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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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June 26, 2018

Via Email and U.S. Mail

Mr. Jelani Shareem
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(Email: shareem.jelani@epa.gov)

Ms. Kate Rao
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75 Hawthorne Street
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**Subject: SEMI-ANNUAL REPORT (January 1, 2018, through June 30, 2018)
Federal Administrative Order of Consent
EPA Docket No. SDWA-UIC-AOC-2017-0002
Pāhala and Nā'ālehu Large Capacity Cesspools**

Dear Mr. Shareem and Ms. Rao:

The County of Hawai'i Department of Environmental Management is submitting this report in accordance with Section VI, Reporting Requirements, of EPA Docket No. SDWA-UIC-AOC-2017-0002, which requires that Semi-Annual Compliance Reports be submitted to the EPA Region 9 Compliance Officer and EPA Region 9 LCC Project Coordinator twice per year.

As per Item 55 of the Administrative Order of Consent, this report covers the period of January 1, 2018, through June 30, 2018.

Due to the separate facilities and multiple milestones, the report has been submitted in a tabular format for clarity and is provided as ATTACHMENT 1.

Should there be any comments or questions on the report, please contact Ms. Dora Beck, P.E., Wastewater Division Chief (808-961-8513 or dora.beck@hawaiicounty.gov), Curtis Bailey, P.E.,

ADMINISTRATIVE ORDER OF CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: January 1, 2018, through June 30, 2018

Pāhala Elderly Apartments Cesspool Replacement Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
September 28, 2018	Replace Pāhala Elderly Apartments with one or more Individual Wastewater Systems (IWS's) and close the existing LCC's	<ol style="list-style-type: none"> 1. Bid Process was completed on 11/30/17. 2. Contractor Award letter issued on 1/4/18. 3. Contract Executed 1/23/18 4. Notice to Proceed issued 1/26/18 with Contract Start Date of 1/29/18 and Completion Date of 7/27/18 (180 consecutive calendar days) 	Contractor to complete work by 7/27/18	Per discussion involving EPA, DOH-WWB and COH-WWD, the IWS will not be required to connect to the new County sewer system when it is installed.
Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
August 27, 2017	Complete Phase 1 Environmental Site Assessment (ESA) and Preliminary Engineering Report (PER)	<ol style="list-style-type: none"> 1. Phase I ESA and PER were transmitted to EPA on 8/25/17. 	None.	Phase I ESA indicated that no further assessment is recommended for the proposed WWTP property.
December 15, 2017	Hold Initial Public Meeting with Affected Community	<ol style="list-style-type: none"> 1. Five (5) "Talk Story" sessions were conducted with the Pahala community from 12/12/17 to 12/14/17. 	None.	Additional public meeting(s) to be planned. Schedule is unknown at this time, but should be prior to EA public comment period.

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Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised Compliance Date of September 10, 2019 via EPA letter dated June 22, 2018	Acquire Land for Pāhala Wastewater Treatment Facility	<ol style="list-style-type: none"> 1. Initial Appraisal Report Completed 3/16/2017. 2. Second Appraisal) was completed on 7/19/17 due to concerns with the original appraisal. 3. Conceptual layout approved by owner May 25, 2018 	<ol style="list-style-type: none"> 1. Complete HRS 343 EA and NEPA prior to acquiring land 2. Complete Boundary and Topographic Surveys 3. Complete Geotechnical studies 4. Re-appraisal of property for new layout. 5. Special Permit as per HAR 15-15 AND HRS 205 for installation of WWTP on Agricultural land 6. Utility subdivision for portion to be utilized for WWTP 7. Acquire land from Kamehameha School via condemnation process. 	Workplan in the process of being revised to reflect revised compliance date.

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Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
September 11, 2018	Complete Environmental Information Document (EID) and submit to EPA	<ol style="list-style-type: none"> 1. Brown & Caldwell (Program Manager for COH), sub consultant Wilson Okamoto, COH-WWD, EPA and ERG participated in conference call on 12/19/17 to discuss roles and details of the EID process. 2. Preparation of draft EA/EID in progress. 3. A Teleconference call with Brown and Caldwell, Wilson Okamoto, COH-WWD, EPA, and ERG held May 10, 2018 to discuss EID progress 4. Additional teleconference call held with Brown and Caldwell, Wilson Okamoto Corp, EPA, and ERG held on June 1, 2018 to discuss pending final updated PER. 	<p>Action Items from 5/10/18 conference call:</p> <ol style="list-style-type: none"> 1. ERG waiting until biological survey completion prior to initiating Section 7 consultation with FWS. 2. EPA R9 to prepare designation letter for ERG 3. ERG to update schedule 4. B&C to provide target dates for Round 2 of Public Outreach 	<ol style="list-style-type: none"> 1. Next conference call currently targeted for July 5, 2018
May 24, 2019	Complete Design of New Collection System	<ol style="list-style-type: none"> 1. Preparing Consultant Contract to begin this scope of work. 	TBD	
September 18, 2019	Complete Design of Pāhala Wastewater Treatment Plant (WWTP)	TBD	TBD	

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Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
May 20, 2021	Complete Construction of Pāhala WWTP	TBD	TBD	Pending WWTP Design Completion
June 30, 2021	Connect Existing Collection System to the New Pāhala WWTP and close existing LCC's.	TBD	TBD	Pending WWTP Construction Completion
December 16, 2021	Replace the Existing Collection System and connect the New Collection System to the New Pāhala WWTP	TBD	TBD	1. Pending Construction Completion of New Collection System 2. Work to include connection of existing properties currently connected to the former C. Brewer system in order to allow abandonment of the existing collection system.
Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
January 4, 2018 (Original AOC)	Complete Phase 1 Environmental Site Assessment (ESA)	1. Phase I ESA of TMK 9-5-011:003 and portion of TMK 9-5-012:002 was completed transmitted to EPA on 10/20/17.	None.	Phase I ESA indicated that no further assessment is recommended for the proposed WWTP property

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Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised Compliance Date of November 27, 2018 via EPA letter dated June 22, 2018	Complete Phase 1 Environmental Site Assessment (ESA)	1. Revision to existing contract to perform Phase 1 ESA on potential alternate property currently in the process of being executed	TBD based on results of the Phase 1 ESA	Workplan in the process of being revised to reflect revised compliance date.
October 5, 2019	Complete Environmental Assessment for Nā'ālehu Wastewater Treatment Plant (WWTP)	1. Preparing Consultant Contract to begin this scope of work.	None.	Pending confirmation of final proposed site location.
May 28, 2018	Hold Initial Public Meeting with Affected Community	1. In depth interviews of 20 individuals as well as evening "talk story" sessions were held during the week of April 9, 2019. 2. While participants accepted the need for the project, there was opposition to the proposed site on a portion of TMK 9-5-012:002 and 9-5-011:003	Follow up session to be scheduled pending evaluation of relocating the WWTP	

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Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
June 27, 2018 (Original AOC)	Acquire Land for Naalehu Wastewater Treatment Facility	1. Appraisal Report has been completed for TMK 9-5-011:003. 2. Offer was made to owner of property planned for effluent disposal and was accepted by 2 of the owners, however, 2 other owners declined.	Acquisition of DLNR property (portion of TMK 9-5-012:002) originally planned for the WWTP facility.	Based on community opposition to the proposed site east of Nā'ālehu as well as the County becoming aware of a change in ownership of properties and establishment of local property managers, the County investigated three (3) additional potential sites.
Revised Compliance Date of June 1, 2020 via EPA letter dated June 22, 2018	Acquire Land for Naalehu Wastewater Treatment Facility	1. County and our consultants are currently evaluating additional sites and have had multiple discussions with the property manager and have conducted two (2) site visits of the area.	Ensure suitability of the potential area for a WWTP.	Workplan in the process of being revised to reflect revised compliance date.
October 25, 2018	Complete Preliminary Engineering Report (PER)	1. PER for original proposed site will need to be modified in the event that location of the WWTP moves. 2. It is currently anticipated that a change in location would not affect meeting the Compliance Date	None.	Pending confirmation of final proposed site location.

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Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
June 28, 2020	Complete Design of Naalehu Wastewater Treatment Plant (WWTP)	TBD	TBD	
July 21, 2020	Complete Design of New Collection System	TBD	TBD	Relocation of the WWTP could result in a requirement for a Sewage Pump Station to convey wastewater to the new proposed site.
February 28, 2022	Complete Construction of the New Nā'ālehu WWTP	TBD	TBD	Pending Design Completion
April 17, 2022	Connect Existing Wastewater Collection System to the new WWTP and close existing LCC's	TBD	TBD	Pending WWTP Construction Completion
September 30, 2022	Replace the existing Collection System with a new Collection System and connect to the new Nā'ālehu WWTP	TBD	TBD	<ol style="list-style-type: none"> 1. Pending Completion of new Collection System Design 2. Work to include connection of existing properties currently connected to the former C. Brewer system in order to allow abandonment of the existing collection system.

ATTACHMENT 1