



NSWMC Resolution No. 1452, Series of 2021

**ADOPTING THE TOTAL SOLID WASTE MANAGEMENT SOLUTION TO
OPTIMIZE WASTE RECOVERY AND UTILIZATION IN THE SANITARY
LANDFILLS PRIOR TO DISPOSAL**

WHEREAS, Section 16 of Republic Act No. 9003 or the Ecological Solid Waste Management Act of 2000 mandates that the province, city or municipality, through its local solid waste management boards, shall prepare its respective ten-year solid waste management plans and that these plans shall be for the re-use, recycling, and composting of wastes generated in their respective jurisdictions;

WHEREAS, it is further stated in Section 16 RA 9003 that the plans shall place primary emphasis on implementation of all feasible re-use, recycling, and composting programs while identifying the amount of landfill and transformation capacity that will be needed for solid waste which cannot be re-used, recycled, or composted.

WHEREAS on December 15, 2005, the National Solid Waste Management Commission approved NSWMC Resolution No. 6 titled *Adoption of the Guidelines on Categorized Disposal Facilities* for the design features and operational requirements for the four Sanitary Landfill categories as follows: Category 1 with less than or equal to 15 tons per day (TPD), Category 2 with more than 15 TPD but less than or equal to 75 TPD, Category 3 with more than 75 TPD but less than or equal to 200 TPD and Category 4 with more than 200 TPD;

WHEREAS, relative to NSWMC Resolution No. 6, Series of 2005, the Department of Environment and Natural Resources issued DENR Administrative Order (DAO) No. 2006-10 titled "Guidelines on the Categorized Final Disposal Facilities (Sanitary Landfills) on September 14, 2006 which clarified that the categories of final waste disposal facilities have been developed and designed in consideration of the *net residual waste generation of the LGUs*;

WHEREAS, in the approval of the Ten-Year Solid Waste Management Plans, the Commission gives due *consideration on the capability and capacity of the LGUs to implement their diversion targets as well as disposal targets* within the ten-year planning period until such time the LGUs are able to meet their maximum waste diversion target through materials recovery, composting and other resource recovery activities;

WHEREAS, based on records of the Environmental Management Bureau - Solid Waste Management Division, *mixed wastes* remain to enter the waste disposal facilities in the country despite the issuance of NSWMC Resolution No. 6 Series 2005 and DENR Administrative Order No. 10, Series of 2006;

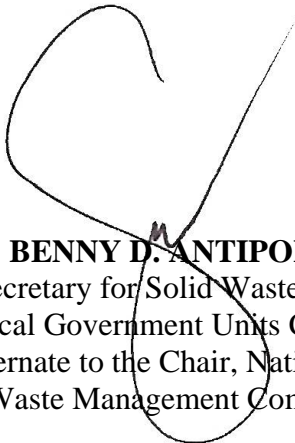
WHEREAS, one of the strategies to address this concern is the adoption of the *Total Solid Waste Management Solution* concept that aims to ensure optimum utilization of solid wastes that enters the Sanitary Landfills, by integrating processes and technologies for the management of biodegradable wastes, recyclable wastes and residuals with potential for diversion, and for the treatment of special wastes or household hazardous wastes prior to disposal thereby extending the life of the disposal facility.

WHEREAS, the Resolution was proposed by the Department of Environment and Natural Resources during the NSWMC Executive Committee Meeting held on August 5, 2021 and was moved and seconded for endorsement to the NSWMC En Banc for its approval by the Manufacturing Industry and by the Department of Industry (DTI) representatives, respectively.

NOW THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED, to adopt the concept of **Total Solid Waste Management Solution** to be integrated in the design and operation of proposed sanitary landfill projects in consideration of the LGUs' waste diversion and disposal targets and in compliance with the policy of the State to adopt a systematic, comprehensive and ecological solid waste management program that will utilize environmentally-sound methods that *maximize the utilization* of valuable resources and encourage resources conservation and recovery.

FURTHER, it is hereby resolved that the Environmental Management Bureau shall issue the appropriate directives to its Regional Offices relative to the integration of the Total Solid Waste Management Solution in the design and operation of proposed Sanitary Landfill projects.

APPROVED on this 31st day of August, 2021.


BENNY D. ANTIPORDA
Undersecretary for Solid Waste Management
and Local Government Units Concerns and
Alternate to the Chair, National Solid
Waste Management Commission

Waste No More! Waste No Time!