Layer Name: Aquifers

Dataset Name: DLNR Aquifers

Layer Type: Polygon (dlnr_aquifers_poly.shp), Line (dlnr_aquifers_line.shp)

Status: Complete

Geog. Extent: Islands of Hawaii, Kauai, Lanai, Maui, Molokai and Oahu

Projection: Universal Trans Mercator, Zone 4

Datum: NAD 83

Description: Aquifers, as determined/defined by DLNR/DOWALD. (Note: DOH

maintains another version of aquifers, which is more resourceoriented in nature, and which has different boundaries than the DLNR/DOWALD version, which is more administrative in

nature).

Source: State Department of Land and Natural Resources island-wide

maps of varying scales and sizes.

History: Digitized in 1995 in Arc/Info using ArcEdit by DLNR-DOWALD

from island-wide maps of varying scales. Updated by DOWALD in March,2000. Updated by CWRM in February, 2005 to add the island

of Molokai. Coastline revised by CWRM, Jan 2006.

Corrected Aquifer System Names Kealia and Paomai; corrected Aquifer Sector Name Kamao, Sep 2008. Converted to poly and line shapefiles; updated system yield values by CWRM, Oct 2008. Corrected Aquifer System

name Launiupoko, Jul 2010.

Note: 20140307 - Per Lenore Ohye, July 2010 version is still valid as of 3/7/14.

Attributes:

Polygons:

AREA area of polygon (sq. meters)
PERIMETER perimeter of polygon (meters)

<isl>LNRAQ# Polygon internal number (for Arc/Info use)

<isl>LNRAQ-ID Polygon ID (for Arc/Info use)

SECTOR Sector Name SYSTEM System Name

SY Sustainable Yield in million gallons/day (mgd)

CODE Aquifer Code

DY Developable Yield in million gallons/day (mgd)

GWMA Ground Water Management Area

Arcs/Lines:

FNODE# From Node Number (for Arc/Info use)

TNODE# To Node Number (for Arc/Info use)
LPOLY# Left Polygon Number (for Arc/Info use)
RPOLY# Right Polygon Number (for Arc/Info use)

LENGTH Length (meters)

<isl>LNRAQ# Arc Internal Number (for Arc/Info use)

<isl>LNRAQ-ID Arc ID (for Arc/Info use)

CODE Specifies type of line (for drawing)

CODE Definition

" Internal arc (i.e. not system or sector arc)

sector Sector arc system System arc

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