

water_quality_residents		
	first_name	varchar()
	last_name	varchar()
	mailing_address	varchar()
	mailing_city	varchar()
	mailing_state	varchar()
	mailing_zip	int(5)
	site_id	
	lab	
	program	
	collected_by	Varchar()
	collection_point	varchar()
	collection_date	
	characteristic_name	
	result_value	
	result_value_unit	
	reporting_limit	
	analyzed_date	
	analytical_method_id	
	lab_sample_id	
	notes	

For wells that don't have a gwic id then have a format to create as the site it

gw_quantity		
FK,PK	mbmg_gwap	varchar(7)
	site_id	varchar()
	collection_time	datetime
	time_zone	varchar(3)
	swl_ft	int(5)
	dry	varchar(7)
	nonstatic	varrchar(7)
	water_level_movement	varchar(7)
	swl_equip	varchar(20)
	sonic_temp_f	int(2)
	measured_by	varchar(50)
	agency	varchar(20)
	notes	varchar(256)

gw_locations		
	mbmg_gwap	varchar(7)
PK	site_id	varchar ()
	latitude	int(8)
	longitude	int(9)
	region	varchar()
	well_address	varchar()
	contact_resident	varchar(7)
	access_notes	varchar(256)
	tool_type	varchar(75)
	date_added	datetime
	total_depth	int(4)
	swl_range	varchar(10)
	swl_equip	varchar(50)
	animal_notes	varchar(256)
	notes	varchar(256)
	well_use	varchar(50)
	mon_freq	varchar(30)
	status	varchar(30)
	casing_matieral	varchar()
	well_diameter_in	int(2)
	owner	varchar()
	canal	varchar(7)
	mp_elevation_ft	int(7)
	ground_elevation_ft	int(7)
	gwic_link	varchar(256)
	hydrograph_link	varchar(256)

contact		
FK,PK	site_id	varchar()
	site_id2	varchar
	site_id3	varchar
	first_name	varchar()
	last_name	varchar()
	mailing_address	varchar()
	mailing_city	varchar()
	mailing_state	varchar()
	mailing_zip	int(5)
	phone_1	
	phone_2	
	email_1	varchar()
	email_2	varchar()

datalogger_location		
FK,PK	site_id	varchar()
FK, PK	equip_id	varchar()
	logger_depth_ft	int(3)
	installation_date	datetime
	installed_by	varchar(50)
	removal_date	datetime
	removed_by	varchar(50)
	notes	varchar(256)

well_pumping		
FK	site_id	varchar()
	purge_method	varchar()
	pumping_rate_gpm	int()
	purge_time_min	int()
	purge_volume_g	int()
	notes	varchar(256)

equip		
PK	equip_id	varchar ()
	product_name	varchar()
	serial_number	varchar()
	date_received	datetime
	status	varchar()
	notes	varchar()

water_quality_lcwqpd		
PK	result_id	varchar()
	activity_id	varchar()
	matrix_type	varchar()
	matrix	varchar()
	site_id	varhcar()
	collection_time	datetime
	characteristic_name	varchar()
	method_speciation_name	varchar()
	sample_fraction	varchar()
	result_detection_condition	varchar()
	result_value	int()
	result_value_unit	varchar()
	result_qualifier	varchar(2)
	value_type	varchar(20)
	method_detection_limit_value	int()
	lower_reporting_limit_value	int()
	detection_limit_unit	varchar()
	analytical_method_id	varchar()
	analysis_start_date	datetime
	analysis_start_time	datetime
	analysis_start_time_zone	varhcar(3)
	dilution_factor	int(2)
	laboratory_batch_id	varchar()
	laboratory_sample_id	varhcar()
	laboratory_name	varchar()
	result_comment	varchar(256)

field_parameters		
FK,PK	site_id	varchar()
	sampling_media	varchar()
	collection_time	datetime
	time_zone	varchar(3)
	water_temp_c	int(3)
	baro_pressure_mmhg	int(5)
	ph	int(3)
	specific_conductance_uscm	int(5)
	conductivity_uscm	int(5)
	dissolved_oxygen_%	int(4)
	dissolved_oxygen_mgl	int(3)
	well_level_ft	int(5)
	measured_by	varchar(50)
	agency	varchar()
	notes	varchar(256)

stream_quantity		
FK,PK	site_id	varchar()
	collection_time	datetime
	time_zone	varchar(3)
	stage_ft	int(5)
	discharge_cfs	int(5)
	measured_by	varchar(50)
	agency	varchar(20)
	notes	varchar(256)

stream_locations		
PK	site_id	varchar()
	waterbody	varchar()
	station_name	varchar()
	latitude	int(8)
	longitude	int(9)
	status	varchar(30)
	notes	varchar(256)