

BMP Database Structure

BMP database structure

List of relations			
Schema	Name	Type	Owner
public	assumptions	table	postgres
public	geography_columns	view	postgres
public	geometry_columns	view	postgres
public	huc8	table	postgres
public	practices	table	postgres
public	spatial_ref_sys	table	postgres
public	states	table	postgres
(7 rows)			

Tables

huc8

gltdg_bmp=# \d huc8				
Table "public.huc8"				
Column	Type	Collation	Nullable	Default
huc8	text			
name	text			
areaacres	double precision			
states	json			
geometry	geometry(MultiPolygon,4326)			
Indexes:				
"idx_huc8_geometry" gist (geometry)				
"ix_huc8_huc8" btree (huc8)				

Practices

gltg_bmp=# \d practices

Table "public.practices"				
Column	Type	Collation	Nullable	Default
id	bigint			
huc_8	text			
huc_12	text			
state	text			
county_code	text			
county	text			
nrcs_practice_code	text			
practice_name	text			
program	text			
fund_code	text			
applied_amount	double precision			
practice_units	text			
applied_date	bigint			
funding	double precision			
sunset	bigint			
active_year	double precision			
category	text			
wq_benefits	text			
area_treated	double precision			
ancillary_benefits	json			
p_reduction_fraction	double precision			
n_reduction_fraction	double precision			
p_reduction_percentage_statewide	double precision			
n_reduction_percentage_statewide	double precision			
p_reduction_gom_lbs	double precision			
n_reduction_gom_lbs	double precision			

Indexes:

"ix_practices_id" btree (id)

States

gltg_bmp=# \d states

Table "public.states"				
Column	Type	Collation	Nullable	Default
id	text			
area_sq_mi	double precision			
size_ac	double precision			
total_p_load_lbs	double precision			
total_n_load_lbs	double precision			
rowcrop_p_yield_lbs_per_ac	double precision			
rowcrop_n_yield_lbs_per_ac	double precision			
fraction_p	double precision			
fraction_n	double precision			
overall_p_yield_lbs_per_ac	double precision			
overall_n_yield_lbs_per_ac	double precision			

Indexes:

"ix_states_id" btree (id)

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gltg_bmp=# \d assumptions
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Table "public.assumptions"					
Column	Type	Collation	Nullable	Default	
id	text				
name	text				
url	text				
dominant_unit	text				
units	text				
alt_unit_1	text				
alt_unit_2	text				
alt_unit_3	text				
alt_unit_4	text				
alias_1	text				
alias_2	text				
alias_3	text				
alias_4	text				
alias_5	text				
alias_6	text				
alias_7	text				
alias_8	text				
alias_9	text				
alias_10	text				
alias_11	text				
alias_12	text				
alias_13	text				
alias_14	text				
alias_15	text				
alias_16	text				
alias_17	text				
alias_18	text				
alias_19	text				
alias_20	text				
alias_21	text				
alias_22	text				
wq	bigint				
wq_benefits	json				
life_span	json				
nitrogen	json				
phosphorus	json				
cost_share_fraction	json				
category	json				
conv	json				
ancillary_benefits	json				

Indexes:

"ix_assumptions_id" btree (id)

ERD Diagram

