From: Pruder, Sina L
To: Nancy Rumrill/R9/USEPA/US@EPA; Hew, Chauncey L
Cc: Rimando, Jaime G; Uehara, Norris N; Wendy Wiltse/R9/USEPA/US@EPA
Subject: RE: FW: Lahaina question
Date: 06/16/2011 05:29 PM

Nancy,

Our chapter 11-62 rules has definitions for recycled water. We don't have a definition specifically for secondary treatment. Our Subchapter 2 - Wastewater Treatment Works covers the requirements (design, effluent monitoring, etc.) for secondary and tertiary treatment plants. Our chapter 11-62 also references the use of the Reuse Guidelines for the design criteria of recycled water. The reuse guidelines also includes design standards for secondary and tertiary treatment plants.

"R-1 water" means recycled water that has been oxidized, filtered, and disinfected to meet the corresponding standards set in this chapter.

"R-2 water" means recycled water that has been oxidized and disinfected to meet the corresponding standards set in this chapter.

"R-3 water" means recycled water that has been oxidized to meet secondary treatment standards as set forth by EPA.

"Recycled water" means treated wastewater that by design is intended or used for a beneficial purpose.

Let me know if you would like me to forward you a copy of our chapter 11-62 rules and Reuse Guidelines.

Thanks,

Sina

From: Rumrill.Nancy@epamail.epa.gov [mailto:Rumrill.Nancy@epamail.epa.gov]
Sent: Thursday, June 16, 2011 1:49 PM
To: Hew, Chauncey L
Cc: Rimando, Jaime G; Uehara, Norris N; Pruder, Sina L; Wiltse.Wendy@epamail.epa.gov
Subject: Re: FW: Lahaina question

I understand that it's tertiary treatment with the advanced sand filtration that Lahaina has. Is secondary and tertiary treatment defined in the DOH wastewater treatment regulations? Thanks, Nancy

Nancy Rumrill
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Phone (415) 972-3293

From: "Hew, Chauncey L" <chauncey.hew@doh.hawaii.gov>
To: "Pruder, Sina L" <sina.pruder@doh.hawaii.gov>
Cc: Wendy Wiltse/R9/USEPA/US@EPA, Nancy Rumrill/R9/USEPA/US@EPA, "Rimando, Jaime G"

<jaime.rimando@doh.hawaii.gov>, "Uehara, Norris N" <norris.uehara@doh.hawaii.gov>
Date: 06/16/2011 04:43 PM
Subject: FW: Lahaina question

SP: In Wendy's message, could you clarify the terminologies for all of us? Thank you.

6/16/11 CH

From: Wiltse.Wendy@epamail.epa.gov [mailto:Wiltse.Wendy@epamail.epa.gov]
Sent: Thursday, June 16, 2011 12:43 PM
To: Hew, Chauncey L; Rumrill.Nancy@epamail.epa.gov
Subject: Lahaina question

I am reviewing the tracer study workplan. In the description of the wastewater plant, it says that the portion of the effluent that is R1 is tertiary treated. Is that true? I thought it was all secondary but the R1 gets UV disinfection.

Thanks,
Wendy

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