance</i>	66	0	0	0	0	0	0	0	0	0	0	0	66
<i>Wake</i>	0	0	0	0	0	0	19	31	24	64	69	80	287
<i>Yadkin</i>	0	0	0	0	0	22	10	17	20	27	27	26	150
TOTAL	455	540	446	539	491	454	557	584	754	906	889	978	7,594

Tipping fees received by TIRES, Inc. 7/1/92-6/30/93

(Tipping)	Contract	Begin service	End of service	Tipping Fee	Includes transport	Includes loading
Alexander	No	Jan-93	N/A	50.00/ton	No	No
Ashe	No	Jul-92	N/A	50.00/ton	No	No
Bladen	No	Jun-92	Jul-92	80.00/ton	Yes	No
Catawba	Yes	Feb-93	N/A	62.00/ton	Yes	No
Davidson	Yes	Aug-92	N/A	58.00/ton	Yes	No
Durham	Yes	Jul-92	N/A	79.59/ton	Yes	Yes
Edgecombe	Yes	Jul-92	N/A	80.88/ton	Yes	No
Forsyth *	No	Jul-92	N/A	50.00/ton	No	No
Henderson	Yes	Nov-92	N/A	75.00/ton	Yes	No
Hertford	Yes	Jun-92	N/A	88.37/ton	Yes	No
Lincoln	Yes	Aug-92	N/A	78.50/ton	Yes	Yes
Mecklenburg **	Yes **	Jan-93	N/A	67.00/ton	Yes	No
Mitchell	Yes	Oct-92	N/A	75.22/ton	Yes	No
Nash	Yes	Sep-92	N/A	82.60/ton	Yes	No
Person	No	Jul-92	Jul-92	84.60/ton	Yes	Yes
Rowan *	No	Jun-92	N/A	50.00/ton	No	No
Stokes	Yes	Dec-92	N/A	69.52/ton	Yes	No
Vance	No	Jul-92	Jul-92	82.00/ton	Yes	Yes
Wake	Yes	Jan-93	N/A	60.00/ton	Yes	No
Yadkin	Yes	Dec-92	N/A	67.00/ton	Yes	No

* Tires received from Forsyth and Rowan Counties are from individuals and businesses, not from the Counties as whole entities.

** There is no contract with Mecklenburg County itself, but there are two contracts with two businesses located in Mecklenburg County.

Total tons of out-of-state tires received by TIRES, Inc. 7/1/92-6/30/93

<i>(Tons per month)</i>	Jul-92	Aug-92	Sep-92	Oct-92	Nov-92	Dec-92	Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	TOTAL
<i>Pickens, SC</i>	0.00	0.00	0.00	31.75	36.49	30.29	44.29	29.11	15.96	43.86	31.80	50.39	313.94
<i>Verona, VA</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.41	14.83	27.10	55.34
TOTAL	0.00	0.00	0.00	31.75	36.49	30.29	44.29	29.11	15.96	57.27	46.63	77.49	369.28

Total tons of tires received by TIRES, Inc. 7/1/92-6/30/93

(Tons per month)	Jul-92	Aug-92	Sep-92	Oct-92	Nov-92	Dec-92	Jan-93	Feb-93	Mar-93	Apr-93	May-93	Jun-93	TOTAL
Alexander	0.00	0.00	0.00	0.00	0.00	0.00	12.15	12.22	20.97	18.27	34.10	23.25	120.96
Ashe	27.80	29.16	0.00	26.57	10.35	0.00	25.27	14.35	0.00	14.00	21.32	15.67	184.49
Bladen	25.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.74
Catawba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.47	76.53	69.94	82.08	51.02	342.04
Davidson	0.00	87.52	88.62	66.25	74.74	62.05	67.49	59.47	48.16	120.76	95.47	85.08	855.61
Durham	146.01	158.71	163.44	143.62	115.09	97.62	55.29	92.74	124.37	134.26	146.42	153.35	1,530.92
Edgecombe	32.45	10.03	21.76	45.39	52.62	42.08	32.27	30.66	42.83	49.64	19.08	62.27	441.08
Forsyth	86.10	92.81	72.56	73.09	82.58	85.05	157.37	134.98	265.05	171.95	164.13	205.03	1,590.69
Henderson	0.00	0.00	0.00	0.00	45.61	32.45	55.07	30.52	46.57	42.73	42.71	42.82	338.48
Hertford	10.32	21.26	23.58	20.57	21.59	11.39	10.61	9.69	10.53	32.96	10.85	9.79	193.14
Lincoln	0.00	51.20	13.34	38.41	0.00	23.99	24.50	7.04	20.76	58.30	40.08	45.09	322.71
Mecklenburg	0.00	0.00	0.00	0.00	0.00	0.00	0.92	1.03	1.04	1.87	1.56	15.15	21.57
Mitchell	0.00	0.00	0.00	20.25	11.29	11.91	13.32	20.35	0.00	12.07	20.38	28.91	138.48
Nash	0.00	0.00	35.36	65.53	67.98	44.48	61.84	37.46	40.95	52.28	48.08	90.68	544.64
Person	38.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.42
Polk	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.92	0.00	10.92
Rockingham	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.56	50.21	71.77
Rowan	22.33	89.30	26.97	39.50	9.42	9.22	0.00	0.00	0.00	0.00	0.00	0.00	196.74
Stokes	0.00	0.00	0.00	0.00	0.00	11.67	12.16	22.18	13.05	35.59	67.10	43.91	205.66
Union	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.89	0.00	8.89
Vance	66.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.19
Wake	0.00	0.00	0.00	0.00	0.00	0.00	19.00	31.19	23.70	64.37	68.58	79.81	286.65
Yadkin	0.00	0.00	0.00	0.00	0.00	21.80	10.20	17.37	19.79	27.02	27.31	26.49	149.98
TOTAL	455.36	539.99	445.63	539.18	491.27	453.71	557.46	583.72	754.30	906.01	930.62	1,028.53	7,685.77

2. Please indicate types of processing activity occurring at this facility. (Check all that apply)

- Shredding of tires for tire derived fuel
- Shredding of tires for crumb rubber
- Shredding of tires for landfilling
- Sorting of tires for salvage for recapping or resale
- Stamping solid rubber tires
- Other (Please specify) Shredding of tires for road base.
- Other (Please specify) _____

3. Please indicate landfills where waste tires or shredded tires were sent for disposal and quantity of tires sent for disposal.

Landfill _____	Quantity (tons or number of tires) _____
Landfill _____	Quantity (tons or number of tires) _____
Landfill _____	Quantity (tons or number of tires) _____

4. Please indicate quantity of tires on site as of December 1, 1992.

Quantity (tons or number of tires) 20 tons

5. Please indicate quantity of tires process for tire derived fuel (tdf).

Quantity (tons or number of tires) 110.05 tons

6. Please indicate quantity of tires processed for re-use or recycling other than tdf.

Quantity (tons or number of tires) 790 tons

7. Please indicate quantity of tires (whole or processed) which were disposed.

Quantity (tons or number of tires) 900.05 tons

Other Comments

We should appreciate your comments about this report or other matters regarding solid waste management in North Carolina. Thank you for your time.

This report should be sent to the waste management specialist for your area.

Person completing this form: *Patricia Murrell*

Phone (704) 665-8517