

**Public Notice – 401 Certification/Dredged Or Fill Waste Discharge Requirements  
Application**

**Date:**

July 8, 2024

**Applicant:**

Hell's Kitchen Geothermal, LLC  
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**Duly Authorized Representative:**

Great Ecology, Inc.  
Mark Laska PH.D., President  
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**Project Name:**

Hell's Kitchen Seismic Investigation Project, Imperial County, California  
WDID No.: 7A133184001, RM: 457456, Place ID: 895413

**Receiving Water:**

Salton Sea

**Location:**

City or Area:

The Project is located on the southeastern shore of the Salton Sea. Approximately 2 miles northwest from the town of Niland, in Imperial County, California.

Latitude/Longitude:

33.238284° N, 115.599279° W

Section, Township, Range:

Sections 1, 2, 3, 5, 6, 7, 9, 10, 11, 12, 23, 25, 26, 27, 30, 31, 34, 35 and 36., Township 10 and 11 South, Range 13 and 14 East

**Project Description:**

Hell's Kitchen Geothermal, LLC (HKG) is proposing to conduct a seismic investigation. This project will be conducted on HKG property and along the shoulder of local country roads in Imperial County. The investigation is aimed towards mapping subsurface

geological attributes which are needed for better directional drilling for the geothermal brine extraction for HKG's future projects.

The project will include 3-Dimensional survey work near and in the Salton Sea by drilling source shot holes, placing a charge in them, backfilling the holes with the extracted material, and shooting the charges to create energy which dissipates in the ground. Geophones on the surface record the response to the energy.

There will also be 2-Dimensional seismic line sampling along the shoulder of the following county roads: Beach Rd, Davis Rd, T-Drain/Beal Rd, U-Lateral, Y-Lateral, Noffsinger Rd, and Alcott Rd. The roads will have drilling and shot holes with geophones recording the energy.

All impacts are temporary, and the impacted areas will be restored to pre-Project conditions once the work is done. Mitigation measures included avoiding and minimizing impacts to wetlands and waters through the selection of survey locations and using amphibious track mounted vehicles to access drilling locations without clearing access paths.

**Anticipated Project Start and End Dates:**

October 1, 2024 – February 15, 2025

**US Army Corps of Engineers Nationwide Permit Number(s):**

Army Corps NWP Pre-Construction Notification

**Action:**

Pending

**Water Board Contact:**

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