APPROVED DOCUMENT
Division of Waste Management
Solid Waste Section
Date **February 19, 2010** By **LY Frost**

Fac/Perm/Co ID #	Date	Doc ID#
18-08T	2/18/10	9767

RECEIVED
FEB 16 2010
SOLID WASTE SECTION
ASHEVILLE REGIONAL OFFICE

February 09, 2010

Mr. Larry Frost, P.E.
Regional Engineer
2090 US Highway 70
Swannanoa, North Carolina 28778

RE: Request for Permit Renewal
City of Hickory Transfer Station
Permit No. 18-08T

Dear Mr. Frost,

Please find enclosed the updated operations plan and site plan for the above referenced facility.

Please do not hesitate to contact me with any comments.

Sincerely,

Lewis Berry
Solid Waste Supervisor
City of Hickory
828-323-7579

Cc:
CT Gerstell, NCDENR., Mooresville Regional Office

RECEIVED

FEB 16 2010

SOLID WASTE SECTION
ASHEVILLE REGIONAL OFFICE

Operation Plan

City of Hickory Solid Waste Transfer Station
Permit No. 18-08T
Revised 2/09/10

Note: Changes to original plan in bold

1. INTRODUCTION AND PURPOSE

The purpose of this plan is to provide details relative to the operation of the City of Hickory Solid Waste Transfer Station facility in accordance with Section .0400 of the North Carolina State Solid Waste Management Rules.

2. GENERAL INFORMATION

The transfer station is located in Hickory, North Carolina. The facility is owned and operated by the City of Hickory. The primary contact regarding operation is:

Lewis Berry
Solid Waste Supervisor
City of Hickory
PO Box 398
Hickory, North Carolina 28601
Phone 828-323-7579-office
828-302-3748-cell
Fax: 828-323-7403
e-mail lberry@ci.hickory.nc.us

Address of the facility is:

1050 1st Ave. SW
Hickory, NC 28601
Phone: 828-323-7426

Normal Hours of Operation:

Monday-Friday 7 a.m.-3 p.m.
Saturday 7 a.m.-12 noon.

3. SOURCE, TYPE AND QUANTITY OF WASTE

The facility will only receive and transfer municipally collected residential and commercial waste as defined within G.S. 130A-290(35). Only City of Hickory waste collection vehicles are permitted to dump in the transfer station. In addition, a recycling drop off area is located outdoors on the premises away from the tipping area to service residents of the City of Hickory (see site map). Recyclables collected include OCC, Mixed Paper, Aluminum and metal food and beverage containers and PET and HDPE plastic. No hazardous or liquid wastes will be accepted at the facility except for used motor oil and antifreeze, deposited and stored in approved containment receptacles. Any unacceptable waste will be removed and held for proper disposal. Animal carcasses are immediately loaded for removal.

In FY 08/09, the City of Hickory currently collected an average of **51** tons per day of commercial waste (**12,647 tons total**) and **52** tons per day of residential waste (**13,292 tons total**) based upon the normal days and hours of operation. All waste, excluding that deposited for recycling, currently goes to the Blackburn Sanitary Landfill, located on Rocky Ford Rd., which is owned and operated by Catawba County.

4. OPERATION

General

The transfer station will operate during normal business hours as listed above. A trained operator will be on site at all times. The station may be closed on major holidays such as Christmas day, or during severe weather events. Operating hours could change in the event of unforeseen or unusual circumstances that have resulted in the delayed collection of waste.

Inbound waste-laden vehicles will be weighed on certified in-ground truck scales. Following recording of vehicle weight by trained personnel, vehicles are directed into the transfer building. Waste will be deposited directly into the compactor hopper(s). A viewing window will allow the facility attendant to screen waste being discharged. Any unauthorized waste can be removed from the hopper. It is conceivable that emergency conditions such as power failure could warrant waste temporarily being dumped on the concrete tipping floor and pushed into the hopper(s) utilizing a wheel loader. Normal waste is compacted into closed-top 75-yard ejection trailers located on a pad at a lower elevation than the building's tipping floor. The operator will keep a daily log of all dumping and transfer activity. Weight records will be available at either the transfer station or at the Public Services Complex. All loaded trailers are weighed on the certified scales before leaving the facility. All waste is taken to the Blackburn Landfill daily. A second waste screen takes place at the Blackburn Landfill by Catawba County personnel.

5. EQUIPMENT

The equipment to be utilized is owned, operated and maintained in good condition by the City of Hickory. The following equipment may be used at the transfer station:

Backhoe-to alleviate any bridging of trash in the compactor hopper
Wheel Loader-in the event of dumping trash directly onto tipping floor
(3) Closed-top transfer ejection trailers
(3) Road Tractors

6. PERSONNEL

The facility will be routinely manned by a Transfer Station Operator and (2) Heavy Equipment Operators. **There are 4 employees in the Division of Solid Waste with SWANA Transfer Station Certification. A certified Transfer Station Operator is present at all times the facility is open overseeing the loading and unloading of waste.** Qualified personnel will train all employees in workplace safety issues. First aid supplies will be provided in the facility and all employees will be required to immediately report all work-related injuries. All personnel will be provided protective equipment as needed including gloves, dust masks, earplugs, clothing, etc.

7. HAZARD AND NUISANCE CONTROL

Prohibited or undesirable waste: This facility is not intended to accept quantities of regulated hazardous or medical waste, radioactive materials, septage or sewage waste, liquid waste, lead-acid batteries, or any other waste that are banned from landfilling by statute or rule. Signage will inform facility users of prohibited wastes. Every effort will be made to preclude acceptance of these wastes through education and inspection, but in the case of inadvertent receipt of these wastes, personnel will be available to isolate the material, take appropriate measures and notify the regulating authorities immediately. There will be a supply of oil absorbent, booms and pads for containment of any hazardous waste. Personnel qualified in conducting random inspections of waste loads and in emergency management will train employees at the facility. Initial response will be from the City of Hickory Fire Department Haz-Mat team by calling 911. If needed, the City will also utilize Stat, Inc. of Hudson, NC for emergency remediation and response.

Fire: The transfer building and associated equipment will be equipped with a total of 8 fire extinguishers located throughout the complex. Routine inspection of the fire extinguishers takes place on a regular basis by qualified personnel. Qualified personnel will train employees in effective fire fighting procedures and in fire prevention and on-site walk-throughs with the fire department will be conducted annually. No flammable liquids will be stored in the building. A water supply and hoses will be provided in the building for fire fighting purposes, and in the case of a fire, the Fire Department will be called via 911. The local station is within 3 blocks of the facility.

Litter: Chain link catch/security fencing and regular staff oversight will ensure a minimization of litter. 90-gallon roll out containers will be located at the trailer switching area and litter resulting from this activity will be immediately picked up.

Odors and Vectors: Measures to be used to control odors and disease vectors include prompt removal of waste and wash down of the tipping floor at least twice daily. Since, under normal operating conditions, waste will be discharged directly into the hopper, the only waste on the tipping floor is residual emanating from collection vehicles as they pull away from the hopper. A deodorizer is utilized as needed in the trailer switch out area, particularly during summer months. The City has a contract with A-1 Pest Control, which conducts vector control measures on a monthly basis at the facility.

Dust: The access road as well as the entire facility is paved. Dust control sprinklers are located directly over the hoppers to minimize dust migration from within the transfer station itself.

Noise: The building is located in an industrial area near active railroad tracks. Large trees offer substantial noise buffers. As only an average of 30 vehicles enter and leave the facility per day, no measurable increase in noise levels is expected.

8. WASTEWATER MANAGEMENT

Wastewater emanating from both the tipping floor area and the trailer loading/swap out area travel into an oil/water separator prior to direct discharge into the City of Hickory's sanitary sewer system. The settling pit and oil/water separator are cleaned on a regular basis by the City's Vac-All truck.

Trailer seals designed to prevent liquids from escaping from inside the trailer, shall be inspected for wear and replaced as needed.

Tractors trailers, whether empty or full, are prohibited from parking in any area of the asphalt whose grade would allow escaping liquids to move towards the sediment pond located south of the compactors. **The City has capped a storm drain located in front of the compactors and regarded the entire lot to ensure any leachate emanating from any source is directed to the sanitary system.**

9. SIGNAGE

Signs shall be posted providing information on hours of operation for public use. Traffic signs or markers shall be provided to promote an orderly traffic pattern. Other signage indicating permit number and any other pertinent information will be posted at the site entrance.

10. SECURITY

The entire facility is surrounded by chain link fencing with 3 strands of barbed wire mounted on top of the fencing. There are 2 access gates to the facility on either side of the in ground scales. Both of these access gates are closed and locked daily during non operating hours. The site is patrolled by the City of Hickory Police Department and fire protection is provided by the City of Hickory Fire Department.

Hickory
Where Business and Pleasure Grow Together

February 01, 2010

North Carolina State Department of Environment and Natural Resources
2090 US Highway 70
Swannanoa, NC 28778
Attn: Larry Frost, Regional Engineer

RE: Site Plan City of Hickory Transfer Station

Dear Mr. Frost,

Enclosed is a a copy of the Deed to the property, tax identifying the property and aerial photo indentifying traffic flow and significant features on and around the property

Please contact me with any need for additional information. Thank you.

Sincerely,

Lewis Berry
Solid Waste Supervisor
City of Hickory

GREATER HICKORY METRO

NORTH CAROLINA
CATAWBA COUNTY

COMMISSIONER'S DEED

This Deed made this 7th day of October 1941 by Chas. W. Bagby, Commissioner, under a judgment of the Superior Court of said County in the action therein pending entitled "City of Hickory Vs. Mrs. Josephine Abernethy, Mrs. L. S. Weeks, et als." which judgment appears of record in Minute Docket 2, Page 47, in the office of the Clerk of said Court, to the City of Hickory, a municipal corporation, Witnesseth,

That whereas the said Chas. W. Bagby, Commissioner, being thereto licensed by a judgment in said action, after having mailed written notice to Mrs. Josephine Abernethy and Mrs. L. S. Weeks that he had been instructed to advertise and sell the lands hereinafter described, and telling them to pay the judgment or present any objections to a sale promptly, and after having received no answer of any kind to said notices, did, on Monday, September 15, 1941, after due advertisement, expose the land hereinafter described to public sale in front of the Municipal Building in the City of Hickory, North Carolina, and then and there there the City of Hickory Became the last and highest bidder for said land at the sum of Two Thousand, Five Hundred Dollars and complied with the terms of the sale; and whereas, upon report of said sale to said Court, the same was confirmed-no raised bids or exceptions having been filed within the twenty day period allowed-and the said Chas. W. Bagby, Commissioner, as aforesaid, was ordered by the judgment of said court to execute a deed to the purchaser upon payment of said purchase money; and whereas said purchase money has been paid in full,

Now, therefore, in consideration of the premises, and in execution of the power and authority aforesaid, the said Chas. W. Bagby, Commissioner as aforesaid, does bargain, sell and convey unto the said City of Hickory, its successors and assigns, the following lands:

> That certain property in the City of Hickory, Catawba County, N.C, that is described and bounded as follows:
>
> Beginning at a point which is the N. E. corner of the intersection of 9th Ave. with 22nd.St. and runs from said beginning point with the Nothern margin of 9th Avenue in an easterly direction 390 feet to a stake, Ted White's corner; thence a northern direction with Ted White's line 400 feet more or less to a point in the center of the Southern Railroad track; thence along the center of said track in a Westerly direction 390 feet, more or less to a point in the Eastern margin of 22nd Street; thence along the Eastern margin of 22nd Street in a Southerly direction to the point of beginning.

Rev. $2.75

To have and to hold said land, with it appurtenances, to it, the said City of Hickory, its successors and assigns forever, in as full and ample manner as said Chas. W. Bagby, Commissioner as aforesaid, is authorized and empowered to convey the same.

In Witness Whereof, the said Chas. W. Bagby, Commissioner has hereunto set his hand and seal, this the date first above written.

Chas. W. Bagby (SEAL)
Commissioner

NORTH CAROLINA
CATAWBA COUNTY

I, Belle Ross, a Notary Public of Catawba County, N.C., do hereby certify that personally appeared before me this day, Chas. W. Bagby, Commissioner, and acknowledged the due executinn of the foregoing deed for the purposes therein expressed.

Witness my hand and notarial seal this 8th day of October, 1941.

My comm. Expires: 1-27-43. L.S.

Belle Ross
Notary Public

NORTH CAROLINA
CATAWBA COUNTY

The foregoing certificate of Belle Ross, a Notary Public of Catawba County, N.C., is adjudged to be correct. Let the instrument with the certificate be registered.

Witness my hand this 11th day of October, 1941.

Loyd A. Mullinax, Jr., Deputy
Clerk Superior Court

Filed for registration at 8:15 A. M. on the 11th day of October, 1941, and registered at 10:10 A. M. on the 11th day of October, 1941, in Book 330, page 30.

Register of Deeds

NORTH CAROLINA,
CATAWBA COUNTY.

THIS DEED OF RELEASE, Made and entered into this the 17th day of September, 1941, by and between W. H. Little, Trustee, and the Mutual Building and Loan Association, a corporation, with its principal place of business in Hickory, Catawba County, North Carolina, parties of the first part, and C. S. Kiser and wife, Annie Lee Kiser, of the County and State aforesaid, parties of the second part,

W I T N E S S E T H

WHEREAS, C. S. Kiser and wife, Annie Lee Kiser, did, on the 9th day of November, 1939, execute and deliver to W. H. Little, Trustee for the Mutual Building and Loan Association, beneficiary, a certain deed of trust, which appears of record in the office of the Register of Deeds for Catawba County, North Carolina, in Book No. 290, at Page 380; and

WHEREAS, the parties of the first part, for and in consideration of the sum of TEN DOLLARS, have agreed to release from the terms of said deed of trust the lot hereinafter described:

NOW, THEREFORE, for and in consideration of the sum of TEN DOLLARS to the parties of the first part, paid by the party of the second part, the receipt of which is hereby duly acknowledged, said parties of the first part do hereby release, discharge, surrender and quitclaim all right, title, interest, claim and demand which said parties have by virtue of the above described deed of trust on the following described tract or lot of land:

> BEGINNING at a stake in the eastern margin of 13th Street in the City of Hickory, North Carolina, Albert Bolick's northwest corner, and runs thence with said Bolick's northern line, North 86° East, 130.8 feet to a stake in Phifer's line; thence with Phifer's western line, North 5° East, 48½ feet to a stake; thence South 87° West, 130.6 feet to a stake in the eastern margin of 13th Street; thence with the eastern margin of 13th Street South 5° West, 50 feet to the point of beginning,- and being Lot No. 2 of the C. S. Kiser property as surveyed and platted by E. M. Yoder, Surveyor, March 6, 1941.

TO HAVE AND TO HOLD said released premises unto the said parties of the second part, their heirs and assigns, free and clear of all liens and encumbrances arising out of and as a result of the above described deed of trust.

IN WITNESS WHEREOF, the said Trustee has set his hand and seal, and the said Mutual Building and Loan Association has caused these presents to be signed by its President and attested by its Secretary, and its corporate seal to be hereto attached, all by order of its Board of Directors, this the day and year first above written.

W. H. Little, Trustee (SEAL)

MUTUAL BUILDING AND LOAN ASSOCIATION

By- J. W. Shuford, President

ATTEST:
W. H. Little, Secretary

(Corporate Seal)

NORTH CAROLINA,
CATAWBA COUNTY.

I, J. T. Ennis, a Notary Public in and for said County and State, do hereby certify that W. H. Little, Trustee, personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and notarial seal, this 27th day of Sept., 1941.

My commission expires: 5-20-43 (L.S.) J. T. Ennis, Notary Public

NORTH CAROLINA,
CATAWBA COUNTY.

On this 27th day of Sept., 1941, personally came before me J. W. Shuford, President, with whom I am personally acquainted, who, being by me duly sworn, says: That he is President and W. H. Little is the Secretary of the Mutual Building and Loan Association, the corporation described in and which executed the foregoing Release Deed; that he knows the common seal of said corporation; that the seal affixed to the foregoing Release Deed is said common seal, and the name of the corporation was subscribed thereto by the said President and the said President and Secretary subscribed their names thereto and said common seal was affixed, all by order of the Board of Directors of said corporation, and that the said instrument is the act and deed of said corporation. Witness my hand and notarial seal, this 27th day of September, 1941.

My commission expires: 5-20-43 (L.S.) J. T. Ennis, Notary Public

NORTH CAROLINA,
CATAWBA COUNTY.

The foregoing Certificates of J. T. Ennis, a Notary Public of Catawba County, State of N. C., is adjudged to be correct. Let the instrument with the certificates be registered. Witness my hand this 7th day of October, 1941.

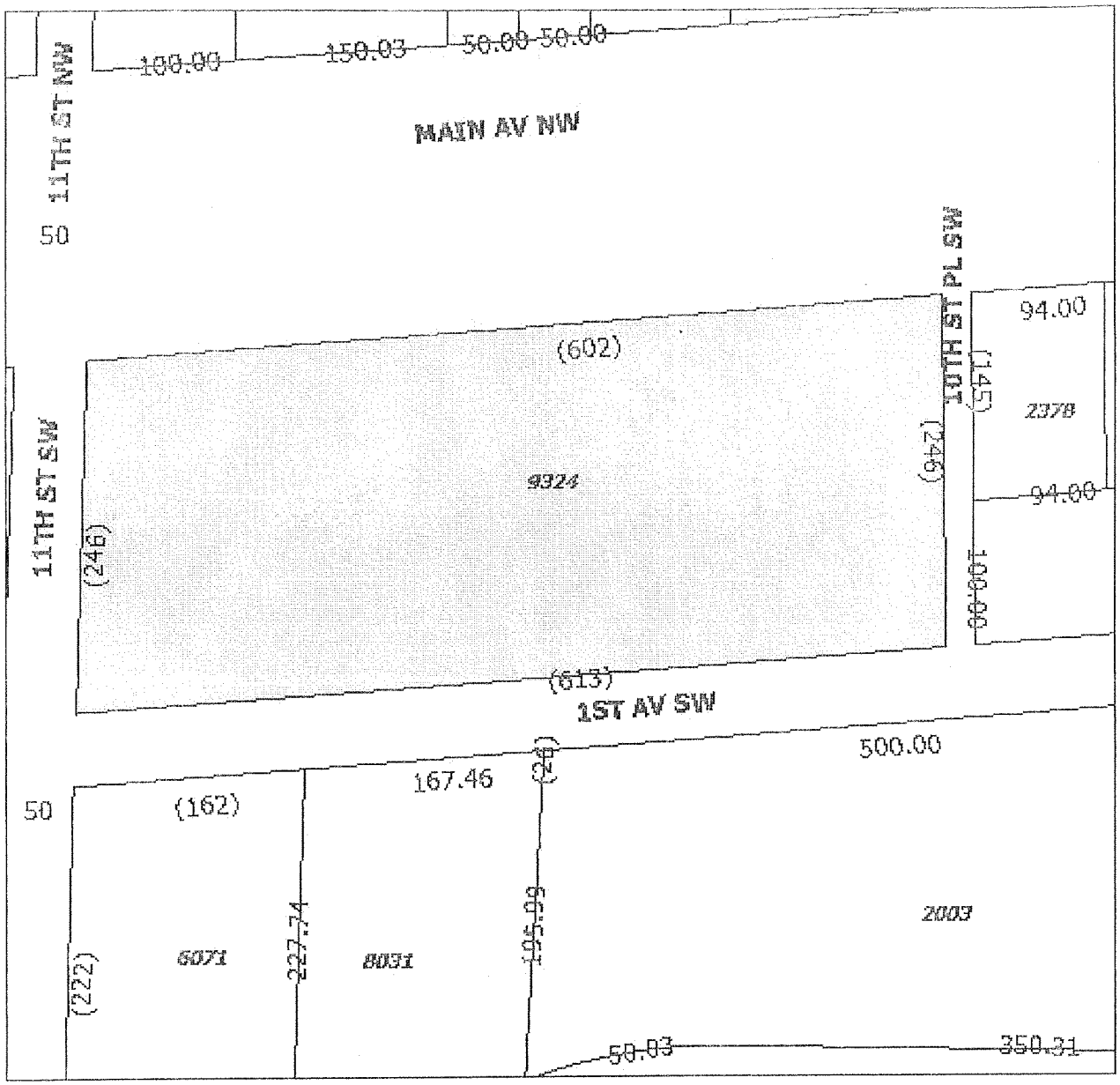
WADE H. LEFLER, Clerk Superior Court

Filed for registration at 1 o'clock P. M. on the 7th day of October, 1941, and registered on the 8th day of Oct., 1941, in the office of the Register of Deeds, of Catawba County, in Book 330, at page 31.

[signature]
Register of Deeds of Catawba County

GEOSPATIAL INFORMATION SERVICES
CATAWBA COUNTY, NC

Real Estate Search

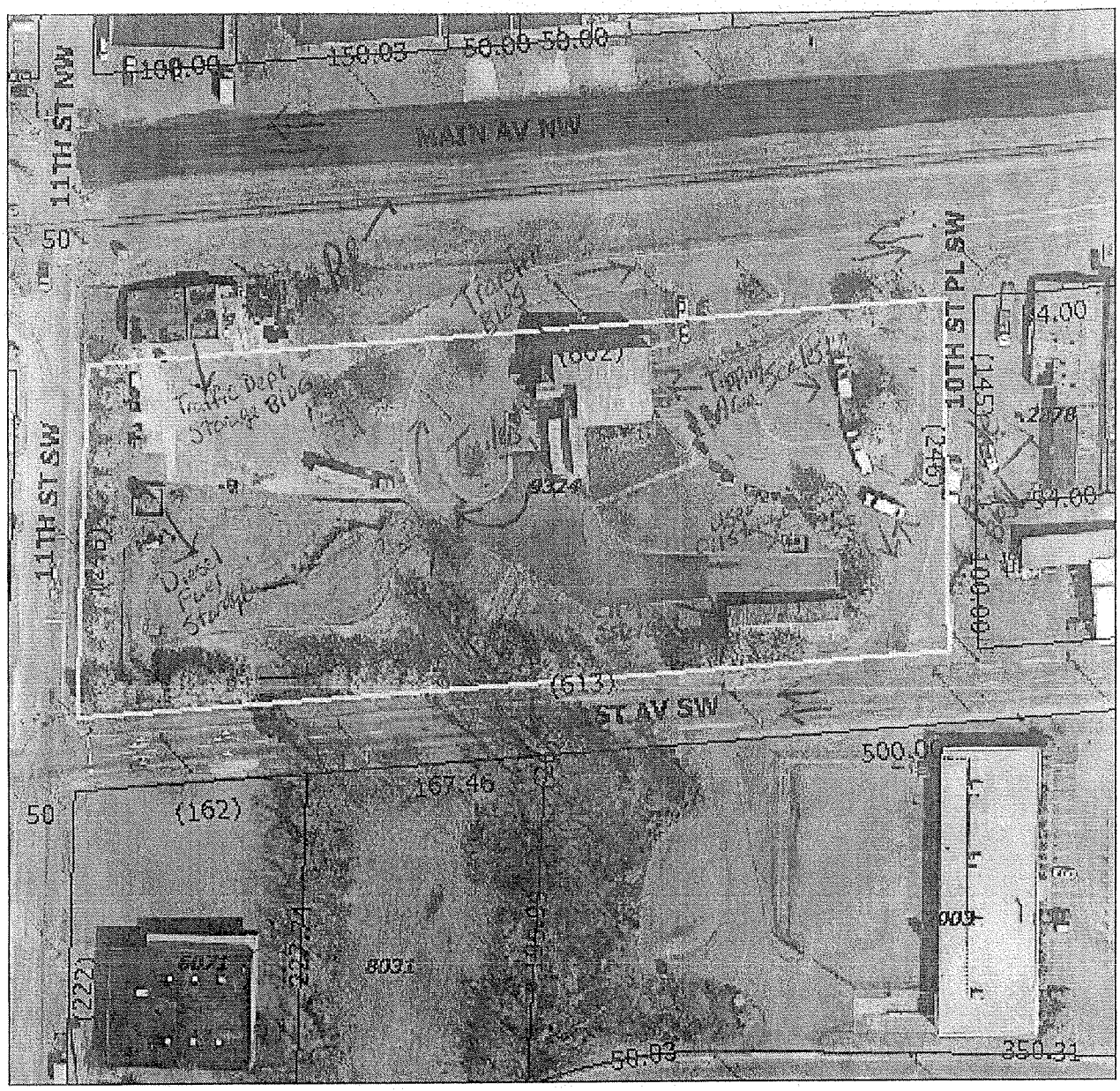


Parcel Summary	Printed Map Scale 1 inch = 113ft	
Parcel ID: 370205099324	Parcel Address: 1050 1ST AV SW, HICKORY	
Owner: HICKORY CITY OF	Address: PO BOX 398	City: HICKORY
Owner2:	Address2:	State/Zip: NC, 28603-0398
Building(s) Value: $184,200	Land Value: $253,300	Total Value: $437,500

DISCLAIMER: This map/report product was prepared from the Catawba County, NC Geospatial Information Services. Catawba County has made substantial efforts to ensure the accuracy of location and labeling information contained on this map or data on this report. Catawba County promotes and recommends the independent verification of any data contained on this map/report product by the user. The County of Catawba, its employees, agents, and personnel, disclaim, and shall not be held liable for any and all damages, loss or liability, whether direct, indirect or consequential which arises or may arise from this map/report product or the use thereof by any person or entity.

GEOSPATIAL INFORMATION SERVICES
CATAWBA COUNTY, NC

Real Estate Search



Parcel Summary	Printed Map Scale 1 inch = 113ft	
Parcel ID: 370205099324	Parcel Address: 1050 1ST AV SW, HICKORY	
Owner: HICKORY CITY OF	Address: PO BOX 398	City: HICKORY
Owner2:	Address2:	State/Zip: NC, 28603-0398
Building(s) Value: $184,200	Land Value: $253,300	Total Value: $437,500

DISCLAIMER: This map/report product was prepared from the Catawba County, NC Geospatial Information Services. Catawba County has made substantial efforts to ensure the accuracy of location and labeling information contained on this map or data on this report. Catawba County promotes and recommends the independent verification of any data contained on this map/report product by the user. The County of Catawba, its employees, agents, and personnel, disclaim, and shall not be held liable for any and all damages, loss or liability, whether direct, indirect or consequential which arises or may arise from this map/report product or the use thereof by any person or entity.

Hickory
Where Business and Pleasure Grow Together

RECEIVED

FEB 19 2010

SOLID WASTE SECTION
ASHEVILLE REGIONAL OFFICE

Permit No.	Date	Document ID No.
18-08	**February 22, 2010**	**9822**

Mr. Larry Frost, P.E.
Regional Engineer
2090 US Highway 70
Swannanoa, North Carolina 28778

RE: Financial assurance documentation.

Dear Mr. Frost

I have obtained a quote from a third party hauler in accordance with North Carolina General Statute N.C.G.S.130A-294(b2) which is required for all permits. The cost estimate for the minimum five days remove, cleanup, haul and dispose 515 tons of waste and recyclables is $27,000.00. Jamie Lockhart of Hilco Transport out Greensboro is the third party hauler that provided quote.

Sincerely,

Lewis Berry
Solid Waste Supervisor

GREATER
HICKORY
METRO