EXEMPTION NOTICE FORM

University of Hawaii at Manoa, Office of Project Delivery
2002 East-West Road
Honolulu HI, 96822

TO: 1. Agency-Maintained Public Files for Chapter 343 HRS Exemption Determinations
   2. Office of Planning and Sustainable Development Environmental Review Program
   3. [Applicant, if applicable]

FROM: Nelson Lee, Director, UH Office of Project Delivery

SUBJECT: Exemption Notice for Waikiki Aquarium Sanitary Sewer System Flow Meter Installation (Include any internal reference/file #)

DATE: 11/23/2021

AGENCY OR APPLICANT ACTION

Check applicable box

☒ This exempted action is an agency action as defined by Section 343-5(b), Hawai‘i Revised Statutes (HRS), and Section 11-200.1-8, Hawai‘i Administrative Rules (HAR),

☐ This exempted action is an applicant action as defined by Section 343-5(e), HRS, and Section 11-200.1-9, HAR

EXEMPTION TYPE:

The Exemption Notice for the action described below is based on the general types enumerated in Section 11-200.1-15(c), Hawai‘i Administrative Rules (HAR), Exemption Type ___5___.

As applicable, the exemption for the action described below is also supported by the Exemption List for the University of Hawaii, reviewed and concurred to by the Environmental Council on 3/14/2001.

- Exemption List Class ___5____.
- Item Number ___3___.
- Applicable language from the exemption list: Basic data collection, research, experimental management, and resource and infrastructure testing and evaluation activities that do not result in a serious or major disturbance to an environmental Resource. (3) Topographic, land use, soils and drainage surveys.

DESCRIPTION OF ACTION

Proposing Agency or Applicant: University of Hawaii Office of Project Delivery
Project Name & Address/Location: Waikiki Aquarium Sanitary Sewer System Flow Meter Installation / Waikiki Aquarium / 2777 Kalakaua Ave, Honolulu, HI 96815

Rev. 5/21
Anticipated Start Date: 6/30/2022
Anticipated End Date: 10/31/2022
Island and District: O‘ahu Honolulu
Tax Map Key(s) and other geolocation means: (1) 3-1-031:006
All Necessary Permits and Approvals: Special Management Area MINOR

NARRATIVE
Describe the action and why it qualifies for the exemption: The proposed action involves modification to the existing sanitary sewer system to install three (3) flow meters for basic data collection to determine discharge into the sanitary sewer system. The flow meters are being installed to comply with CCH ENV IWDP No. 2021001R-001, which required WAg to install flow meters to monitor industrial discharge from its exhibits to the City sewer system (IWDP No. 11). Based on the SMA Permit Determination (2021/ELOG-2021(JS)), Flow Meters #3 and #4 and appurtenant are above ground fixtures less than four feet in height along existing corridors; therefore, they are not considered development and not included in this SMA Minor Permit. After the issuance of the Permit Determination, CCH ENV has agreed with the request that Flow Meter #4 not be installed because of low flow, which will be reflected in a revision to the IWDP. Flow Meters No. 1 and 2 are considered development as defined by ROH Chp 25-1.5(1)(E), and therefore an SMA minor permit will be obtained for their installation. The modification of the sanitary sewer and installation of Flow Meters #1 & #2 will require approximately 180 LF of excavation/trenching and installation of new underground piping, five (5) lateral connections, two meter-manholes, and approximately 30 LF of excavation/trenching for the installation of electrical conduit. The construction area of the new underground utilities and flow meters is located within the interior driveway of the Waikiki Aquarium (see attached Figures). A temporary 25-ft x 25-ft staging area is designated just north of Flow Meters #1 and #2 on concrete slab over the existing underground wastewater holding tank adjacent the Electrical room. Flow meter #3 is an inline 1.5-inch flow meter installed above ground to monitor the discharge flow from the Coral Farm Tank located on the south side of the project site.

RECEIVING ENVIRONMENT
Describe the site, including any impacts on the receiving environment: The Waikiki Aquarium is located on the south shore of O‘ahu next to the Waikiki Natatorium War Memorial and Kaimana Beach Park. Just offshore of the Aquarium is a Marine Life Conservation District (MLCD) that is managed by the Department of Land and Natural Resources Division of Aquatic Resources. The MLCD extends from the groin at the end of Kapahulu Avenue to the ewa (west) wall of the Natatorium, and from the Waikiki Aquarium seawall out to 500 yards or to the edge of the fringing reef, whichever point is further. The waters within the MLCD are classified as Class AA waters. Installation of the flow meters will not discharge any water into the ocean or MLCD. Proper construction BMPs will be implemented in accordance with all applicable laws and regulations to prevent runoff and minimize dust, noise, and disturbances. Many other underground utilities exist in the area. At the end of construction, a final clean up shall remove all temporary equipment and materials and restore the site as close as possible to the original condition. Therefore, minimal impacts to the receiving environment are expected.
ENVIRONMENTAL ANALYSIS

I have considered the potential effects of the proposed project and all related activities against the criteria checked below:

- Land Use and Zoning Conformance
- Traffic (Vehicles, Bicycles, Pedestrian)
- Infrastructure (Roads, Buildings, Utilities)
- Air Quality Pollutant Emissions
- Noise Emissions
- Solid, Hazardous, and Liquid Waste Management
- Social
- Economic
- Health and Safety
- Recreation
- Public Beach Access
- Cultural Resources and Practices
- Visual/Aesthetic
- Environmental Justice
- Rare, Threatened, and/or Endangered Species
- Surface and Ground Water Resources
- Wetlands
- Floodplains
- Riparian/Coastal Resources
- Other

Comments/summary of impact analysis: The impact analysis of installing three sanitary sewer flow meters will not result in a major disturbance to an environmental resource. Many underground utilities already exist in the area.

MITIGATION

Describe all mitigation measures and best management practices planned to address impacts during the project activities and after project completion: The contractor shall follow the guidelines in the “Best Management Practices Manual for Construction Sites in Honolulu”, dated November 2011 in developing, installing, and maintaining the BMPs for the project and all other applicable Federal, State, and local laws. A spill control and prevention plan will be in place and the contractor shall keep the project area and surrounding area free from rubbish, dust, noise, erosion, etc. The work shall be done in conformance with the air and water pollution control standards and regulations of the State of Hawaii Department of Health. See Sheet T-2 in the attached construction plans for the flow meters. At the end of construction, a final clean up shall remove all temporary equipment and materials and restore the site as close as possible to the original condition or better.
CONSULTATION
The following parties have been consulted about this declaration exemption (Name, affiliation, consultation date): City and County of Honolulu, SMA Determination (November 3, 2021 2021/ELOG-2021(JS)

EXEMPT DECLARATION
The direct, cumulative, and potential impacts of the action described above have been considered pursuant to Chapter 343, Hawai‘i Revised Statutes and Chapter 11-200.1, Hawai‘i Administrative Rules. I declare that the action described above will have minimal or no significant impact on the environment and is therefore exempt from the requirement to prepare an environmental assessment.

Signature of Director or Delegate Date

This document is to be kept on file in the agency’s records and made available for public review

☑ Please check here if this document is being submitted to the Office of Environmental Quality Control for voluntary publication in The Environmental Notice
FIGURE 9: SEWER MODIFICATION & FLOW METERS
Figure 3 - Photo of Flow Meter Locations 1 and 2
Figure 4: Photo of Flow Meter #3
WAIKIKI AQUARIUM
MODIFICATION TO SANITARY SEWER & INSTALLATION OF FLOW METERS
WAIKKI AQUARIUM MODIFICATIONS TO SANITARY SEWER & INSTALLATION OF FLOW METERS

REVIEW DRAWINGS

OVERALL SITE PLAN
NOTES:

1. LOCATIONS OF UTILITIES AS SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR TO TONE FOR UTILITIES PRIOR TO TRENCHING AND EXERCISE CAUTION DURING EXCAVATION.

2. CONTRACTOR TO PLACE TARPS ON THE GROUND UNDER AND OVER THE TOP OF EXCAVATED MATERIAL.

3. REMOVE ALL CASTING PAVEMENT AS KILLED OR DAMAGED OR REPLACING NEW, WHERE NOT CALLED OUT ON THE PLANS, UNLESS OTHERWISE NOTED.

4. ALL UTILITIES ARE TO BE TONED PRIOR TO STARTING WORK AND合い ARE TO BE PLACED AND BURIED BY THE CONTRACTOR.

5. OVERHEAD TRANSFORMER SHALL BE PLACED AT OPTIONS OF THE OWNER AND CONTRACTOR.

6. REMOVE AND RECONSTRUCT CONCRETE TO EDGE OF EXISTING PAVEMENT IF LESS THAN 2'-0" FROM EDGE OF TRENCH.

7. TIE IN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO SUIT FIELD CONDITIONS AFTER APPROVAL.

8. IN THE EVENT OF UNFORESEEN CONFLICT WITH OTHER UTILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION ON HOW TO PROCEED.
FLOW METER #1 PLAN

FLOW METER #1 SECTION

FLOW METERS #1 & #2 TRANSMITTERS & REMOTE MONITORING DEVICE DETAIL