



**The Industrial Waste Professionals™**

Advanced Waste Services provides unique and customized industrial waste services to a wide range of industrial, manufacturing and municipal clients. We specialize in creating industrial waste collection, transportation, treatment, disposal and cleaning solutions that convert environmental and productivity wastes into new and valuable resources.

**Environmental Safety and Health Audit Package**

**Locations:**

**AWS Central Office:**

1126 South 70<sup>th</sup> Street, Suite N408B  
West Allis, WI 61104

**Advanced Waste Services of Rockford, LLC**

304 18<sup>th</sup> Avenue  
Rockford, IL 53214

**Advanced Waste Services, Inc. - Wisconsin**

3801K West McKinley Avenue  
Milwaukee, WI 53208

**AWS of Iowa**

640 63rd Avenue SW  
Cedar Rapids, IA 52404

**Advanced Waste Services of Indiana:**

5625 Old Porter Road  
Portage, IN 46368

**Advanced Waste Services of PA:**

101 River Park Drive  
New Castle, PA 16101

## General Environmental Safety and Health

**Safety Organization:**

Bill Christel – VP of Environmental Safety and Health and Human Resources

Michael Altmayer – AWS Safety Manager

Bill Fowler – Laboratories Manager

Paul Meahl – Permits and Reports Manager

**Interstate Experience Modification Rate (EMR):**

2014	2013	2012	2011	2010
.74	.77	.80	0.99	1.10

**Injuries and Illnesses:**

	2014	2013	2012	2011
<b>Total Hours Worked</b> (Including Administration & Part-time)	392,080	411,840	413,000	445,000
<b>1. # of Lost Work Day Cases</b>	1	1	1	1
<b>2. # Lost Work Days</b>	54	7	3	8
<b>3. # of Restricted Work Cases</b>	2	5	3	6
<b>4. # of Restricted Work Days</b>	6	146	78	204
<b>5. Total # of OSHA Recordable Cases (sum of 1,3,5)</b>	4	8	6	7
<b>6. # of Fatalities</b>	0	0	0	0
<b>7. TRIR</b>	2.04	3.89	4.84	3.15

- Accidents are totaled monthly and annually and delivered to the entire company
- We send monthly accident and report summaries to our Field Superintendents, Regional and Corporate Offices, and owner.
- We investigate and report all Near Miss Accidents
- Project Safety Inspections are conducted 3-5 times per month by our Corporate Safety Supervisors and Project Managers.
- Total costs for the company are totaled monthly and annually.

## Advanced Waste Services Written Program and Policy Overview:

### Policy Statements:

- ✓ Company Statements/Strategic Goal publicity and implementation
- ✓ Stringent Substance Abuse
- ✓ Rule/Program Enforcement
- ✓ Professional Administration and Qualifications
- ✓ Professional Affiliations including ISN, PICS, JJ Keller, ASSE, NSC, PTC, Spill Center, MRA, etc.

### Safety and Health Policies and Procedures: (Available upon request):

- ✓ Personal Protection Equipment
- ✓ Fall Protection
- ✓ Blood Borne Pathogens
- ✓ Hot Work
- ✓ Lockout – Tagout
- ✓ Machine Guarding
- ✓ Powered Industrial Trucks
- ✓ Scaffolding and Work Platform
- ✓ Perimeter guarding/floor, wall and roof openings
- ✓ Housekeeping
- ✓ Fire Protection
- ✓ Injury Treatment Procedure
- ✓ First-aid Facilities

- ✓ Confined Space
- ✓ Respirator Protection
- ✓ Emergency Procedures, Rescue, Evacuation
- ✓ Hazard Recognition/MSDS
- ✓ Toxic Substances
- ✓ SPCC Plans (Site specific plans)
- ✓ Comprehensive Carrier and Facility SECURITY Plans.
- ✓ Incident Investigation

### Training:

Our employees have a minimum of 10 hours designated OSHA training

- ✓ All technicians receive 40 hours of HazWoper Initial Training
- ✓ Annual 8 hour HazWoper updates
- ✓ Annual 8 hour Confined Space Training
- ✓ Annual Lockout – Tagout Training
- ✓ Annual RCRA/DOT training
- ✓ CPR, First Aid, AED
- ✓ Blood Borne Pathogens
- ✓ Spill Response
- ✓ Annual Hazard Communication
- ✓ Annual Hands-On Fire Extinguisher
- ✓ Numerous Client Specific Adoptions

### Injury & Illness Prevention:

AWS diligently investigates all incidents involving injury and property damage until root causes and preventative measures have been identified. We accept that over 9 out of 10 incidents occur due to human error, and have identified human error as the root cause of nearly all of our incidents. To that end, we monitor hours of service, fatigue and the perceived need to rush through tasks very closely in order to reduce our exposure to human error.



## Transportation Audit Information

### Type of Carrier:

- ✓ Truck Load
- ✓ LTL
- ✓ Bulk/Tank

### Equipment:

- ✓ Tractors: 70
- ✓ Utility Power Units – 35 Estimate
- ✓ Trailers/Tanks: 62

### Company Safety Indicators:

- ✓ DOT reportable accident rate per million vehicle miles:
  - **2014:** 0.39
  - **2013:** 0.58
  - **2012:** 0.46
  - **2011:** 0.00
  - **2010:** 0.00
  - **2009:** 0.33
  - **2008:** 0.66
- ✓ AWS is comprehensively insured.

### Driver Qualifications:

- **Advanced Waste Services currently has >80 Commercially Licensed Drivers**
- **All new company drivers are evaluated on the follow criteria:**
  - ✓ A minimum age of 21 with 3 years of road experience
  - ✓ Required to pass a company road test and physical exam
  - ✓ Number of Moving Violations permitted: Discretionary
  - ✓ Good CSA 2013 Standing
  - ✓ Number of reportable accidents: Discretionary
  - ✓ A previous employment history is taken from the past three years conducted via telephone, letter, and fax

- ✓ A thorough and routine review of Motor Vehicle Record
- ✓ A minimum education level of High school or an equivalency is required
- ✓ Vacuum Pump Operation is preferred
- ✓ All requisitions and subsequent hiring decisions are authorized by the following personnel:
  - Bill Christel – VP of ESH and HR

### Driver Training:

All of our new drivers go through extensive training programs to ensure they work in a productive and professional manner.

- ✓ Training length is an estimated 2-3 weeks, with time spent in a partnership with an “Elite” company driver
- ✓ Our training programs include materials expressed via lecture, and personal discussion
- ✓ A record is kept of each driver training session
- ✓ Drivers receive an orientation guide and checklist
- ✓ All of our training is administered by company staff and driver/trainers
- ✓ Topics covered in our training sessions include:
  - Speeding Policy
  - Alcohol/Narcotics/Drug Abuse
  - Hazardous material regulations
  - Hazardous materials identification on shipping papers
  - Placarding
  - Emergency procedures
  - Rail/highway grade crossing procedures
  - Vehicle inspections
  - Driver logs
  - Loading/bracing/blocks
  - Customer site safety rules policy
  - Loading/unloading procedure
  - Equipment operation
  - Equipment inspections
  - Immediate emergency response measures

### Driver Management:

- ✓ AWS communicates with all of its drivers and field employees via cell phone, GPS, and Ipad/tablet communications
- ✓ All trucks have a speed limit policy that is governed by each individual truck, with speed control systems enforced by an onboard computer
- ✓ AWS uses company surveillance to monitor driver performance
- ✓ All drivers are required to report traffic violations
  - When recording accidents, they are logged in a written, verbal, and quarterly review
- ✓ All complaints are reviewed with the driver and safety team
- ✓ No passengers are allowed to ride in the cabs of any vehicles
- ✓ Advanced Waste Services conducts regular driver performance reviews and maintains an ongoing safety program for all its drivers and employees
- ✓ All special/hazardous material permits are maintained by :
  - Paul Meahl – Reports and Permits Manager

### Incident Communications:

- ✓ 24 hour emergency number: 1-800-842-9792, is located on all shipping forms and information
- ✓ A written accident report is required of all of our drivers, along with a written review by the current supervisor
- ✓ In the event of an accident, the driver is to call the local authorities
- ✓ All shippers are notified of any incidents

### Emergency Response:

- ✓ All drivers have an Emergency Response Guide book (DOT P5800.2 or equivalent) in their vehicles
- ✓ All carriers are equipped with emergency response capabilities
- ✓ On a case by case basis, some carriers use outside services for emergency response
- ✓ All vehicles are equipped with recovery drums
- ✓ All response teams are activated by our central dispatch

**Vehicle Inspections:**

Advanced Waste Services is committed to keeping all of our trucks and facilities at an Elite status

- ✓ Vehicle inspections are performed pre and post trip with inspection follow ups from an AWS certified mechanic
- ✓ Shop inspections are performed every 90 days
- ✓ When performing a tractor inspection, the following is checked:
  - Steering linkage
  - Brakes
  - Engine belts/hoses
  - Fluid levels
  - Lights
  - Windshield glass
  - Tires
  - Couplings/air hose
  - Fifth wheel
- ✓ When performing a trailer inspection, the following is checked:
  - Undercarriage
  - Tires
  - Floor
  - Sidewalls
  - Brake adjustment
  - Lights
  - Doors

**Equipment Maintenance:**

- ✓ All Maintenance on vehicles is performed in one of two locations:
  - The Advanced Waste Services company shop: PM interval
  - An outside shop, which provides full service for our lease tractors
- ✓ Scheduled preventive maintenance is performed:
  - Every 90 days for tractors
  - Every 30 days for trailers



- ✓ Maintenance service is audited subject to FMCSA Safety Investigations

### Cargo Tank Inspection and Testing:

- ✓ Visual Inspections, hydrostatic testing, and relief valve bench testing and inspection is performed at:
  - Our Advanced Waste Services company facility
  - Stuart Tank
  - Glen Denning
- ✓ The visual inspection interval for cargo tanks is 1 year
- ✓ The hydrostatic test interval for cargo tanks is 5 years, 2 years on rear open tanks
- ✓ Our pre trip inspections are performed visually
- ✓ Our post trip inspections are done following the DVIR

