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R. M. TOWILL CORPORATION  
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LAND USE COMMISSION  
STATE OF HAWAII

2021 JUL 15 A 9:41

July 7, 2021

Mr. Daniel E. Orodenker, Executive Officer  
State of Hawai'i Land Use Commission (LUC)  
Department of Business, Economic Development & Tourism  
P.O. Box 2359  
Honolulu, Hawai'i 96804-2359

Dear Mr. Orodenker:

**2020 Annual Report for LUC Docket No. SP17-409 / Expansion of Honouliuli Wastewater Treatment Plant for Secondary Treatment and Support Facilities  
'Ewa, O'ahu, Hawai'i  
Tax Map Key: [1] 9-1-069: 003 (por.) and 004**

On behalf of the City and County of Honolulu (CCH), Department of Environmental Services (ENV, Petitioner), we are correcting information from our previous Annual Report letter dated June 25, 2021. For line item 3, progress report, the Draft EA is expected to be published by the end of 2021 not 2020. The revised information is highlighted below.

The following information summarizes the Petitioner's progress in complying with conditions of State of Hawai'i Land Use Commission (LUC) Docket No. SP17-409, dated December 8, 2017. The LUC conditions are provided below (*in italics*) followed by the Petitioner's response:

1. *Prior to building permit approval for any new structures within the Petition Area or within 180 days of the LUC's Decision and Order, whichever occurs first, Petitioner shall submit to the DPP for review and approval, the following:*
  - a. *A survey map accompanied by a metes and bounds description of the approved SUP area. Both the metes and bounds survey map and description shall be signed and stamped by a registered professional land surveyor. A copy of the map and description shall also be provided to the LUC.*

Progress Report:

A survey map accompanied by a metes and bounds description of the approved SUP area was submitted to the LUC on March 1, 2018.

- b. *A Lighting Plan with catalog cuts showing exterior fixtures are fully shielded and that the level of lighting in lumens is appropriate for its intended use. The*

*State Land Use District Boundary Amendment due to unforeseen circumstances that were beyond the control of Petitioner. Concurrently with the filing of the Petition for State Land Use District Boundary Amendment, Petitioner shall file with the LUC a motion to amend the Findings of Fact, Conclusions of Law, and Decision and Order issued in Docket No. A88-627 to bifurcate the urbanized portion of TMK: 9-1-069: 003 from the docket.*

Progress Report:

On November 6, 2019, the Petitioner filed a petition with the LUC for a State Land Use District Boundary Amendment for the 25.1-acre expansion area on Parcel 003 and the 2.702-acre Parcel 004 from the State Land Use Agricultural District to the State Land Use Urban District and a Motion to Amend Docket No. A88-627. The Petition is assigned Docket No. A19-808. By letter dated December 2, 2019, the LUC requested additional information and clarifications to the petition. The Petitioner is working to complete the requested information and anticipates filing an amended petition in the first half of 2022. Throughout 2020 and 2021, the Petitioner has been working to complete an Environmental Assessment (EA) for the planned addition of a 'Ewa Refuse Convenience Center at the WWTP site and installation of waterline improvements that were not included in the project EIS, but that are located within the petition area. The Draft EA is expected to be published by the end of 2021.

4. *In the event that historic resources, including human skeletal remains, structural remains, cultural deposits, artifacts, sand deposits, or sink holes, are identified during demolition and/or construction activities, all work shall cease in the immediate vicinity of the find, the find shall be protected from additional disturbance, and the SHPD and O'ahu Island Burial Council shall be contacted immediately. Without any limitation to any other condition found herein, if any burials or archaeological or historic sites are discovered during the course of construction within the Petition Area, all construction activity in the vicinity of the discovery shall stop until the issuance of an archaeological clearance from the SHPD that mitigation measures have been implemented to its satisfaction.*

Progress Report:

The Petitioner acknowledges this condition.

5. *Petitioner shall establish the Project by June 1, 2022. Project establishment shall be defined as the date a contractor has mobilized on site and started construction activities within the Petition Area. Requests for extension of this deadline shall be submitted to the Planning Commission prior to the expiration of the deadline. The Planning Commission with the approval of the LUC may grant a one-time extension to the start deadline of up to three years, but not beyond June 1, 2025, due to unforeseen circumstances that were beyond the control of Petitioner.*

Progress Report:

The Petitioner acknowledges this condition.

*should not be revoked if the Planning Commission has reason to believe that there has been a failure to perform the conditions imposed herein.*

Progress Report:

The Petitioner acknowledges this condition.

*11. Petitioner shall enter into an MOA between the DOT, Airport Division, and the DES with respect to aviation and wildlife management requirements to address safety concerns for flight operations at the Daniel K. Inouye International and Kalaeloa Airports. The MOA shall run with the land and shall be recorded, with the Bureau of Conveyances of the State of Hawai'i, and if appropriate, the Office of the Assistant Registrar of the Land Court of the State of Hawai'i.*

Progress Report:

The Petitioner completed an avifauna hazard assessment of the facility in 2020 and is continuing to work with DOT Airports Division to comply with this condition. Currently, representatives from the City and County of Honolulu Corporation Counsel and the State Attorney General's office are communicating on this matter.

Should there be any questions regarding this submittal, please contact the undersigned at (808) 842-1133.

Very truly yours,



James Niermann, AICP, LEED AP BD+C  
Planning Project Coordinator

Enclosure

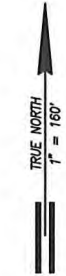
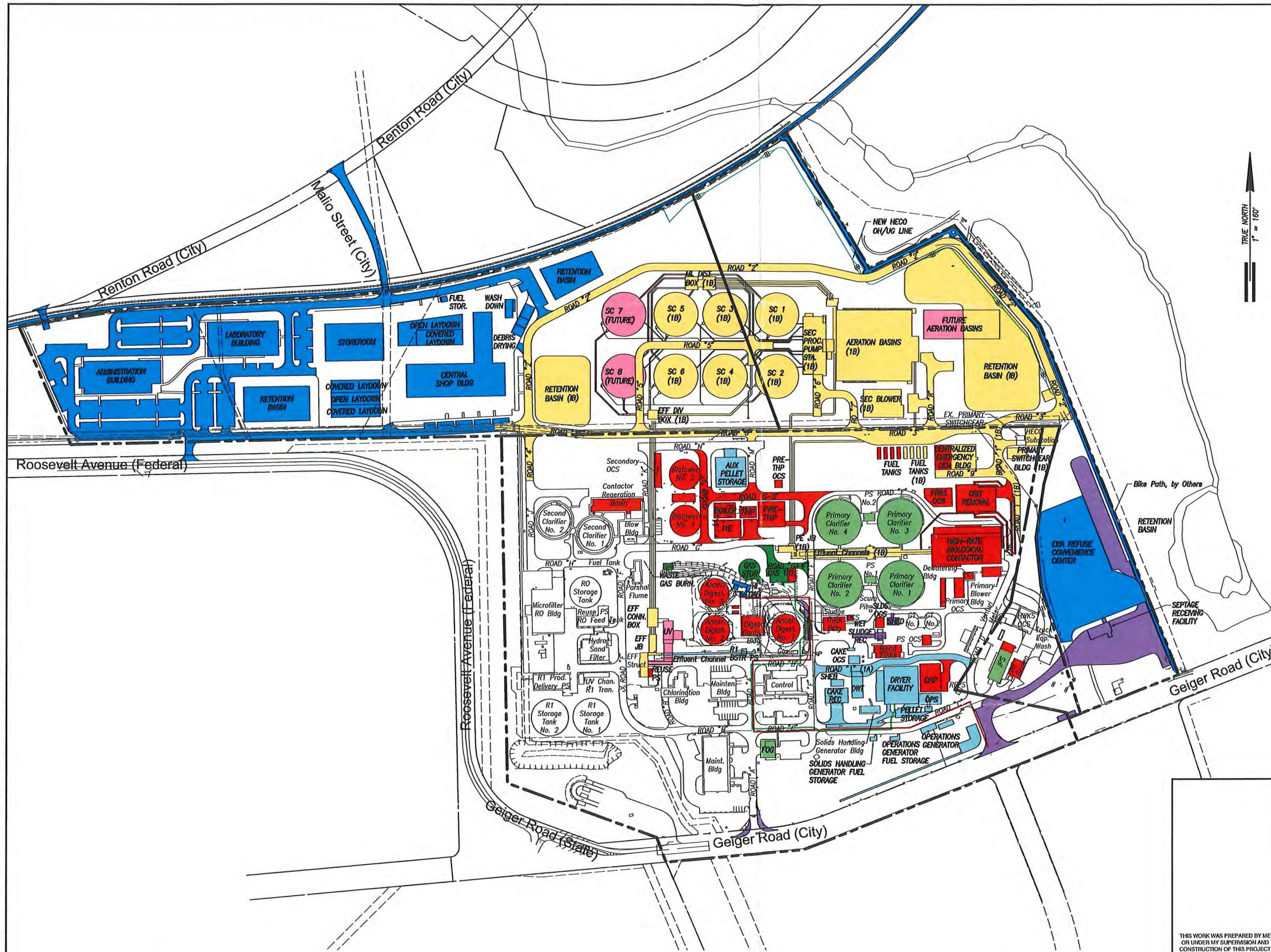
2021 Updated Site Plan for the Honouliuli Wastewater Treatment Plant Secondary Treatment and Support Facilities

JAN/mm:

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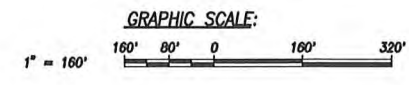
cc: Dean Uchida, Director, CCH DPP  
Raj Rath, P.E., CCH ENV  
Jaime Nishikawa, P.E., RMTTC

Tue, 15 Jun 2021 - 8:56am  
 C:\Vault\Workspace\Projects\HL\W\TP\01 PDW\Draws\Construction\Draws\Gen\G20-Phase (UPGRADE) P\landwg



- UPGRADE PHASE 2**
1. NEW SEPTAGE RECEIVING FACILITY
  2. NEW WET SLUDGE RECEIVING FACILITY
- PHASE 1A - SECONDARY SOLIDS**
1. NEW DRYER FACILITY
  2. UPGRADE CENTRIFUGES
  3. NEW CAKE RECEIVING FACILITY
  4. NEW CAKE OCS
  5. NEW SOLIDS HANDLING ELECTRICAL BLDG. (SHEB)
  6. NEW DEWATERING BLDG. (DWT)
  7. NEW PELLET STORAGE
  8. NEW AUX PELLET STORAGE
  9. NEW FUEL STORAGE FOR SOLIDS HANDLING GENERATOR
  10. NEW OPERATIONS GENERATOR
  11. FUEL STORAGE FOR OPERATIONS GENERATOR
  12. NEW OPERATIONS BLDG. (OPS)
  13. NEW R1 BOOSTER PUMP STATION
  12. DEMOLISH EFFLUENT CHANNEL, GT 3 & 4, HEAT EXCHANGERS, CHEMICAL STORAGE, SOLIDS OCS, THERMAL CONDITIONING BLDG., DEWATERING BLDG., AND INCINERATOR BLDG.
- PHASE 1B - SECONDARY INCREMENT 1 COMPLIANCE**
1. NEW AERATION BASINS
  2. NEW SECONDARY CLARIFIERS (SC)
  3. NEW SECONDARY BLOWER/ELECTRICAL BLDG.
  4. NEW ML DISTRIBUTION BOX
  5. PRIMARY EFFLUENT CHANNEL / JUNCTION BOX MODIFICATIONS
  6. NEW EFFLUENT CHANNEL BOX (EFF DIV BOX)
  7. NEW SECONDARY DUAL EFFLUENT LINES
  8. NEW EFFLUENT CONNECTION BOX (EFF CONN. BOX)
  9. EFFLUENT JUNCTION BOX MODIFICATIONS (EFF JB)
  10. HECO SUBSTATION UPGRADES
  11. NEW CENTRALIZED GENERATOR BLDG. AND FUEL STORAGE
  12. NEW PRIMARY SWITCHGEAR BLDG.
- BIOGAS CLEANING AND STORAGE SYSTEM**
1. NEW GAS TREATMENT FACILITY
  2. NEW DIGESTER GAS STORAGE
  3. NEW WASTE GAS BURNERS
- PHASE 1C - SECONDARY INCREMENT 2**
1. EXPANSION AND UPGRADE OF INFLUENT SCREENING CHANNELS
  2. REHABILITATION OF EX. PRE-AERATION TANKS AND AERATED GRIT CHAMBERS
  3. CONVERT PRE-AERATION BASINS TO NEW HIGH RATE BIOLOGICAL CONTACT FACILITY
  2. NEW 5TH HIGH RATE BIOLOGICAL CONTACT TANK
  3. INSTALL NEW GENERATORS INSIDE CENTRALIZED EMERGENCY GENERATOR BUILDING
  4. NEW GRIT REMOVAL FACILITY
  5. NEW PRIMARY OCS
  6. UPGRADE PRIMARY BLOWER BLDG.
  7. UPGRADE BLEND TANKS
  8. NEW SOLIDS OCS
  9. UPGRADE DIGESTERS
  10. NEW THERMAL HYDROLYSIS FACILITY
  11. NEW HEAT EXCHANGERS, CHILLERS, BOILER BUILDING, DIGESTED SLUDGE STORAGE, GENERATOR AND OCS
  12. NEW COMBINED HEAT AND POWER FACILITY
  13. NEW R3 WATER PUMP STATION
  14. DECOMMISSION BIOTOWER PUMP STATION, BIOTOWERS, CONTACT TANK, SECONDARY OCS, GRAVITY BELT THICKENERS AND OCS
- PHASE 1D - EXPANSION PACKAGE**
1. INFLUENT PUMPING STATION UPGRADES
  2. NEW STRUETTE MANAGEMENT
  3. CONVERT PRIMARY CLARIFIERS TO EQUALIZATION TANKS
  4. NEW FOG FACILITY
- LEGEND**
- PHASE 1A (OCT 2018 - JUL 2022)
  - PHASE 1B (DEC 2018 - DEC 2022)
  - BIOGAS FACILITIES (NOV 2022 - NOV 2024)
  - PHASE 1C (JUN 2023 - DEC 2027)
  - PHASE 1D (JUN 2025 - JUN 2028)
  - UPGRADE PHASE 2 (FEB 2019 - DEC 2020)
  - BY OTHERS (JAN 2022 - JAN 2027)
  - PHASE 2 (IF NEEDED)
  - EXISTING HAWAII GAS LINE

**PHASING PLAN**  
 SCALE: 1" = 160'



REVISION	DATE	BRIEF	BY	APPROVED
<b>WASTEWATER DIVISION</b> DEPARTMENT OF DESIGN AND CONSTRUCTION CITY AND COUNTY OF HONOLULU				
<b>PROJECT:</b> HONOLULUI WWTP SECONDARY TREATMENT				
<b>ITEM:</b> PHASING PLAN				
DESIGNED BY:			CHECKED BY:	
DRAWN BY:			SECTION HEAD:	
APPROVED:			BRANCH HEAD:	
SIGNATURE 4/30/18 EXPIRATION DATE OF THE LICENSE			DATE	
<b>JOB NO. W#-##</b>				
FILE CABINET	DRAWER	FILE	PROJECT	FOLDER