1. **TRANSFER AND RECYCLING FACILITIES**

**Best Practices**

- Segregated areas – self haul, commercial
- Rider policy
- Children- stay in vehicle
- Physical barriers
- Spacing of unloading vehicles
- r/o driver- out of vehicles – PPE (vest, hard hat)
- Photograph/cameras – viewing op’ns.
- Communication to customers – re: safety issues
- Operators- notify customer / scale house
- Slippery floor problem
- Maintain floor
- Spotters to direct traffic
- Lead floor ‘director’
- Loader – solid tires w/ metal wire – better traction
- Sand on floor
- Loader
  - Guards’s belly pan, windshield
  - Bucket, backup alarms and cameras
  - Exhaust; auto reverse fan radiator
  - Safety inspection form daily
    - Correct problems immediately
    - Lights-cages; radio
    - No cell phones
    - Open radio channel for drivers & lead
- Hot load
  - smother w/ dirt or bucket
  - remove from building
  - evacuate building
  - direct away from building
- Vectors – empty bldg. at night
- 7’ hi x 14’ wide waste piles – can lead to spontaneous combustion
- Routine/daily site inspections
- Pit safety
- Customer orientation
  - Spotters
- Dust suppression
- PPE – enforced
- Drug testing
What Can We Do?

- Written safety policy
  - Routine review w/employees
- Follow up with incidents
- Formal employee safety communication
- Routine/weekly safety meetings
- Drug screen new hires
- Job site safety mtgs. – issues for the day
- Quick safely talks
- New, timely topics
- Safety recognition, incentive
- Document! Document! Document!
- 3rd party review of program
- Random un-announced field safety inspections
- Outside industry inspectors
- Issues w/incentive programs
- Take advantage of safety programs from insurance & trade associations
- Wellness programs

2. LANDFILLS

Safety Issue

- People, training, personal choice
- Trust
- Operational pressure
- Maintenance
  - PPE/Equipment
  - PM Schedule
- Work Focus/Distractions

Resolution

- Maintenance Schedules
- Safety observations
- Lockout/Tagout Training
- Bigger Picture
- Positive Reinforcement
- Trust Building
- Culture Development
- Lead by Example

What Works?

- Involvement
- Engagement
- Hands on
- Technology/communication
- Varying methods of training
- Incentive
- Teamwork
• Involve workers in safety inspections
• 3rd party inspection/ ins. brokers
• Preparation
• Continuous message “a little, often”

**Biggest Improvement**
• Ask what they (staff) know about your safety program
• Leadership involvement
• Employee feedback matters
• Policy/manual/structure
• New face/3rd party training occasionally

**Direct Landfill Issues**
• Heavy Equipment
• LF Gas
• Public/Scavenging/Limit Access
• Electrical
• Stability

**What Can We Do As An Industry To Be Safer?**
• Share best practices
  – Safety Monday, SWANA/NSWMA
• Core value- both public & private sector
• Lead instead of lag
• Practice what we preach
• Financial investment
• Think outside the box
• Communicate often
• Safety network within SWANA – website links
• Talk about it constantly and consistently
• Keep it fresh
• Formalize the structure
• Stay up to speed with technology

### 3. **Manual Collection**

**Safety Issue**
• Sharps – bed bugs
• Weather – hot/snow/wet
• Aging workforce – avg age 52
• Alley collection
  – Slip/fall
• Downtown corridor – space
• Expanded services – span of control
  – Training properly – little follow-up
• Young workforce for manual – space issue – bulky items/span of control
• Incentive program
• Attendance/tardiness
• Brush & bulk – heat exhaustion
• No limit on how much garbage is put to curb
• Motivate personnel to think safety first

Efforts to Make Safety a Foremost
• Heat – start early – hydrate water, ice
  – Hook on – hook off both workers have COL’s Mega vests
• Access Limitations/Spatial – Educate Violator if city cleans it – charge – code enforcement
• Safety attire – no shorts, gloves – wrap mattresses
• Age issues
  – Older - stretch in A.M.
  – Younger – Ipods

Improve Our Safety Record
• Daily awareness of being safe
• Safety is “integrated” into our jobs
• Continuous safety tips (tweets)
• Safety videos in break rooms
• Safety quiz
• How do we test for safety awareness/practices?
  – Spot inspections
  – How do we develop meaningful incentives that reflect safe performance
  – Recognition programs
  – Pre-employment “profiling”
  – Supervision needs to “spend time” with personnel to ensure proper safety
  – Corporate needs to spend money
  – Immediate recognition
  – Health & safety events/ truck road-e-o’s
  – National recognition- Valuing the field of SWM
  – Empower employer to bring forth safety issues & close calls

4. **AUTOMATED COLLECTION**

Best Practices
• Stay sharp/ alert
  – Breaks
  – Lunch
  – Rest
• Cell phone ban – no texting
• Group meetings
• Routing software
• On board camera
  – No camera=no roll
• Slip & Fall Protection
  – Purchase of anti-slip and anti-slip shoes
  – Educate public
• Physical Fitness
  – Wellness program
  – Program for “at risk”
  – Coordinate w/ insurance provider
- Discount @ muni centers
  - Golf course
  - Swim
  - Walk-hike
- Driving-Training
  - Speed
  - Turning
  - Unloading

What Can We Do?
- Legislation
  - “Slow down to get around” laws
- Public Education
- Driver Certification
  - Operation of vehicle
  - Laborers, too!
  - Standardize
  - Standards

Culture Change
- Awards
- Incentives
- Tamper Proof Alarms
- Trust (Part of Culture)
  - “Walk the talk!”
  - Behavior – safety programs, get the driver involved
- Understand cost—benefit of safety

What Can SWANA Do?
- Certification Programs
  - Driver
  - Management
- Lobby/Advocacy
- Education
  - Sharing Information
- Cooperate Coordinate with NSWMA, NGV, OSHA