

Layer Name: Ditches
 File Name: Ditches
 Layer Type: Line
 Status: Complete
 Geog. Extent: Island of Hawaii, Kauai, Maui, Molokai and Oahu
 Projection: UTM Zone 4 (Meters)
 Datum: NAD 83 HARN

Please note - if you are using data in the [State's web services](#) or downloading from the [State's geoportal](#), the data is served and exported in WGS84 coordinates, although it is stored internally in UTM coordinates.

Description: Ditches / Hawaii Irrigation Systems as of 6/28/19; Irrigation system line features derived from the National Hydrography Dataset (NHD) NHDFlowline and NHDLine feature classes.

Source: DLNR Commission on Water Resource Management (CWRM), July, 2019.

History: Created as part of an update of the Agricultural Water Use and Development Plan (AWUDP) 2008. Line features derived from NHDFlowline and NHDLine feature classes (Dec. 2006). Additional attributes added from CWRM resources and updated and verified by the University of Hawaii, College of Tropical Agriculture and Human Resources (CTAHR) under contract by the Hawai'i Department of Agriculture (DOA). Continuous feature class updates by CWRM. Feature class extracted from CWRM database on 6/28/2019.

Statewide GIS Program staff deleted 7 features with Shape_Length value = 0; Sept. 2019.

Attributes:

Sys_Name:	Irrigation System Name
SubSys_Name:	Irrigation Sub-System Name
Type:	Feature Type (Artificial PathCanal, CanalDitch, Ditch, Flume, Penstock, Pipeline, ReservoirPath, Siphon, StreamPath, Tunnel)
Status:	Last known status (Abandoned, Active, Inactive, Removed, Unknown). See attribute fields: 'Notes', 'Source', 'Creation Date', 'Creator', 'Edit Date', and 'Editor' for 'Status' source and dates.
Operator:	Irrigation system owner or operator
Notes:	Additional description for system or status
Source:	Citation for attribute fields
Create_Dat:	Date of creation
Creator:	Creation source citation
Edit_Date:	Date edited
Editor:	Editor identification
NHDPermID:	Feature 'Permanent identification number' of source NHDFlowline feature class.
AWUDP_ID:	'Identification number' or 'ComID' of source feature class from Agricultural Water Use and Development Plan.
Island:	Island name.

<Contact info next page>

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