

SDG 12.2.4

1. According to the 2013 official document of the Kaohsiung Environmental Protection Bureau, in order to comply with the resource recovery policy of EPA, Executive Yuan, the amount of resource recovery needs to be counted and reported to Kaohsiung Environmental Protection Bureau on the 5th of each month. See **the attachment1**.

2. NUK records the volume of annual recycled waste in the sustainability report and puts it on the website (<https://ces.nuk.edu.tw/p/412-1011-5978.php?Lang=zh-tw>) for the public. Other supporting materials can be found in the excerpts of our university's 2024 Sustainability Report (see **the attachment2**).

3. Regulation amendment:

(1) "General waste recycling and disposal methods"(1997/2025) from EPA, Executive Yuan((now Ministry of Environment).
<https://law.moj.gov.tw/LawClass/LawHistory.aspx?pcode=O0050024>

(2) "NUK Methods for the Storage, Clearance and Disposal of Industrial Waste" (2003/2022)
<https://ga.nuk.edu.tw/p/405-1010-57886,c4744.php?Lang=zh-tw>

正 本

發文方式：郵寄

檔 號：

保存年限：

高雄市政府環境保護局 函

81148

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承辦單位：環境衛生管理科

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受文者：國立高雄大學

發文日期：中華民國102年6月19日

發文字號：高市環局衛字第10236640100號

速別：普通件

密等及解密條件或保密期限：

附件：資源回收量統計表乙份

主旨：為配合行政院環境保護署資源回收、垃圾減量政策，瞭解本市資源回收辦理成效，請貴校惠予協助於每月5日前將資源回收量（如附表格）送本局，俾利彙整，請 查照。

正本：高雄醫學大學、國立高雄應用科技大學、文藻外語學院、育英醫護管理專科學校、和春技術學院、輔英科技大學、義守大學、國立高雄餐旅大學、高雄市立空中大學、實踐大學高雄校區、海軍軍官學校、中華民國空軍官校、國立空軍航空技術學院、高美醫護管理專科學校、國立高雄師範大學、正修科技大學、東方學校財團法人東方設計學院、國立高雄大學、國立高雄海洋科技大學、國立高雄第一科技大學、高苑科技大學、樹人醫護管理專科學校、國立中山大學、中華民國陸軍軍官學校、樹德科技大學

副本：

局長陳金德

本案依分層負責規定授權業務主管判發



▼ Discharge water quality test data and discharge water volume

Test Item	2021	2022	2023	2024	Discharge standard
BOD(mg/l)	10.5	15.5	12.4	7.5	30
COD(mg/l)	39.9	58.1	48.7	29.5	100
SS(mg/l)	7.55	8.2	6.7	8.5	30
Escherichia coli(CFU/100mL)	23,988	33,900	58,250	164,000	-
Grease(mg/l)	0.7	1	0.85	0.5	10
Water temperature(oC)	28.7	27.9	26.6	27.2	35
PH	7.6	7.7	7.7	7.6	6-9
Discharge volume(CMD)	9,813	14,818	22,100	14,959	-

▼ Drinking water

NKU has a total of 135 drinking fountains, and outsources regular monthly maintenance and regular replacement of filter materials, tank cleaning and disinfection. In accordance with the current drinking water laws and regulations, at least 1/8 of drinking fountains are inspected quarterly, i.e., 17 units, but the actual number inspected is 18 units. Water quality testing is based on the principle of sampling at least two drinking fountains in each building and once a quarter.

▼ Drinking Fountain Test Results

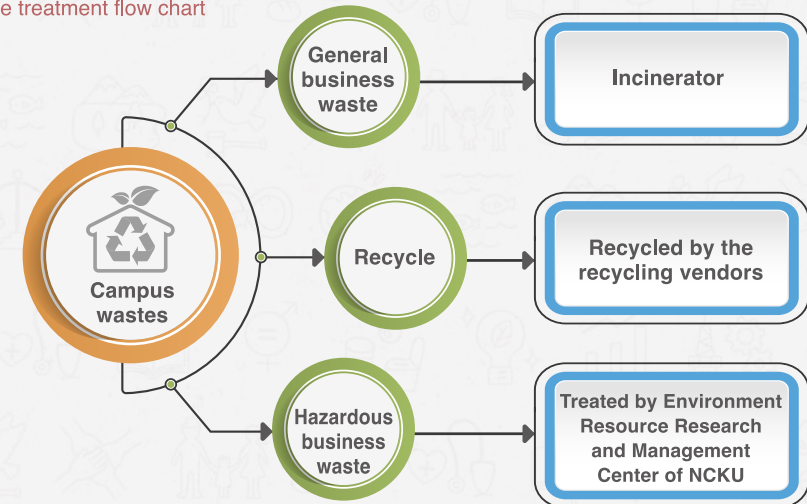
Test Item	2022	2023	2024	Standard
Escherichia coliCFU/100mL	<1	<1	<1	6

5.1.4 Waste Management

The University waste output can be roughly divided into general business waste and recyclables generated in the dormitories and offices, and hazardous business waste generated in the laboratories. General business waste is entrusted to the manufacturer to be transported to the incineration plant for incineration; the harmful industrial wastes are cleaned and transported by qualified cleaning and transportation companies to Resource Recovery Plant of Environmental Resources Research and Management Center, National Cheng Kung University for disposal. In 2024, the amount of recycled resources was 13.19 tons, and the total amount of general garbage was 302.21 tons, with a

total recycling ratio of 4.36%, which fell short of the target of 10%. The reason for this may be due to the increase in the amount of foreign garbage and the way in which the garbage is handled during certain periods of time, resulting in a decrease in the recycling ratio. The University will continue to strengthen its efforts to reduce the amount of foreign garbage, enhance the separation of garbage, and handle garbage during certain periods of time.

▼ Waste treatment flow chart



▼ List of general industrial waste disposal 2024

Hazardous waste			Non-hazardous waste		
Treatment	On-site	Off-site	Treatment	On-site	Off-site
Incineration (incl. recycling)	-	7.17	Incineration (incl. recycling)	-	289.02
Landfill	-	-	Landfill	-	-
Others	-	-	Others	-	13.19
Subtotal	-	7.17	Subtotal	-	302.21
total		7.17	total		302.21
Total waste			309.38		

Note: 1. Waste weights are in metric tons.

2. "On-site" is within the physical boundaries or administrative control of NUK; "off-site" is outside NUK's physical boundaries or administrative control.

3. All industrial wastes are sent to the entrusted manufacturer for disposal.

4. NUK has no transfer during disposal.