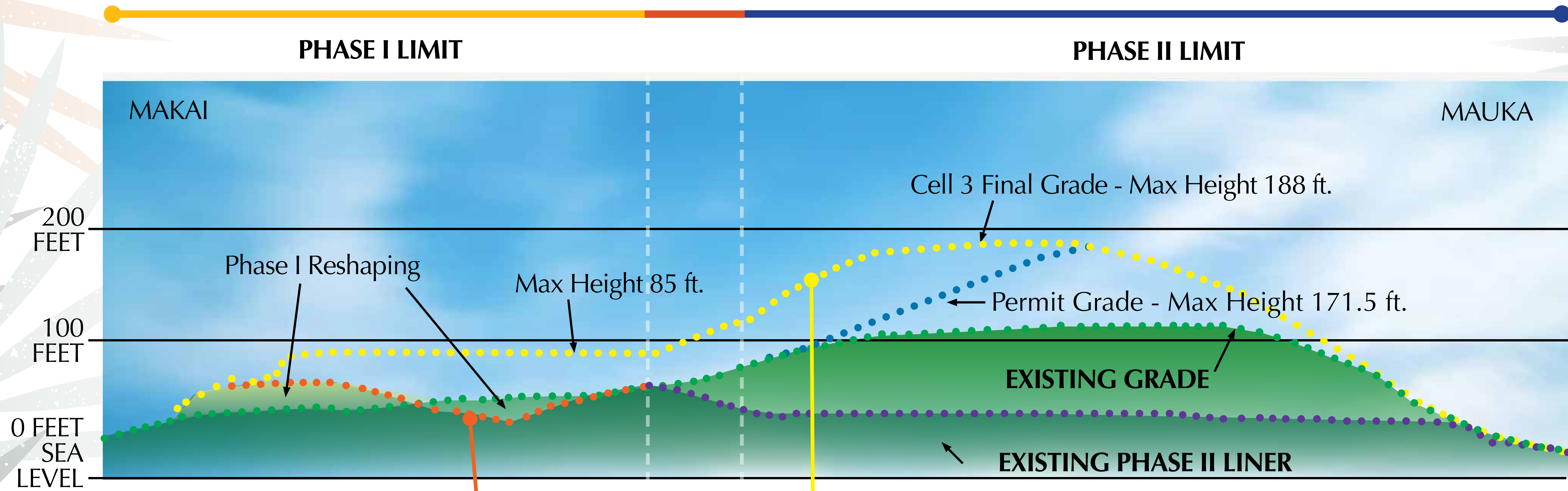


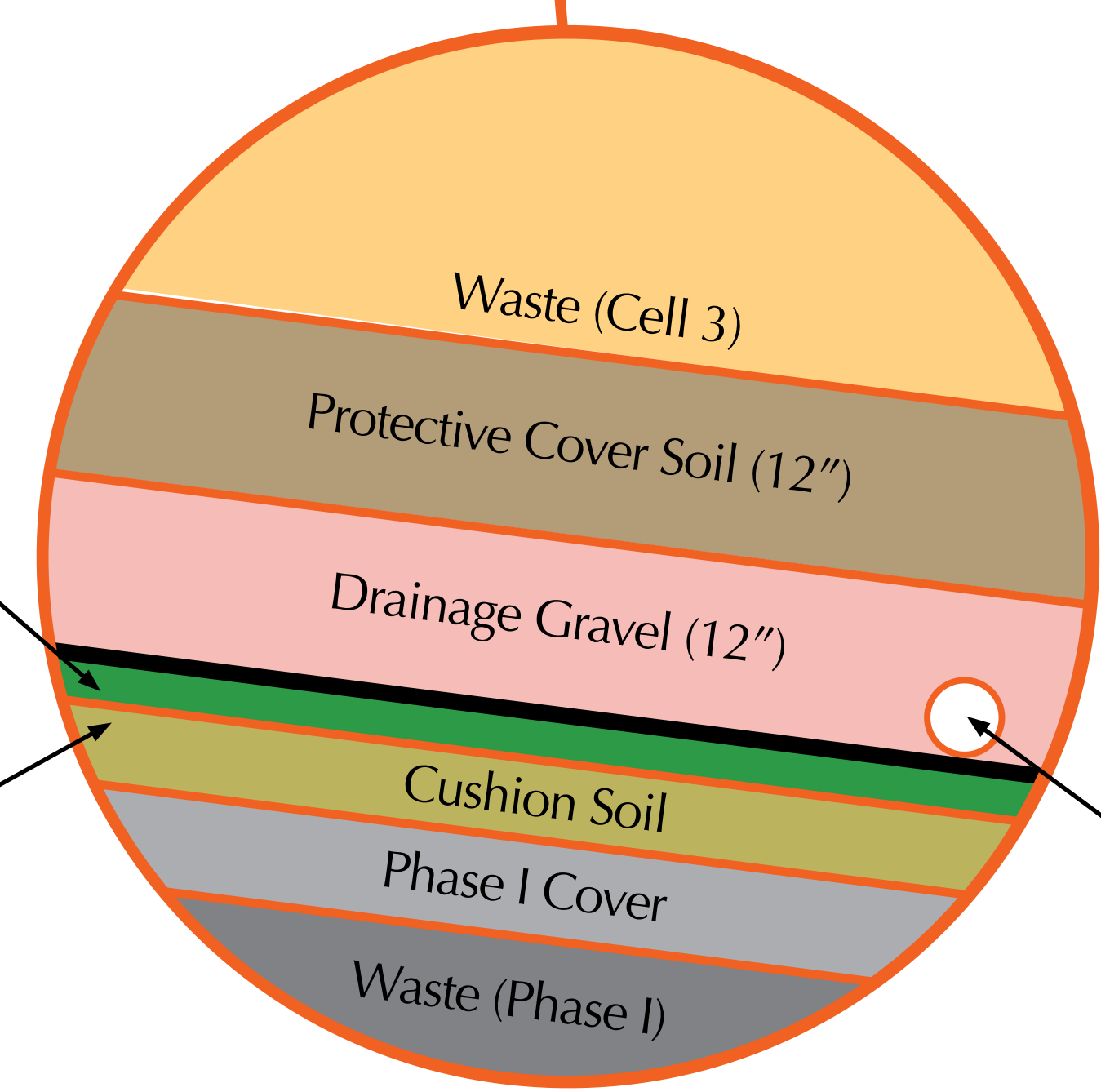
Kekaha Landfill – Cell 3 Vertical Expansion Cross Section

The cross-section below illustrates the proposed Cell 3 vertical expansion within the existing landfill footprint, highlights the maximum final cover height of 188 feet and the engineered containment layers designed to protect the surrounding environment.



PHASE I OVERLINER SYSTEM

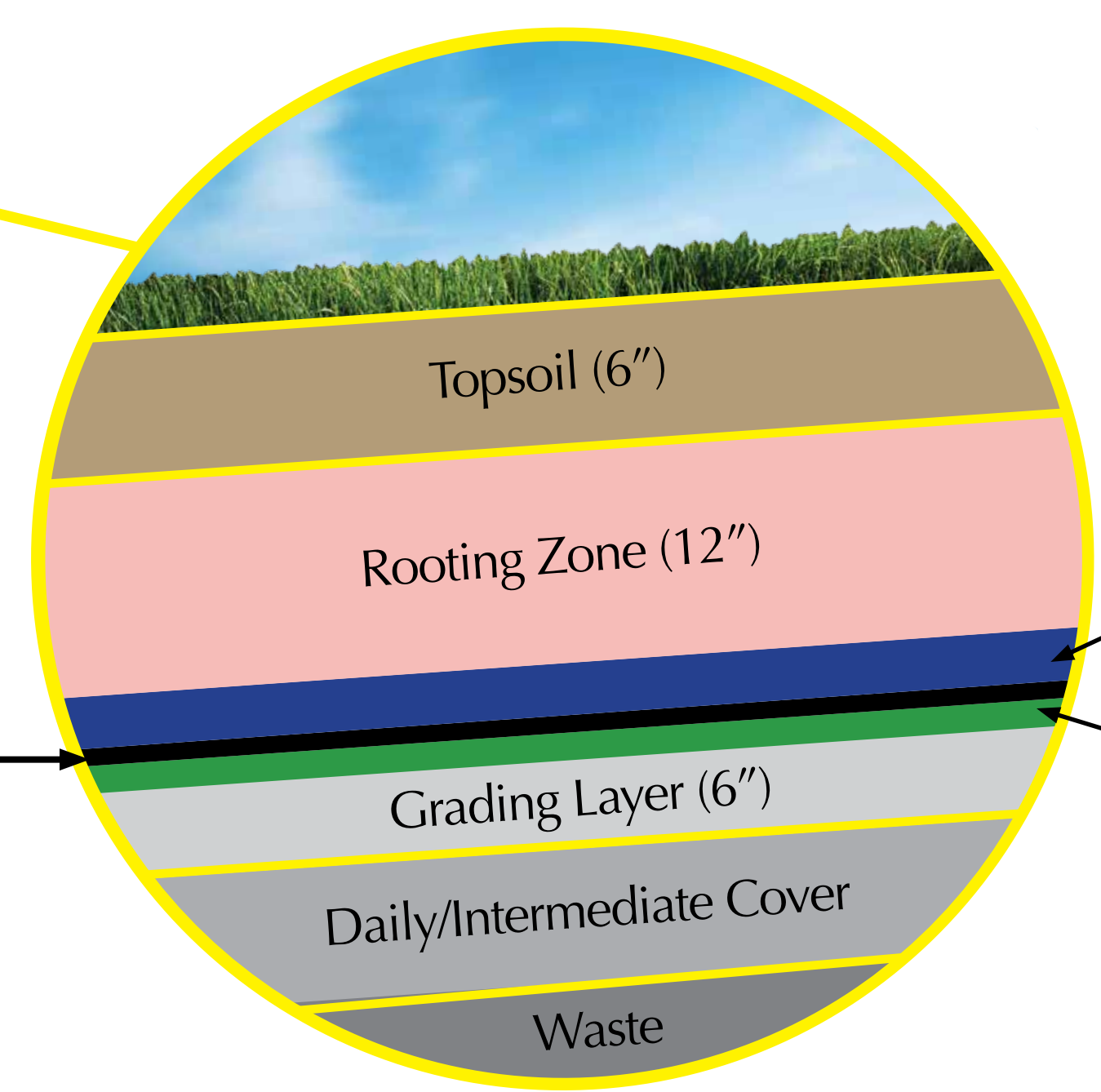
High-Density Polyethylene (HDPE) Geomembrane
Geosynthetic Clay Liner (6")



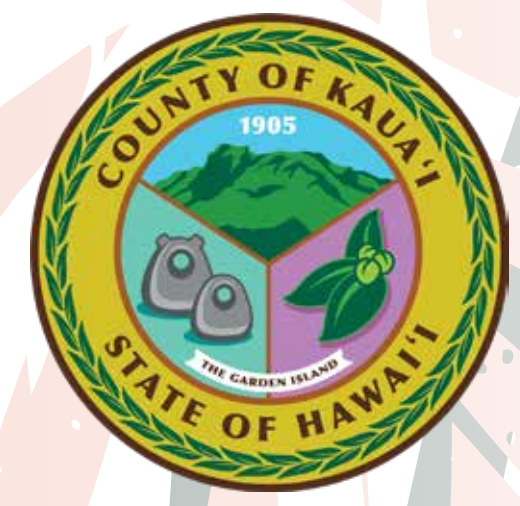
NOTE: Not to scale

FINAL GRADE

Linear Low-Density Polyethylene (LLDPE) Geomembrane



NOTE: Not to scale



Kekaha Landfill – Cell 3 Vertical Expansion

Environmental Review Process

ENVIRONMENTAL REVIEW TRIGGER AND APPROVING AUTHORITY

Environmental review is required under HRS Chapter 343 because the project uses state land and county funds, is within the Conservation District, and proposes landfill expansion.

The County is preparing an Environmental Impact Statement (EIS) to disclose potential impacts and support informed decision-making.

Approving authority: Office of the Mayor, County of Kauaʻi, which determines whether the EIS meets HRS Chapter 343 and HAR Chapter 11-200.1 requirements.

ANTICIPATED SCOPE OF EIS

Public comments will help define the EIS scope, including:

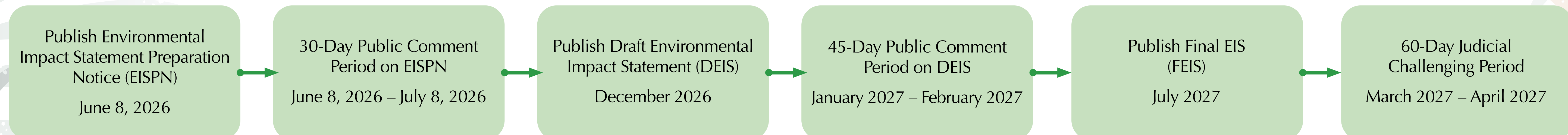
- Purpose and need for the Proposed Action.
- Proposed Action and reasonable alternatives.
- Affected environment.
- Potential environmental consequences.
- Short-term, long-term, and cumulative impacts on the human, natural, and built environment.

Substantive comments received during the EISPN comment period will be documented and addressed in the Draft EIS.

The oral comment recording will be published with the Draft EIS.

ENVIRONMENTAL REVIEW PROCESS

Hawaiʻi Revised Statutes Chapter 343



SCOPING MEETING AND 30-DAY PUBLIC COMMENT PERIOD ON EISPN

Public review and comment period: June 8 to July 8, 2026. The scoping meeting gathers input on actions, alternatives, impacts, mitigation, and key issues to analyze in the EIS. Oral comments can be recorded at the scoping meeting. Submit written comments by comment form, email, mail, or the project website.

Comments must be sent or postmarked by July 8, 2026, to be included in the Draft EIS.

SCAN HERE
FOR PROJECT
WEBSITE



County of Kauaʻi Solid Waste Division
Attn: Allison Fraley
4444 Rice St, Moʻikeha Building, Ste 295
Lihuʻe, HI, 96766
afraley@kauai.gov

Tetra Tech
Attn: Kayla Yost
737 Bishop Street, Suite 2000
Honolulu, Hawaiʻi 96813
kayla.yost@tetrattech.com

ENVIRONMENTAL IMPACT STATEMENT PREPARATION NOTICE (EISPN)

The EISPN was published in the June 8, 2026, edition of The Environmental Notice. Scan the QR code below to view the EISPN.



Kekaha Landfill – Cell 3 Vertical Expansion

PROPOSED ACTION/PROJECT OVERVIEW

- Cell 3 will cover 40 acres and be within the existing 74-acre permitted landfill footprint area. No lateral expansion.
- The maximum elevation is 85 feet in Phase I area and up to 188 feet in the Phase II area.

OVERLINER AND GROUNDWATER PROTECTION

- To prepare for improvements, a portion of Phase I waste will be safely relocated within the landfill and a new overliner system will be installed.
- An impermeable composite overliner system will be installed over the older Phase I area.
- Leachate will be captured and directed into sumps.
- The overliner system will prevent rainwater or leachate from entering the Phase I waste that would remain in place.
- Groundwater monitoring will continue through Cell 3 construction and operation.

SYSTEM INTEGRATION

New expansion areas will connect directly to existing landfill gas, Phase II liner and leachate collection system, and stormwater management systems to ensure site-wide safety.

TSUNAMI MITIGATION

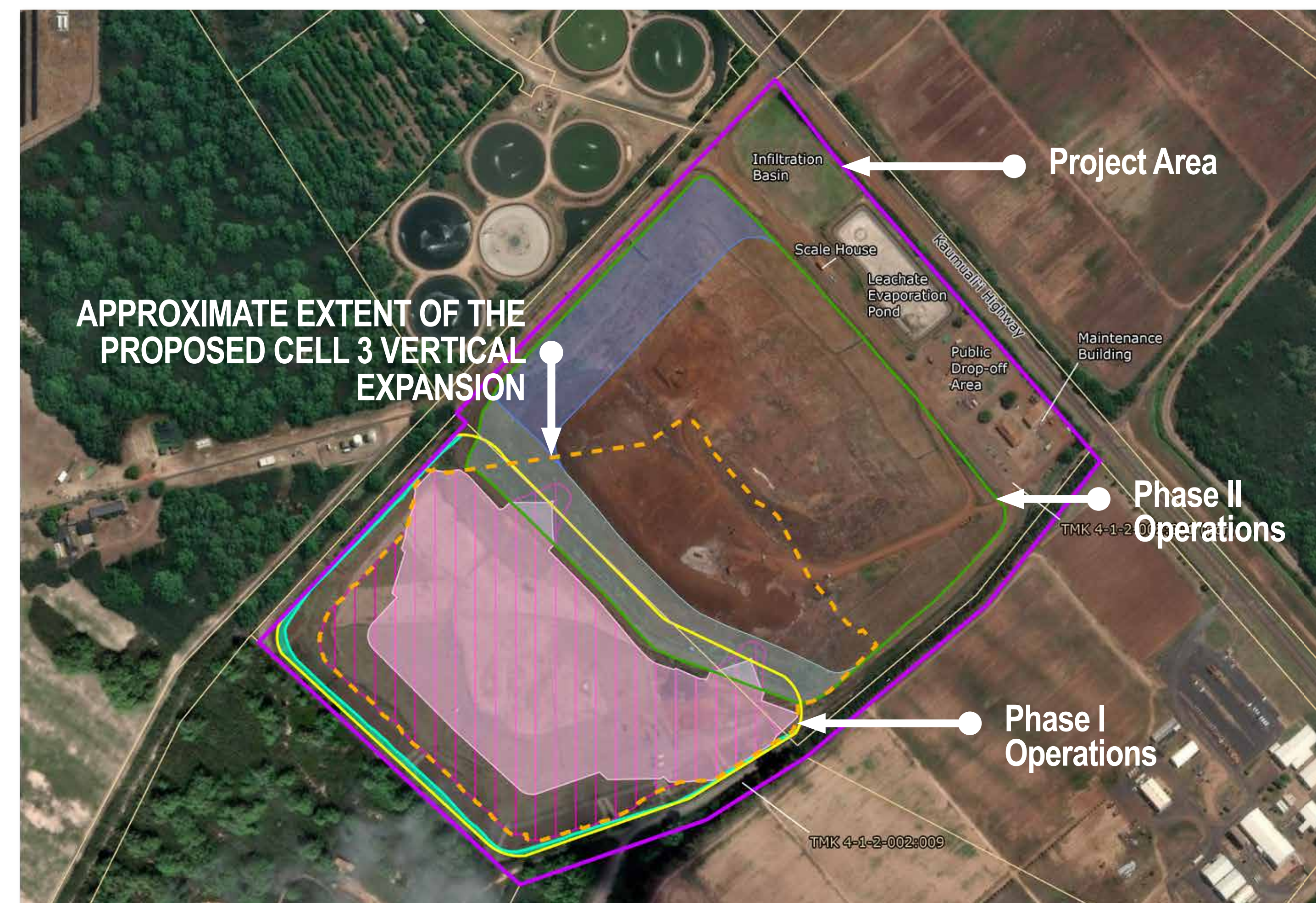
New protective rock barriers (riprap) will be added around the perimeter to protect the landfill in the event of a tsunami.

COMMUNITY BENEFITS PROGRAM

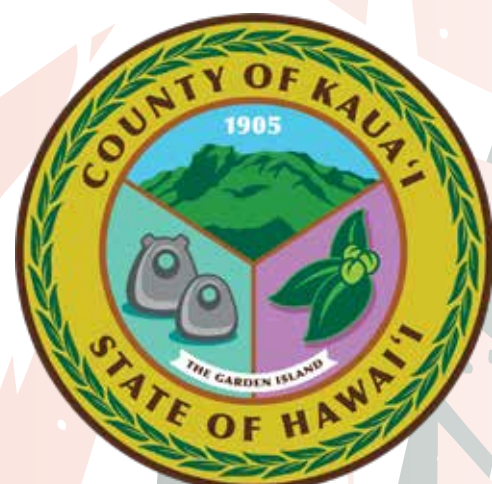
Host community benefits for Kekaha residents will continue during operations.

CELL 3 CLOSURE AND NEW LANDFILL

If the new Ma'alo landfill becomes operational during the life of Cell 3, the County will coordinate with the State to close Kekaha Landfill.



- Project Area
- TMK Parcel Boundary
- Phase I Operations
- Phase II Operations
- Cell 1 Operations
- Cell 2 Operations
- Approximate Extent of the Proposed Cell 3 Vertical Expansion
- Phase I Overliner
- Phase I Relocation
- Tsunami Inundation Armoring



SCAN HERE
FOR MORE
INFORMATION



Kekaha Landfill – Cell 3 Vertical Expansion

Environmental Impact Statement Overview

PURPOSE AND NEED FOR THE PROPOSED ACTION

The County proposes a vertical expansion of Cell 3 over the existing Phase I and Phase II footprints to add needed municipal solid waste (MSW) disposal capacity. Kekaha Landfill is projected to reach capacity in 2030; the expansion would extend its useful life and maintain safe disposal capacity for Kauaʻi while a new landfill is permitted, designed, and constructed, a process expected to take approximately 10 years.

ALTERNATIVES TO THE PROPOSED ACTION

The EIS will evaluate the No Action Alternative and reasonable alternatives that are technically and economically feasible and meet the project purpose and need.

- No Action Alternative – Cell 3 would not be expanded; Kekaha Landfill would reach permitted capacity and close in 2030, leaving Kauaʻi without a permitted MSW disposal facility.
- Alternatives Considered in the EISPN but not Carried Forward – Several options were dismissed because they were not technically feasible, did not meet the project purpose and need, or would not provide permitted landfill airspace before existing capacity is exhausted in 2030.
 - Alternative Designs – Cell 3 maximum elevation of 208 ft amsl*; mining Phase I and installing a liner.
 - Alternative Locations – New landfill facility; distributed disposal facilities; off-island disposal.
 - Alternative Technologies – MSW sorting and processing technologies, including waste-to-energy concepts.

OTHER REQUIRED PERMITS AND APPROVALS ANTICIPATED

Preliminary permits and approvals anticipated include:

- Solid Waste Management Permit Modification via Hawaiʻi Department of Health (HDOH)
- National Pollutant Discharge Elimination Systems Construction Storm Water General Permit (HDOH)
- HRS Chapter 6E historic preservation compliance (State Historic Preservation Division)
- Amended Special Use Permit SUP SP-93-9 (State of Hawaiʻi Land Use Commission)
- Amended Use Permit U-93-56 and Class IV Zoning Permit Z-IV-93-64 (Kauaʻi Planning Commission)
- Amended Special Management Area Use Permit (Kauaʻi Planning Commission)
- Notice of Proposed Construction or Alteration (Federal Aviation Administration)

*amsl = above mean sea level

SCAN HERE
FOR MORE
INFORMATION



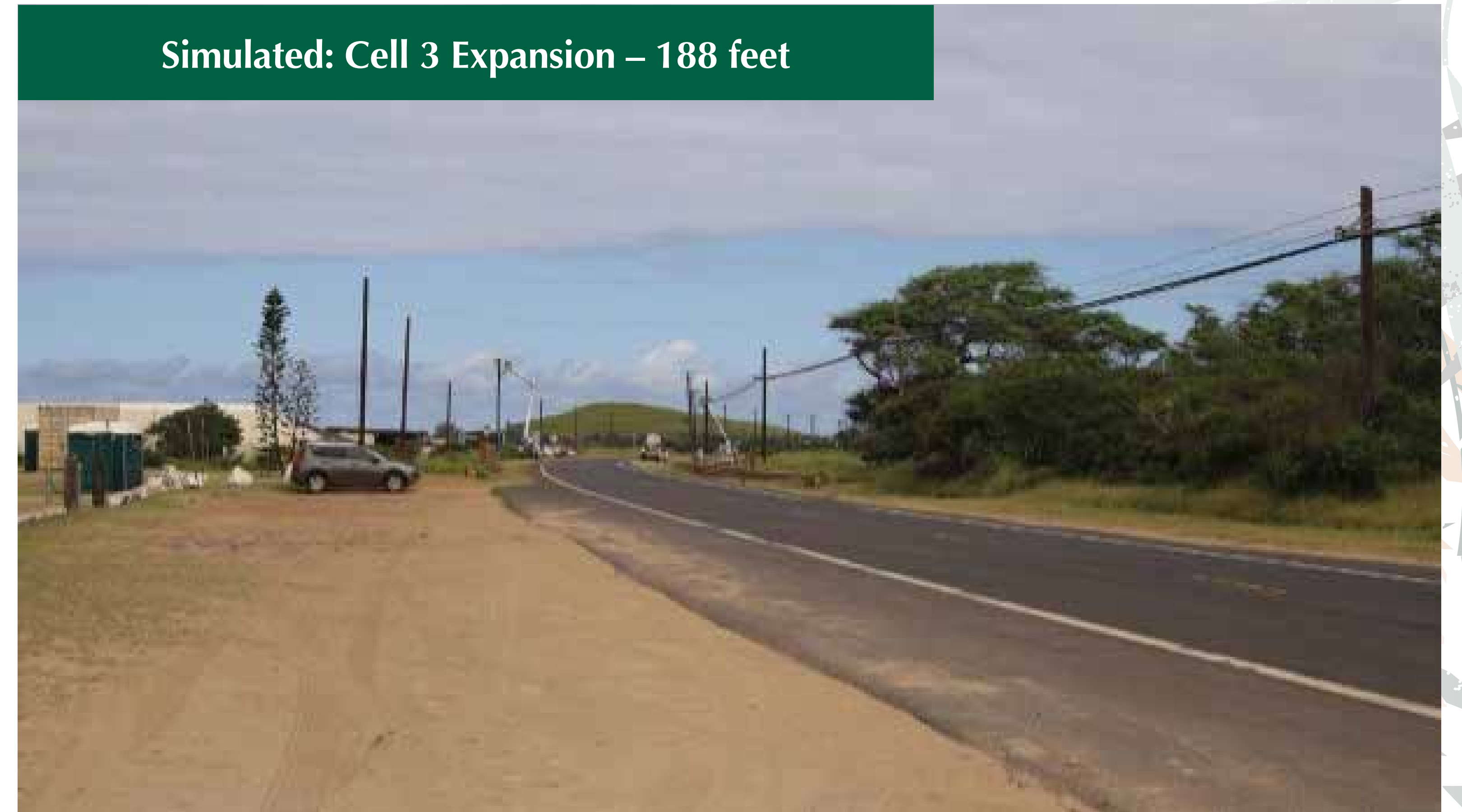
Kekaha Landfill – Cell 3 Vertical Expansion

View From Kekaha Beach Park

Simulated: Current Permitted Height – 171.5 feet



Simulated: Cell 3 Expansion – 188 feet



Kekaha Landfill – Cell 3 Vertical Expansion

View From Kaumuali'i Highway

Simulated: Current Permitted Height – 171.5 feet



Simulated: Cell 3 Expansion – 188 feet

