

Table: parcels

Description:

The table contains the attributes of the tax parcel records including owner, location, size and characteristics. The wastewater method and source are included with probabilities, if assigned.

Fields:

Column	Type	Description
id	long	Primary Key
tax_id	varchar(30)	County Specific Tax Identification Number
county_id	integer	Foreign Key - County ID
landuse_id	integer	Foreign Key - Links to landuse table to get description.
number_residential_units	integer	Total number of residential units on property.
square_foot	long	Square Footage of property.
total_area	long	Total Square Footage of Fixed Improvements
number_buildings	integer	Number of Buildings on Property
owner	varchar(30)	Owner of Record for Property
owner_address1	varchar(40)	Owner mailing address line 1
owner_address2	varchar(40)	Owner mailing address line 2
owner_city	varchar(40)	Owner mailing address - city
owner_state	varchar(25)	Owner mailing address - state or country
owner_zip_code	varchar(5)	Owner mailing zip code
short_legal	varchar(30)	Abbreviated Description of Property
plss_township	varchar(5)	Public Land Survey System - Township
plss_range	varchar(5)	Public Land Survey System - Range
plss_section	varchar(5)	Public Land Survey System - Section
physical_address1	varchar(40)	Physical Address of property - line 1
physical_address2	varchar(40)	Physical Address of property - line 2
physical_city	varchar(40)	Physical City of property
physical_zip_code	varchar(5)	Physical Zip Code of property
alternate_key	varchar(30)	Alternate Key for county - secondary Tax ID
state_parcel_id	varchar(30)	State specific parcel ID
improved	bit	Yes/No (1 or 0) if the parcel is considered improved
wastewater_method	varchar(50)	Method for wastewater disposal - septic, sewer, estimate or NA
source	varchar(50)	Source for determining wastewater method (DEP Permitted Facility, EHDB, CHD or Estimate)
septic_probability	double	Probability calculated that parcel has an active septic system
acreage	double	Mapped acreage of property
longitude	double	NAD83 Longitude of Parcel Centroid
latitude	double	NAD83 Latitude of Parcel Centroid

Appendix - Database Description

Table: septic

Description:

The table contains the records obtained from the County Health Department legacy databases. Information from the submitted databases are added to this table and linked to the parcels table using the parcel_id field.

Fields:

Column	Type	Description
id	long	Primary Key - Autonumber
parcel_id	long	Foreign Key links to parcels table ID field.
tax_id	varchar(30)	Tax Parcel number provided by County.
county_id	long	Foreign Key - Links to county table ID field.
contact_id	integer	Foreign Key - Links to county_contacts table ID field.
county_permit_number	varchar(50)	Permit number assigned by county
permit_type	varchar(50)	Type of permit
company_name	varchar(50)	Company name requesting permit
owner	varchar(50)	Owner of property requesting permitted septic tank
address1	varchar(50)	Address of property in permit application
address2	varchar(50)	Address line 2 of property in permit application
city	varchar(50)	City of property in permit application
zip_code	varchar(50)	Zip code of property in permit application
application_date	datetime	Date of Application
issue_date	datetime	Issue Date of Permit
install_date	datetime	Installation Date of Septic System
subdivision	varchar(50)	Subdivision name where permitted property resides
block	varchar(50)	Subdivision Block where permitted property resides
lot	varchar(50)	Subdivision lot where permitted property resides
tank_size	varchar(50)	Size of permitted tank
drainfield_size	varchar(50)	Drainfield size of permitted tank
flow	varchar(50)	Flow rate received by permitted tank
comments	longchar	General Comments

Table: county

Description:

The table contains the name of the counties and a unique ID which is keyed to other tables.

Fields:

Column	Type	Description
id	long	Primary Key
countyname	varchar(50)	Florida County Name

Appendix - Database Description

Table: county_contacts

Description:

The table contains contact information for the County Health Departments as identified at:

<http://www.doh.state.fl.us/chdsitelist.htm>.

Fields:

Column	Type	Description
id	integer	Primary Key - Links to septic table contact_id
county	varchar(50)	Name of County
county_type	varchar(10)	Rural or Non Rural
title	varchar(100)	Title for Contact/Individual
address1	varchar(50)	1st Line of Address
address2	varchar(50)	2nd Line of Address
city	varchar(50)	Mailing City for Contact
state	varchar(4)	Mailing State for Contact
zipcode	varchar(10)	Mailing Zip Code for Contact
telephone	varchar(20)	Telephone number for Contact
extension	varchar(10)	Telephone Extension for Contact
fax	varchar(20)	Fax Number for Contact
website	varchar(100)	County Health Department Website URL

Table: landuse

Description:

The table contains provides a lookup for the Department of Revenue land use codes. The ID from this table links to the landuse_id contained in the parcels table.

Fields:

Column	Type	Description
id	integer	Primary Key
doruc	varchar(3)	DOR Land Use Code - Character String
description	text	DOR Long Description of Land Use

Table: serviced_parcel

Description:

The table contains parcels which are serviced by DEP permitted wastewater treatment facilities – parcels on sewer systems. The parcel_id field links to the id field in the parcel table. The facility_id links to the facility_id in the DEP_permit_facilities table (this is a unique field as it is a character string, not an integer value).

Appendix - Database Description

Fields:

Column	Type	Description
id	long	Unique ID for Serviced Parcel
parcel_id	long	Unique ID which links to parcels.id (Table and Feature Class)
contact_id	integer	Foreign Key - Links to contacts table id field
facility_id	varchar(15)	DEP Facility ID for Facility which services parcel
tax_id	varchar(30)	Tax ID of Serviced Parcel
address1	varchar(40)	Physical Address of Serviced Parcel - Line 1
address2	varchar(40)	Physical Address of Serviced Parcel - Line 2

Table: contact

Description:

The table contains information regarding the contact made between EarthSTEPS and the contact individual with the DEP permitted facilities.

Fields:

Column	Type	Description
id	long	Unique ID of Response
DEP_facility_contacts_id	integer	Foreign Key - DEP_facility_conacts.id
contact_type	varchar(50)	Type of response received from contact - email, phone call, letter, FTP files
status	varchar(50)	Status of receipt of response and workflow (completed, inventoried, partial, etc.)
alternative_contact	varchar(50)	Secondary contact individual.
telephone	varchar(50)	Telephone number of contact and/or secondary contact
comments	longchar	General comments regarding response including issues, type of response, number of records, etc.

Table: DEP_facility_Contacts

Description:

The table contains contact information for the party responsible for the DEP permitted wastewater facility. Often, it is not that individual which provides information; therefore, a secondary contact is maintained in the contact table.

Appendix - Database Description

Fields:

Column	Type	Description
id	long	Primary Key
related_party_name	varchar(255)	Name of responsible party for DEP Permitted Facility
company_name	varchar(255)	Name of company for DEP Permitted Facility
address1	varchar(255)	Mailing Address of Contact
address2	varchar(255)	Secondary Mailing Address Field for Contact
city	varchar(50)	Mailing City for Contact
state	varchar(5)	Mailing State for Contact
zip_code	varchar(10)	Mailing Zip Code for Contact
phone	varchar(20)	Phone Number of Contact
email	varchar(50)	Email Address of Contact

Table: DEP_permit_facilities

Description:

The table contains information on each of the permitted wastewater treatment facilities. Information is available from: <http://www.dep.state.fl.us/water/wastewater/facinfo.htm>.

Fields:

Column	Type	Description
id	long	Primary Key
county	varchar(50)	County where facility resides.
DEP_office	varchar(10)	DEP Regional Office with jurisdiction over facility
facility_id	varchar(15)	DEP Permitted Facility ID
facility_name	varchar(255)	Name of Facility
NPDES	byte	Yes/No - NPDES facility?
facility_type	varchar(255)	DEP Facility Type
status	varchar(20)	DEP Facility Status
address1	varchar(255)	Physical Address of Facility
address2	varchar(255)	Secondary Field for Physical Address of Facility
city	varchar(50)	City of Facility
state	varchar(5)	State of Facility
ownership_type	varchar(20)	Ownership Type of Facility
treatment_process_summary	varchar(255)	Summarization of Treat Process
capacity	double	Capacity of Facility in Millions of Gallons per Day
dw_class	varchar(15)	DEP Domestic Wastewater Facility Class
issue_date	datetime	Date of Issue of the DEP Permit
expiration_date	datetime	Expiration Date of the DEP Permit
doc_description	varchar(255)	Description of Permitted Application
type	varchar(20)	Type of Permitted Application
dep_permit_contacts_id	long	Foreign Key - Links back to DEP_permit_contacts

GIS Feature Class: parcel

Description:

The feature class contains the attributes necessary for rendering basic maps. Fields include location, size and characteristics. The wastewater method and source are included with probabilities, if assigned. Additional attributes can be linked using a join between the id field in the feature class with the id in the parcels table.

Fields:

Column	Type	Description
id	long	Primary Key
objectID	long	Required field by ArcGIS
tax_id	varchar(30)	County Specific Tax Identification Number
county_id	integer	Foreign Key - Links to county table ID field.
alternate_key	varchar(30)	Alternate Key for county - secondary Tax ID
improved	bit	Yes/No (1 or 0) if the parcel is considered improved
wastewater_method	varchar(50)	Method for wastewater disposal - septic, sewer, estimate or NA
source	varchar(50)	Source for determining wastewater method (DEP Permitted Facility, EHDB, CHD or Estimate)
septic_probability	double	Probability calculated that parcel has an active septic system
acreage	double	Mapped acreage of property
longitude	double	NAD83 Longitude of Parcel Centroid
latitude	double	NAD83 Latitude of Parcel Centroid

Table: tblAddresses

Description:

The tblAddresses table in the Environmental Health Database was modified to add fields which link to the database we developed for the inventory. This provides the ability to link to existing records and seamlessly combine information following project completion.

Fields:

Column	Type	Description
EHDB Fields are maintained - Additional Fields Below		
county_id	integer	Foreign Key which links to the county table id field.
parcel_id	long	Foreign Key which links to the parcels table id field.
physical_address	varchar(255)	Physical Address - Combined multiple fields