

**PUBLIC NOTICE OF INTENT TO ISSUE AN  
UNDERGROUND INJECTION CONTROL (UIC) PERMIT  
FOR THE LAHAINA WASTEWATER RECLAMATION FACILITY**

**Comment period through September 23, 2008**

**PURPOSE**

The U.S. Environmental Protection Agency (EPA) is soliciting public comments on its proposal to reissue a federal Underground Injection Control (UIC) permit to the County of Maui for the Lahaina Wastewater Reclamation Facility (LWRF or facility) located at 3300 Honoapiilani Highway, Lahaina. The proposed permit will continue to authorize the underground injection of secondary treated municipal wastewater into four existing Class V injection wells at the facility.

**BACKGROUND**

The County of Maui owns and operates the Lahaina Wastewater Reclamation Facility located at 3300 Honoapiilani Highway, Lahaina, Hawaii. The LWRF reclaims approximately 5.5 million gallons per day (mgd) of wastewater to R-1 quality, which means it processes wastewater through secondary treatment with advanced treatment to sufficiently filter and disinfect the wastewater of bacteria and viruses for it to be used safely to water areas frequented by people (such as lawns, parks, and golf courses). The LWRF sends approximately 1 mgd of treated wastewater to be reused by customers for irrigation purposes. The rest of the treated effluent is gravity fed into the four (4) Class V injection wells.

Based on our review of the area and the geology of the site, EPA believes the injection of treated wastewater allowed under the proposed permit is protective of underground sources of drinking water as required by the Safe Drinking Water Act. The injection zone is approximately 85 to 225 feet below the ground surface (bgs). The proposed permit contains requirements for monitoring injection rate and volume, and sets maximum daily and weekly injection rates. The proposed permit also sets conditions on the injectate for Total Nitrogen, Suspended Solids, and Biological Oxygen Demand. The proposed permit requires sampling of the injected fluids weekly to determine total nitrogen and semi-annually to monitor the treated wastewater quality.

The injection wells are also subject to a state UIC permit issued by the Hawaii Department of Health. The State's permit requires monitoring of injectate, as well as injection well performance monitoring on a semi-annual basis.

EPA has made a preliminary determination to approve the renewal of the Class V UIC permit as provided by Part C of the Safe Drinking Water Act, as amended, and by UIC regulations in Title 40 of the Code of Federal Regulations (CFR) Parts 124, 144, and 146.

## **DOCUMENTS**

Copies of the proposed permit, the Statement of Basis, this public notice and the County of Maui's application are available for review at:

Lahaina Public Library  
680 Wharf Street  
Lahaina, Hawaii  
(808) 662-3950

The aforementioned documents, with the exception of the County of Maui's application, are also available on EPA's Region 9 web page at:

<http://www.epa.gov/region09/water/groundwater/uic-permits.html>

Copies of EPA's documents and the County of Maui's application can also be obtained by contacting: U.S. Environmental Protection Agency, Ground Water Office (WTR-9) 75 Hawthorne Street, San Francisco, CA 94105, Attn: Nancy Rumrill; phone (415) 972-3293; fax (415) 947-3549; or e-mail [rumrill.nancy@epa.gov](mailto:rumrill.nancy@epa.gov).

The EPA San Francisco office also contains the administrative record for the proposed permit which is available for public inspection from 8:30 am to 5:00 pm, Monday through Friday. All data submitted by the applicant is available as part of the administrative record.

## **PUBLIC COMMENT**

Interested persons are invited to make comments and recommendations on the draft UIC permit renewal and the County of Maui's UIC permit renewal application. The thirty (30) day public comment period will end on September 23, 2008 (see 40 CFR §124.13). All comments must be received or postmarked by that date and must be in writing (e-mail is acceptable) to be considered. Please send comments to U.S. Environmental Protection Agency, Ground Water Office (WTR-9), 75 Hawthorne Street, San Francisco, CA 94105, Attn: Nancy Rumrill, phone (415) 972-3293, fax (415) 947-3549, or e-mail [rumrill.nancy@epa.gov](mailto:rumrill.nancy@epa.gov).

During the public comment period, persons may also request a public hearing regarding EPA's proposed issuance of this UIC permit (see 40 CFR §§124.11 and 124.12). Any request for a public hearing must be in writing and state the nature of the issues proposed to be raised in the hearing. EPA will only hold a hearing if significant interest

is expressed, and will provide a minimum of 30 days notice prior to any hearing.

### **FINAL PERMIT DECISION AND APPEALS PROCESS**

EPA will make a final decision regarding the proposed federal permit renewal after all comments and recommendations have been considered. EPA will send a response to comments and a notice of our final decision to each person who submitted comments or requested such notice. Within thirty (30) days after the final permit decision has been issued, any person who filed comments on the draft permit, participated in any Public Hearing on this matter, or takes issue with any changes in the draft permit, may petition the Environmental Appeals Board to review any condition of the permit decision. Commenters are referred to 40 CFR Section 124.19 for procedural requirements of the appeal process. If no comments request a change in the draft permit, the permit shall become effective immediately upon issuance (40 CFR §124.15).