



**FACILITY COMPLIANCE INSPECTION 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		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill	<b>X</b>	DEMO		SDTF		

**Date of Site Inspection:** August 11, 2015

**Date of Last Inspection:** July 9, 2014

**FACILITY NAME AND ADDRESS:**

Atlantic Scrap and Processing, LLC – Auto Shredder Residue (ASR) Reclamation Operation  
 1426 West Mountain Street  
 Kernersville, North Carolina 27284

**GPS COORDINATES:** N: 36.14131 W: 80.10312

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: James Winegar, Environmental Manager  
 Telephone: (919) 989-3102 Ext. 275 (o) or (919) 796-3023 (m)  
 Email address: [jwinegar@omnisource.com](mailto:jwinegar@omnisource.com)

**FACILITY CONTACT ADDRESS:**

James Winegar, Environmental Manager  
 2233 Wal-Pat Road  
 Smithfield, North Carolina 27577

**PARTICIPANTS:**

James Winegar, Environmental Manager, OmniSource, SE, LLC  
 Chris Perry, Operations Manager, Second Pass, LLC  
 Charles Gerstell, NCDENR – Solid Waste Section  
 Sarah Rice, NCDENR – Solid Waste Section

**STATUS OF PERMIT:**

A Permit to Operate an Auto Shredder Residue (ASR) Reclamation Operation was issued to Atlantic Scrap and Processing, LLC on September 2, 2005. This permit expired on September 2, 2008. A permit extension request letter was submitted to the Solid Waste Section on March 5, 2008. A Permit to Operate Renewal Application was received by the Solid Waste Section on May 27, 2014 and is currently under review.

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

N/A

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### OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be 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 Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also 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.

### ADDITIONAL COMMENTS

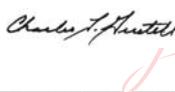
1. Atlantic Scrap and Processing, LLC was acquired by OmniSource Southeast and now operates the facility as OmniSource Southeast – Kenersville Plant.
2. The facility is permitted to operate an auto shredder residue (ASR) reclamation operation that segregates ferrous and non-ferrous, and different constituents of non-ferrous, metals from ASR. A closed industrial/ASR landfill is located at the OmniSource Southeast LLC - Kenersville Plant. A three-story ASR scrap metal sorting operation has been constructed and is owned by Second Pass LLC along with machinery used for material handling.
3. The Second Pass scrap metal sorting operation is composed of two independent metal sorting lines. Each sorting line can run mined ASR or newly derived ASR.
  - A secondary Second Pass scrap metal sorting operation is also used to process mined ASR. This system sorts 19 millimeter and smaller fines from the primary Second Pass operation.
4. Mined ASR is exclusively sorted by the Second Pass metal sorting operation. Waste resulting from the processing of mined ASR is placed back into the ASR landfill. Waste from newly derived ASR is collected and shipped-out to Allied Waste Charlotte Motor Speedway Landfill (permit No. 13-04). The permit does not authorize the disposal of newly processed ASR or any other newly derived solid waste back into the facility's industrial/ASR landfill.
5. The permit and operations plan were verified. Both documents were current and available upon request.
6. Excavation of ASR material was progressing from west to east at the time of inspection.
7. Processed waste residues were being stockpiled within the footprint of the landfill.
8. Benching of the excavation area was observed as detailed in the approved Operational Plan for the facility.
9. Since the previous inspection, a curtain boom has been installed within the sediment basin located at the toe of the slopes at the north side of the landfill. This boom was installed to prevent waste residues that deposit into the basin from bypassing the device.
  - It appeared that the curtain boom was preventing suspended residues from bypassing the device. However, it appeared that some ASR residuals were still deposited on the spillway of the sediment basin.
  - Please ensure that any residues deposited within the sediment basin or beyond the device are returned to the landfill.
10. During the inspection, water from within the landfill was observed entering one of the slope drains on the north side of the site leading to the sediment trap located at the toe of the slope. This condition was also observed during the previous inspection.
  - As noted on the previous inspection report, the operational plan for the facility states: *"In each area to be excavated, a barrier will always be left in place to isolate the active excavation from surface streams. Any precipitation falling in the pit will remain in the pit."*
  - **Water entering the slope drains or the retaining area beyond the footprint of the landfill does not appear to comply with the requirements detailed in the operational plan.**
  - **Please take steps to comply with the operational plan and prevent water from leaving the landfill area. Any changes to the operational plan must be referred to John Murray, Permitting Engineer.**

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11. During the inspection, multiple portions of the diversion berm located along the west side of the landfill had been partially filled in with mined residuals which could prevent proper function of the device. It was requested that proper repairs be made to remove excess material to ensure proper function of the device.
  - **During a telephone conversation on August 19, 2015, Chris Perry stated the berm had been repaired.**
12. Ponded water was observed within the lowest portion the active area of excavation during the inspection. Mr. Winegar asked if ponded water could be used as dust control within the footprint of the landfill only. This request has been referred to the Permitting Branch for comment.
13. During the inspection, grading was observed along the south side of the landfill leading to the drainage feature to the west. Mr. Perry explained that work was being performed to repair the haul road leading to the stockpile area for the secondary Second Pass scrap metal sorting operation.
  - A heavy amount of processed ASR residue was observed mixed with the soil which was being used to repair the haul road.
  - The approved operational plan for the facility requires that all processed residue be stockpiled within the footprint of the landfill. **Therefore, all processed residue within the haul road area must be removed and disposed within the footprint of the landfill. Any future repairs to haul roads must not include processed residues.**
  - **During a phone conversation on August 19, 2015, Mr. Perry stated that approximately 60% of the process residues had been removed from the area. He explained that heavy rains had hampered efforts to remove the remaining material which would be removed after the area was allowed to dry.**
14. Silt fence had been installed along the western perimeter of the stockpiled material to be processed by the secondary Second Pass sorting operation.
15. Reclaimed product/collected scrap metal was being stored on concrete pads or under roof.
16. The facility is secured by a gate at the entrance to the facility to prevent unauthorized access.

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

  
 Digitally signed by Charles T. Gerstell  
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 ou=Solid Waste Section,  
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Phone: (704) 235-2144

Charles T. Gerstell  
 Environmental Senior Specialist  
*Regional Representative*

Sent on: <u>8/20/15</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. [ ]
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Copies: Deb Aja, Western District Supervisor  
 Jessica Montie, Compliance Officer