

STOCKTON UNIVERSITY MARINE FIELD STATION INSPECTION REPORT

Inspection Date(s):	18 April 2024	Inspection Announced: No
Facility or Site Name:	Stockton University (Marine Field Station)	
Facility/Site Physical Location:	33 Wilson Ave	
(city, state, zip code)	Port Republic City, NJ 08241	
Mailing address (if different from above):		
Facility/Site Contacts:	Elizabeth Bick Zimmermann Professional Services Specialist Elizabeth.Zimmermann@stockton.edu 609-652-4486	
Website:	https://stockton.edu/marine/	
RCRA ID Number:	NJR000022723	
Latitude, Longitude:	39.53586, -74.46432	
Facility/Site Personnel Participating in Inspection:		
Elizabeth Bick Zimmermann	Professional Services Specialist	
Amber Berry	Manager of EHS, Stockton U	(609) 626-6026 Amber.Berry@stockton.edu
Facility/Site Personnel Unavailable During Inspection:		
Inspector(s):		
Carl F. Plössl	US EPA, Enforcement Officer/Engineer	Plossl.Carl@epa.gov (212) 637-4088
Additional Inspection Report Elements:	Photos - STOCKTON UNIVERSITY MARINE FIELD STATION INSPECTION REPORT PHOTO ALBUM.pptx Stockton University Marine Field Station Safety and Operational Procedures	
Inspection Report Author:		
Carl F. Plössl	CARL PLOSSL Digitally signed by CARL PLOSSL Date: 2024.06.25 16:25:33 -04'00'	
Supervisor		
Leonard Grossman	LEONARD GROSSMAN Digitally signed by LEONARD GROSSMAN Date: 2024.06.25 16:38:28 -04'00'	

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SECTION I – INTRODUCTION

Purpose of the Inspection Objective

A Compliance Evaluation Inspection (CEI) was conducted to determine the facility's compliance with the Resource Conservation and Recovery Act (RCRA) requirements for hazardous waste management.

Background

The facility has been previously inspected for RCRA compliance by the state in 2015, and EPA in 2004, with a finding of no action, and has had a notification history as a small quantity generator (last notification in 5 May 2021 as a SQG). A review of the facility's waste manifest records shows a generator status of VSQG. The facility is not in an environmental justice area. The facility is in an extreme flood risk area.

Notification History:

Dat...	Q	Source	Status	Q
5/5/21		Notification	SQG	
8/4/15		Notification	SQG	
1/1/07		Implementer	SQG	
1/1/06		Implementer	SQG	
1/20/98		Notification	SQG	

Facility Name: Stockton University
33 Wilson Ave, Port Republic City, NJ 08241
County: Atlantic
FRS: 110004260497
Inspection Required?: no
Reason Required: N/A
Gen. Status calculated by EPA: VSQG
Generator Status in RCRAInfo: SQG
TSDF?: no
Most Recent RCRA Inspection: 4/18/2024
Last EPA Inspection: 4/18/2024
Last State Inspection: 1/12/2015
Last Record Review:
Federal Facility?: no
Federal Agency Name:
Is the facility a LQG, but did not submit a Biennial Report?: no
LQG not inspected in the past 5 years?: no
Most recent activity (enf action or inspection) was an informal EA?: no
Hot Spot Class:
Flood Risk: extreme
RSEI Score:
NAICS: 611310 Colleges, Universities, and Professional Schools
In EJ area: no
CAA Permit Types:
Last EPA formal EA?:
Last EPA informal EA :
Last state formal EA:
Last state informal EA :
Last CAA inspection:
Last CWA inspection:
Last Notification: 5/5/2021
Financial Assurance Required?: no

Opening Conference

18 April 2024. I, EPA Region 2 RCRA inspector Plössl, along with Stockton University's Manager of Health and Safety Amber Berry, arrived at the University's Marine Field Station at ~3:06 pm for an inspection. This inspection was conducted in conjunction with a same-day unannounced inspection of the main campus. Ms. Berry introduced me to Elizabeth Bick Zimmermann, Professional Services Specialist. Specialist Zimmermann was familiar the nature of compliance inspections and somewhat with those conducted pursuant to RCRA federal and state hazardous waste regulations. We discussed the facility past and current operations, waste management and disposal practices, and the nature of RCRA inspections.

We then began a walk through and inspection of the Buildings 501 and 505.

Facility/Site Description

From Stockton U ([www.stockton.edu/marine/documents/safety/Stockton MOSOP V6 2021.pdf](http://www.stockton.edu/marine/documents/safety/Stockton_MOSOP_V6_2021.pdf)):

The Stockton University Marine Field Station (MFS) is located on an 8-acre parcel in Port Republic, New Jersey and is a support facility for the School of Natural Sciences and Mathematics. The location of the MFS is central to its

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offerings; less than 15 minutes from the Galloway campus and only 30 minutes from the Atlantic City campus. The facility is located within the Jacques Cousteau National Estuarine Research Reserve, one of the most pristine coastal bay and river systems in the Mid-Atlantic region of the United States. The MFS is unique in its regional location, proximity to campus, primarily undergraduate status and impressive array of physical resources to support the teaching and research programs. The facility plays a significant role in the University's ability to attract top students in the marine and environmental science fields. The MFS programs provide laboratory facilities, professional staff support, research vessels, sampling equipment, and marine technology to fulfill the teaching, research and community service missions of the University in the area of marine science.

In addition to housing the University's marine operations and academic support programs for marine science, the MFS is also the physical site of the Coastal Research Center (CRC). The MFS and the CRC serve similar but distinct roles to the University and the region; the MFS as a primarily academic support program (teaching and research) and the CRC a service-oriented research center for coastal municipalities and the State of NJ. The MFS management team reports directly to the NAMS Administration and has ultimate oversight for the physical facility, including the marine operations via the Marine Operations Standard Operating Procedures (MOSOP) contained in this document. The CRC has direct oversight of CRC safety programs for non-vessel-based field work (*i.e.* beach and land-based operations).

The Marine Field Station is a compound of several structures located on both sides of Wilson Avenue in Port Republic, NJ:

- Building 504 (Field Station Management)
 - 30 Wilson Ave Port Republic, NJ 08241
 - 609-652-4486
- Building 501 (Research and Teaching Lab)
 - 33 Wilson Ave Port Republic, NJ 08241
 - 609-652-6458
- Building 508 (Coastal Research Center)
 - 33 Wilson Ave. Port Republic, NJ 08241
 - 609-652-4245



According to Specialist Zimmermann:

- General
 - Specialist Zimmermann has worked here some 32 years
 - Facility operates as a small quantity generator (but is a VSQG)
- Very small quantities of generated hazardous wastes primarily consist of ignitable wastes, ethyl alcohol and formaldehyde from Chemical Oceanography classes; corrosive wastes, nitric acid from Marine Chemistry classes; and the occasional various commercial products that have been determined to be waste as spill clean-up or out-of-date, and returns.
 - Waste codes from manifests: D001 Ignitable Waste, D002 Corrosive Waste, D003 Reactive Waste, D007 Chromium, & D011 Silver

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- Specific hazardous waste constituents regularly generated: see STOCKTON UNIVERSITY MARINE FIELD STATION INSPECTION REPORT PHOTO ALBUM.pptx
 - Spent fluorescent lamps (LED lamp replacement program several years ago)
 - Spent high intensity lamps
 - Old paints and spent cleaning and painting solvents
 - Spent aerosol cans
 - Spent lead acid, NiCd, and lithium batteries
 - E-wastes
- Other regulated wastes
 - Used oil
 - Spent fluorescent lamps
 - E-wastes
- Waste dispositions
 - Hazardous waste from lab operations picked up and hauled directly
 - Universal waste picked up and managed by University (main campus)
 - Used oil picked up and managed by University (main campus)
- Facility is operating as a small quantity generator. In 2023 and 2024, the facility averaged well below 100-lbs/month.
- Additional records requested during inspection:
 - None
- Additional records/information requested by phone/email after inspection:
 - None yet

Stockton U Marine Campus											
Manifest Date	Waste Qty Units	Waste (kg)	Waste Codes	TSDF ID	MTN*	Total Waste/ shipment	Units	lbs/ month			
12/14/2023	50 Pounds	23	D001	ARD069748192	018280484FLE	60 lbs		5 lbs			VSQG
12/14/2023	6 Pounds	3	D001 D002 D007 D011	ARD069748192	018280484FLE						
12/14/2023	4 Pounds	2	D002	ARD069748192	018280484FLE						
12/21/2022	15 Pounds	7	D001	ARD069748192	017415539FLE	26 lbs		1 lbs			VSQG
12/21/2022	3 Pounds	1	D001 D002	ARD069748192	017415539FLE						
12/21/2022	3 Pounds	1	D001 D003	ARD069748192	017415539FLE						
12/21/2022	5 Pounds	2	D001 D011	ARD069748192	017415539FLE						
12/20/2019	15 Pounds	7	D001	ARD069748192	014205751FLE	40 lbs		lbs			VSQG
12/20/2019	25 Pounds	11	D001 D007 D011	ARD069748192	014205751FLE						

SECTION II – OBSERVATIONS

The accompanying document is the complete set of inspection observations made during the facility walkthrough with Risk Manager Berry and Spec. Zimmermann: STOCKTON UNIVERSITY MARINE FIELD STATION INSPECTION REPORT PHOTO ALBUM.pptx

SECTION III – AREAS OF CONCERN

Concerns

One minor issue was noted:

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- In Building 505, Repair Shop, it appeared that marine flares, of an indeterminant age, were stored in a “milk crate” and a cardboard box next to combustible materials and adjacent to flammable material storage (see below photo).

Closing Conference

Discussions were deferred to a later closing conference covering both the Field Station and the Main Campus.

ATTACHMENTS:

- **INSPECTION PHOTOGRAPHS:** See STOCKTON UNIVERSITY MARINE FIELD STATION INSPECTION REPORT PHOTO ALBUM.pptx
- Stockton University Marine Field Station Safety and Operational Procedures

FOLLOW UP EMAILS: None yet

PROVIDED RECORDS: None yet

