



"CLEAN WATER AND SANITATION FOR ALL"



- SNRU WATER MANAGEMENT AND SUSTAINABILITY
- PREVENTING WATER SYSTEM POLLUTION
- WATER MANAGEMENT EDUCATIONAL OPPORTUNITIES



SNRU Water Management and Sustainability

SNRU'S RESERVOIRS



- Nong Bak Dao Reservoir
- Nong Hai Reservoir 1
- Nong Hai Reservoir 1
- Nong Ya Sai Reservoir

Capacity of Rainwater Collection



163,150 CUBIC METERS

SOURCED FROM RAINWATER COLLECTED IN RESERVOIRS

CAMPUS DRINKING WATER ACCESSIBILITY

FREE DRINKING WATER STATIONS ACROSS THE CAMPUS

100



WATER QUALITY STANDARDS COMPLIANCE

MEET THE THAI INDUSTRIAL STANDARDS FOR TYPE 2 DRINKING WATER



CONSUMPTION OF TREATED WATER



129,044 CUBIC METERS



PREVENTING WATER SYSTEM POLLUTION

Sakon Nakhon Rajabhat University (SNRU) implements a dedicated water pollution control program on campus, integrating field monitoring with formal reporting. The program uses a hands-on approach to water quality management, with university staff actively collecting water samples from campus water bodies and inspecting drainage channels. This practical engagement ensures continuous monitoring and compliance with environmental standards, providing an evidence-based overview of the university's water management efforts.

ผู้ตรวจสอบ : นายสุภากรธรรม วรรณ, นายสุวิทย์ ชาติโคตร, นายสุวิทย์ วัฒนสุภา, นายอนันต์สิทธิ์ ใสศรี

ผลการทดสอบ

รายการทดสอบ	หน่วย	ผลการทดสอบ	วิธีทดสอบอ้างอิง ¹⁾
ความเป็นกรด-ด่าง (pH)	pH at 25°C	7.5	Electrometric Method
บีโอดี (BOD)	มก./ลบ.	78	Incubate at 20 °C, 5 days and Azide Modification
ของแข็งแขวนลอยทั้งหมด (TSS)	มก./ลบ.	27	Dried at 103-105 °C
ของแข็งละลายได้ทั้งหมด (TDS)	มก./ลบ.	431	Dried at 180 °C
ออกซิเจนละลายในน้ำ (DO)	มก./ลบ.	0.50	Schlotz Extraction and Gravimetric Method
น้ำมันและไขมัน (Fat Oil and Grease)	มก./ลบ.	ไม่พบ	Bruine Method Iodometric Method
ซัลไฟด์ (Sulfide)	มก./ลบ.	0.063	Iodometric Method

หมายเหตุ: ¹⁾ Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition, 2017
²⁾ ค่ามาตรฐานอ้างอิงจากประกาศกระทรวงสาธารณสุขเรื่องมาตรฐานน้ำดื่มและน้ำบริโภค พ.ศ. 2562

~End of Report~

ลงชื่อ (นายสุวิทย์ วัฒนสุภา) ผู้ตรวจสอบ

ลงชื่อ (นายสุวิทย์ ชาติโคตร) ผู้ตรวจ

สำนักงานสิ่งแวดล้อมและที่ปรึกษา

WATER MANAGEMENT EDUCATIONAL OPPORTUNITIES



ENHANCING WATER MANAGEMENT SKILLS THROUGH PRACTICAL EDUCATION

Sakon Nakhon Rajabhat University (SNRU) offers comprehensive educational opportunities in water management to its public health science students, with a focus on developing practical, hands-on skills. The program, led by experienced faculty from the Faculty of Science and Technology, trains third-year public health science students in field and laboratory techniques essential for environmental health. This training includes practical exercises in collecting surface and groundwater samples from the surrounding areas of the campus. Students are taught to use scientific equipment for water quality analysis, both in the field (as shown during group training sessions) and within the university's advanced laboratory facilities. By integrating fieldwork, scientific instrumentation training, and laboratory analysis, SNRU ensures that its students gain the professional competencies necessary for careers in environmental and public health monitoring.

