



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: Forsyth PERMIT NO.: 34-20 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill	X	DEMO		SDTF		

Date of Audit: September 25, 2009**Date of Last Audit:** March 19, 2009**FACILITY NAME AND ADDRESS:**

OmniSource Southeast - Kernersville Plant
 1426 W. Mountain Street
 Kernersville, NC 27284

GPS COORDINATES: N: 36.1384 E: -80.1022**FACILITY CONTACT NAME AND PHONE NUMBER:**

Bill Perry, Regional Manager

w: 336-996-2350

c: 336-655-1211

f: 336-996-0493

bperry@atlanticscrap.com

FACILITY CONTACT ADDRESS:

PO Box 608
 Kernersville, NC 27285-0608

AUDIT PARTICIPANTS:

John Patrone, NCDENR – Solid Waste Section (SWS)
 Bill Perry, Regional Manager, (OmniSource Southeast)
 James Winegar, Environmental Manager (OmniSource Southeast)
 Bruce Miller, Electrical Supervisor (Metal Tek Development)
 Jeff Hendrix, Traffic Manager (OmniSource Southeast)

STATUS OF PERMIT:

Permit To Operate (PTO) issued September 2, 2005

PTO scheduled expiration date was September 2, 2008

Permit extension request letter, dated March 5, 2008, submitted to SWS prior to permit expiration date

PURPOSE OF AUDIT:

Comprehensive Audit

NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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STATUS OF PAST NOTED VIOLATIONS:

None

AREAS OF CONCERN AND COMMENTS:

On September 25, 2009, John Patrone met with Bill Perry, James Winegar, Bruce Miller, and Jeff Hendrix to conduct a comprehensive audit of the OmniSource Southeast – Kernersville Plant Auto Shredder Residue Reclamation Operation in Kernersville, Forsyth County.

1. Atlantic Scrap and Processing (ASAP) LLC has been acquired and is now owned by OmniSource Southeast. The name of the facility has not been finalized but will likely change to OmniSource Southeast – Kernersville Plant.
2. OmniSource Southeast - Kernersville is a scrap metal processing yard. A guillotine sheer and shredder are used to chop metal. Metal is then sorted and shipped-out. General public drop-off material is collected as a whole and is shipped-out by truck. Sheered and shredded metal is shipped-out by railcar. The facility's industrial landfill is located at the rear of its (cleared) lot, adjacent to operations.
3. OmniSource Southeast - Kernersville is permitted to operate an auto shredder residue (ASR) reclamation operation that screens-out ferrous and nonferrous metal from the facility's industrial landfill.
4. Mr. Perry stated that ~ 1/3 of the scrap metal has been reclaimed from the landfill and the remaining 2/3 is scheduled to be reclaimed over the next 2 to 4 years.
5. The facility's reclamation process is not currently in operation and has not operated in the past year and a half. The facility is constructing improved metal screening equipment and is scheduled to begin operation in October 2009.
6. The facility will excavate and refill the interior of the ASR landfill, leaving the banks intact (the banks will be pulled-in in order to reclaim material but maintained/reconstructed to limit runoff).
7. The ASR reclamation operation is part of the facility's closure process. Daily and intermediate cover is not required unless windblown material is evident.
8. The facility's site plan was reviewed and its operations plan discussed. The industrial landfill has ~ a 24 acre footprint and is ~ 75 feet deep.
9. The facility's permit authorizes the reclamation of ASR. Material that is removed and not deemed marketable may be returned to the landfill. The permit does not authorize the disposal of any other solid waste. Waste material from other OmniSource Southeast - Kernersville operations is shipped-out to Allied – Charlotte Motor Speedway Landfill (No. 13-04).
10. The facility will place its in-feed stockpile adjacent to the reclamation equipment, atop the landfill.
11. Mr. Perry was reminded that daily, monthly, and annual records must be maintained for the amount of material processed (removed from and returned to the landfill) and for the amount of material recovered.
12. The facility maintained records of the amount of material removed and recovered from, and returned to, the landfill. The amount of material removed less the amount of material recovered is equal to the amount of material returned to the landfill. In 2006 (operating ½ of the year) the facility processed 35,150,190 lbs and in 2007 it processed 807,377,940 lbs. The facility reclamation operation did not operate in 2008 and 2009 (to-date).
13. Reclaimed product will be stored until shipped off site. Material will be stored in export containers, covered bins, and in piles.
14. The facility plans to collect waste fines (from the ASR operation). The commingled fines will be used for the top layer of the landfill. A catch basin will control runoff from the stockpiled fines.
15. The facility was asked to update its operations plan and its site plan.
16. The ASR reclamation operation is owned by Second Pass LLC. It is constructed such that two reclamation processes can operate simultaneously. Mr. Perry stated that newly generated ASR (not from the landfill) will occasionally be processed through one "side" of the Second Pass operation. And that newly generated ASR will be kept separate from landfill ASR and will be shipped-off site for disposal.
17. The Kernersville Fire Department will respond to a fire and, if necessary, the facility has a fire hydrant on-site.
18. There was no indication of soil erosion. The facility has constructed numerous catch basins, including a series of catch basins adjacent to the new reclamation equipment (downgrade from the landfill).
19. Proper signage was posted at the entrance to the landfill (reclamation operation) area.

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20. The facility is secured by a gate.

Please contact me if you have any questions or concerns regarding this audit report.


John Patrone
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5095 Fax: 336-771-4631

Delivered on : <u>September 29, 2009</u> by	<input checked="" type="checkbox"/>	Email		US Mail		Certified No. <input type="checkbox"/>
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cc: Mark Poindexter, Field Operations Branch Supervisor
Jason Watkins, Central Regional Supervisor
Donald Herndon, Compliance Officer
Geof Little, Environmental Engineer
James Winegar, Environmental Manager, OmniSource Southeast