

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Pāhala Elderly Apartments Cesspool Replacement Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
September 28, 2018 (Original AOC)	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. A septic tank and leach field has been installed and operating. 2. The LCC's have been closed. The backfill completion report was received by the EPA on 6/1/2018. 	None.	Complete.

Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
August 27, 2017 (Original AOC)	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 8/25/2017. 	None.	Complete.
December 15, 2017 (Original AOC)	Hold Initial Public Meeting with Affected Community	<ol style="list-style-type: none"> 1. Initial meetings held 12/12/2017 through 12/14/2017. 2. A July 2020 newsletter was published to provide the community with project updates. 	None.	Complete.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised Compliance Date: June 28, 2021. (per EPA letter dated Oct 29, 2020)	Acquire Land for Pāhala Wastewater Treatment Facility	<ol style="list-style-type: none"> 1. Discussions with landowner continue. Kamehameha Schools to obtain its own appraisal of property. 2. County resolution authorizing eminent domain action complete 10/21/20. Court filing being prepared. 3. SHPD approval of archeological monitoring plan received 11/4/2020. 4. Special permit application package in development. Formal application submittal on hold pending property possession by County. 	<ol style="list-style-type: none"> 1. Geotechnical fieldwork beginning in January 2021. Geotechnical study will include lava tube location analysis, effluent disposal percolation testing and other geotechnical design parameters. 2. Acquire land from Kamehameha Schools via eminent domain. 3. Utility subdivision application submittal on hold pending signature by current property owner or eminent domain action. 4. Special Permit as per HAR 15-15 AND HRS 205 for construction of WWTP on Agricultural land. 	<ol style="list-style-type: none"> 1. Final EA/FONSI required to acquire property. 2. Upon eminent domain action, the County will be able to submit the Special Permit Application. 3. Title will not vest to the County until Final Order of Condemnation.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
September 11, 2018 (Original AOC)	Complete Environmental Information Document (EID) and submit to EPA	<ol style="list-style-type: none"> 1. Final EA published on 3/8/2020. 2. Lawsuit filed in Federal Court. County served on 6/25/2020. 3. No lawsuit filed in State Court. 4. SHPD concurrence with 6E and Section 106 determinations received on 2/20/2020, with modifications to draft AIS required. Final AIS submitted to SHPD on 4/24/2020 completing the historic preservation process. 5. Draft archeological monitoring plan submitted to SHPD on 5/5/2020, approved on 11/4/2020 	<ol style="list-style-type: none"> 1. None 	<ol style="list-style-type: none"> 1. Complete.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
<p>Revised compliance dates: Phase 1 within 15 months of completion of historic preservation process (July 24, 2021), backstop date: June 24, 2021. Phase 2 within 22 months of completion of the historic preservation process (February 24, 2022), backstop date: January 27, 2022. (both per EPA letter dated Sep 9, 2019)</p>	<p>Complete Design of New Collection System</p>	<p>1. Survey completed on all but three properties where right of entry could not be obtained. County to obtain information on remaining three properties. 2. Preliminary horizontal design has begun.</p>	<p>1. Geotechnical fieldwork beginning in January 2021. 2. Vertical and final design.</p>	<p>1. Geotechnical recommendations required for vertical and final design. Geotechnical fieldwork was delayed for SHPD approval of the required archeological monitoring plan. 2. Private lateral inspections deferred to construction contract. 3. Collection system design and construction to occur in two phases.</p>

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised compliance dates: Within 15 months of completion of historic preservation process (July 24, 2021), backstop date: September 2, 2021. (per EPA letter dated Sep 9, 2019)	Complete Design of Pāhala Wastewater Treatment Plant (WWTP)	<ol style="list-style-type: none"> 1. On hold pending geotechnical information. 2. Alternatives under consideration due to potential lava tubes under lagoon area identified by geophysical investigation and estimated total project cost per connection approaching \$240,000 as planned. 	<ol style="list-style-type: none"> 1. Final design after geotechnical investigation is complete. 	<ol style="list-style-type: none"> 1. Geotechnical recommendations required for structural design. Percolation test results needed to confirm site effluent disposal capacity. Confirmation of lava tubes in vicinity of lagoons needed. Geotechnical fieldwork delayed for archeological monitoring plan approval by SHPD.
EPA grant no. XP16942401-6	Grant expires 4/30/24	<ol style="list-style-type: none"> 1. EPA approval of grant extension issued 7/27/20. 	None.	
Revised compliance dates: Within 20 months of WWTP design completion, backstop date: March 9, 2023. (per EPA letter dated Sep 9, 2019)	Complete Construction of Pāhala WWTP	TBD	TBD	<ol style="list-style-type: none"> 1. Pending completion of WWTP design and property acquisition.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised compliance dates: Within 650 calendar days of WWTP and Phase 1 collection system design, backstop date: April 18, 2023. (per EPA letter dated 9/9/19)	Connect Existing Collection System to the New Pāhala WWTP and close existing LCC's	TBD	TBD	<ol style="list-style-type: none"> 1. Pending completion of WWTP and Collection System Phase 1 construction. . 2. Work to include connection of existing properties currently served by the former C. Brewer system to allow abandonment of the existing collection system.
Revised compliance dates: Within 19 months of connecting existing collection system and closing LCCs, backstop date: September 15, 2024. (per EPA letter dated Sep 9, 2019)	Replace the Existing Collection System and connect the New Collection System to the New Pāhala WWTP	TBD	TBD	<ol style="list-style-type: none"> 1. Pending completion of Collection System Phase 2 design and WWTP and Collection System Phase 1 construction. 2. Work to include connection of existing properties currently served by the former C. Brewer system to allow abandonment of the existing collection system.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Pāhala Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised compliance date: In accordance with County Code. (per EPA letter dated Sep 9, 2019)	A minimum of 65 additional properties shall be made accessible to the new collection system, and will be required to connect in accordance with County Code	TBD	TBD	<ol style="list-style-type: none"> 1. Current County Code requires connection within 180 days of official notice. 2. Official notice pending accessibility to the new collection system to the new WWTP.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

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.	Complete.
May 28, 2018 (Original AOC)	Hold Initial Public Meeting with Affected Community	1. Proposed site on TMK 9-5-011:003 and 9-5-012:002 presented to community in sessions held the week of 4/9/2018. Significant opposition to site expressed. 2. New sites evaluated and new preferred site on portions of TMK 9-5-007:016 and 9-5-022:001 presented to the community on 2/26/19. No significant opposition to new site expressed at that time.	None.	Complete.
Revised Compliance Date: June 1, 2020. (per EPA letter dated June 22, 2018)	Acquire Land for Nā'ālehu Wastewater Treatment Facility	1. Appraisal Report completed for TMK 9-5-011:003. 2. Offer was made to owners of TMK 9-5-011:003. Offer was accepted by 2 of the owners, however, 2 other owners declined. 3. Possible alternate sites identified for facility.	1. Acquisition of alternate property for the WWTP and disposal facilities after Final EA and FONSI.	1. Based on community opposition to the proposed site east of Nā'ālehu, a change in ownership of properties and establishment of local property managers, three additional potential sites were investigated. See New Revised Compliance Date below.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
October 25, 2018 (Original AOC)	Complete Preliminary Engineering Report (PER)	1. PER reflecting the new preferred site was transmitted to the EPA on 10/25/18.	None.	Complete.
Revised Compliance Date: November 27, 2018. (per EPA letter dated June 22, 2018)	Complete Phase 1 Environmental Site Assessment (ESA)	1. Phase 1 ESA for new preferred site located SW of the intersection of Hawaii Belt Road & Naalehu Spur Road in Naalehu was transmitted to the EPA on 11/27/18. 2. Phase 1 ESA for potential pump station location on portion of TMK 9-5-008:048 in progress.	1. Complete Phase 1 ESA for potential pump station location on portion of TMK 9-5-008:048.	Complete.
Revised Compliance Date: August 27, 2023. (per EPA letter dated June 1, 2020)	Complete Environmental Assessment for Nā'ālehu Wastewater Treatment Plant (WWTP)	1. Archaeological literature review and AIS plan submitted to SHPD on 10/16/2020 to initiate the 6E process. 2. SHPD approved AIS plan including geotechnical work on 12/1/2020. 3. Section 106 initiation package developed, DOH reviewed, comments being addressed. 3. Draft EA in development. Archeological and biological fieldwork completed.	1. Draft AIS. 2. Complete biological survey report. 3. 6E and Section 106 consultation processes. 4. Section 7 consultation process. 5. Draft EA publication. 6. Public meeting (or virtual engagement format) planned for during Draft EA comment period.	1. The length of time needed to complete the Section 106 consultation process is unknown. 2. COVID-19 may impact in-person public meeting, fieldwork, and access to libraries. 3. Alternatives under consideration due to total cost est. at nearly \$380,000/connection.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
New Revised Compliance Date: August 27, 2023. (per EPA letter dated June 1, 2020)	Acquire Land for Nā'ālehu Wastewater Treatment Facility	TBD	<ol style="list-style-type: none"> 1. Complete HRS 343 EA and state 6E historic preservation processes. 2. Complete utility subdivision process for WWTP parcels after Final EA/FONSI. 3. Obtain Special Permit to allow WWTP in agricultural zone after land acquisition. 	<ol style="list-style-type: none"> 1. The Final EA/FONSI will need to be completed before final site selection is determined and site can be acquired. 2. Geotechnical investigation, including percolation testing, needed to confirm adequate capacity for effluent disposal.
Revised Compliance Date: August 27, 2023. (per EPA letter dated June 1, 2020)	Complete Design of Nā'ālehu Wastewater Treatment Plant (WWTP)	TBD	TBD	<ol style="list-style-type: none"> 1. Topographic survey and geotechnical study needed for design.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised Compliance Date: August 27, 2023. (per EPA letter dated June 1, 2020)	Complete Design of New Collection System	TBD	TBD	<ol style="list-style-type: none"> 1. Due to topography, a sewage pump station and force main may be included in the new collection system. 2. The new collection system will be designed and constructed in two phases.
Revised Compliance Date: August 27, 2023. (per EPA letter dated June 1, 2020)	Complete Construction of the New Nā'ālehu WWTP	TBD	TBD	<ol style="list-style-type: none"> 1. Pending completion of WWTP design and property acquisition.
Revised Compliance Date: August 27, 2023. (per EPA letter dated June 1, 2020)	Connect Existing Wastewater Collection System to the new WWTP and close existing LCC's	TBD	TBD	<ol style="list-style-type: none"> 1. Pending WWTP and Collection System Phase 1 (including required sewage pump station and force main) construction complete. 2. Includes connection of adjacent properties (Ph.1) currently served.

ATTACHMENT 1

**ADMINISTRATIVE ORDER ON CONSENT
DOCKET SDWA-UIC-AOC-2017-0002
NĀ'ĀLEHU AND PĀHALA LARGE CAPACITY CESSPOOLS
SEMI-ANNUAL REPORT: July 1, 2020, through December 31, 2020**

Nā'ālehu Community Cesspool Closure Project				
Compliance Date	Milestone	Current Status	Pending Actions	Comments
Revised Compliance Date: August 27, 2023. (per EPA letter dated June 1, 2020)	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 Collection System Phase 2 design and WWTP and Collection System Phase 1 construction. 2. Work to include connection of Phase 2 adjacent existing properties currently served by the former C. Brewer system to allow abandonment of the existing collection system.

ATTACHMENT 1