



SUIT Inspection

Permit-By-Rule Facilities

General Information

Inspection Frequency, Solid Waste Policy (SWP-P-074):

- Permit-By-Rule Facility (Solid Waste Processor, Transfer Station, Tire Storage, Compost Facility) – Quarterly
- Convenience Centers – Annually
 - Some field offices inspect quarterly.
- Land Application– Annually
- Follow Up Inspections– As needed to ensure compliance.

Inspection Report Results

No Violation Observed (NVO):

A result of no violation observed indicates that compliance has been achieved for the particular citation.

Area of Concern (AOC):

An area of concern is an area that needs to be watched for problems. These areas have the potential to become violations if they should elevate to the V1 violation criteria level. Areas of concern should typically be noted for issues that are not direct violations of the rule citations but have the potential of becoming direct violations if some type of action isn't undertaken. However, notation of an area of concern should not be used as a pass or allowance for time to fix a first observed V1 violation.

Inspection Report Results

Violations (V1) and Significant Violations (V2):

This manual provides policy information for inspectors for distinguishing between areas of concern, violations (V1), and significant violations (V2). However, this information is primarily focused towards differentiating between areas of concern and violations (V1). Generally, for all violations listed in this manual, a significant violation (V2) results from non-corrective action after a V1 violation is given. There are circumstances where significant violations (V2) can be cited upon initial inspection, however. Policy information is given for those circumstances in this document as well.

Inspection Report

A V1 violation may only be issued if there is no present or imminent risk to public health or the environment. If a V1 is cited during an inspection, then a follow-up inspection will be needed, which requires a follow up inspection date (noted on the inspection form). **The follow up inspection date is determined by the type and condition of the violation.** If the V1 violation has not been corrected by the follow-up inspection, a V2 violation may be cited. An initial violation will have a compliance date of **up to 30 days.**

An extension may be issued by the inspector if suitable progress has been made or other circumstances warrant. The extension an inspector may give is based on the time of the initial violation date and follow up inspection. **The total time of both may not exceed 45 days.**

Inspection Report

Please remember that **corrective action for a violation should begin “immediately”**. The establishment of a **follow up inspection date** does not authorize a facility to remain out of compliance until that date. It is the responsibility of a facility to always be in compliance with the permit and applicable regulations. A follow up inspection date is a notification to the facility of the approximate date that DSWM staff is planning to conduct a follow-up inspection. In situations, such as additional citizen’s complaints, DSWM staff may return to the facility prior to the follow up inspection date.

Inspection Report

The DSWM Environmental Field Office Manager can allow more time to defer a V2 violation if extraordinary circumstances exist (e.g., the requirement of dry weather for repair). The facility must request an extension and provide a compliance schedule in writing to allow more time to correct the V1 violation. Email correspondence is appropriate for this procedure.

Access and General Operation Areas not Paved

Citation Reference: 0400-11-01-.10(3)(b)

Design and Operation Standards – Dust and Mud Control – In order to prevent the creation of a nuisance or safety hazard all surfaces utilized for access and general operation shall be paved (includes compacted stone).

Who does this apply to?

- **Convenience Centers**

Access and General Operation Areas not Paved

Convenience centers should be taking measures to control dust in some way. The facility should be able to show effort in adhering to their specific permit conditions regarding dust control. In order to cite a violation, dust must be causing a safety hazard to the public. Additionally, if the access road becomes too heavily rutted or deep potholes form, these may represent a safety hazard and would constitute a violation. Failure of the paved surface where mud and dust are creating a problem, may constitute a violation.

Uncontrolled Run-On and Run-Off Water

Citation Reference: 0400-11-01-.10(3)(c)1.-2.

Design and Operation Standards – Run-on and run-off control

1. Run-on. In order to prevent operational hazards all run-on surface water shall be diverted around the facility.
2. Run-off. In order to prevent ponding of water, the surface of the facility shall be graded to assure proper runoff control. All runoff shall be diverted to an area that can be controlled with reference to release from the property. The release area shall be properly graded and stabilized to prevent erosion or other damage to adjoining properties. Release of solids in the runoff must be controlled.

Uncontrolled Run-On and Run-Off Water

Who does this apply to?

- **Convenience Centers**

The performance standards should be adhering to permit plan construction and not allowing solid waste constituents or liquid residues to leave the site. The primary goal of this Rule is to deter stormwater run-on from and controlling the water to run-off appropriately while not allowing solid waste constituents or liquid residues to leave the site. Observation of the site after a storm event is a good indicator for success of this control.

Inadequate Communications Equipment

Citation Reference: 0400-11-01-.10(3)(e)

Design and Operation Standards – Communication – There shall be maintained during operating hours on-site equipment capable of notifying the appropriate authorities of an emergency, unless it is demonstrated to the Commissioner's satisfaction that such requirement would be an unreasonable hardship at the convenience center location.

Who does this apply to?

- **Convenience Centers**

Reasonable and effective communication equipment (e.g., radios, cellular phones, etc.) must be available to convenience center personnel to summon emergency assistance. If those conditions are not met, a V1 violation should be cited. If not corrected by a follow-up date or next inspection, a significant V2 violation may be cited. The one exception to this would be if a waiver has been approved because of the hardship clause in the Regulations.

Inadequate Water Service to the Facility

Citation Reference: 0400-11-01-.10(3)(g)

Design and Operation Standards – Water – Service water should be provided to the facility if equipment and/or the facility management requires such water for maintenance.

Who does this apply to?

- **Convenience Centers**

This is service water for cleaning and maintaining equipment and not a requirement for drinking water. If required, service water should be identified in the notification for Permit-by-Rule.

Inadequate Collection/Management of Liquid Residue

Citation Reference: 0400-11-01-.10(3)(h)

Design and Operation Standard – Process water – If mechanical compaction is utilized all liquid generated by this equipment shall be collected and properly managed.

Who does this apply to?

- **Convenience Centers**

Compaction equipment will usually produce liquids that will drain or leak and that need to be collected and managed properly. There will need to be a collection apparatus and a way of removing the liquids for treatment or disposal or have a direct connection to a sanitary sewer. Spilling or leaking of liquids on the ground is not acceptable. Proper maintenance of the collection containers are critical for compliance. If liquids are leaking and not being cleaned-up properly, this may be a V1. If liquids leave the site or have the potential impact a water body, a V2 may be cited.

Inadequate Collection/Management of Liquid Residue



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Improper Handling of Recycled Materials

Citation Reference: 0400-11-01-.10(3)(i)1

Design and Operation Standards – Waste handling - Recycled material shall be placed in separate receiving containers.

Who does this apply to?

- **Convenience Centers**

If recycling collection takes place, then separate receiving containers should be used that are labeled for easy recognition by customers (paper, plastic, cardboard, electronics, etc.). Check to make sure the proper items are being stored in the correct bins.

Unauthorized Medical Waste

Citation Reference: 0400-11-01-.10(3)(m)

Design and Operation Standard – Medical waste – The facility shall not receive medical waste.

Who does this apply to?

- **Convenience Centers**

Convenience Centers shall not receive **commercial medical waste**. Household medical waste is exempt from this provision.

Home hospice care that transports medical waste from a patient's home becomes a commercial collection point and loses this exemption. If commercial medical waste is found a V2 violation will be issued.

Unauthorized Handling of Special Wastes

Citation Reference: 0400-11-01-.10(3)(l)

Design and Operation Standard – Special waste handling – The facility shall not receive special waste unless approval is received from the Department in writing. Approval will require the construction of special containment areas.

Who does this apply to?

- **Convenience Centers**

Special wastes are either difficult or dangerous to manage. Some examples of these wastes include: sludges, bulky wastes, pesticide wastes, medical wastes, industrial wastes, hazardous wastes which are not subject to hazardous waste regulations, liquid wastes, friable asbestos wastes, and combustion wastes (see Special Waste Policy [PN135](#)).

Special Wastes are only industrial wastes that must be approved prior to disposal within the State of Tennessee. Since Convenience Centers are only for residential usage, an approved special waste should never be at a Convenience Center. If an approved special waste is identified by a DSWM inspector at a Convenience Center a V2 Violation should be issued.

Unauthorized or Uncontrolled Access

Citation Reference: 0400-11-01-.02(2)(b)1(i)(I)IV – Permit-by-Rule

The facility must be located, designed, constructed, operated, maintained, and closed in such a manner as to minimize the potential for harm to the public through unauthorized or uncontrolled access; General Facility Standards – Overall Performance Standard –

Citation Reference: 0400-11-01-.10(3)(a) – Convenience Centers

Design and Operation Standards – Access – The facility shall restrict unauthorized access by means of fencing with the ability to secure access points. Operating hours shall be posted at the facility.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Convenience Centers**

Unauthorized or Uncontrolled Access

Public access should be limited to clearly posted hours that are consistent with their permit—if not, a V1 violation maybe cited. Access outside of operating hours that is not controlled could lead to scavenging, burning, indiscriminate dumping and vandalism of the property.

Inadequate Employee Facilities

Citation Reference: 0400-11-01-.02(2)(b)1(i)(V) – Permit-by-Rule

General Facility Standards – Overall Performance Standard – Ensure that the facility has adequate sanitary facilities, potable water, emergency communications (e.g., telephone), and shelter available for personnel;

Citation Reference: 0400-11-01-.10(3)(f)1.-2. – Convenience Centers

Design and Operation Standards – Personnel facilities:

1. In order to provide shelter during inclement weather and store necessary records and supplies a suitable structure shall be provided on-site.
2. Sanitary facilities shall be provided.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**
- **Convenience Centers**

Inadequate Employee Facilities

Requirements:

- Adequate sanitary facilities
 - Portable toilets are acceptable
- Potable water
 - Bottled water is acceptable
 - Convenience Centers are NOT required to provide potable water to employees.
- Emergency communications
- Shelter available for personnel

If these conditions are not met, a V1 violation may be cited. If not corrected by a follow-up date or next inspection, a V2 violation may be cited.

Inadequate Employee Facilities

While not REQUIRED, here is some food for thought....

Communications are paramount for safety in daily operations. While cellular phones are the most common method of communication, 2-way radios should not be disregarded. In a moment of imminent threat of loss of life or bodily damage, a 2-way radio is more effective by conveying an "ALL STOP" as opposed to attempting to quickly call an equipment operator.

Another common issue with the use of cellular phones are the use and ownership. If a site uses cellular phones for operations, those devices should be provided by the facility. If a facility requires their personnel to use personal devices, that should be stated in the job descriptions for employment. If some form of legal issue were to arise and cellular phones become of evidentiary value, then those phones and **ALL** of the content on them becomes discoverable.

Trained Personnel Not Present During Operating Hours

Citation Reference: 0400-11-01-.02(2)(b)1(i)(IV) – Permit-by-Rule General Facility Standards – Overall Performance Standard – Ensure that the facility has trained personnel present during operating hours;

Citation Reference: 0400-11-01-.10(3)(j) – Convenience Centers Design and Operation Standard – Facility supervision – Trained personnel must always be present during operating hours. Training will be established per TCA 68-211-853.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**
- **Convenience Centers**

Trained Personnel Not Present During Operating Hours

The facility must have trained personnel present and on duty at all times the facility is in operation. Training is to be in operational requirements and to prevent entry of unauthorized wastes. **Documentation of training must be onsite, unless approved to be maintained elsewhere.**

Waste Handling not Conducted on Paved Surfaces

Citation Reference: 0400-11-01-.02(2)(b)1(i)(VII) – Permit-by-Rule General Facility Standards – Overall Performance Standard – Restrict all waste handling (including loading and unloading) at the facility to paved surfaces;

Citation Reference: 0400-11-01-.10(3)(i)2 – Convenience Centers Design and Operation Standards – Waste handling – All waste handling (including loading and unloading) shall be conducted on paved surfaces (pavement includes compacted stone).

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Convenience Centers**

Waste Handling not Conducted on Paved Surfaces

All solid wastes must be handled on a paved surface. If the paved surface has deteriorated to the point of slowing operations or having the potential to release solid waste or its constituents into the environment, then a V1 violation may be cited.

“Paved Surface” is not defined in the Regulations, however, is defined by Merriam-Webster¹ as “to lay or cover with material (such as asphalt or concrete) that forms a firm level surface for travel”

For a Permit-by-Rule Facility, a paved surface is identified as an asphalt or concrete surface.

For a Convenience Center, a paved surface is identified as an asphalt, concrete, or compacted stone surface.

1- <https://www.merriam-webster.com/dictionary/pave>

Improper Storage of Solid Waste

Citation Reference:0400-11-01-.02(2)(b)1(i)(VIII) – Permit-by-Rule

General Facility Standards – Overall Performance Standard –Restrict the storage of solid wastes at the facility to containers, bins, lined pits or on paved surfaces, designated for such storage;

Citation Reference: 0400-11-01-.10(3)(i)3 – Convenience Centers

Design and Operation Standards – Waste handling – There is no storage of solid waste at the facility except in containers, bins, or on paved surface designed for such storage.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Convenience Centers**

Improper Storage of Solid Waste

All solid wastes that are stored at the facility must be properly **stored**. Permit by rule conditions vary on this matter and must be known prior to the inspection (i.e. approved storage on tipping floor.) If waste is not being stored properly in approved containers or bins then a V1 violation may be issued. If a paved surface is approved for storage of solid waste in must be maintained in an acceptable condition.

Improperly stored wastes have a high potential to release into the environment.

Incompatible wastes being stored in proximity are also a type of improper storage. (Household Hazardous Waste CCC's)

Improper Storage of Solid Waste



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Unsatisfactory Litter Control

Citation Reference: 0400-11-01-.02(2)(b)1(i)(XI) – Permit-by-Rule General Facility Standards – Overall Performance Standard – Ensure that wind dispersal of solid wastes at or from the facility is adequately controlled, and that windblown litter and other loose, unconfined solid wastes are collected daily and properly disposed;

Citation Reference: 0400-11-01-.10(3)(i)4 – Convenience Centers Design and Operation Standard – Waste handling – All litter shall be collected at the beginning and end of each working day. Incidents of illegal dumping shall be referred to local authorities and addressed in the annual revision of the solid waste plan.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Convenience Centers**

Unsatisfactory Litter Control

The citation for Permit-by-Rule concerns windblown litter. There should be structures in place to prevent windblown litter from leaving the site perimeter. All windblown litter on the site is to be picked and removed for proper disposal **daily**. If this cannot be completed, then a V1 violation may be issued.

Convenience centers should be active in addressing litter. The primary concern for this violation is whether litter is being addressed at the **beginning and at the end of the working day** as stated by the rule.

Any litter that leaves the perimeter of the site or cannot be picked and removed for proper disposal, then a V1 violation may be issued. Litter that has been in place for so long that it has become part of the environment should be addressed.

Inadequate Fire Protection

Citation Reference: 0400-11-01-.02(2)(b)1(i)(XV) – Permit-by-Rule

General Facility Standards – Overall Performance Standard – Properly maintain and locate fire suppression equipment (e.g., fire extinguishers, water hoses) and make the equipment continuously available in sufficient quantities to control accidental fires that may occur;

Citation Reference: 0400-11-01-.10(3)(d) – Convenience Centers

Design and Operation Standards – Fire safety – The facility must have on-site, properly maintained, fire suppression equipment. Arrangements must be made with the nearest available fire protection agency to provide additional protection.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**
- **Convenience Centers**

Inadequate Fire Protection

The Permit-by-Rule operations manual should describe whether the facility is covered by a fire department or if the facility will use on-site fire suppressant equipment.

Convenience Centers must make arrangements with the nearest fire protection agency for coverage.

If fire suppressant equipment is not available a V1 may be issued. If a minimal number is not operational a V1 may be issued. If a significant number are not operational then a V2 may be issued.

Fire extinguishers are to undergo a full maintenance inspection by a certified fire extinguisher inspector annually. If a fire extinguisher has had the pin pulled or not inspected within 12 months, it would be considered non-operational.

Proper maintenance of a fire extinguisher is through monthly inspections. The date of the inspection should be written on the back of the annual maintenance tag attached to each extinguisher.

Inadequate Fire Protection

AFTER USE

After any use or discharge, ensure your fire extinguisher is promptly replaced. Even only a momentary discharge will cause leakage and the extinguisher to later not operate.

After fire hazard has cooled and been properly removed, the prompt clean up of any extinguishing agent residue is recommended.

MONTHLY VISUAL INSPECTION

Fire extinguisher inspections should be performed upon initial placement into service and at regular periodic intervals not to exceed 31 days.

Visual inspection instructions:

1. Ensure the fire extinguisher is visible and access is unobstructed.
2. Ensure the fire extinguisher is properly mounted and secure.
3. Ensure the front nameplate operating instructions face outward and are legible. Relocate extinguisher or clean nameplate as required.

(Correct and resolve any discrepancies observed in steps 1, 2, and 3)

4. Ensure pull pin and/or original visual inspection tamper seal is installed and still intact. *(Replace extinguisher if broken or missing)*
5. Ensure pressure gauge needle reads within green operable area. *(Replace extinguisher if discrepancy observed)*
6. Ensure the discharge nozzle and/or hose assembly is unobstructed and securely attached. *(Wipe obstruction clear or replace extinguisher)*
7. Closely examine all external extinguisher components for any signs of damage, impact, wear, leakage or corrosion. *(Replace extinguisher if any type of discrepancy is observed)*
8. Heft or weigh fire extinguisher to ensure it is properly charged. Total charged extinguisher weight (gross weight) is indicated on the product label/nameplate. *(Replace extinguisher if used or weight is outside tolerance)*
9. Date and initial fire extinguisher inspection tag/record.

NOTE: Anytime an equipment related discrepancy described in steps 4 through 8 is observed during an inspection procedure, the fire extinguisher must be discarded and replaced.

NOTE: Annual maintenance requirements include verification of the fire extinguisher weight at least annually and that the year of manufacture stamped on the bottom of the cylinder is within the designated 12 year maximum shelf life.

ANNUAL MAINTENANCE

If you have purchased this fire extinguisher to comply with local fire code occupancy requirements, the local fire prevention authorities may require annual maintenance examinations that must be performed by properly trained and certified persons in accordance with the National Fire Protection Association (NFPA) and the manufacturer's recommendations. Contact your local fire department or Fire Marshal's office if you are unsure of these requirements.

SIX OR TWELVE-YEAR* LIMITED WARRANTY TERMS

For six (6) or twelve (12) years from date of purchase, Kidde will repair or replace this product to the original owner free of charge, if defective in material or workmanship. Date of purchase is determined by proof of original purchase or by date stamp on bottom of cylinder. This warranty does not apply to normal wear of parts and damage resulting from accident, alteration, abuse, or failure to follow instructions supplied. Kidde, at its option, may refund the purchase price in lieu of replacement or repair. **ANY AND ALL IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO A PERIOD OF SIX (6) OR TWELVE (12) YEARS FROM DATE OF PURCHASE.** Kidde, its dealers and distributors shall not be responsible or in any way liable for any special or consequential damages for breach of any warranty or implied warranty. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or jurisdiction.

*Twelve-year warranty applies only to these models: KD57W-5BC, KCD57W-5BC, MAR5, MAR5C, MAR10, MAR10C, MAR110, MAR110C, MAR210, MAR210C, MAR340 and MAR340C

Company Contact:

Kidde
1016 Corporate Park Drive
Mebane, NC 27302
www.Kidde.com
Product Support: 800-880-6788



Inadequate Fire Protection

MONTHLY VISUAL INSPECTION

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6. Ensure the discharge nozzle and/or hose assembly is unobstructed and securely attached. *(Wipe obstruction clear or replace extinguisher)*
7. Closely examine all external extinguisher components for any signs of damage, impact, wear, leakage or corrosion. *(Replace extinguisher if any type of discrepancy is observed)*
8. Heft or weigh fire extinguisher to ensure it is properly charged. Total charged extinguisher weight (gross weight) is indicated on the product label/nameplate. *(Replace extinguisher if used or weight is outside tolerance)*
9. Date and initial fire extinguisher inspection tag/record.

Operation Does Not Comply with Notification

Citation Reference: 0400-11-01-.02(2)a(3)(ii-iii)

Duty to Comply – After receiving a written authorization from the Commissioner, pursuant to part 1. or 2. of this subparagraph, the owner or operator must:

- (ii) Operate the facility or activity consistent with the notification submitted in accordance with part (c)2. of this paragraph;
- (iii) Notify the Commissioner of any substantive changes in the information submitted pursuant to part (c)2. of this paragraph, including but not limited to a change in ownership, location, type of material received, storage capacity for a material, and method of processing, and receive an amended written authorization from the Commissioner prior to implementing the change;

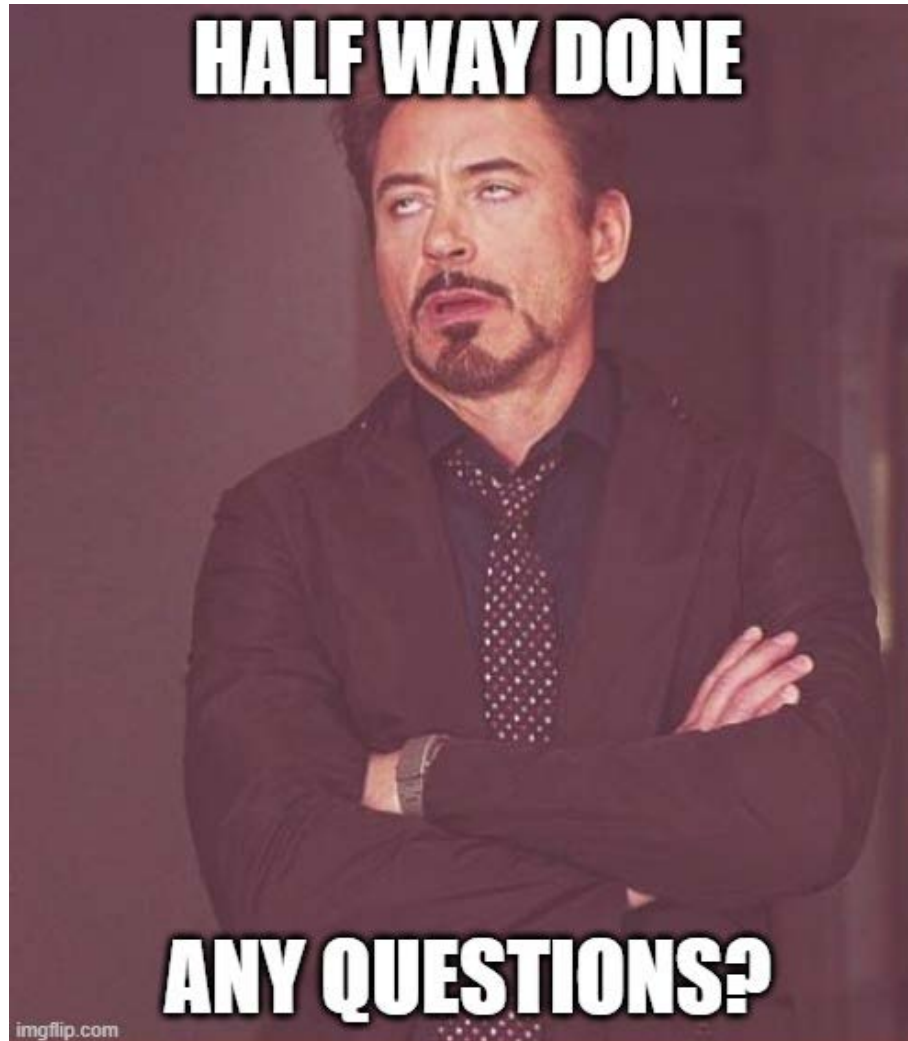
Operation Does Not Comply with Notification

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**
- **Convenience Centers**

If operations do not comply with the notification, a V1 violation should be cited. If not corrected by a follow-up date or next inspection, a significant V2 violation may be cited. Permitting should also be notified if there is a significant difference in the Notification and actual operations.

Questions!!!!



Inadequate Artificial or Natural Barriers

Citation Reference:0400-11-01-.02(2)(b)1(i)(II)

General Facility Standards – Overall Performance Standard - Ensure that the facility has an artificial or natural barrier which completely surrounds the facility and a means to control entry, at all times, through the gate or other entrances to the facility;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Inadequate Artificial or Natural Barriers

The required barrier is intended to prohibit vehicular traffic (or easy foot traffic) from entering the facility when not in operation. Natural and Artificial barriers are usually described on plans or addressed in permit includes wooded areas, geographical hindrances, gates, cables, fencing, or other artificial means of controlling access. **A V1 violation may be cited if the facility barriers are deficient in controlling access.**

If a recent breach in a barrier occurs by unforeseen events (Inclement weather, vehicular accident) then an Area of Concern may be issued with an opportunity to repair the affected area. If nothing is corrected upon follow-up, a V1 violation may be cited

Inadequate Artificial or Natural Barriers



Inadequate Information Signs

Citation Reference: 0400-11-01-.02(2)(b)1(i)(III)

General Facility Standards – Overall Performance Standard – Ensure that the facility, if open to the public, has clearly visible and legible signs at the points of public access which indicate the hours of operation, the general types of waste materials that either will or will not be accepted, emergency telephone numbers, schedule of charges (if applicable), and other necessary information;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Inadequate Information Signs

Requirements:

Visible and legible signs at **points of public access** (if they are open to the public) that describes:

- Hours of operation
- Types of waste materials accepted/not-accepted
- Emergency numbers (Current and Correct)
- Schedule of charges (if applicable)
- Any other necessary information

Also, as a reference, please refer to TCA 68-211-703(h) for more information on signage. However, it is possible that extreme weather events may occur (e.g. flooding or severe snow/ice storms) and consideration of such events should be given. The facility operator has the ability to temporarily adjust and modify daily operating hours in inclement weather conditions to ensure customer and employee safety at the facility.

Inadequate Information Signs



Inadequate Information Signs



Unsatisfactory Access Road/Parking Areas

Citation Reference: 0400-11-01-.02(2)(b)1(i)(VI)

General Facility Standards – Overall Performance Standard –
Ensure that the facility has access road(s) and parking area(s)
constructed so as to be accessible in all weather conditions;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Unsatisfactory Access Road/Parking Areas

This regulatory language states that roads must be maintained so as to be accessible in all weather conditions. Weather can potentially affect normal operations; however, roads should be maintained in order to not drastically slow or stop operations.

If the facility is not accessible and/or potentially dangerous to access due to poor road conditions, a V1 violation may be cited. A non-corrected V1 violation may trigger a significant V2 violation upon follow-up.

Inadequate Vector Control

Citation Reference: 0400-11-01-.02(2)(b)1(i)(I)

General Facility Standards – Overall Performance Standard -
The facility must be located, designed, constructed, operated, maintained, and closed in such a manner as to minimize the propagation, harborage, or attraction of birds and flies, rodents, or other disease vectors;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**

Inadequate Vector Control

A relatively small number of flies or a rat that came in with a load should not normally be considered a violation. However, when the actual number of vectors is large, the evidence (rat burrows, maggots) is significant, or an indication that breeding or increasing numbers is observable, this violation (V1) may be cited.

It is acceptable for domestic animals to be onsite. If these animals are abandoned, creating a health or safety issue or are having to compete for food (ie. In the waste) then a violation may be issued.

Vector Control is an indicator of facility operation and maintenance. Observations should be made to determine the issues driving vector control non-compliance.

Potential for Explosions or Uncontrolled Fires

Citation Reference: 0400-11-01-.02(2)(b)1(i)(I)II

General Facility Standards – Overall Performance Standard -
The facility must be located, designed, constructed, operated, maintained, and closed in such a manner as to minimize the potential for explosions or uncontrolled fires;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**

Potential for Explosions or Uncontrolled Fires

Potential for explosions would be associated with the accumulation of gas from waste in confined areas. The presence of flammables and explosives at the facility are another potential cause for fires and explosions.

Items to be aware of:

- **Pressurized Cylinders**
 - Propane/Butane, Aerosols
- **Batteries**
 - Lithium (High Potential)
- **Incompatible Chemicals**
 - Pool Chemicals
- **Flammable Liquids**
 - Gasoline
 - Alcohols

Potential for Releases of Solid Waste

Citation Reference: 0400-11-01-.02(2)(b)1(i)(I)III

General Facility Standards – Overall Performance Standard-
The potential for releases of solid wastes or solid waste constituents to the environment except in a manner authorized by state and local air pollution control, water pollution control, and/or waste management agencies;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**

Potential for Releases of Solid Waste

Every effort must be used to control the release of solid wastes and solid waste constituents into the environment. This can be by use of site design (i.e. sloping of the facility toward a collection point), fencing, walls or other structures to contain solid waste.

Evidence of Burning

Citation Reference: 0400-11-01-.02(2)(b)1(i)(IX)

General Facility Standards – Overall Performance Standard –
Not burn solid wastes at the facility;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Evidence of Burning

Open burning at a Permit-by-Rule facility is not permitted unless there is an approved device or structure (i.e., Air Curtain Destructor) on site to perform this operation. If such a device or structure is being used it will be stated in the Permit by Rule Notification and have a permit from the Division of Air Pollution Control.

If **open burning of solid wastes** is occurring, then a V1 violation may be issued, and the Division of Air Pollution Control will be notified.

Unapproved Scavenging of Waste

Citation Reference: 0400-11-01-.02(2)(b)1(i)(X)

General Facility Standards – Overall Performance Standard – Prohibit scavenging of solid wastes at the facility and limit any salvaging to safe, designated areas and times;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Unapproved Scavenging of Waste

Scavenging is prohibited. Forms of scavenging are:

- Unapproved Salvaging/Recycling.
- Public removal of any wastes from the site.
- Removal of wastes by facility personnel for personal gain.

Approved salvaging/recycling must be conducted as stated per the Rule and be listed in the permit.

Unapproved Discharge of Liquid Residue

Citation Reference: 0400-11-01-.02(2)(b)1(i)(XII)

General Facility Standards – Overall Performance Standard – Ensure that all liquids which either drain from solid wastes or are created by wash down of equipment at the facility go to either:

- (I) A wastewater treatment facility permitted to receive such wastewaters under T.C.A. 69-3-101 et seq. (Tennessee Water Quality Control Act, or
- (II) Other methods approved by the Commissioner.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Unapproved Discharge of Liquid Residue

The facility must have some method to collect liquid residue from the waste and all wash down water that may be created. This can be managed by either:

- Direct connection to a permitted wastewater treatment plant.
- Leachate storage tanks with a “pump and haul” liquid removal method.

If this structure is not operating properly or the facility is being operated in a manner to render this structure ineffective then a V1 violation may be cited. If this leachate leaves containment, then a V2 violation may be cited.

Unapproved Handling of Special Waste

Citation Reference:0400-11-01-.02(2)(b)1(i)(XIII)

General Facility Standards – Overall Performance Standard –
Ensure that special wastes are not received, unless:

- (I) Such receipt has been specially approved in writing by the Department, and
- (II) Special procedures and/or equipment are utilized to adequately confine and segregate the special wastes;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Unapproved Handling of Special Waste

Any special waste accepted by the facility **MUST** be approved by the Division. If a special waste is received without prior approval or if approved but being handled in such a manner as to be outside the approved handling requirements, then a V2 violation may be cited.

A transfer station cannot accept a Special Waste for disposal but can be identified as a transfer point to the permitted disposal site if it has been approved to do so. A transfer station that has notified that it will not accept special waste is **NOT** permitted to be a transfer point.

A tire storage facility cannot accept a Special Waste.

No Provision for Alternative Waste Handling

Citation Reference: 0400-11-01-.02(2)(b)1(i)(XIV)

General Facility Standards – Overall Performance Standard –
Have alternative arrangements (e.g., contracts with other facilities) for the proper processing or disposal of the solid wastes authorized to be managed at the facility in the event the facility cannot operate;

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**

No Provision for Alternative Waste Handling

The facility must have provisions for alternative waste handling in place should primary waste handling operations not be feasible. This could be identified as an alternate/diversion site or a contract with a 3rd party.

If it is found that there is no alternative waste handling available, then a V1 violation may be issued.

Unapproved Disposal of Waste Residue

Citation Reference: 0400-11-01-.02(2)(b)1(i)(XVI)

General Facility Standards- Overall Performance Standards- Manage all waste residues resulting from processing activities at the facility in accordance with this chapter or Chapter 0400-12-01 (Hazardous Waste Management), whichever is applicable, and/or with any other applicable state or federal regulations governing waste management;

Who does this apply to?

- **Solid Waste Processors**
- **Tire Storage Facilities**

Unapproved Disposal of Waste Residue

All waste residues generated in the processing of waste must be disposed of in a facility authorized to accept those waste residues. In most incidences this will be at a permitted landfill or other solid waste facility. If it is found that the waste residue is not being disposed in accordance with Regulations, then a V2 violation would be issued. This would be illegal disposal of a solid waste or a solid waste constituent.

Unauthorized Waste Accepted

Citation Reference:0400-11-01-.02(2)a(3)(ii-iii)

After receiving a written authorization from the Commissioner, pursuant to part 1. or 2. of this subparagraph, the owner or operator must:

- (ii) Operate the facility or activity consistent with the notification submitted in accordance with part (c)2. of this paragraph;
- (iii) Notify the Commissioner of any substantive changes in the information submitted pursuant to part (c)2. of this paragraph, including but not limited to a change in ownership, location, type of material received, storage capacity for a material, and method of processing, and receive an amended written authorization from the Commissioner prior to implementing the change;

Unauthorized Waste Accepted

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

The facility may only accept wastes that are authorized in the permit by rule notification. If this condition is not met, a V1 violation may be cited. If not corrected by a follow-up date, a significant V2 violation may be cited.

Authorization Letter Not Available

Citation Reference: 0400-11-01-.02(2)a(3)(iv)(I)

General Facility Standards – Overall Performance Standard –
Keep the following records at the facility or at another location approved by the Commissioner:

(I) The written authorization from the Commissioner

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Authorization Letter Not Available

The authorization letter from the Division must be onsite and available. If this condition is not met, a V1 violation may be cited. If not corrected by a follow-up date or next inspection, a significant V2 violation may be cited.

In the event of a permit modification, the updated record should be maintained as well.

Improper Processing Prior to Disposal

Citation Reference: 0400-11-01-.04(2)(k)3(i)(I)

Discarded Tires – Tires may be disposed of in the same manner as other waste after they have been shredded, chipped, chopped, sliced, or have been otherwise processed and are rendered not whole to effectively prevent floating.

Who does this apply to?

- **Tire Storage Facilities**

Improper Processing Prior to Disposal

Tire storage facilities typically do not process tires unless specified in the permit. A separate permit would be required for processing of tires. If tires are being processed and it is not specified in the permit, then a V1 violation should be cited and permitting should be notified.

Improper Storage of Tires

Discarded Tires – Whole tires or shredded, chipped, chopped or circumferentially sliced tires may be stored on site provided that the tire storage areas conform with the following standards:

- I. The storage area shall be surrounded by an 18-inch-high earthen berm to manage run-on and run-off and be sufficient to contain water in the event of a fire, and to provide that:
 - A. All surface run-off is directed around the site;
 - B. All rainwater collected within the berm must be directed to an appropriate release point; and
 - C. All fire control water can be contained until release is approved.
- II. Tire piles shall be restricted to the following dimensions – 200 feet long, 50 feet wide, and 15 feet high. Whole tires shall be covered by a material sufficient to shield the tires from precipitation or an effective insect vector and rodent control program shall be established.
- III. A buffer zone of at least 50 feet wide shall separate tire piles from each other and from active disposal areas.

Improper Storage of Tires

- IV. In order to reduce the risk of fires;
 - A. The storage areas and the buffer zone shall be kept free of brush and high grass;
 - B. No flammable liquids may be stored nor may equipment with an open flame be utilized in or within 50 feet of the storage area;
 - C. Communication equipment, capable of immediately notifying the responding fire department, shall be maintained; and
 - D. A letter assuring response from the responding fire district must be filed with the Division and the telephone number of the responding fire district must be posted at the facility. If service is not available specific fire control measures must be specified by letter to the Division.

Improper Storage of Tires

- V. The storage area may not be located:
- A. On an active disposal area;
 - B. On a closed disposal area, unless no remaining area is available and remedial closure is specified in writing to the Division;
 - C. On an area to be utilized for disposal within one year;
 - D. In the 100 year floodplain, unless the demonstration is made to the Commissioner as required at subparagraph(n) of this paragraph; and
 - E. In wetlands, unless the demonstration is made to the Commissioner as required at subparagraph (p) of this paragraph.
- VI. Tires or shredded tires may not be stored for more than one (1) year without the written approval of the Division. The operator shall maintain records sufficient to establish the date each tire pile within a storage area was begun.

Improper Storage of Tires

Who does this apply to?

- **Tire Storage Facilities**

Tire storage locations and storage areas should be specified in each permit. The facility must:

- Store per the plan listed in the notification, or per the description stated in the Rule, whichever is applicable.
- Not store tires for greater than 1 year without approval. Documentation must be maintained to comply with this requirement.
- Additionally, provisions must be in place to limit the propagation of vectors that may carry disease (mosquitos). Cover to prevent retention of water or a pesticide spraying program will suffice for compliance of this Rule.

Unsatisfactory Records or Reports

Citation Reference: 0400-11-01-.02(2)(b)1(i)(XIX)

General Facility Standards – Overall Performance Standard – Maintain records documenting the amounts of the different types of solid waste at the facility, including, but not limited to, the amounts stored to be processed, in process, and that have completed processing, in order to determine processing completion within one year.

Who does this apply to?

- **Solid Waste Processors**

Unsatisfactory Records or Reports

Documents of the amounts of the different types of solid waste at the facility including, but not limited to:

- Stored to be processed
- In process
- Completed processing

These records are used to determine processing completion within one year.

If those conditions are not met, a V1 violation may be cited. If not corrected by a follow-up date, a significant V2 violation may be cited.

Unsatisfactory Records or Reports

Records are an integral part of an inspection. It is the checks and balance to ensure that operations, inbound and outbound, are operating correctly. An inspection without a Records Review is an incomplete inspection.

Record	SWP	TRF	TSF	CCC	Notes
Authorization Letter (Permit)	X	X	X		Must be onsite unless approved for alternate
Notification Info (Permit Application)	X	X	X		Must be onsite unless approved for alternate
Trained Personnel	X	X	X	X	Trained personel must be onsite during operating hours
Fire Supressant Equipment	X	X	X	X	Equipment Inspections, Tags, or other related docs
Waste Processing Amounts	X				Must know what they have at all times
Valid Conract for Tire Disposal			X		May have to contact Co SW Director

Unsatisfactory Records or Reports – SWP's

Autoclave/Incinerators – Inbound manifest/BoL, On-Site, Outbound. Outbound are typically Special Wastes and should have an active approval.

Bulk Solidification – Inbound manifest/BoL, On-Site, Outbound. Outbound are typically Special Wastes and should have an active approval.

Oil/Water Separators – Inbound (usually weigh tickets, On-Site, Outbound amounts. Could be “Used Oil” “Off-Road Diesel” or sediments used for “Beneficial Reuse”.

Waste Separators – Inbound, On-Site, Outbound. C&D typically. Records for waste to Landfills, Recovered Materials/Recycling.

Unsatisfactory Records or Reports – SWP's

- Tier 1 Compost – Inbound (weigh tickets), On-Site, Outbound. Outbound documents can be to disposal to a permitted facility or a market for use.
- Medical Waste – Inbound Invoices/BoL/manifests, On-Site, Outbound. Potential outbound records may be to incinerators/autoclaves. If pharmaceuticals are on site, there is potential for there to be reverse distribution under 40 CFR 266 Subpart P. Involve your EFO Haz Waste Inspector.
- Tire/Shingles – Inbound, On-Site, Outbound. Most of these have or will transition to RMPF's. 1 yr. storage.

Unsatisfactory Records or Reports

For On-Site storage, the facility had to file a response to criteria prior to Permit approval. The amount on site should not exceed the permitted amount. The inspector must read the permit and notification to know these amounts.

Improper Closure

Citation Reference:0400-11-01-.02(2)(b)1(ii)(I-II)

General Facility Standards – Overall Performance Standard –When closing the facility, the owner or operator of a processing facility shall:

- (I) Remove all solid wastes and solid waste residues for proper disposal; and
- (II) Notify the Commissioner in writing of the completion of closure of the facility and include a certification that the facility has been closed by removal of all the solid waste and residues.

Who does this apply to?

- **Solid Waste Processors**
- **Transfer Stations**
- **Tire Storage Facilities**

Improper Closure

Notification of closure must be made, along with an inspection verifying that proper cleanup has occurred. Any deviation from the closure procedure must be approved by the Division. If these deviations are not approved or any of the referenced closure procedures are not met, then a violation may be cited.

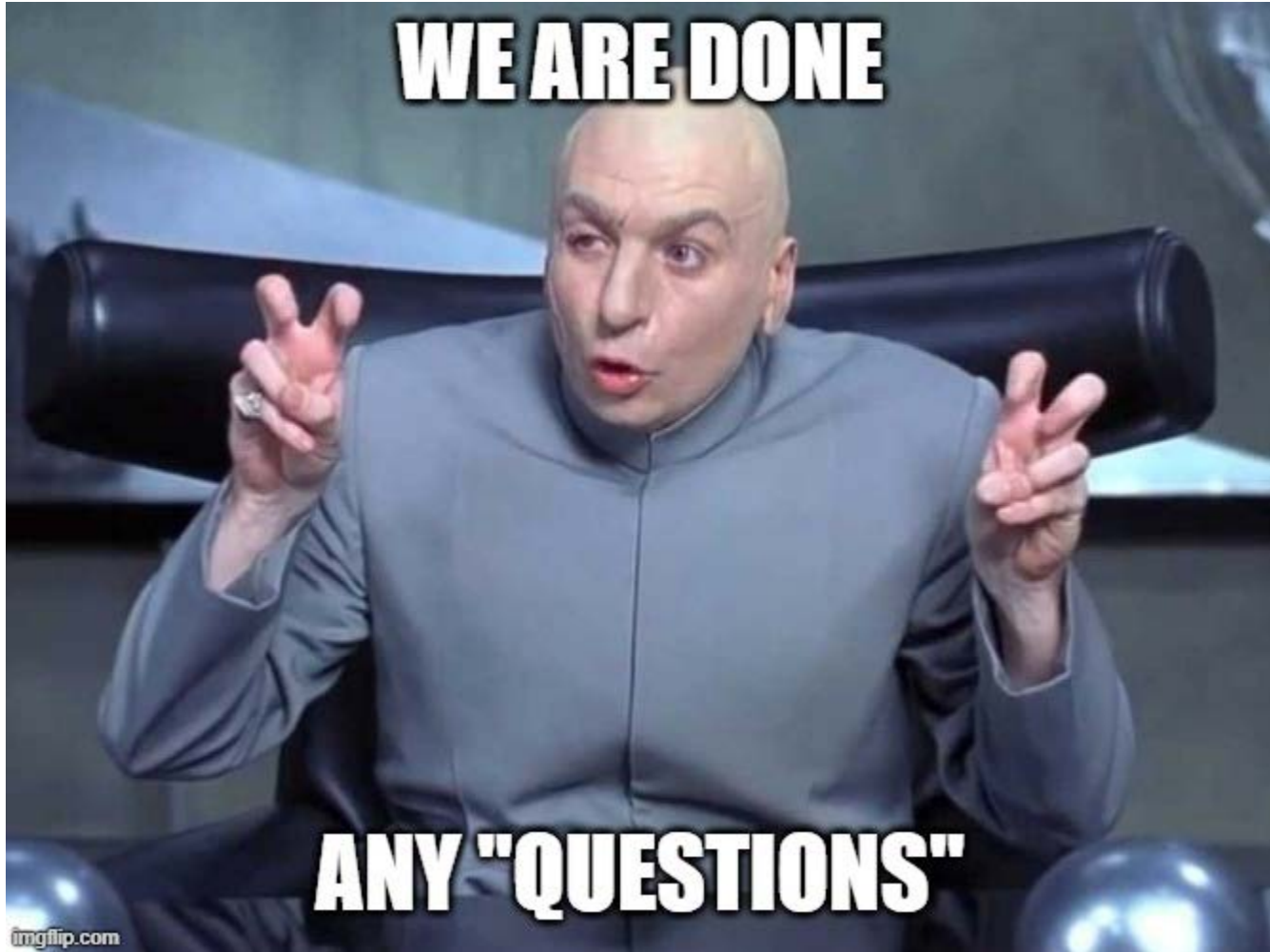
Quick Reference Guide

Quick Reference Guide					
Description	SWP	TRF	CCC	TSF	Notes
Vector Control	X	X			
Explosions/Uncontrolled Fires	X	X			
Releases of Solid Waste	X	X			
Uncontrolled Access	X	X			
Barriers	X	X		X	Artificial/Natural
Information Signs	X	X		X	Up to Date
Trained Personnel	X	X		X	
Employee Facilities	X	X		X	
Access Roads Parking Lots	X	X		X	
Waste Handling Paved	X	X			Concrete, Asphalt
Improper Storage	X	X			
Evidence of Burning	X	X		X	
Scavenging	X	X		X	
Litter Control	X	X			Daily Clean Up
Discharge of Liquid Residue	X	X		X	
Unapproved Special Waste	X	X		X	Must Be Approved by Division
Alternative Waste Handling	X	X			
Fire Protection	X	X		X	
Disposal of Waste Residue	X			X	
Improper Closure	X	X		X	
Unauthorized Waste Accepted	X	X		X	

Quick Reference Guide

Quick Reference Guide					
Description	SWP	TRF	CCC	TSF	Notes
Unsatisfactory Records	X				See Records List
Authorization Letter	X	X		X	
Does Not Comply w/Notification	X	X	X	X	
Improper Processing Tires				X	
Improper Storage Tires				X	
Uncontrolled Access			X		
Operation Areas Not Paved			X		
Uncontrolled Run-On/Run-off			X		
Fire Protection			X		
Communications			X		
Personnel Facilities			X		
Water Service to Facility			X		
Collection of Liquid Residue			X		
Handling Recycled Material			X		
Waste Handling Paved			X		Concrete, Asphalt, Compacted Stone
Inproper Storage			X		
Litter Control			X		Beginning and End of Day
Trained Personnel			X		
Unauthorized Special Waste			X		Never
Medical Waste			X		

Questions?



Contact Information

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