



July 16, 2008

Ms. Donna Wilson
Environmental Engineer II
North Carolina Dept. of Environment and Natural Resources
Division of Waste Management - Solid Waste Section
401 Oberlin Road, Suite 150
Raleigh, NC 27605

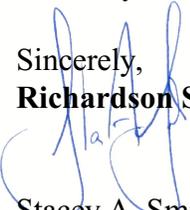
**Re: South Wake C&D Transfer Station
(NC Solid Waste Permit No. 92-29T)
Apex, North Carolina**

Dear Ms. Wilson:

On behalf of Shotwell Transfer Station II, Inc., Richardson Smith Gardner & Associates, Inc. (RSGA) is hereby transmitting the two (2) enclosed updated Operations Manuals {one (1) hard copy and one (1) electronic copy} for the above referenced project. This manual has been prepared in response to recent discussions with the Division and to satisfy requirements of a recent notice of violation.

Should you have any questions or require clarification, please contact me at (919) 828-0577 ext. 127 or by email at stacey@rsgengineers.com.

Sincerely,
Richardson Smith Gardner & Associates, Inc.


Stacey A. Smith, P.E.
Project Manager

Att.

Cc: Mr. David King, Shotwell Transfer Station II, Inc.
Mr. Leonard Esformes, PCM Construction Services, LLC
Mr. Bradley Bailey, NCDENR
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Operations Manual

**South Wake C&D
Transfer Station
Raleigh, North Carolina**

Prepared for:
Shotwell Transfer Station II, Inc.
Raleigh, North Carolina

July 2008

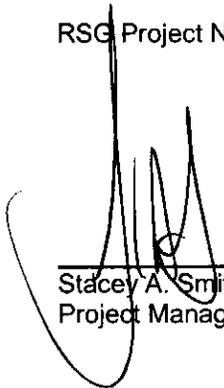


OPERATION MANUAL

**South Wake C&D
Transfer Station
Raleigh, NC**

Prepared for:
Shotwell Transfer Station II, Inc.
Raleigh, North Carolina

RSG Project No. SHOTXFER 08-1


Stacey A. Smith, P.E.
Project Manager



July 2008



SOUTH WAKE C&D TRANSFER STATION

OPERATIONS MANUAL

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SECTION 1.0 GENERAL FACILITY OPERATIONS

1.1 OVERVIEW

This Operations Manual was prepared for operations of the South Wake C&D Transfer Station facility (Permit No. 92-29T) located on SR 1011 in Apex, North Carolina as shown in **Figure 1**. This document discusses the operation of the transfer station and other solid waste management activities as follows:

- C&D Transfer Station; and
- Recycling Center.

Refer to **Figure 2** for the general layout of the facility.

The information contained herein was prepared to provide personnel with an understanding of how the Design Engineer envisioned that the completed facility would be operated. While deviations from the operations outlined here may be acceptable, they should be reviewed and approved by the Design Engineer. Please refer to the appropriate permit application for a detailed discussion and calculations for the individual components of operation and process unit.

All personnel involved with the management or supervision of the facility shall review the documents and update from time to time as needed. A copy of this **Operations Manual** will be kept at the facility and will be available for use at all times.

1.2 CONTACT INFORMATION

All correspondence and questions concerning the operation of the South Wake Transfer Station should be directed to the appropriate company and regulatory personnel listed below. For fire or police emergencies dial 911.

1.2.1 **Shotwell Transfer Station II, Inc.** (Operator)

3209 Gresham Lake Road, Suite 115
Raleigh, North Carolina, NC 27615
Phone: (919) 773-9899
Fax: (919) 773-9898

Contact: David King
daviddebris@bellsouth.net

1.2.2 PCM Construction Services, LLC (Operator)

103 Salem Town Court
Apex, NC 27502
Phone: (919) 362-1744

Contact: Leonard Esformes
Chief Financial Officer

1.2.3 William Jennings Booth Jr. (Owner)

1505 North Salem Street
Apex, NC 27502
Phone: (919) 362-6168
(919) 363-3306

1.2.4 North Carolina Department of Environment and Natural Resources

North Carolina DENR - Raleigh Central Office
401 Oberlin Road, Suite 150
Raleigh, NC 27605
Phone: (919) 508-8400
Fax: (919) 715-3605

Division of Waste Management (DWM) - Solid Waste Section:

Field Operations Branch Head:	Mark Poindexter
Central Regional Supervisor:	Jason Watkins
Waste Management Specialist:	Bradley Bailey

1.3 ACCESS CONTROL

Limiting access to the solid waste management facility is important for the following reasons:

- Unauthorized and illegal dumping of waste materials is prevented.
- Trespassing, and injury resulting therefrom, is discouraged.
- The risk of vandalism is greatly reduced.

Access to active areas of the transfer stations will be controlled by a combination of fences and natural barriers, and strictly enforced operating hours. An attendant will be on duty at all times when the facility is open for public use to enforce access restrictions.

1.3.1 Physical Restraints

The site will be accessed by an entrance on 1506 N. Salem Street (SR 1011) as shown on **Figure 2**. Scales and scale house are provided at the entrance. All waste will have been

weighed prior to being processed on the site. The entrance will have a gate which will be securely locked during non-operating hours.

1.3.2 Security

Frequent inspections of gates and fences will be performed by facility personnel. Evidence of trespassing, vandalism, or illegal operation will be reported to the Owner.

1.4 SIGNAGE

A prominent sign(s) containing the information required by the DWM will be placed at the main facility entrance. This sign(s) will provide information on operating hours, operating procedures, and acceptable wastes. Additional signage will be provided as necessary within the facility to distinctly distinguish the roadway to the transfer station and recycling area(s). Service and maintenance roads for use by operations personnel will be clearly marked and barriers (e.g., traffic cones, barrels, etc.) will be provided as required.

1.5 COMMUNICATIONS

The scale house/office have telephones in case of emergency and for the conduct of day-to-day business. Emergency telephone numbers are displayed in the scale house and office.

1.6 FACILITY OPERATING HOURS

Normal hours of operation will be 7:00 A.M. to 4:00 P.M. Monday to Friday. The facility will be closed on Saturdays and Sundays.

In the event of disaster or other emergency situations the supervisor will request approval from the division's regional office to allow additional temporary operating hours.

1.7 LITTER CONTROL

Litter fencing within the site provide barriers against scattering litter; the perimeter fence acts as barrier to keep litter contained within the site. The transfer station operators pick up litter within the site daily and respond to weather and heavy wind conditions that may spread litter.

The litter control crew picks up litter outside the site fences and on access roads each weekday. Any load that is not secured in a manner that would prevent material from leaving the vehicle while it is in motion is subject to an additional fee. Transfer trailers are covered by heavy tarp lids to minimize litter and potential for birds to enter the trailer and spread litter.

1.8 FIRE AND SAFETY

1.8.1 Fire Control

The possibility of fire within the transfer area or a piece of equipment must be anticipated in the daily operation of the facility. Fire suppression equipment shall be provided to control accidental fires and arrangements shall be made with the local fire protection agency. A combination of factory installed fire suppression systems and/or portable fire extinguishers will be operational on all heavy pieces of equipment at all times. For larger or more serious outbreaks, the local fire department will respond.

The Operator will verbally notify the DWM (see **Section 1.2**) within 24 hours of discovery of a fire within any transfer or recycling area. In addition, written documentation describing the fire, the actions carried out to extinguish the fire, and a strategy for preventing future occurrences will be provided to the DWM within 15 days following any such occurrence.

1.8.2 Safety

All aspects of the operation of the facility were developed with the health and safety of operations staff, customers, and neighbors in mind. Prior to commencement of operations, a member of the operating staff will be designated site safety officer. This individual, together with the facility's management will modify the site safety and emergency response program to remain consistent with National Solid Waste Management Association and Occupational Safety and Health Administration (OSHA) guidance.

Safety equipment provided includes equipment rollover protective cabs, seat belts, audible reverse warning devices, hard hats, safety shoes, and first aid kits. All personnel will be encouraged to complete the American Red Cross Basic First Aid Course. Other safety requirements as designated by the Owner will also be implemented.

1.9 SEVERE WEATHER CONDITIONS

Unusual weather conditions can directly affect the operation of the facility. Some of these weather conditions and recommended operational responses are as follows.

1.9.1 Ice Storms

An ice storm can make access to the facility dangerous, prevent movement and, thus, may require closure of the facility until the ice is removed or has melted.

1.9.2 Heavy Rains

Exposed soil surfaces can create a muddy situation in some portions of the facility during rainy periods. The control of drainage and use of crushed stone on unpaved roads should provide all-weather access for the site and promote drainage away from critical areas. In areas where the aggregate surface is washed away or otherwise damaged, new aggregate should be used for repair. The transfer area is uncovered which will require operations to cease during rainfall events.

1.9.3 Electrical Storms

The open recycling areas of the facility are susceptible to the hazards of an electrical storm. If necessary, recycling activities will be temporarily suspended during such an event. To guarantee the safety of all field personnel, refuge will be taken in rubber-tired vehicles.

1.9.4 Windy Conditions

Facility operations during a particularly windy period may require that the active tipping area be temporarily suspended to a more sheltered area.

1.9.5 Violent Storms

In the event of hurricane, tornado, or severe winter storm warning issued by the National Weather Service, facility operations will be temporarily suspended until the warning is lifted.

1.10 EQUIPMENT REQUIREMENTS

The Owner will maintain on-site equipment required to perform the necessary transfer and recycling activities. Periodic maintenance of all equipment, and minor and major repair work will be performed at designated maintenance zones.

1.11 PERSONNEL REQUIREMENTS

At least one member of the supervisory staff will be experienced in the management of transfer station operations. Each facility employee will go through an annual training course (led by supervisory staff). As part of this training, personnel learn to recognize loads which may contain prohibited wastes.

1.12 HEALTH AND SAFETY

All aspects of the transfer and recycling center operations were developed with the health and safety of the operating staff, customers, and neighbors in mind. Prior to commencement of operations of the facility, a member of the operating staff will be designated site safety officer. This individual, together with the facility's management will modify the site safety and

emergency response program to remain consistent with National Solid Waste Management Association and Occupational Safety and Health Administration (OSHA) guidance.

Safety equipment provided includes equipment rollover protective cabs, seat belts, audible reverse warning devices, hard hats, safety shoes, and first aid kits. Facility personnel will be encouraged to complete the American Red Cross Basic First Aid Course. Other safety requirements as designated by the Owner will also be implemented.

Each facility employee will go through annual training course in health and safety (led by supervisory staff). All training shall be documented and attested to by signatures of the trainer and trainee. The following are some general recommendations for the health and safety of workers at the South Wake C&D Transfer and Recycling Center.

1.12.1 Personal Hygiene

The following items are recommended as a minimum of practice:

- Wash hands before eating, drinking, or smoking.
- Wear personal protective equipment as described in **Section 1.12.2**.
- Wash, disinfect, and bandage ANY cut, no matter how small it is. Any break in the skin can become a source of infection.
- Keep fingernails closely trimmed and clean (dirty nails can harbor pathogens).

1.12.2 Personal Protective Equipment

Personal Protective Equipment (PPE) must be evaluated as to the level of protection necessary for particular operating conditions and then made available to facility employees. The list below includes the PPE typically used and/or required in a solid waste management facility workplace.

- Safety shoes with steel toes.
- Noise reduction protection should be used in areas where extended exposure to continuous high decibel levels are expected.
- Disposable rubber latex or chemical resistant gloves for handling and/or sampling of waste materials.
- Dust filter masks

Following use, PPE's should be disposed of or adequately cleaned, dried, or readied for reuse.

1.12.3 Mechanical Equipment Hazard Prevention

The loaders and other equipment should be operated with care and caution. All safety equipment such as horns, backup alarms, and lights should be functional. A Lockout-Tagout program shall be used to identify equipment in need or under repair and insure that operation is "off-limits" prior to maintenance or repair. All operators shall be

trained in the proper operation of equipment.

1.12.4 Employee Health and Safety

Some general safety rules are:

- Consider safety first when planning and conducting activities.
- Review the equipment O&M Manual prior to attempting repairs/changes.
- Remember the buddy system in case of repair of mechanical equipment
- Post emergency contact phone numbers.
- Provide easy and visible access to the Right to Know materials.
- Provide easy and visible access to the first aid kit and fire extinguishers.

1.12.5 Physical Exposure

Facility personnel may come in contact with the fluids, solids, and airborne constituents found at the transfer and recycling center. Routine training should be conducted regarding the individual and collective materials used in the recycling process and their associated hazards. Training concerning safe work practices around these potential exposures should use equipment and proper disposal procedures.

1.12.6 Material Safety Data Sheets

Material Safety Data Sheets (MSDS) shall be collected on every waste (if available) that enters the facility. Information shall also be made available for all chemicals stored on site for use by the County. MSDS sheets shall be stored in a location with all other Right to Know information for the site.

1.13 UTILITIES

Electrical power, water, and telephone will be provided at the scale house/office. Restrooms will be provided at the site.

1.14 RECORD KEEPING PROGRAM

The Owner will maintain the following records in an operating record at the landfill:

- A. Waste inspection records (see **Section 2.4**);
- B. Daily tonnage records - including source of generation, scale certifications;
- C. Waste determination records;
- D. List of generators and haulers that have attempted to dispose of restricted wastes;
- E. Employee training procedures and records of training completed;
- F. Annual facility reports;
- G. Cost estimates or financial assurance documentation.

The operating record will be kept up to date by the Owner or his designee. It will be presented

upon request to the DWM for inspection. A copy of this **Operations Manual** will be kept at the facility and will be available for use at all times.

SECTION 2.0 WASTE HANDLING OPERATIONS

2.1 OVERVIEW

This section describes the required waste handling operations for the South Wake Transfer Station facility. In addition to the C&D waste received at this facility, the facility also processes new construction wastes such as lumber, ferrous and non-ferrous metals, etc. These materials are stored at the facility until there are sufficient quantities for pick up by various recycling contractors.

2.2 ACCEPTABLE WASTES

2.2.1 C&D Transfer Station

Only the following wastes may be received at the C&D transfer station:

- Construction and Demolition Debris Waste: (Waste or debris from construction, remodeling, repair, or demolition operations on pavement or other structures)
- Inert Debris Waste: (Concrete, brick, concrete block, uncontaminated soils and rock, untreated and unpainted wood, etc.)
- Asphalt: in accordance with G.S. 130A-294 (m)
- Other Wastes as Approved by the Solid Waste Section of the Division of Waste Management.

2.2.2 Recycling Area

Only the following wastes may be received at the facility recycling area or as source separated in the transfer area(s):

- Non-treated, non-painted clean wood (lumber);
- Pallets (damaged and un-damaged);
- Cardboard;
- Brick and block (undamaged and un-painted); and
- Metal (ferrous and non-ferrous).

2.3 PROHIBITED WASTES

Only wastes, as defined in **Section 2.2** above may be accepted in the C&D transfer station. No other wastes may be accepted.

2.4 WASTE SCREENING PROGRAMS

In order to assure that prohibited wastes are not entering the facility, screening programs have been implemented. Waste received at both the scale house entrance and waste taken to the tipping areas or recycling areas are by trained personnel. These individuals have been trained to

spot indications of suspicious wastes, including: hazardous placarding or markings, liquids, powders or dusts, sludges, bright or unusual colors, drums or commercial size containers, and "chemical" odors. Screening programs for visual and olfactory characteristics of prohibited wastes are an ongoing part of the facility operation.

2.4.1 Waste Receiving and Inspection

All vehicles must stop at the scale house located at the entrance of the facility and visitors are required to sign-in. All waste transportation vehicles are weighed and the content of the load assessed. The scale attendant(s) requests from the driver of the vehicle a description of the waste it is carrying to ensure that unacceptable waste is not allowed into the facility. The attendant(s) then visually checks the vehicle as it crosses the scale. Signs informing users of the acceptable and unacceptable types of waste are posted at the scale house. Once passing the scales, the vehicles are routed to the transfer or recycling area as appropriate.

Vehicles are randomly selected for screening on a regular basis, depending on personnel available. At least one (1) vehicle per week will be randomly selected by inspection personnel. A random truck number and time will be selected (e.g., the tenth load after 10:00 a.m.) on the day of inspections. However, if something that looks suspicious is spotted in any waste load, that load is inspected further.

Vehicles selected for inspection are directed to the transfer area where the vehicle will be unloaded. Waste is carefully spread using suitable equipment. An attendant trained to identify wastes that are unacceptable inspects the waste discharged at the screening area. If unacceptable waste is found, the load will be isolated, reloaded, and the generator/hauler will be logged and escorted out of the facility. For unacceptable wastes that are non-hazardous, the Operator will then notify officials of the DWM (see **Section 1.2**) within 24 hours of attempted disposal of any waste the facility is not permitted to receive in order to determine the proper course of action. The hauler is responsible for removing unacceptable waste from the facility property.

If no unacceptable waste is found, the load will be loaded into the transfer trailer and/or equipment. All random waste inspections will be documented by operations staff using the waste screening form provided in **Appendix A**.

In addition to random waste screening described above, waste unloaded in the transfer area will be inspected by the equipment operators, trained to spot unacceptable wastes, before and during loading into the transfer trailer and/or equipment. Any suspicious looking waste is reported immediately to the designated primary inspector for further evaluation. From time to time, other minor wastes may be encountered (i.e. random bag of household waste, tires, etc.). If these are encountered, containers will be staged on-site such that random tires will be placed in the container or a bag of household waste will be placed in a separate container to be disposed at an appropriate licensed facility.

2.5 FACILITY OPERATIONS

2.5.1 Operating Capacity

The Operating Capacity for the transfer area is estimated to be approximately 250 tons per day average of C&D waste.

2.5.2 Service Area

The anticipated service area for the transfer facility (subject to change) is generally anticipated to be concentrated in Wake County and its surrounding counties. Waste will not be accepted from out of state or from Orange County.

2.5.3 Disposal Facility

The anticipated disposal facilities for the transfer station (subject to change) includes any facility in the State of North Carolina that holds a solid waste permit for the specific waste disposed. However, is generally anticipated for disposal at the following facilities:

1. Shotwell C&D Landfill (Permit No. 92-26)
2. WCA Material Recovery C&D Landfill (Permit No. 92-31)
3. Red Rock Disposal C&D Landfill (Permit No. 92-28)

In the event that new disposal facility agreements are negotiated other than the list (above). The facility will provide a notice to the Division of Waste Management within 30 calendar days.

2.5.4 Personnel Requirements

The anticipated personnel requirements for operation and maintenance of the site are listed in the following table.

Description	Primary Function (Allocation)
1) Site Manager	Overall management of the facility
2) Scale-house Attendant	Receiving and weight for incoming loads
3) Operators (2)	Management of tipping floor and recycling areas
4) Commercial Drivers (4)*	Transfer of C&D Waste
5) Labor (2)	General labor and operational staff around the site

* Commercial drivers subject to change in response to actual volume of waste received.

2.5.5 Equipment Requirements

The anticipated equipment requirements for operation and maintenance of the site are listed in the following table.

Description	Primary Function (Allocation)
1) Excavator	Loading
2) Front End Loader	Loading, recycling, and site cleanup
3) Transfer Trucks (4)*	Collection and transfer of C&D Waste

* Commercial drivers subject to change in response to actual volume of waste received.

2.6 TRANSFER OPERATIONS

2.6.1 Access

Traffic will be clearly directed to the transfer or recycling area. Traffic speed on the site should be less than 3 MPH. Rutting of gravel roadway surfaces must be repaired by placement of additional gravel on the roadway and not solely by grading. This will maintain the separator geotextile placed below most gravel roadway surfaces.

2.6.2 General Procedures

The transfer operations will be conducted in accordance with the approved **Operation Plan** and conditions of the Solid Waste Permit issued by the North Carolina Division of Solid Waste Management (DWM).

Facility operations are anticipated as follows:

1. Collection vehicles delivering waste to the facility will enter through the main entrance;
2. Pass by and over the scales and scale house for weight;
3. Continue along the access road until reaching the transfer area;
4. Adequate area is available in front of the transfer area for drivers to guide their vehicles into a backing maneuver. Station operating personnel will be in the transfer area to direct and guide the vehicles.
5. The vehicles will back in the transfer area designated by the attendant.
6. Once the vehicle is in position, the waste load will be discharged directly onto a concrete pad.

7. A spotter will inspect and hand sort the discharged waste before it is mixed with other waste in the transfer area and pushed by a rubber-tired loader to the excavator platform loading the open top transfer trailers, specifically designed for hauling C&D wastes.

2.7 RECYCLING AREA OPERATIONS

The facility's recycling area is used to store, separate, and contain commingled recyclable materials from the transfer area and/or pre-sorted materials such as new construction materials. The facility is equipped with equipment to facilitate hand sorting of materials, and bins for storage as defined in **Section 2.5.5**.

2.7.1 Recycling/Source Separation

As a means of capturing recyclable materials and/or waste screening, source separation will be conducted in the transfer area as follows:

1. The track hoe, loader, or laborers will separate materials to be recycled and/or processed from the loads before the waste is pushed by a rubber-tired loader to the excavator platform loading the open top transfer trailers. It is anticipated that most of the recyclables and materials to be separated will arrive at the transfer area as new construction waste.
2. Materials to be recycled and/or processed may stay on the floor (not in containers) for no more than 48 hours or two (2) working days.
3. Treated wood (any wood other than virgin wood) waste is not accepted for recycling station.
4. Materials, as defined in **Section 2.2.2**, will also be pulled from the C&D waste and loaded into appropriately labeled containers immediately to the recycling area.
5. Cardboard will be loaded into a container located off to one side of the transfer area.
6. Concrete (cement and asphaltic/bituminous) may be delivered and stockpiled at the limits of the recycling area. The concrete waste will be crushed and subsequently stockpiled in this same area until it is removed from the site for sale as fill, aggregate, etc., as markets allow.

2.7.2 Containers

Containers (generally 8'x20' or 8'x15') used for holding cardboard, metal, and other recyclables, along with unacceptable MSW or tires encountered, will be stored in the recycling area. The containers will be removed from the site as they are filled.

2.7.3 Other Storage Areas

All other recyclable waste products will be stored around the recycling area. These products will be maintained in discrete piles or containers as follows:

- Wood pallets will be delivered and containerized or covered;
- Concrete/asphalt/brick materials; and
- Clean wood debris and other re-useable new construction materials.

2.7.4 Markets

The final destination of the recyclable materials separated from the waste may vary depending on market prices for such materials. In general materials which have valid markets will be recycled. However, markets shall fluctuate. In any case, no more than one load (respective to the material) shall be stored at any one time and in no case more than one year.

Anticipated end markets for the recyclable materials are as follows:

- Metals: TT&E, Wise Recycling, Raleigh Metals, etc.
- Pallets: Shotwell C&D Landfill for grinding to Craven County WTE or McGill Environmental for compost.
- Clean Wood: Shotwell C&D Landfill for grinding to Craven County WTE or McGill Environmental for compost.
- Cardboard: Paper Stock Dealers, Sonoco Products, etc.

SECTION 3.0 ENVIRONMENTAL MANAGEMENT

3.1 OVERVIEW

This section reviews the overall environmental management tasks required for the successful operation of the facility.

3.2 SURFACE WATER CONTROL

As used herein, the definition of “surface water” is water which results from precipitation or site run-on that has not contacted the waste.

Proper control of surface water at the transfer or recycling areas will accomplish the following goals:

- Prevent the run-on of surface water into waste handling area(s);
- Prevent the run-off of surface water that has come into contact with the waste (i.e. leachate);
- Limit the erosion caused by surface waters; and
- Limit sediments carried off-site by surface waters.

Separate erosion and sedimentation control plans are provided for the site to Wake County. These plans describe both short and long term engineered features and practices for preventing erosion and controlling sedimentation at this site.

3.2.1 Erosion Control

Erosion control measures have been taken within the drainage channels and at points of stormwater discharge. All site features should be inspected regularly for erosion damage and promptly repaired.

3.2.2 Sedimentation Control

Stormwater run-off from the site is conveyed to an on-site sediment basin and/or trap. The basin and/or trap should be inspected regularly for sediment build-up or erosion damage. The basin and/or trap should be cleaned out when sediment fills the lower half of the basin.

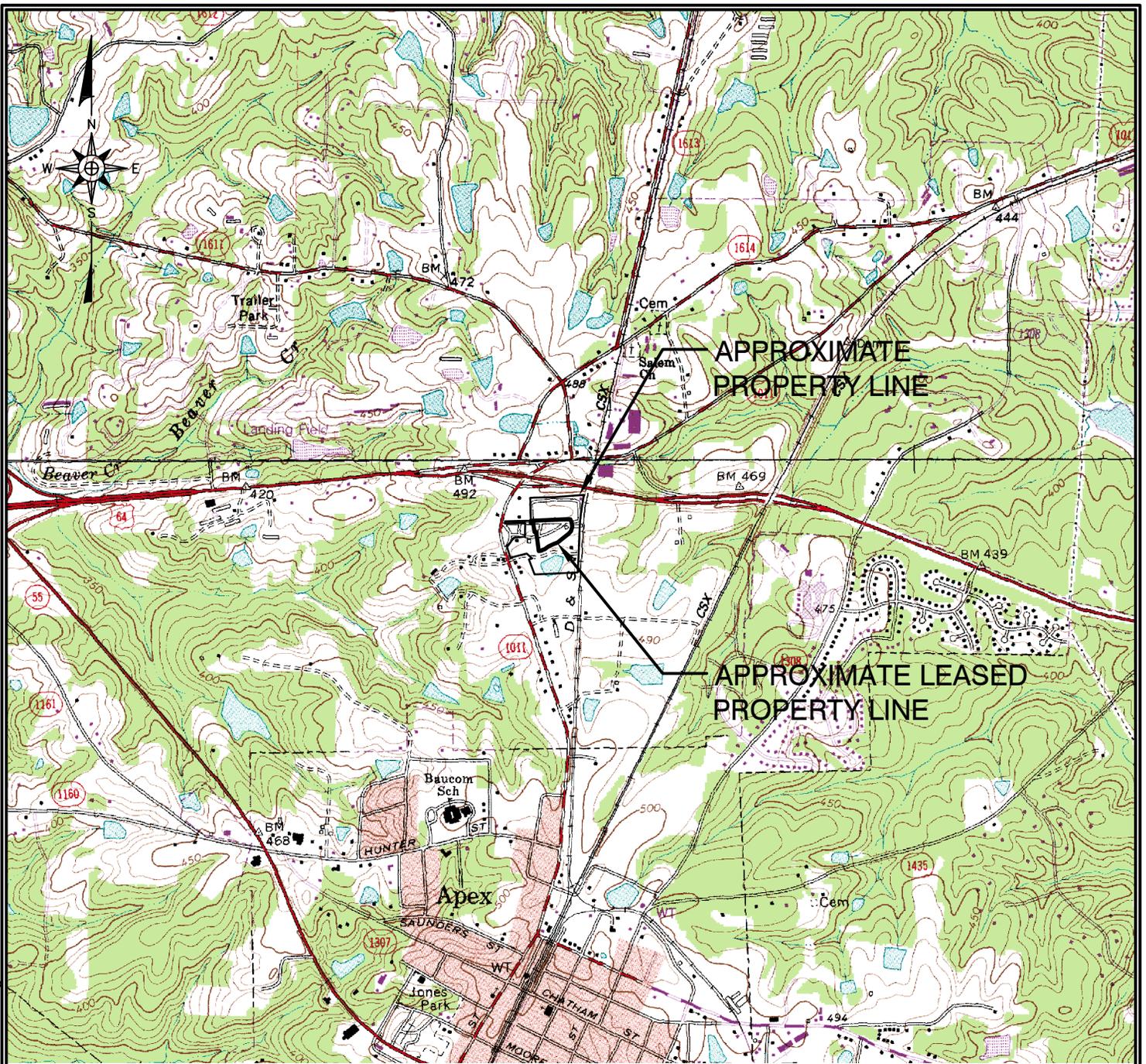
3.3 VECTOR CONTROL

Control of insects, rodents, and birds will be accomplished by periodic cleaning of the facility. Spilled or wind-blown debris along the access road will be cleaned up daily and placed in the transfer truck. The transfer areas will be cleaned, as necessary, each day to maintain a sanitary

operation. If vector control becomes a problem, additional measures will be taken to ensure the protection of human health.

3.4 DUST CONTROL

Dust related to waste hauler traffic on the access roads will be minimized by using a water truck or a sprinkler system to limit dust on the gravel portion of the road.



REFERENCES:

1. TOPOGRAPHY REFERENCES U.S.G.S. 7.5 MIN. QUADRANGLES "CARY, NC", AND "APEX, NC." EACH REVISED IN 1987 AND INSPECTED IN 1988.
2. LANDFILL PROPERTY LINE FROM WAKE COUNTY GIS DEPARTMENT.



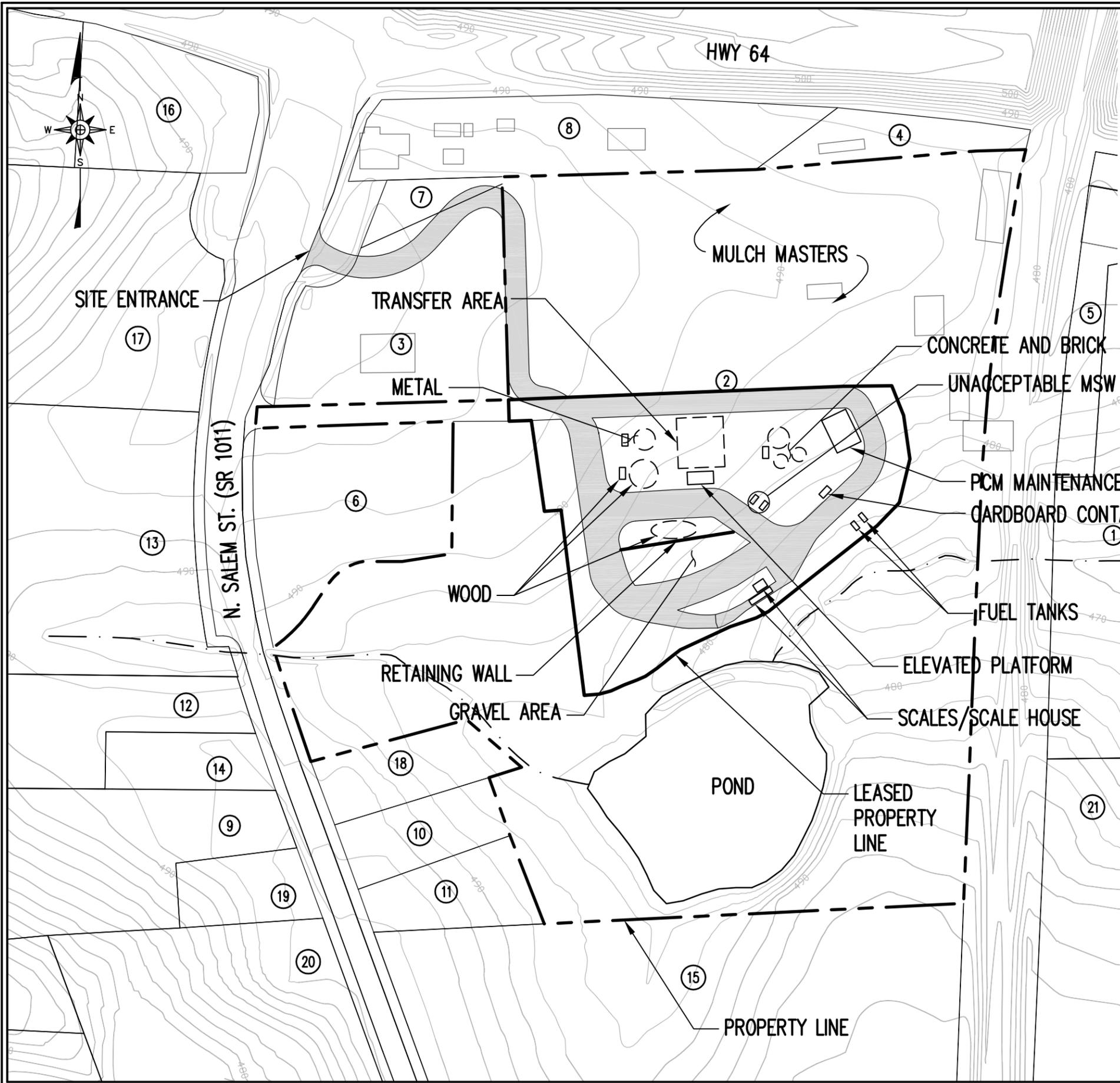
**SOUTH WAKE C&D
TRANSFER STATION
SITE VICINITY MAP**

**RICHARDSON SMITH GARDNER
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SCALE: AS SHOWN	DRAWN BY: J.A.L.	CHECKED BY:	DATE: Jul. 2008	PROJECT NO. SHOTXFER 08-1	FIGURE NO. 1	FILE NAME SHOT-A0002
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G:\CAD\Shotwell Transfer Station\Shotxfer 08-1\sheets\SHOT-A0002.dwg - 7/15/2008 2:33 PM

G:\CAD\Shotwell Transfer Station\Shotxfer 08-1\sheets\SHOT-B0001.dwg - 7/16/2008 3:51 PM



ID	OWNER	DEED BOOK	PAGE	ACRES	PIN
1	APEX FIRST DEVELOPMENT LLC	11198	1367	14.35	742564866
2	BOOTH PROPERTIES LLC	11285	1429	18.01	742476007
3	BOOTH, WILLIAM J JR	2821	552	1.61	742472366
4	BOOTH, WILLIAM JENNINGS JR & MARY L	10611	503	1.36	742571267
5	BOOTH, WILLIAM JENNINGS JR & MARY L	10611	503	1.36	742571267
6	COLHOUN, THOMAS F & LINDA B	5075	734	1.39	742471014
7	FRAZIER, MARK F	8973	2396	0.20	742472415
8	FRAZIER, MARK F & MARA S	6950	897	1.48	742474555
9	GOODWIN, WILLIAM S	12399	1196	2.54	742366583
10	HURLOCK, RICHARD E	10496	1218	0.46	742462517
11	KELLY'S NORTH CAROLINA LEASING LLC	11465	2735	0.50	742462489
12	KEY E, RONALD E & JODY P	2873	167	1.00	742367712
13	MAXWELL, TRACEY JANELLE-SHERK, VICKI LANE	12865	2633	13.58	742374063
14	NETTLES, FRIEDA MAE & CARL	93-E	2555	0.50	742368697
15	PRINCE OF PEACE EPISCOPAL CHURCH OF APEX	10588	609	5.00	742465381
16	SALEM RIDGE OF APEX LLC	12283	526	0.79	742378518
17	SMITH, LOUIS C SMITH, STANLEY C	11218	843	3.02	742376342
18	SMITH, VONNIE BRYAN & TONI ANNETTE	8635	683	0.51	742461696
19	THOMPSON, JUNE N	2764	579	0.50	742369479
20	THOMPSON, JUNE N	2335	365	2.80	742369278
21	APEX FIRST DEVELOPMENT LLC	10902	190	45.67	742556730

LEGEND

- EXISTING CONTOUR (SEE REFERENCE 1)
- PROPERTY LINE (SEE REFERENCE 2)
- LEASED PROPERTY LINE (APPROXIMATE)
- PROPERTY ADJOINERS
- CREEK/STREAM

REFERENCES

1. OVERALL SITE TOPOGRAPHY FROM WAKE COUNTY GIS DEPARTMENT, DATA GENERATED FROM LIDAR DATED 1999.
2. SITE PROPERTY LINE AND SURROUNDING PROPERTIES FROM WAKE COUNTY GIS DEPARTMENT.



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FIGURE NO.	2
SCALE:	AS SHOWN
CHECKED BY:	
DRAWN BY:	J.A.L.
FILE NAME	SHOT-B0001
PROJECT NO.	SHOTXFER 08-1
DATE:	Jul. 2008

**SOUTH WAKE C&D
TRANSFER STATION**

TITLE:

Appendix A

Waste Screening Form

South Wake Transfer Station
(919) 773-9899
WASTE SCREENING FORM

Day / Date: _____ Time Weighed in: _____
Truck Owner: _____ Driver Name: _____
Truck Type: _____ Vehicle ID / Tag No: _____
Weight _____ Tare: _____
Waste Generator / Source: _____

Reason Load Inspected: Random Inspection _____ Staff Initials _____
Detained at Scales _____ Staff Initials _____
Detained by Operating Staff _____ Staff Initials _____

Inspection Location: _____

Approved Waste Determination Form Present? Yes _____ No _____ N/A _____

Description of Load: _____

Load Accepted (signature) _____ Date _____
Load Not Accepted (signature) _____ Date _____

Reason Load Not Accepted (complete only if load not accepted)

Description of Suspicious Contents: Color _____ Haz. Waste Markings _____
Texture _____
Drums Present _____ Smell _____
Est. Cu. Yds. Present in Load _____
Est. Tons Present in Load _____

Granville County Emergency Management Contacted? Yes _____ No _____

Company or Authority Contacted? _____

Hazardous Materials Present: _____

Hauler Notified (if waste not accepted) Phone: _____ Time Contacted: _____
Other Observations: _____

Final Disposition
Signed _____ Date _____
Waste Screening Inspector or Environmental Officer

Attach related correspondence to this form.
File completed form in Operating Record.