



STATE-OF-THE-ART WASTE MANAGEMENT FACILITIES

2012




ASEAN Centre for Energy
ASEAN Energy Award 2012

2016




ASEAN Centre for Energy
ASEAN Energy Award 2016

2019




National Energy Awards by MESTECC
Merit Award in National Grid Renewable Energy 2019

2021



Institute of Engineers, Malaysia
IEM Recognition For Contribution In The Engineering Industry 2021

2023



Waste Management Association of Malaysia (WMAM)
Exceptional Facility Management Award – Large Enterprise 2023

Over the years, Bukit Tagar EnviroParks (BTEP) has been the proud recipient of a multitude of awards from esteemed local and international professional bodies. These accolades stand as a testament to BTEP's outstanding operational excellence in the waste management and renewable energy industry.




NAZABES

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Naza B Eco Services (NBES) specializes in sales, marketing, collection, packaging, cleaning, clearing, remediation, and transportation management of scheduled wastes. Our services extend beyond waste management to provide comprehensive solutions for diverse environmental challenges.



Sales & Marketing

- Sales & Marketing.
- After Sales Services.
- Collection of Debts.
- Attending to Customer's Needs.
- Coordinating waste transportation scheduling with operation personnel.



Abandon Vehicles Management

- Providing logistics services such as Towing trucks and vehicle carriage.
- Providing an Authorized Automotive Treatment Facility.
- Providing AV Storage Facility.
- Managing and operating AATF facility to de-pollute AV and dispose in an environmentally save manner in line with the requirement of an AATF issued by the DOE.



Transportation Management

- Sourcing reliable transporters.
- Managing waste collections.
- Managing & monitoring transporters.
- Bin Rentals.



Sludge Management

- Providing Sludge Management services such as site management & supervision, pit cleaning, industrial tank cleaning, etc.



Support Services

- Packaging services to waste collection.
- Supplying packaging material and manpower.
- Cleaning & handling Contaminated containers.
- Support services in Operation & Maintenance.
- Other support services, such as machinery & equipment rental supply, manpower supply, etc.

SETTING THE BENCHMARK FOR SUSTAINABLE WASTE MANAGEMENT



NAZA Enviro

GROUP OF COMPANIES

► **BERJAYA EnviroParks SDN BHD**

► **NAZA Energies SDN BHD**

► **J&T NAZA Alam Murni SDN BHD**

► **AMITA NAZA SDN BHD**

► **NAZA B ECO SERVICES SDN BHD**




KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN

SETTING THE BENCHMARK FOR SUSTAINABLE WASTE MANAGEMENT

OUR VISION

To become the foremost leader in sustainable waste management and recycling. We are dedicated to setting industry benchmarks, integrating cutting-edge technologies to minimize environmental impact, and fostering a circular economy.

As the premier choice, we aspire to redefine the concept of waste, actively engaging in initiatives that not only address current environmental challenges but also shape a more sustainable future.

OUR MISSION

We aspire to be a catalyst for change in our industry for a more environmentally sustainable and socially equitable future.

We are dedicated to addressing and resolving waste challenges through our unwavering commitments to sustainability and innovation. Our mission is threefold:

- Dedicated to managing all types of waste towards a sustainable circular economy.
- Committed to advocating the cradle-to-cradle principle of converting wastes to valuable resources.
- Continually comply with standards, we ensure responsible waste management, upholding compliance and fostering excellence in all operations.

BERJAYA *EnviroParks* SDN BHD
NAZA *Energies* SDN BHD

ENGINEERED SANITARY LANDFILL

Berjaya EnviroParks Sdn Bhd manages the Bukit Tagar EnviroParks ("BTEP") sanitary landfill under a long-term government concession supervised by KPKT. With a 120 million-ton airspace capacity, BTEP can handle Kuala Lumpur and Selangor's waste for over 50 years.

To enhance environmental protection and operational efficiency, BTEP implements a daily cover liner, which helps to minimize odor, control pests, and limit water infiltration. By restricting water infiltration, the daily cover liner significantly reduces leachate generation, contributing to effective leachate management, environmental sustainability, and compliance with regulatory standards.

STATE-OF-THE-ART-LEACHATE TREATMENT PLANT

A State-of-the-Art Leachate Treatment Plant meets the strict standards of the Department of Environment, Malaysia, using global best practices for sustainable waste management. Operating 24/7, it employs Biological and Physical-Chemical Treatment processes with SCADA monitoring for optimum efficiency. With a capacity over 2,200 cu.m per day, it is the largest in the region for methanogenic leachate management.

Treated leachate is sent to the reed beds consisting of phragmites plants for final polishing (the first in the region). The treated leachate is managed through an efficient recirculation process within the site area. It is recirculated to the future and non-operational phases to minimize environmental impact as part of the site operation.

LANDFILL GAS MANAGEMENT & RENEWABLE ENERGY

BTEP is the largest waste-to-energy project (Biogas) in the nation with a combined 12.4-megawatt gas engines to generate electricity from landfill gas (LFG) and supply the green energy to Tenaga Nasional Berhad (TNB) under the Feed-In Tariff scheme. It is the first sanitary landfill in Malaysia to generate Carbon Credit and it is still registered under the UNFCCC.

To maintain the integrity of the environment, BTEP employs a comprehensive (LFG) management strategy to treat the LFG and to generate renewable energy from LFG. Generating renewable energy from LFG promotes the sustainability of natural resources by reducing the use of fossil fuels in electricity production.

SUSTAINABLE SCHEDULED WASTE TREATMENT CENTRE (SSWTC)

J&T Naza Alam Murni Sdn Bhd (JNAM) is the developer and operator of the Sustainable Scheduled Waste Treatment Centre (SSWTC) located in Bukit Tagar, Hulu Selangor, Malaysia.

The SSWTC is a modern and integrated waste management facility approved by the Department of Environment, Malaysia, to manage and treat 76 out of 77 Scheduled Waste Codes (toxic and hazardous waste) generated by various small, medium, and heavy industries including medical facilities.

SCHEDULED WASTE CODES

SW1 METAL & METAL-BEARING WASTE

101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110

SW2 WASTES CONTAINING PRINCIPALLY INORGANIC CONSTITUENTS

201 | 202 | 203 | 204 | 205 | 206 | 207

SW3 WASTES CONTAINING PRINCIPALLY ORGANIC CONSTITUENTS

301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312
313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324
325 | 326 | 327

SW4 WASTES CONTAINING EITHER ORGANIC OR INORGANIC CONSTITUENTS

401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412
413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424
425 | 426 | 427 | 428 | 429 | 430 | 432

SW5 OTHER WASTES

501

SSWTC TREATMENT FACILITIES



Solidification Plant



Scheduled Waste-to-Energy (SWTE) Plant



Secured Landfill



Warehouse



Dryer Plant



Surface Water Treatment Plant (SWTP)



Leachate Treatment Plant



Laboratory Facility



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AMITA NAZA SDN BHD

SUSTAINABLE RESOURCE MANAGEMENT CENTRE

Amita Naza Sdn Bhd (ANSB) is licensed by the Department of Environment Malaysia to receive and manage Scheduled Waste, as well as transportation of Scheduled Waste under the Environmental Quality Act 1974.

ANSB's core activity is producing Alternative Raw Material (ARM) and Alternative Fuel (AF) from Scheduled Waste as substitute for natural raw material and fossil fuel for the cement industry.

SCHEDULED WASTE CODES

SW1 METAL & METAL-BEARING WASTE

104 | 110

SW2 WASTES CONTAINING PRINCIPALLY INORGANIC CONSTITUENTS

202 | 203 | 204 | 207

SW3 WASTES CONTAINING PRINCIPALLY ORGANIC CONSTITUENTS

310 | 311 | 316 | 319 | 321

SW4 WASTES CONTAINING EITHER ORGANIC OR INORGANIC CONSTITUENTS

406 | 411 | 416 | 427



Integrated Laboratory for Material Analysis



Weighbridge Station



Computerized Floor Scale



All-weather Bulky Waste Unloading Bay



Ample Storage Area



Material Processing Zone



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WWW.AMITANAZA.COM.MY

"Leading the waste management and recycling sector towards a sustainable circular economy and setting the benchmark for excellence and innovation in environmental stewardship"



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