ISWA Technical Policy No. 5: Storage, Collection, Transportation, and Transfer

ISWA TECHNICAL POLICY NO. 5
STORAGE, COLLECTION, TRANSPORTATION AND TRANSFER OF SOLID WASTE

Storage of Residential, Commercial, Institutional and Industrial Solid Waste

Policy

ISWA supports the storage of solid waste in containers which are safe, which provide for sanitary waste storage, and which do not create a public nuisance. Storage containers should be designed and maintained in a manner to provide safe, easy access for both the generator and the collector, and should be compatible with the collection system used.

Position

The following are considered best practice for storage for each of the solid waste streams:

- **Residential Solid Waste** - storage containers should be designed to prevent entry by rodents and insects, and meet national or international standards where applicable. Local government units (LGUs) should:
  - determine what are acceptable storage containers for their jurisdiction and establish ordinances to require the use of those containers,
  - establish standards for the condition and maintenance of storage containers used for residential solid waste,
  - require residential solid waste generators to abide by the terms of the ordinances and standards for storage containers, and
  - assure that such containers are maintained to meet the ordinances and standards.

Storage containers should be compatible with mechanical/automated collection systems, when such systems are used.

- **Commercial, Institutional, and Industrial Solid Wastes** - storage containers should be designed to prevent entry by rodents, insects and unauthorized dumping of prohibited material, and meet national or international standards where applicable. LGUs, in order to protect the public health, safety and welfare, should:
  - establish ordinances and standards which prescribe what are acceptable storage containers for the storage of commercial, institutional, and industrial solid waste,
  - establish procedures for the determination of sizes of containers to be used,

• establish procedures for the determination of frequency of servicing of containers,

• establish ingress and egress requirements and standards of safe placement of containers,

• establish criteria for enclosures and concrete pads,

• establish requirements for cleaning and maintenance of storage containers,

• establish enforcement programmes to assure that generators and service providers of commercial, institutional, and industrial solid waste collection services prescribe to those ordinances and regulations, and

• establish requirements for proper signage/security to discourage illegal dumping of hazardous materials or prohibited items.

Storage containers should be compatible with mechanical/automated collection systems, when such systems are used.

**Collection of Solid Waste**

**Policy**

ISWA supports the collection of solid waste by methods and systems that are economically and environmentally sound. Collection systems and services:

• should be founded on, and consistent with provincial/state regulations and local government ordinances and standards,

• should be planned for by local governments, and provided for through public or private service providers, and

• should be based on a comprehensive integrated solid waste management plan.

ISWA recommends that collection services for residential, commercial, institutional, and industrial solid waste should be provided by automated and mechanical technologies and systems, when these systems are feasible, practical and the most cost effective.

**Position**

ISWA supports the establishment of solid waste collection systems and services which:

• are safe, convenient, dependable, and efficient,

• are economical,

• protect human health and the environment,
• reflect the best in technology and practices,
• prescribe to established standards of service, performance and customer satisfaction, and
• provide full disclosure of costs and revenues associated with the service.

In the use of either public or private service providers for solid waste collection, local governments should:

• assure that a fair comparison is made between all service providers,
• assure that the provision of services is based on established standards of service, performance, and customer satisfaction,
• establish monitoring and oversight programmes to assure the acceptable performance of the services provided,
• continue to evaluate collection services to assure that those services reflect the best in technology and systems, in order to provide a continuing competitive environment,
• assure that public services are competitive with comparable services and systems provided by private sector services,
• assure that private services are competitive with comparable services and systems provided by public sector services, and
• award private services, for any portion of the solid waste stream, through a competitive process of contracts, franchises or licenses.

**Transportation and Transfer of Solid Waste**

**Policy**

ISWA supports the proximity principle. If long distance transport and transfer of solid waste is an option, the decision has to be based on economic and environmental analyses. ISWA supports the establishment of standards, regulations, licences and permit requirements by provincial/state and local governments for the siting, design, and operation of transfer stations/facilities.

**Position**

Within their integrated solid waste management programmes, local governments should include provisions to regulate the transportation and transfer of solid waste generated within, or transported into, their jurisdictions.

ISWA supports transportation and transfer of solid waste under the following conditions:

• transportation and transfer systems should be part of an approved integrated solid waste management plan,
ISWA Technical Policy No. 5: Storage, Collection, Transportation, and Transfer

- Transportation and transfer (transport equipment and facilities) should be accomplished in compliance with applicable national, provincial/state laws, regulations, and permits and all local government licences, permits, ordinances, and standards, and
- No facility should receive solid waste that is not a part of the permit for the facility.

Transportation and transfer services should:

- Be founded on provincial/state regulations,
- Be consistent with provincial/state regulations and local government ordinances and standards,
- Be subject to provincial/state permitting conditions,
- Be consistent with local government integrated solid waste management plans, and
- Be accomplished within a system which is based on an integrated solid waste management plan.

ISWA supports the following in transportation and transfer technologies and systems that:

- All road, rail, and water transport equipment should comply with local, provincial/state, and national equipment, and safety standards,
- All over-the-road equipment operators should comply with applicable operator regulations and rules,
- All transfer stations should provide appropriate work environments to protect worker and public safety, human health, and the environment, and
- All transfer stations should comply with applicable worker safety regulations.

ISWA supports the establishment of solid waste transportation and transfer services that:

- Reflect the best in technology and practices,
- Prescribe to established standards of service, performance, and customer satisfaction, and
- Provide full disclosure of costs and revenues associated with the service.

In utilizing either public or private service providers for solid waste transfer services, local governments should:

- Assure that a fair comparison is made between all service providers,
- Assure that the provision of services is based on established standards of service, performance and customer satisfaction, consistent with federal and provincial/state regulations,
• establish monitoring and oversight programmes to assure the acceptable performance of the services provided,

• continue to evaluate their own public provided transportation and transfer services to assure that those services reflect the best in technology and systems, in order to provide a continuing competitive environment,

• assure that public services are competitive with comparable services and systems provided by private sector services,

• assure that private services are competitive with comparable services and systems provided by public sector services, and

• award private services, for any portion of the solid waste stream, in a competitive process under permits, contracts, franchises or licenses.

ISWA supports the use of public, private, or a combination of public and private service providers for transportation and transfer services consistent with the terms and conditions described above.