	description																																																	
WS – TABLE	<u> </u>	Table of streetaxis.	Table of urban properties.	Catalog of time periods.	Catalog of scada receivers.	Table of scada receivers.	Values obtained from scada receivers.	Agregated data obtained from scada receivers.	Data from scada related to date and dma.	Catalog of hydrometers receivers.	Table of hydrometer receivers.	Values obtained from hydrometer receivers.	Agregated data obtained from hydrometer receivers.	Contains the types of arcs.	Contains the types of nodes.	Contains the types of elements.	Catalog of arc's material.	Catalog of node's material.	Catalog of arcs.	Catalog of nodes.	Catalog of element's material.	Catalog of elements.	Catalog of connections.	Catalog of soil types.	Catalog of constructors	Catalog of construction works.	Catalog of owners.	Catalog of pavements.	Catalog of press zone.	Domain data with types of management	Domain data with types of fluid management	Domain data with types of location management	Domain data with connects types	Table of spatial objects representing sectors.	Table of spalial objects representing flodes.	Table of spatial objects representing arcs.	Table of spatial objects representing District Meter Area.	Table of spatial objects leptesenting connects.	Table of spatial objects representing viloues.	l able of spatial objects representing miks.	Additional information for fault management	Additional morniation for talik management	Additional Information for nydrant management	Additional miormation for valve management	Additional information for pump management	Additional Information for filter management	Additional information for measure instrument management	Additional Information for pipe management	Contains the elements	Contains the elements related to arc.
	context	external table	external table	external table	external catalog	external table	external table	external table	external table	external catalog	external table	external table	external table	system structure	system structure	system structure	catalog	catalog	catalog	catalog	catalog	catalog	catalog	catalog	catalog	catalog	catalog	catalog	catalog	value domain (type)	value domain (type)	value domain (type)	value domain (type)	GIS feature	GIS leature	GIS reature	GIS leature	GIS leature	GIS leature	GIO legitife Additional info of OIO footius	Additional Info of GIS feature	Additional IIIIO of GIS feature	Additional Info of GIS feature	Additional IIIIo of GIS leature	Additional info of GIS feature	Additional Into of GIS feature	Additional Info of GIS feature	Additional Into of GIS feature	GIS reature	GIS reature
	þi	ext_streetaxis	ext_urban_propierties	ext_cat_period	ext_cat_scada	ext_rtc_scada	ext_rtc_scada_x_value	ext_rtc_scada_x_data	ext_rtc_scada_dma_period	ext_cat_hydrometer	ext_rtc_hydrometer	ext_rtc_hydrometer_x_value	ext_rtc_hydrometer_x_data	arc_type	node_type	element_type	cat_mat_arc	cat_mat_node	cat_arc	cat_node	cat_mat_element	cat_element	cat_connec	cat_soil	cat_builder	cat_work	cat_owner	cat_pavement	cat_press_zone	man_type_category	man_type_fluid	man_type_location	connec_type	Sector	enou	arc dmo	ullia	COILLEC	VIIOde	IIIIK	man_junction	lilali_talik	man_nydrant	man_valve	man_pump	man_niter	man_meter	man_pipe	element	element_x_arc

ssol l	context GIS feature GIS feature GIS feature value domain (value) Selector Hydraulic input data	Contains the elements related to nodes Contains the elements related to nodes Contains the elements related to connects Domain data with value describing the state Domain data with value describing the verification status. Domain data with value of sescibing the state Domain data with values yes/no Defines guide connects Defines along the state of the st
inp_value_opti_units inp_value_param_energy H inp_value_reactions_gl H inp_value_yesno H inp_value_yesno H	Hydraulic input data Hydraulic input data Hydraulic input data Hydraulic input data Hydraulic input data	Domain data with unit measure type  Domain data with parameters type used to calculate energy  Domain data used to determine the general coefficiency of reaction  Domain data with values yes/no  Domain data with values yes/no/all

WS – TABLE	context	Hvdraulic input data	Define		Hydraulic input data Configuration table to link QGIS and Giswater	Selector Selector of an alternative result (to compare with other results)	Hydraulic result data Contains the results of arc elements					c result data	Sector		Hydraulic input data Contains information about short pipes (nodes on GIS features, arc on model as shutoff valve, flowmeteror check valve	Hydraulic input data Value domain of the pipe status	Hydraulic input data Value domain of the pump status	Hydraulic input data Value domain of the valve status	Hydraulic input data Value domain of times	Hydraulic input data Temporary table of nodes with results from the hydraulic model	•	Document management Contains the document's types.	Document management catalog of tags. It's like a stuctured list of document classification	Document management Contains URL or folder path where the documents are.			Document management Contains the information of document related to connects.									•	•		•	Domai			•	•		View fo				,	- •	Analysis I able with the results of mincut analysis (connec)	
	þi	nela euley ani	inp_value_pian	יוול_ימועפ	inp_giswater_config	rpt_selector_compare	rpt_arc	rpt energy usage	rnt hydraulic status	rnt node		rpt_cat_result	inp_selector_sector	inp_selector_state	inp_shortpipe	inp_value_status_pipe	inp_value_status_pump	inp_value_status_valve	inp_value_times	temp_node	temp_arc	doc_type	cat_tag	doc	doc_x_node	doc_x_arc	doc_x_connec	rtc_options	rtc scada node	rtc scada dma	rtc scada x sector	rtc value opti coef	rtc value opti status	rtc hydrometer x connec	plan psector	plan arc x psector	plan node x psector	plan other x psector	plan arc x pavement	plan value ps priority	plan selector economic	plan selector psector	price simple	price compost	price compost value	price value unit	anl mincut polygon	anl mincut node	anl mincut arc	ani_nilicut_aic	ani_lillicat_valve	ani vaiveanaviics cuiiiec	1

		WS - TABLE
Þi	context	description
config	utils	Table to define diferent configuration parameters related to the GIS USER interface.
config csv import	utils	Table to define the tables enabled for csv import tool
db cat table	utils	Table with the information of tables of the project
v audit schema column		
db cat view	ntils	Table with the information of views of the project
db cat columns	utils	
db_cat_clientlayer	utils	Table with the information of GIS layers of the project
anl node orphan	utils	Table with the results of the topology process of node orphan function
anl node sink	ntils	Table with the results of the topology process of node sink function
anl_node_duplicated	utils	Table with the results of the topology process of node duplicated function
anl arc same startend	utils	Table with the results of the topology process of arcs with same node initial and end function
audit cat error	ntils	Catalog of errors
audit cat function	utils	Catalog of functions
audit function actions	utils	Table to store information about traceability of user actions with functions
anl connec duplicated	Analysis	Table of duplicated connecs
an mincut result cat state	Analysis	Table of states of minimum cut results catalog.
ext_postnumber	external table	Table of entrance numbers.
config_search_plus	utils	Table to define the configuration of search plus tool
point	GIS feature	Table of spatial objects representing points.
and mincut result hydrometer	Analysis	Table of minimum cut analysis related to hydrometers.
inp project id	Hydraulic input data	Table with information of the project
config extract raster value		Table to define the configuration of extracting values from raster
config ui forms	ntils	Table to define the configuration of forms.
anl mincut result cat	Analysis	Catalog of minimum cut analysis results.
and mincut result cat type	Analysis	
an minout recult are	Applyeic	Table of principle analysis related to acce.
on minutelesural	Allalysis	Table of minimum and mary's letated to does.
ani_mincut_resuit_ponygon	Analysis	Table of minimum cut analysis related to polygons.
ani_mincut_resuit_connec	Analysis	Table of minimum cut analysis related to connecs.
rtc_scada_x_dma	Real time control	Contains the information to link SCADA with dma
rtc_hydrometer	Real time control	Contains the information to link SCADA with hydrometers
presszone	GIS feature	Table of spatial objects representing Pressure zones
point_type	value domain (type)	Domain data with connects types
anl_mincut_result_valve	Analysis	Table of minimum cut analysis related to valve.
anl_mincut_result_node	Analysis	Table of minimum cut analysis related to nodes.
anl_mincut_result_selector	Analysis	Table of minimum cut analysis related to selector.  Dodana to innation footing for defining multiple water domands at innation padas. WADNING: If this innation values are used the value.
inp demand	Hydraulic input data	of junction is ignored.
ext type street	external table	Catalog of street types.
om_visit	O&M information	Table of all visits that took place.
anl_arc_no_startend_node	Analysis	Table with the results of the topology process of arcs with no nodes on start and/or end function
om visit event	O&M information	Table of events that took place during the visit.
om_visit_parameter	O&M information	Catalog of parameters related to event types.
om_visit_parameter_type	O&M information	Catalog of types of events.
om_visit_x_arc	O&M information	Table of visits related to arc.
om_visit_x_connec	O&M information	Table of visits related to connec.
om_visit_x_gully	O&M information	Table of visits related to gully.
om_visit_x_node	O&M information	Table of visits related to node.
anl_selector_state	Analysis	Domain data with value describing the state for analysis.
config_py_tables	utils	Table with layers which are necessary to the correct functioning of the plugin

Additional find   Content   Conten			
lector_state	Þi	context	description
masterplan  GIS feature  GIS feature  GIS feature  GIS feature  GIS feature  GIS feature  Additional info of GIS feature  Information  Additional info of GIS feature  GIS feature  GIS feature  GIS feature  Additional info of GIS feature  Hydraulic feature  Hydraulic feature  Hydraulic feature  Hydraulic feature  Hydraulic feature  Hydraulic input data  Hyd	om visit value nosition	O&M information	Catalon of event's location.
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cals reature  Gls feature  Gls feature  anhole  Additional info of Gls feature  Infl  Additional info of Gls feature  Additional info of Gls feature  Additional info of Gls feature  Hydraulic feature  Hydraulic feature  Hydraulic feature  Hydraulic feature  Hydraulic feature  Additional info of Gls feature  Hydraulic input data	piani_serector_state	liasterplair	Tollian data will vaute describing the state for master plan
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annuain  Additional info of GIS feature Bector_state  Additional info of GIS feature Addition	lood	GIS feature	Table of spatial objects representing pools.
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Additional info of GIS feature Buction Additional info of GIS feature Additional info of GIS	man_greentap	Additional info of GIS feature	Additional information for greentap management
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aram_bool aram_bool aram_bool aram_bool aram_bool aram_loat bydraulic feature bydraulic feature bydraulic feature bydraulic feature bydraulic feature bydraulic input data	man_waterwell	Additional info of GIS feature	Additional information for waterwell management
baram_bool  utils  baram_float  utils  baram_int  utils  baram_int  utils  baram_int  utils  lode  GIS feature  GIS feature  GIS feature  GIS feature  GIS feature  Apdraulic feature  Hydraulic input data	man_wjoin	Additional info of GIS feature	Additional information for wjoin management
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rich GIS feature  GIS feature  GIS feature  GIS feature  GIS feature  Hydraulic input data	v_edit_node	GIS reature	Shows editable information about nodes.
link GIS feature  Gals feature  Apdraulic feature  Hydraulic input data	v_edit_arc	GIS feature	Shows editable information about arcs.
GIS feature rable	v_edit_link	GIS feature	Shows editable information about links.
hydraulic feature thema_data_integrity utils hydraulic feature hydraulic input data	v_edit_valve	GIS feature	Shows editable information about valves.
chema_data_integrity utils  hydraulic feature  hydraulic input data	/_edit_inp_junction	Hydraulic feature	Shows editable information about node type junction
Hydraulic feature Hydraulic feature Hydraulic feature Hydraulic feature Hydraulic feature Hydraulic feature Hydraulic input data	audit schema data integrity	utils	Result of data integrity audit
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Schema_foreign_column  np_valve	/_edit_inp_tank	Hydraulic teature	Snows editable information about node type tank
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hydraulic input data GIS feature GIS feature GIS feature GIS feature GIS feature Additional info of GIS feature Additional info of GIS feature Hydraulic input data	v_edit_inp_valve	Hydraulic feature	Shows editable information about node type valve
Hydraulic input data  Hydraulic input data  GIS feature Additional info of GIS feature Hydraulic input data	v_edit_inp_shortpipe	Hydraulic input data	Shows editable information about editable features of shortpipe.
Hydraulic input data  GIS feature  Additional info of GIS feature  Hydraulic input data	/_arc	Hydraulic input data	Shows the arc data.
node1 GIS featurenode2 GIS featurenode	/ node	Hydraulic input data	Shows the node data.
GIS feature GIS feature Additional info of GIS feature Additional info of GIS feature Additional info of GIS feature Hydraulic input data	- v arc x node1	GIS feature	Shows the relation between arc and node 1.
GIS feature Additional info of GIS feature Hydraulic input data	/ arc x node2	GIS feature	Shows the relation between arc and node 2
Additional info of GIS feature Additional info of GIS feature Additional info of GIS feature Hydraulic input data	v arc x node	GIS feature	Shows the relation between arc and nodes.
Additional info of GIS feature Additional info of GIS feature Additional info of GIS feature Hydraulic input data	v ii element x node	Additional info of GIS feature	Contains the elements related to node 1 ser interface view
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Additional into of city realite Hydraulic input data	v_ul_elelilelil_x_alc	Additional IIII0 of GIS feature	Collians the elements reacted to air. Ose mentack view.
Hydraulic input data	v_ui_element_x_connec	Additional into of GIS feature	Contains the elements related to connec. User Interface view.
Hydraulic input data	v_inp_curve	Hydraulic input data	Shows the information about definition of the curve
Hydraulic input data	v_inp_demand	Hydraulic input data	Shows the information about node's demand
Hydraulic input data	v_inp_emiter	Hydraulic input data	Shows the information about transmitters
Hydraulic input data	v_inp_energy_el	Hydraulic input data	Shows the information about energy elements
Hydraulic input data Hydraulic input data Hydraulic input data Hydraulic input data	v inp junction	Hydraulic input data	Shows the information about node type junction
Hydraulic input data Hydraulic input data Hydraulic input data	v ino mixina	Hydraulic input data	Shows the information about mixing type inside tanks
Hydraulic input data Hydraulic input data	v ine options	Hydraulic input data	Shows the general information with the simulation options
Hydraulic impartata	v inn nine	Hydraulic input data	Shows their formation about arc two nine
ויסיום יויסיום		Hydraulic input data	Chouse the information about node two numbers
	dilind_dili_v	חשמוש שווים וווים ווים ווים ווים ווים ווים	Shows the final mount about 10de type pump

WS – TABLE	description	Shows the information about node type reservoir	Shows the information about the control rules.	information about shortpipes.	Shows the information about contamination sources	the information about the pipelines' state	the information about node type tank	the information about weather parameters	the information about the valves regulated by the curve	the information about the valves regulated by the flow	the results of the arcs simulation	the information about the valves regulated by the coefficiency of losses	the information about the valves regulated by the pressure	the information about the pipelines' vertexes geometry	the results of the energy usage	the results of hydraulic status	the results of the nodes simulation	the results of the alternative result (to compare on QGIS project) related to arc information		Shows the results of the alternative result (to compare on QGIS project) related to hydraulic stataus	the results of the alternative result (to compare on QGIS project) related to node	the information of document related to nodes. User Interface view.	the information of document related to arcs. User Interface view.	the information of document related to connects. User Interface view.	Shows the scada data related to the node User interface table.	Shows the hydrometer data related to connects User interface table.	pode	or code	epo:	pode	abo:	ραe	ode	900	or code	ang	View where is showed the characteristicis of arc by lineal meter (soil, payement)	View where is showed the economic characteristicis of arc by lineal meter (soil, pavement,) by lineal meter	View to show full data of cost of arc	View only with the most important information about the cost of the arc	View only with the most important information about the cost of the node	View to show arcs related to plan sectors.	View to show nodes related to plan sectors.	View to show sectors with the related arcs	View to show sectors with the related nodes	View to show other issues of budget related to plan sectors.	View to show sectors with the related other issues of budget	View to show sectors planifieds
	context	Hydraulic input data Shows th	Hydraulic input data Shows th	Hydraulic input data Shows in			Shows	Shows	Hydraulic input data Shows th	Hydraulic input data Shows th	Hydraulic result data Shows th	Shows	Shows	Shows	Shows	Shows	Shows			Shows	Shows	Shows	Shows	yement Shows		ontrol	Viewf							View t		View for code												
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vaudit_functions v_audit_schema_catalog_column v_audit_schema_catalog_compare_ column v_audit_schema_foreign_column_a ux v_audit_schema_foreign_compare_table ux v_audit_schema_foreign_compare_table v_audit_schema_foreign_compare_table v_audit_schema_foreign_table v_audit_schema_foreign_table v_inp_arc_x_node v_int_anl_babre v_int_anl_babre v_int_anl_babre v_int_man_fountain v_int_man_manhole v_int_man_manhole v_int_man_manhole v_int_man_manhole v_int_man_manhole v_int_man_manhole v_int_man_manhole v_int_man_watenwell v_int_man_watenwell v_int_man_watenwell v_int_man_wisit_x_arc v_int_man_visit_x_arc v_int_man_vi	
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lable and the state of the stat	Shows editable information about connecs. Shows editable information from valve analysis Shows editable information about links. Shows editable information about fountain Shows editable information about greentap. Shows editable information about hydrant Shows editable information about tap Shows editable information about tap
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	Shows editable information about junction
	Shows editable information about manhole
	Shows editable information about meter
	Shows editable information about pump
	Shows editable information about reduction
	Shows editable information about source
	Shows editable information about tank
	Shows editable information about valves
	Shows editable information about waterwell
	Shows editable information about wioin
	Shows the visits related to elements related to arcs. User Interface view
	Shows the visits related to elements related it connects like I like I like I was
	Shows the visits related to elements related it nordes. I ker Interface view.
	Chouse the bi-decomptor positions
	Shows the hydrometer periods.
0	System view
eriod	System view
v_rtc_hydrometer_x_arc Real time control	System view
v_rtc_hydrometer_x_node_period Real time control	System view
v_anl_mincut_connec	View with aggregated information of the results of mincut analysis (connec)
v anl mincut hydrometer Analysis	View with aggregated information of the results of mincut analysis (hydrometers)
Jed	
v_anl_mincut_result_arc Analysis	

WS – TABLE	description	Shows editable information data from hydrometers related to connecs. Shows information about urban properties and related to them connecs. Shows information about connecs. Shows information about connecs. Shows information about connecs. Shows information about nodes. Shows the datails of the node price. Shows the bydrometer receivers. Shows the hydrometer receivers related to connecs. Shows the scada receivers Shows the scada receivers Shows the scada values.
	context	Analysis Real time control GIS feature masterplan masterplan masterplan Real time control Analysis external table Hydraulic input data Selector Hydraulic input data
	þi	v_ani_mincut_result_hydrometer Analysis v_ani_mincut_result_hydrometer_co Analysis v_ani_mincut_result_hydrometer_co Analysis v_ani_mincut_result_node_compare Analysis v_ani_mincut_result_node_compare Analysis v_ani_mincut_result_result_connec Analysis v_ani_mincut_result_result_connec Analysis v_ani_mincut_result_result_connec Analysis v_ani_mincut_result_result_connec Analysis v_ani_mincut_result_valve Analysis v_ani_mincut_result_valve Compare Analysis v_ani_mode Analysis v_edit_rtc_hydrometer Connec Real time v_rec_scada v_man_connec GIS feati masterpl v_price_x_arc GIS feati masterpl v_trc_scada v_trc_hydrometer_sconnec Real time v_rtc_scada_data v_rtc_scada_data Real time v_rtc_scada_data v_rtc_scada_data Real time v_rtc_scada_data v_rtc_scada_data Real time Real time v_rtc_scada_data Real time Real time v_rtc_scada_data Real time v_rtc_scada_data Real time Rea

WS – COLUMN	description	Price	description of the table	Autonumeric field to store unique values for each row (primary key)	Type of the node	Type of column	Description of analysis.	Node identifier	Arc identifier	Node type.	Street name.	Field ready to insert text for additional information.	Line geometry field.	ID of a urban properites. Primary key.	Code of the property.	Street at which the property is located.	Post number of the property.		Location of a property.	Square at which the property is located.	Line geometry field.	ID of a period catalog. Primary key.	Defines the begining of the period.	Defines the end of the period.	Period of time expressed in seconds.	Comments related to period catalog. Additional information	ID of a scada catalog. Primary key.	Type of data coming from scada.	Type of units in which the data is expressed.	Field ready to insert text for additional information.	Field ready to insert text for additional information.	Field ready to insert text for additional information.	Field to store link to information related to the scada's catalog.	Field to store URL or folder path with more information related to the scada's catalog.	Picture related to the material.	Symbology.	ld of a related scada receiver.	Id of the related scada catalog element.	Field ready to insert text for additional information.	Autonumeric field to store unique values for each row (primary key).	ld of a related scada receiver.	Value obtained from scada.	Date of capturing the data.	Time interval in which the data was captured expressed in seconds.	Autonumeric field to store unique values for each row (primary key).	ld of a related scada receiver.	Minimum value.	Maximum value.	Average value.	Sum of the values.
	column_type	Numeric(12.4)	text	int4	Varchar(30)	int4	text	Varchar(16)		varchar(30)	Varchar(100)	text	public.geometry	Varchar (16)	Varchar (30)	Varchar (16)	Varchar (16)	Varchar (16)	Varchar (16)	Varchar (16)	public.geometry	Varchar (16)	Timestamp(6)	Timestamp(6)	int	Varchar (100)	Varchar (16)	Varchar (30)	Varchar (12)	Varchar (100)	Varchar (100)	Varchar (100)	Varchar (512)	Varchar (512)	Varchar (512)	Varchar (50)	Varchar (16)	Varchar (16)	text	int8	Varchar (16)	float	Timestamp(6)	int4	int8	Varchar (16)	float	float	float	float
	column_id	price	description	pi	node_type	db_cat_table_id	anl_descript	node_id	arc_id	node_type	name	text	the_geom	pi	epoo	streetaxis	postnumber	complement	placement	square	the_geom	Ō	starttime	endtime	period_seconds	comment	<u>p</u> i	data_type	nnits	text1	text2	text3	link	lun .	picture	svg	scada_Id	cat_scada_id	text	Ō	scada_id	value	timestamp	interval_seconds	:	scada_id	min	max	avg	sum
	table_id	price simple	db_cat_view	db_cat_columns	anl_node_orphan	db_cat_columns	anl_mincut_result_cat	anl_node_orphan	anl_arc_same_startend	temp_node	ext_streetaxis	ext_streetaxis	ext_streetaxis	ext_urban_propierties	ext_urban_propierties	ext_urban_propierties	ext_urban_propierties	ext_urban_propierties	ext_urban_propierties	ext_urban_propierties	ext_urban_propierties	ext_cat_period	ext_cat_period	ext_cat_period	ext_cat_period	ext_cat_period	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_rtc_scada	ext_rtc_scada	ext_rtc_scada	ext_rtc_scada_x_value	ext_rtc_scada_x_value	ext_rtc_scada_x_value	ext_rtc_scada_x_value	ext_rtc_scada_x_value	ext_rtc_scada_x_data	ext_rtc_scada_x_data	ext_rtc_scada_x_data	ext_rtc_scada_x_data	ext_rtc_scada_x_data	ext_rtc_scada_x_data

			WS - COLUMN
table_id	column_id	column_type	description
ext rtc scada x data	cat period id	Varchar(16)	Id of a related period catalog.
ext_rtc_scada_dma_period	i pi	int8	Autonumeric field to store unique values for each row (primary key).
ext rtc scada dma period	dma id		ID of the related management area related (District Meter Area)
ext rtc scada dma period	m3 min	float	Minimum value.
ext_rtc_scada_dma_period	m3_max	float	Maximum value.
ext rtc scada dma period	m3_avg	float	Average value.
ext_rtc_scada_dma_period	m3_total_period	float	
ext_rtc_scada_dma_period	cat_period_id	Varchar (16)	Id of the related period catalog element.
ext cat hydrometer	, pi	Varchar (16)	Autonumeric field to store unique values for each row (primary key).
ext_cat_hydrometer	text2	Varchar (100)	Field ready to insert text for additional information.
ext cat hydrometer	text3	Varchar (100)	Field ready to insert text for additional information.
ext_cat_hydrometer	link	Varchar (512)	
ext cat hydrometer	url	Varchar (512)	Field to store URL or folder path with more information related to the hydrometer's catalog.
ext cat hydrometer	picture	Varchar (512)	Picture related to the material.
ext cat hydrometer	Svg	Varchar (50)	Symbology.
ext rtc hydrometer	hydrometer id	Varchar(16)	ID of a hydrometer. Primary key.
ext rtc hydrometer	cat hydrometer id	Varchar(16)	ID of a related hydrometer catalog element.
ext_rtc_hydrometer_x_value	ı , pi	int8	Autonumeric field to store unique values for each row (primary key).
ext_rtc_hydrometer_x_value	hydrometer_id	Varchar(16)	ld of a related hydrometer.
ext_rtc_hydrometer_x_value	value	float	Value obtained from hydrometer.
ext_rtc_hydrometer_x_value	timestamp	Timestamp(6)	Date of capturing the data.
ext_rtc_hydrometer_x_value	interval_seconds	int4	Time interval in which the data was captured expressed in seconds.
ext_rtc_hydrometer_x_data	pi	int8	Autonumeric field to store unique values for each row (primary key).
ext_rtc_hydrometer_x_data	hydrometer_id	Varchar(16)	Id of a related hydrometer.
ext_rtc_hydrometer_x_data	min	float	Minimum value.
ext_rtc_hydrometer_x_data	max	float	Maximum value.
ext_rtc_hydrometer_x_data	avg	float	Average value.
ext_rtc_hydrometer_x_data	sum	float	Sum of the values.
ext_rtc_hydrometer_x_data	cat_period_id	Varchar (16)	Id of the related period catalog element.
arc_type	<u>p</u>	varchar(18)	Custom type of arc defined by the user. The relation with type is n to 1.
arc_type	type	varchar(18)	Type of arc. The data of this field is system data
arc_type	epa_default	varchar(18)	Default's value of EPA software. The data of this field is system data
arc_type	man_table	varchar(18)	Name of the table with additional information of feature (management information). The data of this field is system data
node	node_ld	varchar(16)	Node Identifier Primary Key
arc_type	epa_table	varchar(18)	Name of the table with additional information of feature (hidraulic model). The data of this field is system data
arc_type	event_table	varchar(18)	Name of the table with additional information of feature (operation information). The data of this field is system data Custom thing of additional burths user. The calculation with thing is a to 1
addo timo	٦ <del>-</del>	varchar(10)	CUSTON TYPE OF FIGURE BEING ON THE BEST THE FIGURE OF THE TABLE THE TABLE THE TABLE TABLE TO A TABLE TABLE TO THE TABLE TABLE TABLE TO TABLE TABLE TO TABLE TABLE TO TABLE TAB
node twe	type opa dofault	varchar(18)	Type of Mode. The data of this field is system data. Defaulte value of EDA coftware. The data of this field is exstem data.
cat connec	cpa_actain	varchar(16)	Type of the councer
node type	nan tahle	varchar(18)	if yet of the table with additional information of feature (management information). The data of this field is system data
node type	epa table	varchar(18)	Name of the table with additional information of feature (hidraulic model). The data of this field is system data
node_type	event_table	varchar(18)	Name of the table with additional information of feature (operation information). The data of this field is system data
element_type	þį	varchar(18)	Type of element adapted to reality, and ready to translate. The relation with type is n to $oldsymbol{1}$
element_type	event_table	varchar(18)	Name of the table with additional information of feature (operation information). The data of this field is system data
cat_mat_arc	p <u>i</u>	varchar(30)	ID of arc's material catalog. Primary key.
cat_mat_arc	descript	varchar(512)	Field to store additional information about the material
cat_mat_arc	roughness	Numeric(12,4)	Roughness of the material.
cat_mat_arc	link	varchar(512)	Field to store link to information related to the arc's material catalog.

			WS - COLUMN
table_id	column_id	column_type	description
cat mat arc	nrl	varchar(512)	Field to store URL or folder path with more information related to the arc's material catalog.
cat_mat_arc	picture	varchar(512)	Picture related to the material.
cat_mat_node	þi	varchar(30)	ID of node's material catalog. Primary key.
cat_mat_node	descript	varchar(512)	Field to store additional information about the material.
cat_mat_node	roughness	Numeric(12,4)	Roughness of the material.
cat_mat_node	link	varchar(512)	Field to store link to information related to the node's material catalog.
cat_mat_node	nı	varchar(512)	Field to store URL or folder path with more information related to the node's material catalog.
cat_mat_node	picture	varchar(512)	Picture of a material.
cat_arc	, Di	varchar(30)	ID of the arc catalog. Primary key.
cat_arc	arctype_id	varchar(16)	Type of arc identifier related to the primary key of arc_type table.
cat_arc	matcat_id	varchar(30)	Material catalog identifier.
cat_arc	moud	varchar(16)	Nominal pressure.
cat arc	dnom	varchar(16)	Nominal diameter.
cat arc	dint	Numeric(12,5)	Internal diameter of the arc
cat arc	dext	Numeric(12,5)	Diameter exterior.
cat arc	descript	varchar(512)	Field to store additional information about the cataloa.
	ink	varchar(512)	
cat arc	nl	varchar(512)	
cat arc	picture	varchar(512)	Picture of an arc.
cat arc	D/S	varchar(50)	Symbology.
arc	node 2	varchar(16)	Node located at the end of the arc.
cat arc	z1 _	Numeric(12,2)	Distance from the bottom of the trench of conduit to the top of the conduit's protection material
cat arc	22	Numeric(12,2)	Distance from the top of the conduit to the top of the conduit's protection material
cat arc	width	Numeric(12,2)	Maximum width of the conduit's section (by point of view of constructive issues). Often is the same value that (geom $2 + 2$ *bulk)
cat arc	area	Numeric(12,4)	Full area of the conduit's section
cat arc	estimated depth	Numeric(12.2)	In case no data of denth of conduit this denth is used to estimate the budget.
cat arc	bulk	Numeric(12.2)	
		(111)	Units measurements. (Only ml or ut. are allowed values). Sometimes the budget of an arc could be treated as unitary price
cat_arc	cost_unit	Varchar(3)	(applied using length=1)
cat_arc	cost	varchar(16)	(Price_compost.id) of full cost of conduit's subministration and installation
cat_arc	m2bottom_cost	varchar(16)	(Price_compost.id) of full cost of bottom's trench arrangement
cat_arc	m3protec_cost	varchar(16)	(Price_compost.id) of full cost of conduit's proteccion material
cat_node	þi	varchar(30)	ID of the node catalog. Primary key.
cat_node	nodetype_id	varchar(16)	ID of the related node type.
cat_node	matcat_id	varchar(30)	ID of the related material type.
cat_node	moud	varchar(16)	Nominal pressure.
cat_node	dnom	varchar(16)	
cat_node	dint	Numeric(12,5)	Internal diameter of the node
cat_node	geometry	varchar(30)	Geometry of the node.
cat_node	descript	varchar(512)	Field to store additional information about the catalog.
cat_node	link	varchar(512)	
cat_node	nrl	varchar(512)	Field to store URL or folder path with more information related to the node catalog.
cat_node	picture	varchar(512)	Picture of an arc.
cat_node	svg	varchar(50)	Pictogram of the symbology.
cat_node	estimated_depth	Numeric(12,2)	In case no data of depth of conduit this depth is used to estimate the budget. Units measurements. (Only ml or ut, are allowed values). Sometimes the budget of an node could be treated as lineal price (using
cat node	cost unit	Varchar(3)	the depth as length to compute the cost)
cat_node	cost	varchar(16)	(Price_compost.id) of full cost of conduit's subministration and installation
cat mat element	þi	varchar(30)	ID of elements material catalog. Primary key.
cat_mat_element	descript	varchar(512)	Field to store additional information about the material.

			WS - COLUMN
table_id	column_id	column_type	description
cat_mat_element	link	varchar(512)	Field to store link to information related to the element's material catalog.
cat_mat_element	nrl	varchar(512)	Field to store URL or folder path with more information related to the element's material catalog.
cat_mat_element	picture	varchar(512)	Picture of the material.
cat_element	p <u>i</u>	varchar(30)	ID of the element catalog. Primary key.
cat_element	elementtype_id	varchar(30)	Element type identifier.
cat_element	matcat_id	varchar(30)	Material catalog identifier.
cat_element	geometry	varchar(30)	Geometry of the element.
cat_element	descript	varchar(512)	Field to store additional information about the catalog.
cat_element	link	varchar(512)	Field to store link to information related to the element catalog.
cat_element	url	varchar(512)	Field to store URL or folder path with more information related to the element catalog.
cat_element	picture	varchar(512)	Picture of the element.
cat_element	svg	varchar(50)	Pictogram of the symbology.
cat_connec	pi	varchar(30)	ID of the connect catalog. Primary key.
cat_connec	matcat_id	varchar(16)	Material catalog identifier.
cat_connec	_ moud	varchar(16)	Nominal pressure.
cat_connec	dnom	varchar(16)	Nominal diameter.
cat connec	geometry	varchar(30)	Geometry of the connect.
cat connec	descript	varchar(512)	Field to store additional information about the catalog.
cat connec	Iink	varchar(512)	Field to store link to information related to the connect catalog.
cat connec	חק	varchar(512)	Field to store URL or folder path with more information related to the connect catalog.
cat connec	picture	varchar(512)	Picture of the connect.
cat connec	bas	varchar(50)	Pictogram of the symbology.
cat_soil		varchar(30)	ID of the soil. Primary key.
cat soil	descript	varchar(512)	Description of a soil type. Additional information
cat_soil	ink	varchar(512)	Field to store link to information related to the soil catalog.
cat_soil	nrl	varchar(512)	Field to store URL or folder path with more information related to the soil catalog.
cat_soil	picture	varchar(512)	Picture of the soil
:		;	Slope of the wall of the trench. On the expression (a:y_param) 'a' is the horitzontal distance and y_param is the vertical distance of
cat_soil	y_param	Numeric(5,2)	the slope of the trench.
cat_soil	q	Numeric(5,2)	Value of the distance from conduit to the wall of the trenchline, measured on the bottom's trench.
cat_soil	trenchlining	Numeric(3,2)	Percentage of the trench where with trenchlining
cat_soil	m3exc_cost	Varchar(16)	Cost of excavation ( cubic meter)
cat_soil	m3fill_cost	Varchar(16)	Cost of filling the ( cubic meter)
arc	arccat_id	varchar(30)	Arc catalog identifier related to the primary key of arc table.
cat_soil	m3excess_cost	Varchar(16)	Cost of manage the excess of soil from the trench (cubic meter)
cat_soil	m2trenchl_cost	Varchar(16)	Cost of the trenchiling (square meter)
cat_builder	<u>p</u>	varchar(30)	ID of the builder. Primary key.
cat_builder	descript	varchar(512)	Description of the builder. Additional information
cat_builder	link	varchar(512)	Field to store link to information related to the builder catalog.
cat_builder	url	varchar(512)	Field to store URL or folder path with more information related to the builder catalog.
cat_builder	picture	varchar(512)	Picture of the builder.
cat_work	þi	varchar(30)	ID of the work. Primary key.
cat_work	descript	varchar(512)	Description of the construction work. Additional information
cat_work	ink	varchar(512)	Field to store link to information related to the work catalog.
cat_work	picture	varchar(512)	Picture of the construction work.
cat_owner		varchar(30)	ID of the owner. Primary key.
cat_owner	descript	varchar(512)	Description of the owner.
cat_owner	ATI.	varchar(512)	Field to store link to information related to the owner catalog.
cat_owner	picture	varchar(512)	Picture of the owner.

WS – COLUMN	description	ID of the pavement. Primary key.	Description of the pavement. Additional information	Field to store link to information related to the pavement.	Picture of the pavement.	Value of pavement thickness.	(Price_compost.id) of the full cost of pavement demolition and reconstruction.	ID of the press zone. Primary key.	Description of the pressure zone. Additional information	Field to store link to information related to the pressure zone.	Picture of the pressure zone.	ID of the management type category. Primary key.	Observations related to type category. Additional information	ID of the management type of fluid. Primary key.	Observations related to fluid type. Additional information	ID of the management location type. Primary key.	Observations related to type location. Additional information	ID of the connect type. Primary key.	Observations related to connect type. Additional information	Sector identifier. Primary key	Field to store additional information about the feature.	Polygon geometry field	Elevation of the node in it or m.	Depth of the node in ft or m.	Node catalog identifier related to the primary key of cat_node table	EPANET behaviour of the node.	Hydraulic sector identifier related to the primary key of sector table	Domain value of node's state.	Annotations related to node. Additional information.	Observations related to node. Additional information	Comments related to node. Additional information	ID of the management area related to the arc (District Meter Area)	ID of the soil related to the node.	ID of the category type related to node.	ID of the fluid type related to node.	ID of the location type related to node.	ID of the construction work related to node.	ID of the builder related to node.	ID of the construction date related to node.	ID of the owner related to node.	Field to store information about the adress of the feature.	Field to store information about the adress of the feature.	Field to store information about the adress of the feature.	Field to store additional information about the feature.	Field to use in order to rotate the symbology of the GIS canvas	Field to store link to information related to the node.	Value domain with information about the state of verification of the element (to review, verified, al)	Point geometry field	Arc identifier. Primary key	Node located at the beginning of the arc.
	column_type	Varchar(16)	text	varchar(512)	varchar(512)	Numeric(12,2)	Varchar(16)	Varchar(18)	text	Varchar(512)	Varchar(512)	varchar(20)	varchar(50)	varchar(20)	varchar(50)	varchar(20)	varchar(50)	varchar(20)	varchar(50)	varchar(30)	varchar(100)	public.geometry	Numeric(12,4)	Numeric(12,4)	varchar(30)	varchar(16)	varchar(30)	character varying(16)	character varying(254)	character varying (254)	character varying (254)	varchar(30)	varchar(16)	varchar(18)	varchar(18)	varchar(18)	varchar(255)	varchar(30)	timestamp(6)	varchar(30)	varchar(50)	varchar(50)	varchar(50)	varchar(254)	Numeric(6,3)	character varying(512)	varchar(16)	public.geometry	varchar(16)	varchar(16)
	column_id	pi	descript	link	picture	thickness	m2_cost	Þ	descript	link	picture	ō	observ	<u>D</u>	observ	ō	observ	₫.	observ	sector_id	descript	the_geom	elevation	depth	nodecat_id	epa_type	sector_id	state	annotation	observ	comment	dma_id	soilcat_id	category_type	fluid_type	location_type	workcat_id	buildercat_id	builtdate	ownercat_id	adress_01	adress_02	adress_03	descript	rotation	link	verified	the_geom	arc_id	node_1
	table_id	cat_pavement	cat_pavement	cat_pavement	cat_pavement	cat_pavement	cat_pavement	cat_press_zone	cat_press_zone	cat_press_zone	cat_press_zone	man_type_category	man_type_category	man_type_fluid	man_type_fluid	man_type_location	man_type_location	connec_type	connec_type	sector	sector	sector	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	node	arc	arc

table_id	column_id	column_type	WS – COLUMN  description  Hydraulic sector identifier related to the primary key of sector table
arc arc	epa_type state	varchar(16) character varying(16)	EPANET behaviour of the arc. (pipe or undefined) Domain value of arc's state (on service, planified, obsolete)
arc	annotation	character varying(254)	Annotations related to arc. Additional information
arc	comment	character varying (234)	Comments related to arc. Additional information
arc	custom_length	Numeric(12,2)	Customized length, not from GIS geometry. Used to customize the length of the element
arc	dma_id	varchar(30)	ID of the management area related to the arc (District Meter Area)
arc	soilcat_id	varchar(16)	ID of the soil related to the arc
arc	category_type	varchar(18)	ID of the category type related to arc
arc	fluid_type	varchar(18)	ID of the fluid type related to arc
arc	location_type	varchar(18)	ID of the location type related to arc
arc	workcat_la buildercat id	varchar(30)	ID of the builder related to arc
a c	builtdate	timestamp(6)	ID of the construction date related to arc.
arc	ownercat id	varchar(30)	ID of the owner related to arc.
arc	adress 01	varchar(50)	Field to store information about the adress of the feature.
arc	adress_02	varchar(50)	Field to store information about the adress of the feature.
arc	adress_03	varchar(50)	Field to store information about the adress of the feature.
arc	descript	varchar(254)	Field to store additional information about the feature.
arc	rotation	Numeric(6,3)	Field to use in order to rotate the symbology of the GIS canvas
arc	link	character varying (512)	Field to store URL or folder path with more information related to the arc
arc	verified	varchar(16)	Value domain with information about the state of verification of the element (to review, verified,â())
arc	the_geom	public.geometry	Linestring geometry field
dma	dma_id	varchar(30)	ID of the management area related to the arc (District Meter Area). Primary key.
dma	sector_id	varchar(30)	Hydraulic sector identifier related to the primary key of sector table
dma	presszonecat_id	Varchar(30)	Identifier of the pressure zone where the dma is located Field to other additional information about the feature
dma	descript	character varving (512)	Freid to store additional information. Observations related to dma. Additional information
2 E E	the geom	public geometry	Dokusta recomments field
uma	liloag_arii	public.geornetry	Polygon geometry held. Connec is the postnumber address of the building. Sometimes one connec is related to one
connec	connec_id	varchar(16)	hydrometer, some times not.
connec	elevation	Numeric(12,4)	Elevation of the connect in ft or m.
connec	depth	Numeric(12,4)	Depth of the connect in ft or m.
connec	connecat_id	varchar(30)	Connect catalog identifier
connec	sector_id	varchar(30)	Hydraulic sector identifier related to the primary key of sector table
connec	code	varchar(30)	Code of the connec from the comercial database or something equivalent
connec	n_hydrometer	int4,	Number of hydrometers related to the connec (From 1 to n).
connec	demand	Numeric(12,8)	Demand for water by the main category of consumer. Measured in the current flow units
connec	state	character varying(16)	Domain value of connect's state.
connec	annotation	character varying(254)	Annotations related to connect. Additional information.
connec	observ	character varying (254)	Observations related to connect. Additional information
connec	comment	character varying (254)	Comments related to connect. Additional information
connec	rotation	Numeric(6,3)	Field to use in order to rotate the symbology of the GIS canvas
connec	dma_id ::-:	varchar(30)	ID of the management area related to the connect (District Meter Area)
connec	soilcat_id	varchar(16)	ID of the soil related to the connect.
connec	category_type	varchar(18)	ID of the category type related to connct.
connec	fluid_type	varchar(18)	ID of the fluid type related to connect.
connec	location_type	varchar(18)	ID of the location type related to connect.

			WS - COLUMN
table_id	column_id	column_type	description
connec	workcat id	varchar(255)	ID of the construction work related to connect.
connec	buildercat id	varchar(30)	
connec	builtdate	varchar(12)	
Connec	ownercat id	varchar(30)	ID of the owner related to connect
Connec	adress 01	varchar(50)	Field to store information about the adress of the feature
connec	adress 02	varchar(50)	Field to store information about the adress of the feature.
Connec	adress 03	varchar(50)	Field to store information the adress of the feature
CONNEC	streetaxis id	Varchar(16)	Street identifier
opinos Sentos	nostnimber	Varchar(16)	Oper consummer
anl miner recult cat	postilalibei	Valcilal (±0) timestamp	
all Illicut result cat		unestamp	Field to choose additional information about the faction
כסוווים כ	describt	valcifal(234)	Tried to store administration adout the readile.
connec	ENK :	cnaracter varying (512)	Field to store link to information related to the connect.
temp_node	node_id	varchar(16)	i emporary node Identiner. Primary key
connec	Verified	varchar(16)	value domain with information about the state of verification of the element (to review, verified, a,))
connec	the_geom	public.geometry	Point geometry field
inp_report	f_factor	varchar(16)	Friction factor.
vnode	vnode_id	varchar(16)	Virtual node identifier. Primary key
vnode	arc_id	varchar(16)	Arc identifier related to the primary key of arc table
	;		Column to control when the user have moved the vnode (custom position, not automatic position). The goal of this control is
vnode	userdefined_pos	boolean	dissable the posibility to ovewrite the vnode position if
vnode	vnode_type	varchar(30)	Virtual node type.
vnode	sector_id	varchar(30)	Hydraulic sector identifier related to the primary key of sector table
vnode	state	character varying (16)	Domain value of virtual node's state.
vnode	annotation	character varying (254)	Annotations related to virtual node. Additional information.
vnode	the_geom	public.geometry	Point geometry field
link	link_id	varchar(16)	Link identifier. Primary key
link	the_geom	public.geometry	Linestring geometry field
link	connec_id	varchar(16)	Connect identifier related to the primary key of connec table
link	vnode_id	varchar(16)	Virtual node identifier.
link	custom_length	Numeric(12,3)	Custom length of the link.
man_junction	node_id	varchar(16)	Junction identifier.
man_junction	add_info	varchar(255)	Additional information about the feature
ext_type_street	þi	Varchar (20)	ID of a street type. Primary key.
ext_type_street	observ	Varchar (50)	Observations related to street type. Additional information
ext_streetaxis	Þ	Varchar(16)	ID of a street. Primary key.
ext_streetaxis	type	Varchar(18)	Street type.
inp_report	head	varchar(16)	Head in ft or m.
rpt_arc	þi	int4	Primary key for table.
man_tank	node_id	varchar(16)	Node identifier related to the primary key of the node table
man_tank	vmax	Numeric(12,4)	Maximum volumen of the tank
man_tank	area	Numeric(12,4)	Surface of the tank
man_tank	add_info	varchar(255)	Additional information about the feature
man_hydrant	node_id	varchar(16)	Node identifier related to the primary key of the node table
man_hydrant	add_info	varchar(255)	Additional information about the feature
man_valve	node_id	varchar(16)	Node identifier related to the primary key of the node table
man_valve	type	varchar(16)	Valve type identifier.
man_valve	opened	boolean	Configuration parameter used on fct_min_cut function
man_valve	broken	boolean	Configuration parameter used on fct_min_cut function
man_valve	add_info	varchar(255)	Additional information about the feature

ri older	bi amiloo	out amiles	WS – COLUMN
נמטוכ_ות		coldilliation	Indiacan
man_pump	node_id	varchar(16)	Node identifier related to the primary key of the node table
man_pump	add info	varchar(255)	Additional information about the feature
man filter	node id	varchar(16)	Node identifier related to the primary key of the node table
man filter	add info	varchar(255)	Additional information about the feature
man meter	pi abou	varchar(16)	Node identifier related to the primary key of the node table
man meter	add info	varchar(255)	Additional information about the feature
מיים מיים	ממי כי	varchar(233)	Additional information about the case of t
اااهاا أصالح	alc_ld 	valcilal(10)	Auditorial morninguori about tile valve type.
man_pipe	add_info	varchar(255)	Additional information about the feature
element	element_id	varchar(16)	Element identifier. Primary key
element	elementcat id	varchar(30)	Element catalog identifier
element	State	character varving (16)	Domain value of element's state
t 000 c	i i i i i i i i i i i i i i i i i i i	Vorobox(16)	Colored that the control of under an older to another the another to another the control of the colored the control of the colored the col
	daaniy	character varying (254)character varying	Jefeus tife type of water quality analysis to perform
		(254)character varying (254)character varying (254)character varying	
element	annotation	(254)	Annotations related to element. Additional information.
element	observ	character varying (254)	Observations related to element. Additional information
element	comment	character varying (254)	Comments related to element. Additional information
element	location_type	varchar(18)	ID of the location type related to element.
element	workcat id	varchar(255)	ID of the construction work related to element.
element	buildercat id	varchar(30)	ID of the builder related to element.
element	builtdate	timestamp(6)	ID of the construction date related to element.
element	ownercat_id	varchar(30)	ID of the owner related to element.
	I		Expiration date. Expected or real. The goal of this column is to enable the posilibity to have information of all the deprecated
element	enddate	timestamp(6)	elements of the infraestructure without delete it
element	rotation	Numeric(6,3)	Field to use in order to rotate the symbology of the GIS canvas
element	link	character varying (512)	Field to store link to information related to the element
element	verified	varchar(16)	Value domain with information about the state of verification of the element (to review, verified, âl)
element_x_arc	<u>D</u>	varchar(16)	Element related to arc identifier. Primary key.
element_x_arc	element_id	varchar(16)	Element identifier related to the primary key of element table
element_x_arc	arc_id	varchar(16)	Arc identifier related to the primary key of the arc table
element_x_node	p <u>i</u>	varchar(16)	Element related to node identifier. Primary key.
element_x_node	element_id	varchar(16)	Element identifier related to the primary key of element table
element_x_node	node_id	varchar(16)	Node identifier related to the primary key of the node table
element_x_connec	þi	varchar(16)	Element related to connect identifier. Primary key.
element_x_connec	element_id	varchar(16)	Element identifier related to the primary key of element table
element_x_connec	connec_id	varchar(16)	Connect identifier related to the primary key of connec table
value_state	þi	varchar(16)	ID of value state. Primary key.
value_state	observ	varchar(254)	Observations related to state. Additional information
value_verified	þi	varchar(16)	ID of verification status. Primary key.
value_verified	observ	varchar(254)	Observations related to verification status Additional information
value_yesno	þi	varchar(16)	ID of value yes/no. Primary key.
value_yesno	observ	varchar(254)	Observations related to yes/no value Additional information
man_selector_valve	p <u>i</u>	varchar(16)	ID of value man selector valve. Primary key.
temp node	elevation	numeric(12.4).	Elevation of the temporary node in ft or m.
temp node	depth	numeric(12,4).	Depth of the temporary node in ft or m.
temp node	nodecat id	varchar(30)	Node calaing identifier related to the primary key of cat node table
temp_node	Pha type	varchar(16)	FOUNT hehaviour of the mode
	2 d - 2	למו כוומו (דס)	

			WS - COLUMN
table_id	column_id	column_type	description
temp node	sector id	varchar(30)	Hydraulic sector identifier related to the primary key of sector table
temp_node	state _	character varying (16)	Domain value of node's state.
temp_node	annotation	character varying (254)	Annotations related to temporary node. Additional information.
temp_node	observ	character varying (254)	Observations related to temporary node. Additional information
temp_node	comment	character varying (254)	Comments related to temporary node. Additional information
temp_node	rotation	Numeric(6,3)	Field to use in order to rotate the symbology of the GIS canvas
temp_node	link	character varying (512)	Field to store link to information related to the temporary node.
temp_node	verified	varchar(16)	Value domain with information about the state of verification of the element (to review, verified, a)
temp_node	the_geom	public.geometry	Point geometry field
temp_arc	arc_id	varchar(16)	Temporary arc identifier. Primary key
temp_arc	node_1	varchar(16)	Node located at the beginning of the temporary arc.
temp_arc	node_2	varchar(16)	Node located at the end of the temporary arc.
temp_arc	arccat_id	varchar(30)	Arc catalog identifier related to the primary key of arc table.
temp_arc	epa_type	varchar(16)	EPANET behaviour of the temporary arc. (pipe or undefined)
temp_arc	sector_id	varchar(30)	Hydraulic sector identifier related to the primary key of sector table
temp_arc	state	character varying (16)	Domain value of temporary arc's state (on service, planified, obsolete)
temp_arc	annotation	character varying (254)	Annotations related to temporary arc. Additional information.
temp_arc	observ	character varying (254)	Observations related to temporary arc. Additional information
temp_arc	comment	character varying (254)	Comments related to temporary arc. Additional information
temp arc	custom length	Numeric(12,2)	Customized length, not from GIS geometry. Used to customize the length of the element
temp arc	rotation	Numeric(6,3)	Field to use in order to rotate the symbology of the GIS canvas
temp arc	ink	character varying (512)	Field to store link to information related to the temporary arc.
temp arc	verified	varchar(16)	Value domain with information about the state of verification of the element (to review, verified âl)
temp arc	the geom	public.geometry	Linestring geometry field
ing node type	) Di	varchar(16)	Value domain of EPANET node types.
			Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines
inp_backdrop	þi	int4	Giswater reads by this order the information. See definition and remark's section for more information.
inp_backdrop	text	varchar(254)	Text options Backdrop.
1000	. 3	. <u>.</u>	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines
sin inip_dili	<u>.</u>	0, .	g swater reads by this order the information.
inp_controls	text	varchar(254)	A Controls text. For more information, see appendix c of epanet user manual. Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines
inp curve	Þ	int4	Giswater reads by this order the information.
inp curve	curve id	varchar(16)	Name assigned to table.
inp_curve	x_value	Numeric(12,4)	An x (independent variable) value.
inp_curve	y_value	numeric(12,4)	An y (independent variable) value.
:	:		Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines
inp_curve_id	<u>pi</u>	varchar(16)	Giswater reads by this order the information. See definition and remark's section for more information.
inp_curve_id	curve_type	varchar(20)	Curve types include PUMP, EFFICIENCY, VOLUME, and HEADLOSS.
inp_demand	Ō	int4	Row id. Unique value needed.
inp_demand	node_id	varchar(16)	Node identifier related to the primary key of the node table
inp_demand	demand	Numeric(12,6)	Base demand (flow units).
inp_demand	pattern_id	varchar(16)	Demand pattern ID.
inp_demand	deman_type	varchar(18)	Name of demand category preceded by a semicolon.
inp_emitter	node_id	varchar(16)	Node identifier related to the primary key of the node table
inp_emitter	coef	numeric	Flow coefficient, flow units at 1 psi (1 meter) pressure drop.
inp_energy_el	<u>p</u>	int4	Row id. Unique value needed.
inp_energy_el	pi_dmnd	Varchar(16)	Node identifier related to the primary key of the node table
inp_energy_el	parameter	varchar(20)	Options parameters. Must be PRICE, PATTERN or EFFIC
inp_energy_el	value	varchar(30)	Value of the parameter selected

			WS - COLUMN
table_id	column_id	column_type	description
inp energy gl	.p.	int4	Row id. Unique value needed.
inp_energy_gl	energ_type	varchar(18)	Energy type. Must be GLOBAL or DEMAND CHARGE
inp_energy_gl	parameter	varchar(20)	Options parameters of energy applied to global features
inp_energy_gl	value	varchar(30)	Values for the selected parameter.
inp_junction	node_id	varchar(16)	Node identifier related to the primary key of the node table
inp_junction	demand	Numeric(12,6)	The spot elevation junction. (ff or m).
inp_junction	pattern_id	varchar(16)	Base demand (flow units). This field is optional.
ledel ani	.⊆	intA	Defines the older of the line text. You must to use this code in older to soft as you need the lines of text. As you soft the text intes Giswater reads by this order the information
inp label	xcoord	Numeric(18.6)	Construct i caas by this order fire information. Horizontal coordinate of vertex relative to origin in lower left of man
inn label	VCOOrd	Numeric(18.6)	Vertical coordinate of vertex relative to origin in lower left of man
inp label	label	varchar(50)	Text of labe in double quotes.
ing label	node id	varchar(16)	Node identifier related to the primary key of the node table
ing mixing	i abou	varchar(16)	Node identifier related to the primary key of the node table
ee.	E	varchar(18)	Defines the true of making model
9	into type	var cital (±9)	Comment in the part of the comment o
griff _ dri	value		Tonigatine would flaction.
inp_options	UNITS	varchar(20)	Type of units in which how rates are expressed.
suondo <sup>-</sup> dui	rieadioss	varchar(20)	Formula to use for computing flead loss for flow unrough a pipe. Allows you to either savethe current hydraulics solution to a file or usea previously saved hydraulics solution Allows you to either
inp_options	hydraulics	varchar(12)	The state of the density of the fluid heing modeled to that of water at AOC The ratio of the density of the fluid heing modeled to that
ino aptions	specific gravity	Numeric(12.6)	of water at 40°C.
inp options	viscosity	Numeric(12.6)	The kinematic viscosity of the fluid being modeled relative to that of water at 200C. The default value is 1.0
inn ontions	trials	Numeric(12.6)	The maximum number of trials used to solve network hydraulics at each hydraulic time step of a simulation. The default is 40
		(2,121)	Prescribes the convergence criterion that determines when a hydraulic solution has been reached. The trials end when the sum of
inp_options	accuracy	Numeric(12,6)	all flow changes from the previous solution divided by the total flow in all links is less than this number. The default is 0.001.
			Determines what happens if a hydraulic solution cannot be reached within the prescribed number of trialsat some hydraulic time
inp_options	unbalanced	varchar(12)	step into the simulation.
inp_options	checkfreq	Numeric(12,6)	Advanced hydrulic parameters from EPANET model.
inp_options	maxcheck	Numeric(12,6)	Advanced hydrulic parameters from EPANET model.
inp_options	damplimit	Numeric(12,6)	Advanced hydrulic parameters from EPANET model.
inp options	pattern	varchar(16)	Provides the ID label of a default demand pattern to be applied to all junctions where no demand pattern was specified.
inp_options	demand multiplier	Numeric(12,6)	Sclivistre in redway of bareing referrences have a more and a more and a more properties. The default is
inp_options	emitter_exponent	Numeric(12,6)	0.5.
inp_options	quality	varchar(18)	Selects the type of water quality analysis to perform
inp_options	diffusivity	Numeric(12,6)	The molecular diffusivity of the chemical being analyzed relative to that of chlorine in water. The default value is 1.0
oution and	000000	Numorio(12 6)	The difference in water quality level below which one can say that one parcel of water is essentially the same as another. The
inp_options	loleralice budgetting from	Nullienc(12,0)	Heritatul 18 U.S. 1
suondo-dui	nydraulics_mame	varchar(254)	I nydraunic miormation is related to file, this column stores the lotder path of this file
Inp_report	lengtn	varchar(16)	Length of the arc.
inp_report	diameter	varchar(16)	Diameter in inches or mm. In once that the budgardies madies a month he beleased during 40 trials upon a motor additional trials incoming into this polymer
inn ontions	unhalanced n	Numeric(12.6)	III case utat ute riyaradiic ariaisys wort use baariced duriing 40 utals, user carroustorii additional itiseturig iino uns coldriii the number of additional iterations
inn ontions		varchar(16)	in case to use quadronic frace id). The user must insent the node identifier into this column
inp pattern	, p	int4	Autonumeric field to store unique values for each row (primary key)
inp pattern	pattern id	varchar(16)	Pattern identifier.
inp pattern	factor 1	Numeric(12,4)	Pattern value (one or more multipliers).
inp pattern	factor 2	Numeric(12,4)	Pattern value (one or more multipliers).
inp pattern	factor 3	Numeric(12,4)	Pattern value (one or more multipliers).
inp pattern	factor 4	Numeric(12.4)	Pattern value (one or more multipliers)
inp pattern	factor 5	Numeric(12,4)	Pattern value (one or more multipliers).
ī	I		-

			WS - COLUMN
table_id	column_id	column_type	description
inp_pattern	factor_6	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_7	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_8	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_9	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_10	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_11	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_12	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_13	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_14	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_15	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_16	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_17	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_18	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_19	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_20	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_21	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_22	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_23	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pattern	factor_24	Numeric(12,4)	Pattern value (one or more multipliers).
inp_pipe	arc_id	varchar(16)	Arc identifier related to the primary key of arc table
inp_pipe	minorloss	Numeric(12,6)	Minor loss coefficient.
inp_pipe	status	varchar(12)	Status (OPEN, CLOSED or CV)
inp_shortpipe	node_id	varchar(16)	Node identifier related to the primary key of the node table
anl_mincut_result_cat	exec_user	varchar(30)	
inp_shortpipe	minorloss	Numeric(12,6)	Minor loss coefficient.
inp_shortpipe	to_arc	varchar(16)	This fields identifies the direction of the flow of the shortpipe, applied only for the case of check valves
inp_shortpipe	status	varchar(12)	Status (OPEN, CLOSED or CV)
dmnd_dui	node_id	varchar(16)	Node identifier related to the primary key of the node table
dmnd_dui	power	varchar	Write it POWER, leave a space and write the value of power. (Power value for constant energy pump, hp (kW))
dmnd_dui	curve_id	varchar	ID label of the curve used for the pump
dmnd_dui	speed	Numeric(12,6)	Write it SPEED, leave a space and write the value of speed. (Relative speed setting (normal speed is 1.0, 0 means pump is off))
rpt_cat_result	dam_li_thr	numeric	<b>পর্বাপনাত্র দির্ভাবিদার্গ ক্রিকিটিভ বিশিত signification</b> alue of pattern. (ID of time pattern that describes how speed setting varies with
dmnd_dui	pattern	varchar	me)
dmnd_dui	status	varchar(12)	Status (OPEN, CLOSED or CV)
inp_quality	node_id	varchar(16)	Node identifier related to the primary key of the node table
inp_quality	initqual	numeric	Initial quality.
inp_reactions_el	þi	int4	Row id. Unique value needed.
inp_reactions_el	parameter	varchar(20)	BULK, WALL or TANK. Used to override the global reaction coefficients for specific pipes and tanks
inp_reactions_el	arc_id	varchar(16)	Element ID with specific chemical reaction.
inp_reactions_el	value	numeric	Reaction coefficient vaules. For further information see appendix C of EPANET users manual.
inp_reactions_gl	þi	int4	Row id. Unique value needed.
inp_reactions_gl	react_type	varchar(30)	Reaction type. Must be ORDER or GLOBAL (see below) Ontions parameters. Must be RLILB, WALL TANK LIMITING POTENCIAL or ROLIGHNESS CORRELATION For further
inp reactions gl	parameter	varchar(20)	information see appendix C of EPANET users manual.
inp_reactions_gl	value	numeric	Value of the specified parameter
inp_report	pagesize	numeric	Sets the number of lines written per page of the output report. Default is 0.
inp_report	file	varchar(254)	Supplies the name of a file to which the output report will be written.
inp_report	status	varchar(4)	Determines whether a hydraulic status report should be generated.
inp_report	summary	varchar(3)	Determines whether a summary table of number of network components and key analysis

			WS - COLUMN
table_id	column_id	column_type	description
inn renort	Pherdy	varchar(3)	Determines if a table reporting average energy usage and cost for each pump is provided.Default is NO. For further information see anneadix C of FPANET users manual
inp_report	nodes	varchar(254)	Identifies which nodes will be reported on.
inp_report	links	varchar(254)	Identifies which links will be reported on.
inp_report	elevation	varchar(16)	Elevation in ft or m.
inp_report	demand	varchar(16)	Demand for water by the main category of consumer. Measured in the current flow units
inp_report	pressure	varchar(16)	Pressure in psi or m.
inp_report	flow	varchar(16)	Flow (flow units)
inp_report	velocity	varchar(16)	Velocity in fps.
inp_report	headloss	varchar(16)	Headloss (/1000ft).
inp_report	setting	varchar(16)	Setting. (Roughness for pipes, speed for pumps, pressure/flow setting for valves).
inp_report	reaction	varchar(16)	Reaction coefficient vaules For further information see appendix C of EPANET users manual.
inp_reservoir	noue_ia bosd	Varcilar(15)	Node identitiet retated to the printary key of the node table
inp_reservoir	nead nattorn id	Numeric(12,4)	Head, II (III). Doed nettorn ID. This field is entional
	patter II _ Id	Val Glial (±0 <i>)</i>	neau pattern ID. Tills lield is optional Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines
inp_rules	p <u>i</u>	int4	Giswater reads by this order the information.
inp_rules	text	varchar(254)	Defines rule-based controls that modify links based on a combination of conditions.
inp_source	node_id	varchar(16)	Node identifier related to the primary key of the node table
inp_source	sourc_type	varchar(18)	Source type (CONCEN, MASS, FLOWPACED, or SETPOINT).
inp_source	quality	Numeric(12,6)	Baseline source strength.
inp_source	pattern_id	varchar(16)	Time pattern identifier.
inp_tags	object	varchar(18)	The keyword NODE or LINK.
inp_tags	node_id	varchar(16)	The node or link ID label.
inp_tags	tag	varchar(50)	The text of the tag label (with no spaces).
inp_tank	node_id	varchar(16)	Node identifier related to the primary key of the node table
inp_tank	initlevel	Numeric(12,4)	Initial water level. (ft or m).
inp_tank	minlevel	Numeric(12,4)	Minimum water level. (ft or m).
inp_tank	maxlevel	Numeric(12,4)	Maximum water level. (ft or m).
inp_tank	diameter	Numeric(12,4)	Nominal diameter. (ft or m).
inp_tank	minvol	Numeric(12,4)	Minimum volume. (cubic ft or cubic meters).
inp_tank	curve_id	int4	Volume curve ID.
inp_valve	node_id	varchar(16)	Node identifier related to the primary key of the node table
inp_valve	valv_type	varchar(18)	Valve type (see remarks)
inp_valve	pressure	Numeric(12,4)	Pressure in psi or m.
inp_valve	diameter	Numeric(12,4)	Diameter in inches or mm.
inp_valve	flow	Numeric(12,4)	Flow (flow units)
inp_valve	coef_loss	Numeric(12,4)	Loss coefficient.
inp_valve	curve_id	int4,	ID of head loss curve
inp_valve	minorloss	Numeric(12,4)	Minor loss coefficient.
inp_valve	status	varchar(12)	Status (OPEN, CLOSED or CV)
Inp_typevalue_energy	₽ :	varchar(18)	value domain of EFANE I energy type, see ws_14_inp_vdomain.sql for more information about this field
Inp_typevalue_pump	<u>D</u>	varcnar(⊥8)	value domain of EPANET pump type. See ws_14_inp_vdomain.sqi for more information about this field Value domain of EPANET of types of reactions (ablied to all the elements). See ws. 14- inn. vdomain.sdi for more information
inp_typevalue_reactions_gl	p <u>i</u>	varchar(30)	about this field
inp_typevalue_source	þį	varchar(18)	Value domain of EPANET source type. See ws_14_inp_vdomain.sql for more information about this field
inp_typevalue_valve	<u>.</u>	varchar(18)	Value domain of EPANET valve type. See ws_14_inp_vdomain.sql for more information about this field
inp_typevalue_valve	descript	varchar(50)	Detailed description of EPANET valve type. See ws_14_inp_vdomain.sql for more information about this field
Inp_typevalue_valve inn_value_amnm	meter id	varchar(18)	Generic description of EPANE I valve. See ws_14_inp_vdomain.sql for more information about this field Value domain of EDANET time (AM or DM). See ws_14_inn_vdomain sql for more information about this field
	2	(27)	

			WS - COLUMN
table_id	column_id	column_type	description
inn value curve	Di.	varchar(18)	Value domain of EPANET curve. See ws. 14 inn. vdomain sol for more information about this field
inp value mixing	<u>.</u>	varchar(18)	Value domain of EPANET mixing. See ws. 14 into vdomain, sal for more information about this field
inp value noneall	þį	varchar(18)	Value domain of EPANET values (NONE or ALL). See ws 14 inp vdomain.sql for more information about this field
inp_value_opti_headloss	D.	varchar(18)	Value domain of EPANET headloss options (options table). See ws_14_inp_vdomain.sql for more information about this field
rpt_cat_result	spec_grav	numeric	Specific gravity of the simulation
inp_value_opti_hyd	İ	varchar(20)	Value domain of EPANET hydraulics options (options table). See ws_14_inp_vdomain.sql for more information about this field
inp_value_opti_qual	<u>p</u> i	varchar(18)	Value domain of EPANET quality options (options table). See ws_14_inp_vdomain.sql for more information about this field
inp_value_opti_unbal	<u>p</u>	varchar(20)	Value domain of EPANET unbalanced options (options table). See ws_14_inp_vdomain.sql for more information about this field
inp_value_opti_units	<u>p</u> i	varchar(18)	Value domain of EPANET units (options table). See ws_14_inp_vdomain.sql for more information about this field
inp_value_param_energy	<u>p</u>	varchar(18)	Value domain of EPANET energy parameters. See ws_14_inp_vdomain.sql for more information about this field
inp_value_reactions_el	<u>pi</u>	varchar(18)	Value domain of EPANET reactions data (element). See ws_14_inp_vdomain.sql for more information about this field
inp_value_reactions_gl	<u>pi</u>	varchar(18)	Value domain of EPANET reactions data (global). See ws_14_inp_vdomain.sql for more information about this field
inp_value_status_pipe	þį	varchar(18)	Value domain of EPANET pipe status. See ws_14_inp_vdomain.sql for more information about this field
inp_value_status_pump	, Di	varchar(18)	Value domain of EPANET pump status. See ws_14_inp_vdomain.sql for more information about this field
rpt_cat_result	max_trials	numeric	Maximun number of trials to balance the result
inp_value_status_valve	, pi	varchar(18)	Value domain of EPANET valve status. See ws_ $14$ _inp_vdomain.sql for more information about this field
ext_cat_hydrometer	voltman_flow	varchar	
inp_value_times	, Di	varchar(18)	Value domain of EPANET time. See ws_14_inp_vdomain.sql for more information about this field
inp_value_yesno	þį	varchar(3)	Value domain of EPANET yes/no. See ws_14_inp_vdomain.sql for more information about this field
inp value yesnofull	pi	varchar(18)	Value domain of EPANET yes/no/full. See ws 14 inp vdomain.sql for more information about this field
inp_value_plan	pi	Varchar(16)	Value domain of plan
inp value plan	observ	Varchar(254)	Observations related to value plan. Additional information
inp giswater config	Į <b>o</b> į	Varchar(16)	Primary key for table.
inp giswater config	giswater file path	text	Giswater file path
inp giswater config	giswater software path		Giswater software path
inp giswater config	inp file path	text	inp file path
inp giswater config	rot file path	text	rot file bath
inp giswater config	rot result id	text	rot result identifier
rot arc	result id	varchar(16)	Result identifier related to the primary key of rot car result table
rpt arc	arc id	varchar(16)	Arc identifier related to the primary key of arc table
	length	numeric	Lenoth of the arc.
	diameter	numeric	Diameter of the arc. EPANET ever works with internal diameter
	flow	nimeric	Flow in flow units
	woll a	numeric	Low in those with the second s
rot arc	headloss	nimeric	Handlos (/Infin)
rot arc	Setting	numeric	Tradition (Principles for nines speed for numbs pressure/flow setting for valves)
rot arc	reaction	nimeric	Reaction value
	ffactor	nimeric	Friction factor
rot arc	other	varchar(100)	Other information about the simulation
	timo	varchar(100)	Cure minimum account in a minimum of the control of
ייין	יוווע	valchai(±00)	Chine period in which the similation was conducted.
ipi_aic	status	valcilal(10)	Status (OPEIN, CLOSED OF CV) Defines the order of the line text. You must to use this code in order to sort as vou need the lines of text. As vou sort the text lines
rpt_energy_usage	pi	int4	Giswater reads by this order the information.
rpt_energy_usage	result_id	varchar(16)	Result identifier related to the primary key of rpt_cat_result table
rpt_energy_usage	node_id	varchar(16)	Node identifier related to the primary key of the node table
rpt energy usage	usage fact	numeric	Usage factor.
rpt energy usage	avg effic	numeric	Average efficiency.
rpt energy usage	kwhr mgal	numeric	Kw âthr (/Mga).
	ava kw	numeric	Average (Kw.)

			WS - COLUMN
table_id	column_id	column_type	description
rpt_energy_usage	peak_kw	numeric	Peak (Kw)
rpt_energy_usage	cost_day	numeric	Cost (/day) Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines
rpt_hydraulic_status	Þi	int4	Giswater reads by this order the information.
rpt_hydraulic_status	result_id	varchar(16)	Result identifier related to the primary key of rpt_cat_result table
rpt_hydraulic_status	time	varchar(10)	Time period for which the simulation was conducted.
rpt_hydraulic_status	text	varchar(100)	Field ready to insert text for additional information
rpt_node	þi	int4	Primary key for table.
rpt_node	result_id	varchar(16)	Result identifier related to the primary key of rpt_cat_result table
rpt_node	node_id	varchar(16)	Node identifier related to the primary key of the node table
rpt_node	elevation	numeric	Elevation in ft or m.
rpt_node	demand	numeric	Demand for water by the main category of consumer. Measured in the current flow units
rpt_node	head	numeric	Head in ft or m.
rpt_node	press	numeric	Pressure in psi or m.
rpt_node	other	varchar(100)	Other information about the simulation.
rpt_node	time	varchar(100)	Time period for which the simulation was conducted.
rpt_node	quality	numeric(12,4)	Selects the type of water quality analysis to perform
rpt_cat_result	þi	int4	Autonumeric field to store unique values for each row (primary key)
rpt_cat_result	result_id	varchar(16)	Result identifier related to the primary key of rpt_cat_result table
rpt_cat_result	n_junction	numeric	Number of junctions of the simulation's results
rpt_cat_result	n_reservoir	numeric	Number of junctions of the simulation's results
rpt_cat_result	n_tank	numeric	Number of junctions of the simulation's results
rpt_cat_result	n_pipe	numeric	Number of junctions of the simulation's results
rpt_cat_result	dwnd <sup>-</sup> u	numeric	Number of junctions of the simulation's results
rpt_cat_result	n_valve	numeric	Number of junctions of the simulation's results
rpt_cat_result	head_form	varchar(20)	Advanced parameter of the hydraulic simulation
rpt_cat_result	hydra_time	varchar(10)	Hydraulic time of the simulation
rpt_cat_result	hydra_acc	numeric	Advanced parameter of the hydraulic simulation
rpt_cat_result	st_ch_freq	numeric	Advanced parameter of the hydraulic simulation
rpt_cat_result	max_tr_ch	numeric	Advanced parameter of the hydraulic simulation
rpt_cat_result	q_analysis	varchar(20)	Advanced parameter of the hydraulic simulation
ext_rtc_hydrometer	identif	text	
rpt_cat_result	r_kin_visc	numeric	Value for viscosity
rpt_cat_result	r_che_diff	numeric	Advanced parameter of the hydraulic simulation
rpt_cat_result	dem_multi	numeric	Advanced parameter of the hydraulic simulation
rpt_cat_result	total_dura	varchar(10)	Total duration of the simulation
rpt_cat_result	exec_date	timestamp(6)	Timestamp for the moment to insert the result into the catalog of results (rpt_cat_results)
rpt_cat_result	q_timestep	varchar(16)	Quality time step of the simulation
rpt_cat_result	q_tolerance	varchar(16)	Quality tolerance of the simulation
plan_other_x_psector	measurement	Numeric(12,2)	Measurement
rpt_selector_result	result_id	Varchar(16)	System field used to filter results in order to provide information on v_rpt views of qgis.
rpt_selector_compare	result_id	Varchar(16)	System field used to filter results in order to provide information on v_rpt views of agis.
inp_selector_sector	sector_id	varchar(30)	yddraulic sector identifier related to the primary key of sector table
inp_selector_state	<u>o</u> .	varchar(16)	[D label.
inp_selector_state	observ	varchar(254)	Observations related to selector state. Additional information
doc_type	<u>.</u>	varchar(30)	Document type identifier. Primary key.
doc_type	comment	varchar(512)	Comments related to document type. Additional information.
cat_tag	D	Varchar(16)	Document tag identifier. Primary key.
cat_tag	comment	varcnar (512)	Comments related to document tag. Additional miormation.

WS – COLUMN	description	Document identifier. Primary key	Field to store folder path related to document.	Observations related to documents. Additional information	fag identifier.	Date of adding the document.	Autonumeric field to store unique values for each row (primary key)	Document identifier related to the primary key of doc table	Note the fitting is the printing year of the fitting is the fitting in the fitting is the fittin	Autorianiencineta to store unique values no each now (pinnary key)	Jocuinent identifier related to the primary key of arc table.	and identified related to the philling year of all cable. Autoni meria field to store unique values for each row (primany key)	nacional identifier related to the primary key of doc table	Social critical control of the primary key of connectable	ielel to define the status of the Real Time Control (ON or OEE)	Period identifier where the RTC is allowed	/alue domain of the coefficient applied (MAX, AVG o MIN)	dentifier of the SCADA	ndentifier of the node	Autonumeric field to store unique values for each row (primary key)	d of a related scada receiver.	d of the sector	Flow sign	/alue domain of coefficient options	/alue domain of status options	-Hydrometer identifier, related to the cat_hydrometer table	Connect identifier related to the primary key of connec table	ran sector definition for the sector definition of the sector definition for the sector definiti	-leid to store additional information about the psector.	Held to Identify the proof of the psector	-leid ready to insert text for additional information. Elaid ready to insert text for additional information	etal ready to insert text for adultional information	Observations related to plant section. Additional information	is a second to use to configurate the scale of the man	Aydraulic sector identifier related to the primary key of sector table	Field to use to configurate the position of the psector on the whole atlas	Seneral expenses related to this psector.	Value of vat tax related to this psector.	Other expenses related to this psector.	Polygon geometry field.	Arc related to psector identifier. Primary key.	Arc identifier related to the primary key of arc table	sector related to the primary key of psector table	ndicates the order of map files.	Field to store additional information about the arc related to psector.	Vode related to psector identifier. Primary key.	Node identifier related to the primary key of node table	Sector related to the primary key of psector table
	column_type	int8	varchar(512)	varchar(512)	varchar(16)	timestamp(6)	int8	int8,	valcilal(10)	0+0	IIIIO,	int8	, a fair	varchar(16)	Varchar(3)	Varchar(16)	Varchar(16)	Varchar(16)	Varchar(16)	int4	Varchar(16)	Varchar(16)	int2	Varchar(16)	Varchar(16)	character varying (16)	character varying (16)	Varchar	Varchar (254)	varchar (16)	Varchar (254)	Varchar (234)	Valcilal (234)	Numeric(8.2)	Varchar(30)	Varchar(30)	Numeric(4,2)	Numeric(4,2)	Numeric(4,2)	public.geometry	int4	Varchar(16)	Varchar(16)	Varchar(16)	Varchar(254)	int4	Varchar(16)	Varchar(16)
	column_id	P!	path	observ	tagcat_id	date	: . <u></u>	doc_id		ם כל	aro id	ב. ש	<u> </u>	connec id	rtc status	period id	coefficient	scada_id	node_id	p <u>i</u>	scada_id	sector_id	flow_sign	P <u>i</u>	<u>p</u> i	hydrometer_id	connec_id	psector_id	descript	priority	text1	chear	rotation	scale	sector id	atlas_id	gexpenses	vat	other	the_geom	þį	arc_id	psector_id	atlas_id	descript	þi	node_id	psector_id
	table_id	doc	doc	doc	doc	doc	doc_x_node	doc_x_node	anor_x_none	doc_x_alc	doc x arc	doc x copper		doc × connec	rtc ontions	rtc options	rtc_options	rtc_scada_node	rtc_scada_node	rtc_scada_x_sector	rtc_scada_x_sector	rtc_scada_x_sector	rtc_scada_x_sector	rtc_value_opti_coef	rtc_value_opti_status	rtc_hydrometer_x_connec	rtc_hydrometer_x_connec	pian_psector	plan_psector	pian_psector	plan_psector	plan_psector	plan psector	plan psector	plan psector	plan_psector	plan_psector	plan_psector	plan_psector	plan_psector	plan_arc_x_psector	plan_arc_x_psector	plan_arc_x_psector	plan_arc_x_psector	plan_arc_x_psector	plan_node_x_psector	plan_node_x_psector	plan_node_x_psector

table_id	column_id	column_type	description
plan_node_x_psector	atlas_id	Varchar(16)	Indicates the order of map files.
plan_node_x_psector	descript	Varchar(254)	Field to store additional information about the node related to psector.
plan_other_x_psector	ji Si sojiza	int4 Varchar(16)	Other objectt related to psector identifier. Primary key.
plan other x psector	price_id psector id	Varchar(16)	recting of the price. Psector related to the primary key of psector table
plan_other_x_psector	atlas_id	Varchar(16)	Indicates the order of map files.
plan_other_x_psector	descript	Varchar(254)	Field to store additional information about the other objects related to psector.
plan_arc_x_pavement	рį	int4	Arc related to pavement identifier. Primary key.
plan_arc_x_pavement	arc_id	Varchar(16)	Arc identifier related to the primary key of arc table
plan_arc_x_pavement	pavcat_id	Varchar(16)	Identifier of the pavement
plan_arc_x_pavement	percent	Numeric(3,2)	Percent of pavement's coverage on arc.
plan_value_ps_priority	Id	Varchar(16)	Identifier of the value domain of priority
plan_value_ps_pnonty plan_selector_economic	id id	Varchar(16)	Additional Illiothation Fronomic selector identifier Primary key
plan selector economic	observ	Varchar(254)	Observations related to economic selector. Additional information
plan selector psector	Pi	Varchar(16)	Plan sector selector identifier. Primary key.
plan_selector_psector	observ	Varchar(254)	Observations related to plan sector selector. Additional information
	þį	Varchar (16)	Simple price identifier. Primary key.
	unit	Varchar (5)	Units used to express the price.
	descript	Varchar (100)	Field to store additional information about the simple price.
	text	text	Field ready to insert text for additional information.
	sqo	Varchar (16)	Additional information
	p <u>i</u>	Varchar (16)	Compost price identifier. Primary key.
	nnit	Varchar (5)	Units used to express the price.
	descript	Varchar (100)	Field to store additional information about the compound price
	text	text	Field ready to insert text for additional information.
	price	Numeric(12,4)	Price
price_compost_value	<u>o</u>	int4	Compound value identifier. Primary key.
price_compost_value	compost_id	Varchar (16)	Compound price identifier related to the primary key of price compost table
price_compost_value	simple_id	Varchar (16)	Simple price identifier related to the primary key of price simple table
price_compost_value	value	Numeric(16,4)	Measurement
price_value_unit	<u>.</u>	Varchar (16)	Price units identifier. Primary key.
price_value_unit	descript	Varchar (100)	Field to store additional information about the price value units.
ani_mincut_polygon	polygon_ia	Varchar (16)	Polygon identifier
ani_mincut_polygon	mo=geom	public.geometry	Jeonieur Viet i
ani_mincut_node	node_ld +ho goom	varcnar (10)	Order Identifier
arii iiiicul iioae	illoan il	public.geomeny	Kinalioa Konlini
ani_mincut_arc	arc_id	Varchar (16)	Arc identifier
anl_mincut_arc	the_geom	public.geometry	Geometry
anl_mincut_valve	valve_id	Varchar (16)	Node identifier (of valve)
anl_mincut_valve	the_geom	public.geometry	Geometry
anl_valveanaytics_connec	connec_id	Varchar (16)	Connec id
anl_valveanaytics_connec	the_geom	public geometry	Geometry
	wsoftware	varchar(16)	Identifies the water software compatible with the project
	postgres	varchar(512)	Identifies the version of PostgreSQL where the project was created
	postgis	varchar(512)	Identifies the version of Postgis where the project was created
	p <u>i</u>	varchar(18)	Autonumeric field to store unique values for each row (primary key)
	node_proximity	double precision	Configuration parameter of node proximity related to trg_node_proximity function trigger
	arc_searchnodes	double precision	Configuration parameter of arc searching start and end nodes related to trg_arc_searchnodes function trigger

			WS - COLUMN
table_id	column_id	column_type	description
oboa bacticto oa oac lac	i c	(16)	Aroidoutifior
all alc_llo_staltellu_lloue	מוכ_ות	val cital (10)	Automotimies Outsignedities
config	nodezarc	aouble precision	Configuration parameter of disconected nodes about its proximity to arcs related to rct_nodezarc function
config	connec_proximity	double precision	Configuration parameter of node proximity related to trg_connec_proximity function trigger
confia	arc toporepair	double precision	Configuration parameter of arc repair related to fct arc toporepair function
0 C	acolood taioabacoac trocaiobac	200000	Configuration processes of automotion and a process whom and advant and a view related to the conscharation tringer
ß.	nouemiser _arcenupomit	Doolean	Configuration parameter of automatic flode firstly when enumbe udes not exist refated to the access full flower full higher
config	<b>Oriobaen negatel eleter</b> and	boolean	Configuration parameter of automatic delete node when arc is deleted related to trg_orphannode_delete fuction trigger
config	O O	double precision	Configuration parameter of defining node tolerance.
•	nodetype change enab		
config	led	hoolean	Enable change node type ontion
	2 .		
version	DI.	ınt4	ID of version. Primary key.
version	aiswater	varchar(16)	Identifies the version of aiswater with the project was created
pijaoo	pode proximity control		Field to purt anabla (true) or discabled (false) the rules of tennelogy to provide alocat to other podes
ß			ried to put enable (i ue) of dissabled (laise) file fules of topology to prevent nodes closet to other hodes
i	node_dupilcated_tolera		
config	nce	rioat	l olerace tor tunction of hode duplicated indentification
	connec_proximity_contr		
config	0	boolean	Field to put enable (true) or dissabled (false) the rules of topology to prevent connec closet to other connec
	connec duplicated toler	_	
config	ance	float	Tolerace for function of connec duplicated indentification
Sign of the contract of the co	indit function control		Eigld to mit analysis (trus) as discooling the audit function control
ĥo	addit dilicioni continoi		Fred to put eriable (tide) or dissabled (raise) the addition corning
;	arc_searcrinones_confi		
config	lo	boolean	Field to put enable (true) or dissabled (false) the rules of topology to prevent arcs without nodes at init or end position
confia csv import	table name	Varchar (50)	Name of table to insert csy data
config.csv.import	ois client layer name	Varchar (50)	Alias of this table on the GIS project
coming_csv_minpoir	gis_ciletit_layet_rialite	Valcilai (30)	Alias of this table of the Grap project
db_cat_table	D	ınt4	Autonumeric field to store unique values for each row (primary key)
db cat table	name	text	Name of the table
dh cat table	project type	text	Project type of the table (MS 110 or SE)
db cot toble	project type	נכאו	Traject (Approx of the Manne) (W.C.)
up_cal_lable	collext	lexi	Context where this table is showed
db_cat_table	db_cat_clientlayer_id	int4	Name of the GIS layer (if exists)
db cat table	description	text	description of the table
db cat view	, DE	int4	Autonumeric field to store unique values for each row (primary key)
		, to the total of	Name of the vision
up_cat_view	ומוות	lexi	Name of the View
db_cat_view	project_type	text	Project type of the table (WS, UD or SE).
db cat view	context	text	Context where this view is showed
db cat view	dh cat clientlaver id	int4	Name of the GIS layer (if exists)
20	minorit toolit thoo	1000 por(20)	Turn of mineral and the control of t
ann_nmicut_resuit_cat	ililicut_lesuit_type	valcilai(30)	Type of minimum cut result
ani_node_orpnan	tne_geom	public.geometry	Geometry of node
anl_node_sink	num_arcs	integer	Number of arcs joining the node
anl node sink	node_id	Varchar(16)	Node identifier
anl node sink	the geom	public.geometry	Geometry of node
anl node dunlicated	node id	, Varchar(16)	Node identifier
an node dinlicated	yaasaas abaa	Varchar(16)	Node identifier of the dunificated node
ani_node_udplicated	iloue_colliserv	Valcilal (±0)	Node identifier of the duplicated flore
anl_node_duplicated	the_geom	public.geometry	Geometry of node
anl_arc_same_startend	the_geom	public.geometry	Geometry of arc
anl_mincut_result_cat	mincut_result_state	varchar(30)	State of minimum cut result
anl mincut result cat	anl user	varchar(30)	User conducting the anlyssis
audit cat error	l D	int	Identifier of the error
audit out ortor		**************************************	Moreover of the correct
audicacellol	ellol_lilessage	ופאו	Message of the effort
audit_cat_error	hint_message	text	Hint message
audit_cat_error	log_level	int2	Log level of the error
audit cat error	show user	boolean	Field to define to show (or not) to the user this message
I I	I		

WS – COLUMN	description	Context of the message	Identifier of the function	Name of the function	Type of the function (triager function or function)	Context of the function	innit parameters of the function	input parameters of units function. Then of return of the function	fyte on termin of the function of the foreign of the foreign and f	Financial meta to store unique values for each fow (printary key)	in the starting	dentifier of the error	Identifier of the function	String with the full query realized	Name of the user	Additional information to debug	Geometry of arc	Length of the arc			Connec identifier	Autonumeric field to store unique values for each row (primary key)	Geometry of connec	Autonumeric field to store unique values for each row (primary key)	Arc identifier	Identificador del catalogo de resultados	Autonumeric field to store unique values for each row (primary key)					Autonumeric field to store unique values for each row (primary key)	Description of the table	Jype of a column	Description of the state	Autonumeric field to store unique values for each row (primary key)	Description of the type	Autonumeric field to store unique values for each row (primary key)	Identificador del catalogo de resultados	Identificador del catalogo de resultados	Hydrometer identifier	Autonumeric field to store unique values for each row (primary key)	Autonumeric field to store unique values for each row (primary key)	Connec identifier	Node identifier	Name of hydrometer layer	Identificador del catalogo de resultados	Polvaon identifier	Georgetty of notyton	Scenical of Followith hydrometer code	Code of hydrometer
	column_type	text	int4	text	text	text	uosi	1961	ופיאסטיים	bigsellal	urnestamp with time zone	ınt	int4	text	text	text	public.geometry	float	varchar (16)	varchar	varchar(16)	int	public.goemetry	int	varchar(16)	varchar(30)	int	timestamp	date	timestamp	text	int	text	text	text	int	text	int	varchar(30)	varchar(30)	varchar(16)	int	int	varchar(16)	varchar(16)	varchar(30)	varchar(30)	varchar(16)	public geometry	varchar(30)	text
	column_id	context	Ō	name	function type	context	ipplit params	input_params	edui_type	D	tstarrip	audit_cat_error_id	audit_cat_function_id	query	user_name	debug_info	the_geom	length	connec_conserv	madeby	connec_id	p <u>i</u>	the_geom	p <u>i</u>	arc_id	mincut_result_cat_id	P <u>i</u>	anl_tstamp	exec_forecast_date	exec_start	exec_descript	<u>D</u>	description	column_type	descript	<u>D</u>	descript	Þi	mincut_result_cat_id	er mincut_result_cat_id	er hydrometer_id	er id	P.	connec id	node id	hydrometer layer	mincut result cat id	polyaon id	the geom	hydrometer field code	hydrometer_code
	table_id	audit_cat_error	audit_cat_function	audit cat function	audit cat function	audit cat function	andit cat function	addit_cat_function	addit_tantion_potions	addit_function_actions	audit_lunction_actions	audit_function_actions	audit_function_actions	audit_function_actions	audit_function_actions	audit_function_actions	anl_arc_no_startend_node	anl_arc_same_startend	anl_connec_duplicated	ext_cat_hydrometer	anl_connec_duplicated	anl_connec_duplicated	anl_connec_duplicated	anl_mincut_result_arc	anl_mincut_result_arc	anl_mincut_result_arc	anl_mincut_result_cat	anl_mincut_result_cat	anl_mincut_result_cat	anl_mincut_result_cat	anl_mincut_result_cat	anl_mincut_result_cat_state	db_cat_columns	db_cat_columns	anl_mincut_result_cat_state	anl_mincut_result_cat_type	anl_mincut_result_cat_type	anl_mincut_result_connec	anl_mincut_result_connec	anl_mincut_result_hydrometer mincut_result_cat_id	anl_mincut_result_hydrometer_id	anl mincut result hydrometer id	anl_mincut_result_node	anl mincut result connec	anl mincut result node	config search plus	anl mincut result node	anl mincut result polygon	anl mincut result polydon	config search plus	ext_rtc_hydrometer

WS – COLUMN	column_id column_type description	varchar(30)   Ide   varchar(30)   Val   varchar(16)   Val   varchar(16)   Val   varchar(30)   Ide   varchar(30)   Ide   varchar(30)   Val   varchar(50)   Varc	rol bool Field to put enable (true) or dissabled (false) the rules of topology to prevent arc with same begining and end node adeinsert_catalog_vde varchar(30) Configuration parameter of default node values.    Configuration parameter of default node values.   Identifier.   Identifier.   Identifier.   Name of field with connec code   varchar(30)   Band from which the value is taken	_prop_ varchar(30) varchar(30) varchar(30)	prop varchar(30) int varchar(30) varchar(30) varchar(30) varchar(30) varchar(30) varchar(30) varchar(30) varchar(30) text varchar(30) text varchar(30)
		vard id vard id vard int int vard int	a) =	prop	_prop_layer fieldfieldfield
	table_id	anl_mincut_result_selector_compare anl_mincut_result_valve anl_mincut_result_valve anl_mincut_result_polygon anl_mincut_result_polygon anl_mincut_result_polygon anl_mincut_result_valve audit_schema_data_integrity is audit_schema_data_integrity is audit_schema_data_integrity is audit_schema_data_integrity is	config  config anl_mincut_result_selector i config_search_plus config extract raster value		

WS - COLUMN	description	Index of a column	Indentifier of related urban propertie	Geometry of building entrance - point.	-		The brand of hydrometer.	Client name.							Name of a n UI form	Alias of a field	Width of a column	Name of field with ppoint zone								Author of a project	Date of creating the project											Node two	Point identifier.	Point type.	Observations.	Geometry of point.	Identifier of a point type.	Description.	Description	Autonumeric field to store unique values for each row (primary key)	Presszone geometry	Description	Press zone catalog identifier
	column_type	smallint	varchar(16)	public.geometry	text	text	text	text	text	text	text	text	text	text	varchar(50)	varchar(50)	int	varchar(30)	text	varchar(50)	varchar(12)	varchar(10)	varchar(10)	varchar(10)	varchar(10)	varchar(10)	varchar(10)	varchar(10)	varchar(10)	varcnar(18) baal	lood	varchar(18)	varchar(30)	varchar(18)	varchar(512)	public.geometry	varchar(18)	tex	text	int	public.geometry	text	varchar(18)						
	column_id	column index	urban properties id	the geom	easel diameter mm	ulmc	brand	client name	digits_hydrometer	cover	multi_jet_flow	hydrometer_number	kit_flag_ulmc	technical_average	ui_form	alias	width	ppoint_field_zone	kink_date	easel_diameter_pol	hydrometer_flag	easel	class	voltman_flow	adress_adjunct	author	date	hydraulic_timestep	quality_timestep	rule_timestep	pattern_timestep	pattern_start	report_timestep	report_start	Start_clockume	Statistic	mincut and	node type	point id	point type	observ	the geom	Pi.	text	text	þį	the_geom	text	presszonecat_id
	table_id	config ui forms	ext postnumber	ext postnumber	ext rtc hydrometer	ext rtc hydrometer	ext rtc hydrometer	ext_rtc_hydrometer	config_ui_forms	config_ui_forms	config_ui_forms	config_search_plus	ext_rtc_hydrometer	inp_project_id	inp_project_id	inp_times	inp_times	inp_times	inp_times	inp_times	inp_times	inp_times	inp_umes	mp_umes	man valve	node	noint	point	point	point	point type	point_type	point	presszone	presszone	presszone	presszone												

WS - COLUMN	description	Hydrometer identifier	Autonumeric field to store unique values for each row (primary key)	Description	ID of the soil related to the arc	Field to store information about the adress of the feature.	ID of the builder related to arc	ID of the construction work related to arc	ID of the location type related to arc	Field to store information about the adress of the feature.	Field to store information about the adress of the feature.	ID of the management area related to the arc (District Meter Area)	ID of the owner related to arc.	ID of the builder related to arc	ID of the fluid type related to arc	Field to store information about the adress of the feature.	Field to store information about the adress of the feature.	Field to store information about the adress of the feature.	ID of the owner related to node.	Description	ID of the builder related to node	ID of the category type related to arc	ID of the category type related to node.	Flow sign	ID of the construction work related to node	ID of the location type related to node	ID of the builder related to node	ID of the management area related to the node (District Meter Area)	ID of the fluid type related to node	ID of the soil related to the node	Configuration parameter used on fct_min_cut function	Description		Id of a related scada receiver.	ال 10 الله management area related to the connect (كاكتراديا Meter Area) Titlo على متمانية	Illie of a project Name of field with moint primber	Identifier	Diameter	Date of installing the hydrometer	Duration of a time period	Name of the table	Name of the GIS layer (if exists)	Autonumeric field to store unique values for each row (primary key)	Name of the column	Type of column	description of the table	Node identifier	Type of the node	Geometry of node
	column_type	varchar(16)	int	varchar(254)	varchar(16)	varchar(50)	varchar(30)	varchar(255)	varchar(18)	varchar(50)	varchar(50)	varchar(30)	varchar(30)	date	varchar(18)	varchar(50)	varchar(50)	varchar(50)	varchar(30)	varchar(254)	date	varchar(18)	varchar(18)	smallint	varchar(255)	varchar(18)	varchar(50)	varchar(30)	varchar(18)	varchar(16)	boolean	text	lext	varchar(16)	varchar(16)	varchar(234)	varchar(18)	text	text	varchar(10)	text	int4	int4	text	int4	text	Varchar(16)	Varchar(300)	public.geometry
	column_id	hydrometer_id	þi	descript	soilcat_id	adress_03	buildercat_id	workcat_id	location_type	adress_01	adress_02	dma_id	ownercat_id	builtdate	fluid_type	adress_03	adress_02	adress_01	ownercat_id	descript	builtdate	category_type	category_type	flow_sign	workcat_id	location_type	buildercat_id	dma_id	fluid_type	soilcat_id	acessibility	text	Alexano 	scada_id	ama_la +itlo	ulite progint field number	ייין שלוווים שלון	diameter	instalation date	duration _	name	db_cat_clientlayer_id	þi	name	db cat table id	description	node_id	node_type	the_geom
	table_id	rtc_hydrometer	rtc_scada_x_dma	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_arc	temp_node	temp_node	temp_node	temp_node	temp_node	temp_node	temp_arc	temp_node	rtc_scada_x_dma	temp_node	temp_node	temp_node	temp_node	temp_node	temp_node	man_valve	ext_urban_propierties	ext_unban_proprentes	rtc_scada_x_dma	rtc_scada_x_dma	IIID_ploJect_id	config search plus	ext rtc hydrometer	ext rtc hydrometer	inp times	ext cat period	ext_cat_period	ext rtc scada	ext_rtc_scada	ext_rtc_scada	ext_rtc_scada	ext_rtc_scada_x_data	ext_rtc_scada_x_data	ext_rtc_scada_x_data

	description																																										ode table							ode table	
WS - COLUMN		Node identifier	Number of arcs joining the node	Geometry of node	Node identifier	Node identifier of the dunlicated node	Comptive of mode	Are identified	Alc ladelliller	Name of table to insert csv data	Alias of this table on the GIS project	Project type of the table (WS, UD or SE).	Context where this table is showed	description of the table	Geometry of arc	Arc identifier	Geometry of arc						Location.		Nominal diameter.	Type of a connec							Status (OPEN, CLOSED or CV)	Status (OPEN, CLOSED or CV)	UI view name	Ul column name	Status (OPEN, CLOSED or CV)	Home number where hydrometer is located	Address of a hydrometer location	Sector to which belongs the pressure zone	Lead facade	Blocks the deleting option	Node identifier related to the primary key of the node table	X coordinate of the label's location	Blocks the deleting option	Existence of regulation tank	Depth of valve shaft	Additional information about the feature	Location of a valve regulator	Node identifier related to the primary key of the node table	X coordinate of the label's location
	column_type	Varchar(16)	integer	public.geometry	Varchar(16)	Varchar(16)	rai criata,	papire: geometry		Varchar (50)	Varchar (50)	text	text	text	public.geometry		public.geometry	varchar	varchar	varchar	numeric	varchar	varchar	timestamp	varchar	varchar	varchar	numeric	text	varchar	timestamp	varchar	Varchar(5)	Varchar(3)	varchar(50)	varchar(50)	pool	text	text	varchar(512)	varchar	lood	varchar	varchar	pool	varchar	numeric	varchar	varchar	varchar	varchar
	column_id	node id	num arcs	the geom	node id	node conserv	the geom		alc_ld	table_name	gis_client_layer_name	project_type	context	description	the_geom	arc id	the geom	multi jet flow	nlmc I	type	custom roughness	event table	place	forecast end	dnom –	connec_type	nodarc_id	custom_dint	id_number	man_table	forecast_start	class	status	status	ui_table	ui_column	status	adress_number	adress	sector	lead_facade	undelete	node_id	label_x	undelete	regulation_tank	depth_valveshaft	add_info	regulator_location	node_id	label_x
	table_id	ext rtc scada dma period	ext rtc scada dma period	ext rtc scada dma period	ext cat hydrometer	ext cat hydrometer	oxt cat hydrometer	oxt to bydromotor	ext_itc_iiyulolilletel	ext_urban_propierties	ext_urban_propierties	ext_cat_period	ext_cat_period	ext cat period	ext_rtc_hydrometer	ext rtc hydrometer x value	ext rtc hydrometer x value	ext_cat_hydrometer	ext cat hydrometer	connec type	ing pipe	connec type	samplepoint	anl mincut result cat	ext cat hydrometer	connec	rpt_energy_usage	inp_pipe	ext_rtc_hydrometer	connec_type	anl_mincut_result_cat	ext_cat_hydrometer	ext_rtc_scada_x_value	ext_rtc_hydrometer_x_value	config_ui_forms	config_ui_forms	config_ui_forms	ext_rtc_hydrometer	ext_rtc_hydrometer	presszone	man_wjoin	point	man_source	connec	connec	man_fountain	man_valve	man_fountain	man_valve	man_manhole	arc

	description													table			netry)										table									table															
WS - COLUMN		Type of drain connection to the quilly	Type of drain connection to the guily	Valve exit type Nodo idontifior rolated to the primery low of the node toble	Node Identifier Feraled to the printary key of the flode table	Location of an imprimation sign	Y coordinate of the label's location	Continous beam	Tank function	Length	Angle of rotation of the label	Shutvalve diameter	Interior irrigation indicator	Connec identifier related to the primary key of the connec table	Y coordinate of the label's location	Node identifier related to the primary key of the node table	Half of a size of automaticly inserted polygon (double geometry)	Architectural heritage	Y coordinate of the label's location	Additional information about the feature	Angle of rotation of the label	Additional information about the feature	Blocks the deleting option	Communication	Situation of valve regulator	X coordinate of the label's location	Connec identifier related to the primary key of the connec table	ID of value man selector state. Primary key.	Connection type with the network	Drain diameter	Number of pumps	Angle of rotation of the label	Valve drive type	Blocks the deleting option	Initial diameter.	Connec identifier related to the primary key of the connec table	Angle of rotation of the label	Arc identifier related to the primary key of the arc table	Shutvalve diameter	Location of a valve	Y coordinate of the label's location	Option identifier. Primary key.	Observation	Bool parameter identifier. Primary key.	Version of a plugin	Observation	Float parameter description.	Selector state analysis identifier. Primary key	Py tables identifier. Primary key.	Float parameter identifier. Primary key.	Float parameter description.
	column_type	yarchar	valcital	varchar	valcital	varchar	varchar	varchar	varchar	numeric	numeric	numeric	varchar	varchar	varchar	varchar	float8	varchar	varchar	varchar	numeric	varchar	pool	varchar	varchar	varchar	varchar	varchar	varchar	numeric	int4	numeric	varchar	lood	numeric	varchar	numeric	varchar	varchar	varchar	varchar	Varchar(16)	varchar	varchar	varchar	varchar	text	varchar	int4	varchar	text
	column_id	drain aully	urallı guliy	exit_type	lloue_lu	localion_sign	label_y	continous	function	length	label_rotation	shutvalve_diam	irrigation_indicator	connec_id	label_y	node_id	buffer value	arquitect_patrimony	label_y	add_info	label_rotation	add_info	undelete	communication	regulator_situation	label_x	connec_id	jq	connection	drain_diam	pump_numper	label_rotation	drive_type	undelete	diam_initial	connec_id	label_rotation	arc_id	shutvalve_type	location	label_y	þi	observ	pi	plugin_version	observ	descript	<u>.</u>	. <u>o</u> :	þi ·	descript
	table_id	act acm	man_tap	man_valve	iliali_watelwell	mannyuranı	connec	man_tap	man_tank	man_wjoin	node	man_tap	man_valve	man_fountain	temp_node	man_reduction	config	man_tap	arc	man_manhole	temp_node	man_source	temp_arc	man_tap	man_valve	temp_arc	man_wjoin	man_selector_state	man_tap	man_tap	man_fountain	arc	man_valve	sector	man_reduction	man_greentap	connec	man_wjoin	man_tap	man_valve	node	rtc_options	config_py_tables	config_param_bool	config_py_tables	om_visit_parameter_type	config_param_bool	anl_selector_state	config_py_tables	config_param_float	config_param_float

WS – COLUMN	description	Observation	Text parameter description.	Observation	Text parameter identifier. Primary key.	Integer parameter description.	Integer parameter identifier. Primary key.	Name of necessary table.	Context where this table is showed	Output plugin version	Event during visit identifier. Primary key	Visit end date	Visit start date.	Arc identifier	Event time and date.	Location of an event object	Feature type to which is related the parameter	Identifier of a visit related to node	X coordinate of the event	Parameter value	Text.	Visit identifier. Primary key	Input plugin version	Context where this table is showed	Description	Material expiration date	Output plugin version	Date of creation of the schema project	EPSG of the project	Language version of plugin	Identifier of a visit related to connec	Position value identifier. Primary key.	Parameter value	Visit on arc identifier. Primary key.	Output plugin version	Identifier of a visit to which are related the events	Cat mat roughness identifier.	Description	Input plugin version	Connec identifier related to the primary key of the connec table	Roughness of the material.	Parameter type.	Data type.	Decides whether the table is visible for user	Event value	Connec identifier related to the primary key of the connec table	Visit parameter identifier. Primary key.			
	column_type	varchar	text	varchar	varchar	text	varchar	varchar	varchar	varchar	varchar	varchar	varchar	int8	timestamp	timestamp	varchar	timestamp	varchar	varchar	int8	numeric	text	text	int8	varchar	varchar	varchar	int4	varchar	timestamp	int4	varchar	int8	varchar	int4	int8	varchar	Int8	varchar	iext 	varchar	varchar	numeric	varchar	varchar	pool	text	varchar	varchar
	column_id	observations	descript	observ	<u>p</u> i	descript	þi	table_name	context	context	context	context	to_version	þi	enddate	startdate	arc_id	tstamp	position_id	feature	visit_id	xcoord	value	text	<u>.</u>	from_version	context	descript	end_age	to_version	date	bsde	language	visit_id	<u>p</u>	value	<u>D</u> .	to_version	VISIT_Id	D 7	nescribi	from_version	connec_id	roughness	parameter_type	data_type	hidden	value	connec_id	<u>D</u>
	table_id	samplepoint	config_param_text	ext_hydrometer_category	config_param_text	config_param_int	config_param_int	config_py_tables	config_py_tables	config_param_int	config_param_float	config_param_text	config_param_int	om_visit_event	om_visit	om_visit	om_visit_x_arc	om_visit_event	om_visit_event	om_visit_parameter	om_visit_x_node	om_visit_event	config_param_text	om_visit_event	om_visit	config_param_bool	config_param_bool	om_visit_value_position	inp_cat_mat_roughness	config_param_text	version	version	version	om_visit_x_connec	om_visit_value_position	contig_param_int	om_visit_x_arc	config_param_float	om_visit_event	Inp_cat_mat_roughness	IIIp_cat_mat_rougnmess	contig_param_int	om_visit_x_connec	Inp_cat_mat_roughness	om_visit_parameter	om_visit_parameter	config_py_tables	om_visit_event	puod	om_visit_parameter

	description																																																
WS - COLUMN	)sep	Parameter of event type	Description.	Period identifier.	Visit on node identifier. Primary key.	Name of a user conducting the visit	Parameter value	Node identifier related to the primary key of the node table	Visit parameter type identifier.Primary key.	Visit on connec identifier. Primary key.	Input plugin version	Y coordinate of the event	Material catalog identifier.	Parameter value	Connec identifier related to the primary key of the connec table	Input plugin version	Output plugin version	Identifier of a visit related to arc	Point geometry field	Pond identifier. Primary key.	Masterplan state selector identifier. Primary key.	Point geometry field	Point geometry field	Ortofoto identifier.	ID of the end of construction work.	ID of the end of construction work.	ID of the construction work.	ID of the end of construction work.	Pool identifier. Primary key.	ID of the end of construction work.	Comercial code of join with network	ID of the end of construction work.	Outpeto identifica	Ortorio identifier.	DOI THE EILD OF COTISTUCTION WORK.	Comercial code of join with network	Location - street 2	Domain value of samplepoint's state.	Sample point code for laboratory	Type of the sample element	Hydrometer category identifier primary key	Sample point identifier. Primary key.	Field to use in order to rotate the symbology of the GIS canvas	Code of sample element	Cabinet of the measurements equipment	Number of arcs connected to node	Network to which is connected the samplepoint	Azimut hof the direction to which is directed the camera.	Feature type to which is related the position value
	column_type	varchar	varchar	varchar	int8	varchar	numeric	varchar	varchar	int8	varchar	numeric	varchar	pool	varchar	varchar	varchar	int8	geometry	varchar	varchar	geometry	geometry	int4	varchar	varchar	varchar	varchar	varchar	varchar	int4	varchar	ימוכוומו	Int4	valcital	int4	varchar	varchar	int4	varchar	varchar	varchar	numeric	int4	varchar	int4	varchar	float8	varchar
	column_id	parameter_id	descript	period id	ا <u>و</u> <u>ت</u>	user_name	value	node_id	þi	.iq	from_version	ycoord	matcat_id	value	connec_id	from_version	to_version	visit_id	the_geom	pond_id	<u>p</u> i	the_geom	the_geom	orto2005	workcat_id_end	workcat_id_end	workcat_id	workcat_id_end	pi_lood	workcat_id_end	code_comercial	workcat_id_end	Wolkcar I a Fild	0002005 3002005	workcal_iu_eriu ctroot1	code comercial	street2	state	code_lab	element_type	þi	sample_id	rotation	element_code	cabinet	num_arcs	dma_id2	azimut	feature
	table_id	om_visit_event	om_visit_parameter	inp cat mat roughness	om_visit_x_node	om_visit	config_param_float	om_visit_x_node	om_visit_parameter_type	om_visit_x_connec	config_param_float	om_visit_event	inp_cat_mat_roughness	config_param_bool	lood	config_param_text	config_param_bool	om_visit_x_arc	puod	puod	plan_selector_state	lood	samplepoint	pond	samplepoint	temp_arc	samplepoint	node	lood	element	pool	arc temp pode		pool	collilec camplopoint	sampopomic	samplepoint	samplepoint	samplepoint	samplepoint	ext_hydrometer_category	samplepoint	samplepoint	samplepoint	samplepoint	cat_node	samplepoint	om_visit_event	om_visit_value_position

WS - COLUMN	description	Confirmation of a correct QGIS Project	Confirmation of correct schema name	This fields identifies the direction of the flow of the shortpipe, applied only for the case of check valves	QGIS layer identifier.	Identifier of a table in a database.	Name of the layer appearing in the table of content (ToC).	Client identifier.	Description					Existing of default layer style.	Name of the qml style file	Existing of the layer's geometry field.	
	column_type	pool	pool	varchar	text	text	text	text	text	text	text	yr	varchar(50)	It bool	text	text	smallint
	column_id	qgis_project	db_schema	to_arc	qgis_layer_id	db_cat_table_id	layer_alias	client_id	description	pre_dependences	post_dependences	db_cat_client_layer_at	upation_id	styleqml_use_asdefault_bool	styleqml_file	geometry_field	project_criticity
	table_id	config_py_tables	config_py_tables	inp_pump	db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer		db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer	db_cat_clientlayer

:		UD – TABLE
DI	context	description
anl_flow_trace_arc	Analysis	Table with the result offlow trace (downstream arcs)
inp_node_x_sector	Hydraulic input data	Contains the information about the nodes related to sector.
arc_type	system struture	Contains the types of arcs.
node_type	system struture	Contains the types of nodes.
element_type	system struture	Contains the types of elements.
cat_mat_arc	catalog	Catalog of arc's material.
cat_mat_node	catalog	Catalog of node's material.
cat_node	catalog	Catalog of nodes.
cat_mat_element	catalog	Catalog of element's material.
cat_element	catalog	Catalog of elements.
cat connec	catalog	Catalog of connections.
cat grate	catalog	Catalog of grates.
cat soil	catalon	Catalor of soils
cat huilder	catalog	Catalon of constructors
cat work	catalog	Catalogy of constructions
cat owner	catalog	Catalogy of Output
cat_compat	catalog	Ostalogy of positional
man two catogory	value demain (t.mc)	Common of the commons of management
men_type_category	value domain (type)	Domini data of types of the second of the se
IIIali_type_liuiu	value uolinalii (type)	Donain data of types of find management
man_type_location	value domain (type)	Domain data of types of location management
man_type_street	value domain (type)	Domain data of types of street type management
connec_type	value domain (type)	Domain data of connect type.
sector	GIS feature	Table of spatial objects representing sectors.
node	GIS feature	Table of spatial objects representing nodes.
arc	GIS feature	Table of spatial objects representing arcs.
polygon	GIS feature	Table of spatial objects representing polygons.
dma	GIS feature	Table of spatial objects representing delimitation of management areas.
connec	GIS feature	Table of spatial objects representing connects.
vnode	GIS feature	Table of spatial objects representing vnode.
link	GIS feature	Table of spatial objects representing links.
dlly	GIS feature	Table of spatial objects representing gullies.
man junction	Additional info of GIS feature	Additional information for junction management
man storage	Additional info of GIS feature	Additional information for storage management
man outfall	Additional info of GIS feature	Additional information for outfall management
man_conduit	Additional info of GIS feature	Additional information for conduit management
element_x_node	Element	Contains the elements related to nodes
element x connec	Element	Contains the elements related to connects
element_x_gully	Element	Contains the elements related to gullies
value state	value domain	Domain data with value describing the state
value verified	value domain	Domain data with value describing the verification status.
value yesno	value domain	Domain data with value yes/no
inp selector hydrology	Selector	Selector of hydrology.
inp_adjustments	Hydraulic input data	Adjustments are +- changes to temperature and evaporation or multipliers for rainfall that can vary month of the year
:		Supplies parameters for each unconfined groundwater aquifer in the study area. Aquifers consist of two zones âla lower saturated zone and an
inp_aquirer	Hydraulic Input data	upper unsaturated zone.
Inp_backdrop	Hydraulic input data	Contains the information about system plan and its dimensions
inp_buildup_land_x_pol	Hydraulic input data	Specifies the rate at which pollutants build up over different land uses between rain events.
inp_conduit	Hydraulic input data	Identifies each conduit link of the drainage system. Conduits are pipes or channels that convey water from one node to another.
inp_controls	Hydraulic input data	Determines how pumps and regulators will be adjusted based on simulation time or conditions at specific nodes and links.

		UD – TABLE
þi	context	description
inn coverage land x subc	Hydraulic innut data	Specifies the percentage of a subcatchmentals area that is covered by each category of land use
	Transmission data	operations to personal and absolute filters and the second of the second
ייין בייולייי .	nyulaulic liibut uata	
Inp_curve_id	Hydraulic input data	Curve catalog Inis table could be edited through giswater control panel: Giswater / Data / Curves
:		definities each now divider node of the drainage system. Flow dividers are junctions with exactly two outflow conduits where the total outflow is
Inp_divider	Hydraulic Input data	divided between the two in a prescribed manner.
inp_dwf	Hydraulic input data	Specifies dry weather flow and its quality entering the drainage system at specific nodes.
inp_dwf_pol_x_node	Hydraulic input data	Specifies pollutant inflow to drainage system at specific nodes.
inp_evaporation	Hydraulic input data	Specifies how daily evaporation rates vary with time for the study area.
inp_files	Hydraulic input data	Contains the information about work files of SWMM
		Supplies parameters that determine the rate of groundwater flow between the aquifer underneath a subcatchment and a node of the
inp_groundwater	Hydraulic input data	CONVEYENCE SYSTEM.
		declines the snapes of the triangular unit nydrographs that determine the amount of rainfall-dependent infilitration/inflow (KDII) entering the
IIIp_IIyuloglapii 	nydiadiic iiibut data	
lnp_inflows	Hydraulic input data	
inp_inflows_pol_x_node	Hydraulic input data	Specifies external hydrographs and pollutographs that enter the drainage system at specific nodes.
inp_junction	Hydraulic input data	Nodes with conection type
inp_label	Hydraulic input data	Contains the information about labels
1		Identifies the various categories of land uses within the drainage area. Each subcatchment area can be assigned a different mix of land uses.
inp landuses	Hydraulic input data	Each land use can be subjected to a different street sweeping schedule.
inp lid control	Hydraulic input data	Defines scale-independent LID controls that can be deployed within subcatchments.
plan arc x pavement	Masterplan	Table to relate arcs to pavements
inn loadings on x subc	Hydraulic input data	Specifies the pollutant building that exists on each subcatchment at the start of a simulation
prico cimplo	Masterplan	repolar of cimple prince of the control of the cont
	ividate pidit	Table of smile price.
Inp_mapulin	Hydraulic Input data	Contains the information about the map dimensions
Inp_mapunits	Hydraulic Input data	Contains the information about map units
inp_options	Hydraulic input data	<b>Generales tecenomeral infection at the nation of the second of the model flow</b>
inp_orifice	Hydraulic input data	diversions.
: :		Identifies each outfall node (i.e., final downstream boundary) of the drainage system and the corresponding water stage elevation. Only one
inp_outfall	Hydraulic input data	link can be incident on an outfall node.
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		Identities each outlet flow control device of the drainage system. These devices are used to model outflows from storage units or flow
Inp_outlet	Hydraulic Input data	diversions that have a user-defined relation between 100M tale and water depth. Consider time netters of definition of the form of adjustment forters analised as multiplicar to baseline Talis table availed
220	מלמס לווממן מווומאסאם	Specials until patient to my weather may of quality in the following adjustment actions applied as multipliers to baseline values. This table could be called trough the patient of the could be
IIIp_pattell1	nyulaulic liibut data	be enter unough giswater to the company of the comp
Inp_pollutant	Hydraulic Input data	Identities the pollutants being analyzed.
inp_project_id	Project ID	Contains the general information about the project.
dmnd_dni	Hydraulic input data	Identifies each pump link of the drainage system.
inp_rdii	Hydraulic input data	Specifies the parameters that describe rainfall-dependent infiltration/inflow (RDII) entering the drainage system at specific nodes.
inp_report	Hydraulic input data	Contains the information about output simulation report
inp_snowmelt	Hydraulic input data	Snowmelt parameters are climatic variables that apply across the entire study area when simulating snowfall and snowmelt.
inp_snowpack	Hydraulic input data	Repenties bacarected and worm have made and seem retidence and have blowerbeing some mand be but the sentence of self and and the contents.
inp_storage	Hydraulic input data	relation.
1		Specifies daily air temperatures, monthly wind speed, and various snowmelt parameters for the study area. Required only when snowmelt is
inp_temperature	Hydraulic input data	being modeled or when evaporation rates are computed from daily temperatures or are read from an external climate file.
inp_timeseries	Hydraulic input data	Table relative to timeseries values. This table could be edited trough giswater control panel: A Giswater? Data? Timeseries
inp_timser_id	Hydraulic input data	Timeseries catalog. This table could be edited trough giswater control panel: À Giswater ? Data ? Timeseries
inp_transects	Hydraulic input data	Describes the cross-section geometry of natural channels or conduits with irregular shapes following the HEC-2 data format.
inp_treatment_node_x_pol	Hydraulic input data	Specifies the degree of treatment received by pollutants at specific nodes of the drainage system.
	value domain (type) of hydraulic	
inp_arc_type	data	Value domain data with arc's geometry
eavy epoc ani	value domaim (type) or mydraume data	Value domain data with node's geometry
	ממומ	

		UD – TABLE
Þ	context	description
inp_giswater_config	system struture	Configuration table with the goal to integrate the Giswater java tool with the Giswater python plugin
inp_typevalue_divider	value domain (value) of mulaum input data value domain (value) of hidraum	Value domain data with divider type
inp_typevalue_evap	value domain (value) of maradiic input data value domain (value) of hidraulic	Value domain data with evaporation type
inp_typevalue_orifice	input data	Value domain data with orifice type
inp_typevalue_outfall	vaue domain (vaue) of niciaulic input data	Value domain data with boundary conditions of outfall
inp_typevalue_outlet	value domain (value) of nidraulic input data	Value domain data with outlet values
inp_typevalue_pattern	value domain (value) of nidraulic input data	Value domain data with weather patterns
inp_typevalue_raingage	value domain (value) of hidraulic input data	Value domain data with rain data source type
inp_typevalue_storage	input data	Value domain data with data source which describes the geometry
inp_typevalue_temp	value domain (value) of hidraulic input data	Value domain data with temperature data source type
inp_typevalue_timeseries	value domain (value) of hidraulic input data	Value domain data with time serie data source type
inp_typevalue_windsp	value uomam (value) oi muraum input data	Value domain data with wind data source type
inp_value_allnone	value domain (value) of hidraulic input data	Value domain data with value none/all
inp_value_buildup	value domain (value) of hidraulic input data	Value domain data with function type available for acumulation of pollutants
inp_value_catarc	value domain (value) of nidraulic input data	Value domain data with catalog of conduit type
inp_value_curve	value domain (value) of nidraulic input data	Value domain data with catalog of curve type
inp_value_files_actio	value domain (value) of niciaulic input data	Value domain data with file action
inp_value_files_type	value domain (value) of mulaum input data value domain (value) of hidraulic	Value domain data with file type
inp_value_inflows	input data	Value domain data with different data inflow values
inp_value_lidcontrol	input data	Value domain data with lidcontrol type
inp_value_mapunits	vaue domain (vaue) of nicraulic input data	vaue uoman (vaue) or muraun. Value domain data with map units John domain Kolma of bidoculis Volue domain data with parion stable field force main causains of command of bidoculis Volue domain data with parion stable field force main causains and domain data with parion
inp_value_options_fme	value domain (value) of moraum input data value domain (value) of hidraulic	valde doniain data with option table, lield force finall equation. See appendix ic of swimm users infallida (adjet OF FICNS) for findle information
inp_value_options_fr	input data	wasse some in value) of margins data with option table, field flow routing. See appendix "C" of SWMM user's manual (target OPTIONS) for more information in the flow measurement units. See anneady "C" of SWMM user's manual (target OPTIONS) for more
inp_value_options_fu	value domain (value) or maradino input data Masterolan	vade donain data with option table, now measurement affice, occupends of occuping users a manda (tagget of more information and affice and affice related to plan cortors
	value domain (value) of hidraulic	
inp_value_options_id price_compost	input data Masterplan	Value domain data with option table, inertial damping. See appendix "C" of SWMM user's manual (target OPTIONS) for more information Table of compound prices
inp_value_options_in	value domain (value) of hidraulic input data	value domain (value) of hidraulic Value domain data with option table, infiltration options. See appendix "C" of SWMM user's manual (target OPTIONS) for more information
inp_value_options_lo	value domain (value) of moraum input data	Value domain data with option table, options. See appendix "C" of SWMM user's manual (target OPTIONS) for more information

		UD – TABLE
þi	context	description
inp_value_options_nfl	value domain (value) of hidraulic input data	c Value domain data with option table, limited normal flow. See appendix "C" of SWMM user's manual (target OPTIONS) for more information
inp_value_orifice	value domain (value) of hidrauli input data	Value domain data with orifice geometry type. See appendix "C" of SWMM user's manual for more information
inp_value_pollutants	value domain (value) of midraulic	Value domain data with pollutant type
inp_value_raingage	input data	Value domain data with rain data format
inp_value_routeto	input data	Value domain data with direction types of the flow in the subcatchment
inp_value_status	value domain (value) of nigraulic input data	Value domain data with initial state of element
inp_value_timserid	input data	Value domain data with time serie type
inp_value_treatment	value domain (value) of nidraulic input data value domain (value) of hidraulic	Value domain data with deposits treatment type
inp_value_washoff	input data	Value domain data with washoff values.
inp_value_weirs	input data	Value domain data with weir geometry type
inp_value_yesno	input data	Value domain data with value yes/no
inp_washoff_land_x_pol	input data	Specifies the rate at which pollutants are washed off from different land uses during rain events.
inp_weir	value domain (value) of hidraulic	Identifies each weir link of the drainage system. Weirs are used to model flow diversions.
inp_windspeed	input data	Windspeed data.
raingage	GIS feature	Identifies each rain gage that provides rainfall data for the study area.
rpt_selector_result	Selector	Result's sectors
rpt_archolload_cum	Hydraulic result data	Contains the results of arc noth than the cimulations
rpt_condsurcharge_sum	Hydraulic result data	Contains the results of conduit surcharge simulations.
rpt_continuity_errors	Hydraulic result data	Contains the results of continuity errors simulations.
rpt_critical_elements	Hydraulic result data	Contains the results of critical elements simulations analysis
rpt_flowclass_sum	Hydraulic result data	Contains the results of flow classification simulations.
rot aroundwater cont	Hydraulic result data	Contains the results of groundwater continuity simulations
rpt_high_conterrors	Hydraulic result data	Contains the results of high continuity errors simulations.
rpt_high_flowinest_ind	Hydraulic result data	Contains the results of high flow instability index simulations.
rpt_instability_index	Hydraulic result data	Contains the results of instability index simulations.
rpt_lidperformance_sum	Hydraulic result data	Contains the results of LID performance simulations.
rpt_nodedepth_sum	Hydraulic result data	Contains the results of depth of nodes
rot nodeinflow sum	Hydraulic result data	Contains the inflow value of nodes
rpt_nodesurcharge_sum	Hydraulic result data	Contains the surcharge value of nodes
rpt_outfallflow_sum	Hydraulic result data	Contains the results of outfall flow simulations.
rpt_outfallload_sum	Hydraulic result data	Contains the results of outfall load simulations.
rpt_pumping_sum rpt_aualrouting_cont	Hydraulic result data Hydraulic result data	Contains the results of pumping summary simulations. Contains the results of quality routing continuity simulations
rpt_rainfall_dep	Hydraulic result data	Contains the results of rainfall dependent simulations.
rpt_cat_result	Hydraulic result data	Result's catalog

UD – TABLE	description		Contains the results of routing timestep simulations	Contains the results of runoff quality simulations .	Contains the results of runoff quantity simulations .	Contains the results of storage volume simulations	Contains the results of subcatchment washoff simulations.	Contains the results from subcatchments	Contains the results of timestep critical elements simulations	Selector to provide to the hydraulic analyst the possibility to compare two results on the GIS project	Sector's selector	Identifies each subcatchment within the study area. Subcatchments are land area units which generate runoff from rainfall.	Contains the document's types.	Catalog of document's types.	Catalog of tags.	Contains the documents.	Contains the document related to nodes.	Contains the document related to arcs.	Contains the document related to connections.	Contains the document related to gullies.	Table of plan sector.	Table of arcs related to plan sectors.	Table of nodes related to plan sectors.	Domain value table of levels of priority related to psectors	Table of plan sector selectors.	Table to relate simple prices to compound prices		Table with the result of flow trace (downstream nodes)	Table with the result offlow trace (downstream arcs)	Table with the result offlow trace (upstream nodes)	Table to control de version of the software used on the project.	Table to define diferent configuration parameters related to the GIS USER interface.	Table to define the tables enabled for csv import tool	Table with the information of tables of the project	Table with the information of views of the project	Table with the information of columns of the project	Table with the information of GIS layers of the project	Table with the results of the topology process of node orphan function	Table with the results of the topology process of node sink function	Table with the results of the topology process of node duplicated function	Table with the results of the topology process of arcs with same node initial and end function	Catalog of errors	Catalog of functions	Table to store information about traceability of user actions with functions	Table to define the configuration of extracting values from raster	Table to define the configuration of search plus tool	Table to define the configuration of forms.	Contains the elements related to arc.	State's selector. Contains the diferents states that will be exported to the model	Contains the elements		Confiduration- Stash for boolean barameters.
	context	The second secon	Hydraulic result data	Hydraulic result data	Hydraulic result data	Hydraulic result data	Hydraulic result data	Hydraulic result data	Hydraulic result data	Selector	Selector	GeometrÃ-a	Document management	Document management	Document management	Document management	Document management	Document management	Document management	Document management	Masterplan	Masterplan	Masterplan	Masterplan	Masterplan	Masterplan	Masterplan	Analysis	Analysis	Analysis	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	utils	GIS Feature	Selector	Element		SIIIN
	þi		rpt_routing_timestep	rpt_runoff_qual	rpt_runoff_quant	rpt_storagevol_sum	rpt_subcatchwashoff_sum	rpt_subcathrunoff_sum	rpt_timestep_critelem	rpt_selector_compare	inp_selector_sector	subcatchment	doc_type	cat doc	cat tag	doc	doc_x_node	doc_x_arc	doc_x_connec	doc_x_gully	plan_psector	plan_arc_x_psector	plan_node_x_psector	plan_value_ps_priority	plan_selector_psector	price_compost_value	price_value_unit	anl flow exit node	anl_flow_exit_arc	anl_flow_trace_node	version	config	config_csv_import	db_cat_table	db_cat_view	db_cat_columns	db_cat_clientlayer	anl_node_orphan	anl_node_sink	anl_node_duplicated	anl_arc_same_startend	audit_cat_error	audit cat function	audit function actions	config_extract_raster_value	config_search_plus	config_ui_forms	element_x_arc	inp_selector_state	element	- CO 2	

	description				unctioning of the plugin	-																															ent		nanagement	ers	ā									
UD – TABLE		Configuration- stash for float parameters.	Configuration- stash for integer parameters.	Configuration- stash for text parameters.	Table with layers which are necessary to the correct functioning of the plugin	Table of all visits that took place.	Table of events that took place during the visit.	Catalog of parameters related to event types.	Catalog of types of events.	Catalog of event's location.	Table of visits related to arc.	Table of visits related to connec.	Table of visits related to gully.	Table of visits related to node.	Catalog of street types.	Table of streetaxis.	Table of urban properties	Table of entrance numbers.	Catalog of hydrometers receivers.	Catalog of time periods.	Catalog of scada receivers.	Catalog of hydrometer categories.	l able of hydrometer receivers.	Agregated data obtained from hydrometer receivers.	Values obtained from hydrometer receivers.	Table of scada receivers.	Data from scada related to date and dma.	Agregated data obtained from scada receivers.	Values obtained from scada receivers.	Additional information for manhole management	Additional information for netgully management	Additional information for netinit management	Additional information for state selector management	Additional information for siphon management	Additional information for valve management	Additional information for virtual arc management	Additional information for water accelerator management	Additional information for water jump management	Additional information for wastewater treatment plant management	Contains the information to link SCADA with hydrometers	Contains the information to link connec with hydrometer	Options for real time control	Contains the information to link SCADA with nodes	Contains the information to link SCADA with dma		Contains the information to link SCADA with sector.	Value domain for options of real time control	Value domain for options of real time control	Table of duplicated connecs	
	context	utils	utils	utils	utils	O&M information	O&M information	O&M information	O&M information	O&M information	O&M information	O&M information	O&M information	O&M information	external table	external table	external table	external table	external table	external table	external table	external table	external table	external table	external table	external table	external table	external table	external table	Additional info of GIS feature	Additional info of GIS feature	Additional info of GIS feature	Additional info of GIS feature	Additional info of GIS feature	Additional info of GIS feature	Additional into of GIS feature	Additional info of GIS feature	Additional into of GIS feature	Additional info of GIS feature	Real time control	Real time control	Real time control	Real time control	Real time control		Real time control	Real time control	Real time control	Analysis	
	þi	config param float	config param int	config param text	config by tables	om visit	om visit event	om visit parameter	om visit parameter type	om visit value position	om visit x arc	om_visit_x_connec	om_visit_x_gully	om_visit_x_node	ext_type_street	ext_streetaxis	ext_urban_propierties	ext_postnumber	ext_cat_hydrometer	ext_cat_period	ext_cat_scada	ext_hydrometer_category	ext_rtc_hydrometer	ext_rtc_hydrometer_x_data	ext_rtc_hydrometer_x_value	ext_rtc_scada	ext_rtc_scada_dma_period	ext_rtc_scada_x_data	ext_rtc_scada_x_value	man_manhole	man_netgully	man_netinit	man_selector_state	man_siphon	man_valve	man_varc	man_waccel	man_wjump	man_wwtp	rtc_hydrometer	rtc_hydrometer_x_connec	rtc_options	rtc_scada_node	rtc_scada_x_dma	v_audit_schema_catalog_column	rtc_scada_x_sector	rtc_value_opti_coef	rtc_value_opti_status	anl_connec_duplicated	v_audit_schema_foreign_table

UD – TABLE	context description	Additional into dig Si satura  Gis beature  Shows editable information about purities.  Shows editable information beature and card microals.  No beature  Shows editable information beature and card microals.  Shows the relation between a card model.  Shows the relation between a card model.  Shows the relation beature and card microals.  Shows the relation beature and card microals.  Shows the relation beature and card microals.  Shows the relation purities and microals.  Shows the relation place and relation to one under supplication and the order of confering the defendence
	þi	v_audit_schema_table plan_selector_state man_chamber point an_chamber of selector_state man_chamber of selector_state man_chamber of selector_state man_chamber of selector_state an_arc_no_startend_node of selector_state of selec

UD – TABLE	description	Shows the information about the evaporation with the timeseries format type	Shows the information about groundwaters	Shows the information about the infiltration using Curve-Number method	Shows the information about the infiltration using Green-Ampt method	Shows the information about the infiltration using Horton method	Chows the information about the inflower related in terms of flow to nodes (if the user has defined in	Oneway the monators about the minow contact an emission of moving the model of the accordance by the Chance of the Chance of the contact and t	Shows the information about the infows Feated in terms of politicality to house (if the user has defined by In Identifies each incrion node of the drainage system. Tunctions are noints in space where channels and pines connect together. For sewer	systems they can be either connection fittings or manholes.	Shows the information about land use	Shows the information about LID controls	Shows the information about LID usage.	Shows the information about loadings.	Shows the information about the coefficiency of losses and conduits behaviour	Shows the general information with the simulation options	Show the information about arcs type orifice	Shows the information about outfalls with fixed format type	Shows the information about outfalls with free format type	Shows the information about outfalls with normal format type	Table of spatial objects representing sample points.	Shows the information about outfalls with tidal format type		Shows the information about outfalls with timeseries format type	Shows the information about outlet with functional/depth format type	Shows the information about outlet with functional/head format type		Shows the information about outlet with tabular/depth format type	Shows the information about outlet with tabular/head format type	Shows the daily time pattern	Shows the hourly time pattern	Shows the monthly time pattern	Shows the weekly time pattern	Shows the information about the arcs type pump	Shows the information about rainfall-dependent infiltration/inflow (RDII).	Shows the information about the rain with file format	Shows the information about the rain with time series	Shows the information about snow layer	Shows the information about the deposits with functional type	Shows the information about the deposits with tabular type	Shows the information about the poligons with subcatchment type	Shows the information about the temperature data of the project (if user has defined it)	Shows the information about the temperature data of the project (if user has defined it)	Shows the information about the temperature data of the project (if user has defined it)	Shows the information about the temperature data of the project (if user has defined it)	Shows the information about the temperature data of the project (if user has defined it)	Shows the information about time series with absolute type	Shows the information about time series with file	Shows the information about time series with relative type
	context	INP data	INP data	INP data	INP data	INP data	INP data	ND dots	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	GIS feature	INP data	اره	 INP data	INP data	INP data		INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data	INP data
	þi	v inp evap ts	v inp groundwater	v inp infiltration cu	v inn infiltration ar	· v inn infiltration ho	v inn inflows flow		V_IIIP_IIIIOWS_IOAU	v inp junction	v inp landuses	v inp lidcontrol	v inp lidusage	v_inp_loadings	v_inp_losses	v_inp_options	v_inp_orifice	v_inp_outfall_fi	v_inp_outfall_fr	v_inp_outfall_nm	samplepoint	v_inp_outfall_ti	v_audit_schema_catalog_compare_	v_inp_outfall_ts	v_inp_outlet_fcd	v_inp_outlet_fch	v_edit_rtc_hydro_data_x_connec	v_inp_outlet_tbd	v_inp_outlet_tbh	v_inp_pattern_dl	v_inp_pattern_ho	v_inp_pattern_mo	v_inp_pattern_we	v_inp_pump	v_inp_rdii	v_inp_rgage_fl	v_inp_rgage_ts	v_inp_snowpack	v_inp_storage_fc	v_inp_storage_tb	v_inp_subcatch	v_inp_temp_fl	v_inp_temp_sn	v_inp_temp_ts	v_inp_temp_wf	v_inp_temp_wm	v_inp_timser_abs	v_inp_timser_fl	v_inp_timser_rel

		UD – TABLE
þi	context	description
v_inp_transects	INP data	Shows the information about transects
v_inp_treatment	INP data	Shows the information about the treatment of deposits
v_inp_vertice	INP data	Shows the geometric information about conduits' vertexes
v_inp_washoff	INP data	Shows the information about the washoff.
v_inp_weir	INP data	Shows the information about arcs type weir
v_rpt_arcflow_sum	Hydraulic results data	Shows the results of arc flow simulations.
v_rpt_arcpolload_sum	Hydraulic results data	Shows the results of arc pollutant load simulations.
v_rpt_condsurcharge_sum	Hydraulic results data	
v_rpt_continuity_errors	Hydraulic results data	
v_rpt_critical_elements	Hydraulic results data	Shows the results of critical elements simulations analysis
v_rpt_flowclass_sum	Hydraulic results data	Shows the results of flow classification simulations.
v_rpt_flowrouting_cont	Hydraulic results data	Shows the results of flow routing continuity simulations.
v_rpt_groundwater_cont	Hydraulic results data	Shows the results of groundwater continuity simulations
v_rpt_high_cont_errors	Hydraulic results data	Shows the results of high continuity errors simulations.
v_rpt_high_flowinest_ind	Hydraulic results data	Shows the results of high flow instability index simulations.
v_rpt_instability_index	Hydraulic results data	Shows the results of instability index simulations.
<pre>v_rpt_lidperfomance_sum</pre>	Hydraulic results data	Shows the results of LID performance simulations.
v_rpt_nodedepth_sum	Hydraulic results data	Shows the results of depth of nodes
v_rpt_nodeflooding_sum	Hydraulic results data	Shows the results of flooded nodes
v_rpt_nodeinflow_sum	Hydraulic results data	Shows the inflow value of nodes
v_rpt_nodesurcharge_sum	Hydraulic results data	Shows the surcharge value of nodes
v_rpt_outfallflow_sum	Hydraulic results data	Shows the results of outfall flow simulations.
v_rpt_outfallload_sum	Hydraulic results data	Shows the results of outfall load simulations.
v_rpt_pumping_sum	Hydraulic results data	Shows the results of pumping summary simulations.
v_rpt_qualrouting	Hydraulic results data	Shows the results of quality routing continuity simulations.
v_rpt_rainfall_dep	Hydraulic results data	Shows the results of rainfall dependent simulations.
v_rpt_routing_timestep	Hydraulic results data	Shows the results of routing timestep simulations
v_rpt_runoff_qual	Hydraulic results data	Shows the results of runoff quality simulations .
v_rpt_runoff_quant	Hydraulic results data	Shows the results of runoff quantity simulations .
v_rpt_storagevol_sum	Hydraulic results data	Shows the results of storage volume simulations
v_rpt_subcatchrunoff_sum	Hydraulic results data	Shows the results from subcatchments runoff simulations.
<pre>v_rpt_subcatchwasoff_sum</pre>	Hydraulic results data	Shows the results of subcatchment washoff simulations.
v_rpt_timestep_critelem	Hydraulic results data	Shows the results of timestep critical elements simulations Shows the result selecteb by the comparision selector in order to show into GIS project the data from result selector and result comparisor to
v_rpt_comp_arcflow_sum	Hydraulic result data	compare between arcflow simulation results. Shows the result celected by the comparision celector in order to show into GIS project the data from result celector and result comparison to
v_rpt_comp_arcpolload_sum	Hydraulic result data	compare between arc pollutant load simulation results.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_condsurcnarge_sum	Hydraulic resuit data	compare between conduit surcharge simulations results. Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_continuity_errors v_audit_schema_catalog_compare_t able	Hydraulic result data	compare between continuity errors simulations results.
		Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_critical_elements v_inp_hydrograph	Hydraulic result data	compare between critical elements simulations analysis results.
v rpt comp flowclass sum	Hydraulic result data	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to compare between flow classification simulations results.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_flowrouting_cont v_price_x_catsoil1	Hydraulic result data Masterplan	compare between flow routing continuity simulations results. View for code

		UD – TABLE
þi	context	description
v_price_x_catsoil2	Masterplan	View for code
v_price_x_catsoil3	Masterplan	View for code Shows the result selecteb by the comparision selector in order to show into GIS project the data from result selector and result comparisor to
v_rpt_comp_groundwater_cont	Hydraulic result data	compare between groundwater continuity simulation results. Shows the result selected by the comparision selector in order to show into GIS project the data from result selector and result comparisor to
v_rpt_comp_high_cont_errors	Hydraulic result data	compare between high continuity errors simulations results.
v_rpt_comp_high_flowinest_ind	Hydraulic result data	shows the result selected by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to compare between high flow instability index simulations results.
v rot comp instability index	Hydraulic result data	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to compare between instability index simulations results.
		Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_lidperfomance_sum	Hydraulic result data	compare between LID performance simulations results. Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_nodedepth_sum	Hydraulic result data	compare between depth of nodes results. Shows the result selected by the comparision selector in order to show into GIS project the data from result selector and result comparisor to
v_rpt_comp_nodeflooding_sum	Hydraulic result data	Sinows the result selected by the Companion selector in order to show into the project the data from result, selector and result, companion to compane between flooded modode modors and result, companion to Chapter and contract to chapter to the result of the contract to
v_rpt_comp_nodeinflow_sum	Hydraulic result data	Solows the result selected by the Comparison selector in order to show into the project the data from results.  Compare between inflow value of nodes results.  Changare between inflows when of nodes results is added to the change from the data from the change and small selection to the contraction of the change of the chan
v_rpt_comp_nodesurcharge_sum	Hydraulic result data	Shows the result selected by the comparision selector in order to show into GIS project the data from result_selector and result_comparison to compare between surcharge value of nodes results.
v_rpt_comp_outfallflow_sum	Hydraulic result data	shows the result selected by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to compare between outfall flow simulations results
v rot comp ouffallload sum	Hydraulic result data	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to compare between outfall load simulations results.
		Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_pumping_sum	Hydraulic result data	compare between pumping summary simulations results. Shows the result selecteb by the comparision selector in order to show into GIS project the data from result selector and result comparisor to
v_rpt_comp_qualrouting	Hydraulic result data	compare between quality routing continuity simulations results.
v_rpt_comp_rainfall_dep	Hydraulic result data	shows the result selected by the comparishor selector in order to show into GIS project the data from result_selector and result_comparison to compare between rainfall dependent simulations results.
sotocett scitting among the v	مئمته البهمة والبيمية	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_round_umestep	nyuraunc resun uata	compare between round unlessep similations results. Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_runoff_qual	Hydraulic result data	compare between runoff quality simulations results. Shows the result selecteb by the comparision selector in order to show into GIS project the data from result selector and result comparisor to
v_rpt_comp_runoff_quant	Hydraulic result data	compared between truncing by the comparison resolutions results in order to chouse the data from south collected and coult comparison to Chouse the coult collected to choose the country of the coult collected to choose the country of the country
v_rpt_comp_storagevol_sum	Hydraulic result data	compare between storage volume simulations results.
v_rpt_comp_subcatchrunoff_sum	Hydraulic result data	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to compare between subcatchments runoff simulations results.
v rpt comp subcatchwasoff sum	Hydraulic result data	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to compare between subcatchment washoff simulations results.
	:	Shows the result selecteb by the comparision selector in order to show into GIS project the data from result_selector and result_comparisor to
v_rpt_comp_timestep_critelem	Hydraulic result data	compare between timestep critical elements simulations results.
v_ul_doc_x_node	Document management	Shows the information of document related to nodes. User Intertace view.
V_ul_doc_x_arc	Document management	Shows the information of document related to arcs. User Interface View. Shows the information of document related to connects. I tear Interface view.
v_ui_doc_x_gully	Document management	Shows the information of document related to gully. User Interface view.
v_price_compost	Masterplan	View for code
v_price_x_catsoil4 v_price_x_catsoil	Masterplan Masterplan	View for code View for code
v_anl_arc		
v_anl_connec		
V_aiii_ilowilace_collilec		

		UD – TABLE
pi	context	description
v_anl_flowtrace_hydrometer v_anl_node v_audit_functions v_audit_schema_column v_audit_schema_foreign_column au		
x =	ر. ب	
v_edit_man_chamber_pol v_edit_man_conduit v_edit_man_connec v_edit_man_gully v_edit_man_junction v_edit_man_manhole v_edit_man_netgully v_edit_man_netgully v_edit_man_netinit v_edit_man_outfall v_edit_man_pgully v_edit_man_siphon	GIS feature	Shows editable information about chamber (polygon) Shows editable information about conduit Shows editable information about gully Shows editable information about manhole Shows editable information about netgully (point) Shows editable information about netgully (polygon) Shows editable information about netitil Shows editable information about netitil Shows editable information about spully
v_edit_man_storage v_edit_man_storage_pol v_edit_man_valve v_edit_man_varc v_edit_man_waccel v_edit_man_wiump v_edit_man_wwtp	GIS feature	Shows editable information about storage (point) Shows editable information about storage (polygon) Shows editable information about valve Shows editable information about wirtual arc Shows editable information about water accelerator Shows editable information about water jump Shows editable information about waterwaste treatment plant (point) Shows editable information about waterwaste treatment plant (point)
v_man_arc v_man_arc v_man_ronhec v_plan_arc v_plan_arc_x_psector v_plan_cost_arc v_plan_ml_arc_s	masterplan masterplan masterplan	Shows information about arcs. Shows information about nodes Shows information about nodes Shows information about nodes View only with the most important information about the cost of the arc View to show arcs related to plan sectors. View to show full data of cost of arc View where is showed the characteristics of arc by lineal meter (soil, pavement,)
v_plan_micost_arc v_plan_node v_plan_node_x_psector v_plan_other_x_psector v_plan_psector_arc v_plan_psector_arc v_plan_psector_filtered v_plan_psector_node v_plan_psector_other	masterplan pabout gullys represented as polygons.	View to show sectors with the related other issues of budget  View to show sectors with the related other issues of budget  Shows editable information about pgullys.

id  v_price_x_arc  v_price_x_catarc  v_price_x_catarc  v_price_x_catarc1  v_price_x_catarc2  v_price_x_catarc3  v_price_x_catbode  v_price_x_catpavement  v_price_x_catpavement  v_price_x_node  v_rtc_dma_parameter_period  v_rtc_dma_parameter_period  v_rtc_dma_parameter_period  v_rtc_dma_parameter_period  v_rtc_dma_parameter_period  v_rtc_dma_parameter_x_arc  v_rtc_hydrometer_x_arc  v_rtc_hydrometer_x_arc  v_rtc_hydrometer_x_arc  v_rtc_pydrometer_x_arc  v_rtc_scada_data  v_rtc_scada_data  v_rtc_scada_data  v_rtc_scada_data  v_rtc_scada_data  v_rtc_scada_data  v_rtc_scada_value  v_rtc_scada_value  v_rtc_scada_value  v_rtc_scada_value  v_rtc_scada_data  v_
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			UD – COLUMN
table_id	column_id	column_type	description
version config_extract_raster_value config_search_plus	giswater varchar(16) raster_layer varchar(30) hydrometer_urban_propierties_field_code varchar(30)	varchar(16) varchar(30) e varchar(30)	Identifies the version of giswater with the project was created Name of raster layer from which value is taken Name of field with connec code
config_extract_raster_value catchment ext_rtc_scada ext_rtc_scada_x_data element_type ext_urban_propierties ext_urban_propierties ext_urban_propierties ext_urban_propierties ext_urban_propierties ext_urban_propierties ext_urban_propierties ext_urban_propierties ext_urban_propierties	id text scada_id min element_type code streetaxis postnumber complement placement square the_geom	varchar(18) text varchar float8 varchar (30) Varchar (16) Varchar (16) Varchar (16) Varchar (16) Varchar (16) Varchar (16)	Identifier Description2 Id of a related scada receiver. Minimum value. Name of the table with additional information of feature (operation information). The data of this field is system data Code of the propierty. Street at which the propierty is located. Post number of the propierty complement data Location of a propierty. Square at which the propierty is located. Square at which the propierty is located.
arc_type arc_type arc_type arc_type	id type epa_default man_table	varchar(18) varchar(18) varchar(18) varchar(18)	r ype or arc adapted to reality, and ready to translate. The relation with type is n to 1.  Type of arc. The data of this field is system data.  Default's value of EPA software. The data of this field is system data.  Name of the table with additional information of feature (management information). The data of this field is system data.
arc_type arc_type node_type node_type node_type	epa_table event_table id type epa_default man_table	varchar(18) varchar(18) varchar(18) varchar(18) varchar(18)	Name of the table with additional information of feature (hidraulic model). The data of this field is system data  Name of the table with additional information of feature (operation information). The data of this field is system data  Type of node adapted to reality, and ready to translate. The relation with type is n to 1  Type of node. The data of this field is system data  Default's value of EPA software. The data of this field is system data  Name of the table with additional information of feature (management information). The data of this field is system data
node_type node_type element_type cat_mat_arc cat_mat_arc cat_mat_arc cat_mat_arc cat_mat_node cat_mat_node cat_mat_node cat_mat_node cat_arc	epa_table event_table id descript url picture id descript link url picture id matcat_id shape tsect_id geom1 geom2	varchar(18) varchar(18) varchar(18) varchar(30) varchar(512) varchar(512) varchar(512) varchar(512) varchar(512) varchar(512) varchar(512) varchar(512) varchar(16)	Name of the table with additional information of feature (hidraulic model). The data of this field is system data Name of the table with additional information of feature (operation information). The data of this field is system data Type of element adapted to reality, and ready to translate. The relation with type is n to 1 Type of element adapted to reality, and ready to translate. The relation with type is n to 1 To d arc's material catalog. Primary key. Field to store additional information related to the arc's material catalog. Field to store link to information related to the arc's material catalog. Field to store additional information about the material To of node's material. Field to store dational information related to the node's material catalog. Field to store URL or folder path with more information related to the node's material catalog. Field to store URL or folder path with more information related to the node's material catalog. Field to store URL or folder path with more information related to the node's material catalog. Field to store use use catalog. Primary key. Cross-section shape. Transect identifier. Curve identifier. Full height of the arc (ff or m). Full height of the arc (ff or m).

			UD – COLUMN
table_id	column_id	column_type	description
cat_arc	geom3	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
cat_arc	geom4	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
cat_arc	geom_r	varchar(20)	Real geometry of an arc.
cat_arc	short_des	varchar(16)	Field to store additional information about the catalog.
cat_arc	descript	varchar(255)	Field to store additional information about the catalog.
cat_arc	link	varchar(512)	Field to store link to information related to the arc catalog.
cat_arc	url	varchar(512)	Field to store URL or folder path with more information related to the arc catalog.
cat_arc	picture	varchar(512)	Picture of an arc.
cat_arc	Svg	varchar(50)	Symbology.
cat_arc	z1	Numeric(12,2)	Distance from the bottom of the trench of conduit to the top of the conduit's protection material
cat_arc	22	Numeric(12,2)	Distance from the top of the conduit to the top of the conduit's protection material
cat_grate	n_barr_diag	numeric(12,4)	Number of obliquous barrels
cat_arc	width	Numeric(12,2)	Maximum width of the conduit's section (by point of view of constructive issues). Often is the same value that (geom2 + 2*bulk)
point	ohserv	varchar	Observations
cat arc	area	Numeric(12,4)	Full area of the conduit's section
cat arc	bulk	Numeric(12,2)	Bulk of the conduit. It consider the same bulk for all the walls of the conduit
cat_arc	cost_unit	Varchar(3)	Units measurements. (Only mi or ut. are allowed values). Sometimes the budget of an arc could be treated as unitary
	•	-	price (applied using length=1)
cat_arc	cost	varchar(16)	(Price_compost.id) of full cost of conduit's subministration and installation
cat_arc	m2bottom_cost	varchar(16)	(Price_compost.id) of full cost of bottom's trench arrangement
cat_arc	m3protec_cost	varchar(16)	(Price_compost.id) of full cost of conduit's proteccion material
cat_node	pi	varchar(30)	ID of the node catalog. Primary key.
cat_node	matcat_id	varchar(16)	ID of the related material type.
cat_node	geom1	Numeric(12,2)	Full height of the node (ft or m).
cat_node	geom2	Numeric(12,2)	Auxiliary parameters (width, side slopes, etc.)
cat_node	geom3	Numeric(12,2)	Auxiliary parameters (width, side slopes, etc.)
cat_node	value	Numeric(12,2)	Values for catalog
cat_node	short_des	varchar(30)	Field to store additional information about the catalog.
cat_node	descript	varchar(255)	Field to store additional information about the catalog.
cat_node	link	varchar(512)	Field to store link to information related to the node catalog.
cat_node	url	varchar(512)	Field to store URL or folder path with more information related to the node catalog.
cat_node	picture	varchar(512)	Image that represents the catalog element
cat_node	b/s	varchar(50)	Symbology.
cat_node	estimated_y	Numeric(12,2)	In case no data of depth of conduit this depth is used to estimate the budget.
cat_node	cost_unit	Varchar(3)	Units measurements. (Only mi or fur, are allowed values). Sometimes the budget of an node could be treated as linear
			price (using the debit as length to compute the cost)
cat_node	1800	varchar(16)	(Price_compost.id) or full cost or conduit's subministration and installation
cat_mat_element	pi	varchar(30)	ID of element's material catalog. Primary key.
cat_mat_element	descript	varchar(512)	Field to store additional information about the material.
cat_mat_element	link	varchar(512)	Field to store link to information related to the element's material catalog.
cat_mat_element	url	varchar(512)	Field to store URL or folder path with more information related to the element's material catalog.
cat_mat_element	picture	varchar(512)	Image that represents the catalog element
cat_element	þi	varchar(30)	ID of the element catalog. Primary key.
cat_element	elementtype_id	varchar(30)	Element type identifier.
cat_element	matcat_id	varchar(30)	Material catalog identifier
cat_element	geometry	varchar(30)	Geometry of the element.
cat_element	descript	varchar(512)	Field to store additional information about the catalog.
cat_element	link	varchar(512)	Field to store link to information related to the element catalog.

			UD – COLUMN
table_id	column_id	column_type	description
cat_element	url	varchar(512)	Field to store URL or folder path with more information related to the element catalog.
cat_element	picture	varchar(512)	Image that represents the catalog element
cat_element	âns	varchar(50)	Pictogram of the symbology.
cat_connec	pi	varchar(30)	ID of the connect catalog. Primary key.
cat_connec	type	varchar(16)	Type of the connect.
cat_connec	matcat_id	varchar(16)	Material catalog identifier.
cat_connec	shape	varchar(16)	Cross-section shape.
cat_connec	tsect_id	varchar(16)	Transect identifier.
cat_connec	curve_id	varchar(16)	Curve identifier.
cat_connec	geom1	numeric(12,4),	Full height of the connect (ft or m).
cat_connec	geom2	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
cat_connec	geom3	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
cat_connec	geom4	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
cat_connec	geom_r	varchar(20)	Real geometry of a connect.
cat_connec	short_des	varchar(16)	Field to store additional information about the catalog.
cat_connec	descript	varchar(255)	Field to store additional information about the catalog.
cat_connec	link	varchar(512)	Field to store link to information related to the connect catalog.
cat_connec	url	varchar(512)	Field to store URL or folder path with more information related to the connect catalog.
cat_connec	picture	varchar(512)	Image that represents the catalog element
cat_connec	Svg	varchar(50)	Symbology.
cat_grate	þi	varchar(30)	ID of the grate catalog. Primary key.
cat_grate	type	varchar(30)	Type of the grate.
cat_grate	matcat_id	varchar(16)	Material catalog identifier.
cat_grate	length	numeric(12,4),	Length of the grate.
cat_grate	width	numeric(12,4)	Width of the grate.
cat_grate	total_area	numeric(12,4)	Total area of the grate.
cat_grate	efective_area	numeric(12,4)	Effective area of the grate.
cat_grate	n_barr_l	numeric(12,4)	Number of length barrels
cat_grate	n_barr_w	numeric(12,4)	Number of width barrels
cat_grate	a_param	numeric(12,4)	A parameter. Needed if you like to simulate it
cat_grate	b_param	numeric(12,4)	B parameter. Needed if you like to simulate it
cat_grate	descript	varchar(255)	Field to store additional information about the catalog.
cat_grate	link	varchar(512)	Field to store link to information related to the grate catalog.
cat_grate	url	varchar(512)	Field to store URL or folder path with more information related to the grate catalog.
cat_grate	picture	varchar(512)	Image that represents the catalog element
cat_grate	Svg	varchar(50)	Symbology.
cat_soil	þį	varchar(30)	ID of the soil. Primary key.
cat_soil	descript	varchar(512)	Description of a soil type. Additional information
cat_soil	link	varchar(512)	Field to store link to information related to the soil catalog.
cat_soil	url	varchar(512)	Field to store URL or folder path with more information related to the soil catalog.
cat_soil	picture	varchar(512)	Image that represents the catalog element
cat_soil	y_param	Numeric(5,2)	Slope of the wall of the trench. On the expression (a.y_param) 'a' is the horitzontal distance and y_param is the vertical
100	2	Numbrio(E 2)	distance of the stope of the trefficit. Walto of the distance from conduit to the wall of the trenshine meaning on the bottom's treash
cat_soll	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Numeric(5,2)	Value of the ustaince from Contain to the wait to the use of the use of the contains the contain
cat_soil		Numeric(3,2) Varchar(16)	Percentage of the treffich where with treffichinning
cat_soll	mostil coct	Varchar(16)	octor of excavation ( cubic interts)
cat_soll	msm_cost	Varchar(16)	Cost of mining the expect of soil from the treach (within motor)
כמו		Valcilai (±0)	COST OF HIGH RIGHT COST OF SOIL HOLD THE LICENT (CADIC THERE)

UD – COLUMN	description	Cost of the trenchiling (square meter)	ID of the builder. Primary key.	Description of the builder. Additional information	Field to store link to information related to the builder catalog.	Field to store URL or folder path with more information related to the builder catalog.	Image that represents the catalog element	ID of the work. Primary key.	Description of the construction work. Additional information	Field to store link to information related to the work catalog.	Image that represents the catalog element	ID of the owner. Primary key.	Description of the owner.	Field to store link to information related to the owner catalog.	Image that represents the catalog element	ID of the pavement. Primary key.	Description of the pavement. Additional information	Field to store link to information related to the pavement.	Picture of the pavement.	Value of pavement thickness.	(Price_compost.id) of the full cost of pavement demolition and reconstruction.	ID of the management type category. Primary key.	Observations related to type category. Additional information	ID of the management type of fluid. Primary key.	Observations related to fluid type. Additional information	ID of the management location type. Primary key.	Observations related to type location. Additional information	ID of the connect type. Primary key.	Observations related to connect type. Additional information	Sector identifier. Primary key	Field to store additional information about the feature.	Polygon geometry field	Node identifier. Primary key	Elevation of the node in ft or m.	Depth from ground to invert elevation (ft or m)	Dimension (depth) of the place to collect sands from urban water	Node type.	Node catalog identifier related to the primary key of cat_node table	SWMM behaviour of the node.	Hydraulic sector identifier related to the primary key of sector table	Domain value of node's state.	Annotations related to node Additional information	Affilotations related to node: Additional Illiotifiation.	Observations related to node. Additional information	Comments related to node. Additional information	ID of the menogeneral area related to the are (Dietrick Meter Area)	D of the management area related to the arc (District Meter Area)	D of the coil related to the node
	column_type	Varchar(16)	varchar(30)	varchar(512)	varchar(512)	varchar(512)	varchar(512)	varchar(30)	varchar(512)	varchar(512)	varchar(512)	varchar(30)	varchar(512)	varchar(512)	varchar(512)	Varchar(16)	text	varchar(512)	varchar(512)	Numeric(12,2)	Varchar(16)	varchar(20)	varchar(50)	varchar(20)	varchar(50)	varchar(20)	varchar(50)	varchar(20)	varchar(50)	varchar(30)	varchar(100)	public.geometry	varchar(16)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	varchar(16)	varchar(30)	varchar(16)	varchar(30)	character	varying(16) obazaster	cnaracter varying(254)	character varying(254)	character varving(254)	() C   S   C   C   C   C   C   C   C   C	ימוטושוא	\2\c\2\c\7\c\7\c\7\c\7\c\7\c\7\c\7\c\7\c
	column_id	m2trenchl cost	pi	descript	link	url	picture	þi	descript	link	picture	þi	descript	link	picture	þi	descript	link	picture	thickness	m2_cost	þi	observ	pi	observ	<u>D</u>	observ	pi	observ	sector_id	descript	the_geom	node_id	top_elev	ymax	sander	node_type	nodecat_id	epa_type	sector_id	state	\$ C : \$ C \$	ariilotatiori	observ	comment	7: 7: 7: 7:	ulla_lu	רו זפקונים
	table_id	cat soil	cat builder	cat_builder	cat_builder	cat_builder	cat_builder	cat_work	cat_work	cat_work	cat_work	cat_owner	cat_owner	cat_owner	cat_owner	cat_pavement	cat_pavement	cat_pavement	cat_pavement	cat_pavement	cat_pavement	man_type_category	man_type_category	man_type_fluid	man_type_fluid	man_type_location	man_type_location	connec_type	connec_type	sector	sector	sector	node	node	node	node	node	node	node	node	node	<del>(</del> <del>7</del>	anou	node	node	0	בסתב	1

UD – COLUMN	description	Field to store additional information about the feature.	Boolean to control if the depth of the conduit at initial node is estimated	Boolean to control if the depth of the conduit at final node is estimated	Field to use in order to rotate the symbology of the GIS canvas	Field to store URL or folder path with more information related to the arc	Value domain with information about the state of verification of the element (to review, verified,ât)	Linestring geometry field	Polygon identifier. Primary key.	Node identifier.	Text.	Polygon geometry field	ID of the management area related to the arc (District Meter Area). Primary key.	Hydraulic sector identifier related to the primary key of sector table	Field to store additional information about the feature.	Observations related to dma. Additional information	Polyaon aeometry field	Connect identifier, Primary key.	Elevation of the connect in ft or m.	Depth from ground to invert elevation (ft or m)	Connect catalog identifier	Hydraulic sector identifier related to the primary key of sector table	Special code of the connec	Number of hydrometers related to the connec	Water demand	Domain value of connect's state.	Annotations related to connect. Additional information.	Observations related to connect. Additional information		Comments related to connect. Additional information	Field to use in order to rotate the symbology of the GIS canvas	ID of the management area related to the arc (District Meter Area)	ID of the soil related to the connect.	ID of the category type related to connct.	ID of the fluid type related to connect.	ID of the location type related to connect.	ID of the construction work related to connect.	ID of the builder related to connect.	ID of the construction date related to connect.	ID of the owner related to connect.	Field to store information about the adress of the feature.	Field to store information about the adress of the feature.	Held to store information about the adress of the feature.	Street identifier.	Post code number.
	column_type	varchar(254)	boolean	boolean	Numeric(6,3)	character varving(512)	varchar(16)	public.geometry	varchar(16)	varchar(16)	varchar(254)	public.geometry	varchar(30)	varchar(30)	varchar(255)	character varving(512)	public.geometry	varchar(30)	Numeric(12,4)	Numeric(12,4)	varchar(30)	varchar(30)	Varchar(30)	int4	Numeric(12,8)	character varying(16)	character varying(254)	character	varying(254)	cnaracter varying(254)	Numeric(6,3)	varchar(30)	varchar(16)	varchar(18)	varchar(18)	varchar(18)	varchar(255)	varchar(30)	date	varchar(30)	varchar(50)	varchar(50)	varchar(50)	Varchar (16)	Varchar(16)
	column_id	descript	est_y1	est_y2	rotation	ink ink	verified	the_geom	po_lod	node_id	text	the_geom	dma_id	sector_id	descript	observ	the aeom	connec id	top elev	ymax	connecat_id	sector_id	code	n_hydrometer	demand	state	annotation	observ	-	comment	rotation	dma_id	soilcat_id	category_type	fluid_type	location_type	workcat_id	buildercat_id	builtdate	ownercat_id	adress_01	adress_02	adress_03	streetaxis_id	postnumber
	table_id	arc	arc	arc	arc	arc	arc	arc	polygon	polygon	polygon	polygon	dma	dma	dma	dma	dma	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec		connec	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec	connec

			UD – COLUMN
table_id	column_id	column_type	description
connec	descript	varchar(254)	Field to store additional information about the feature.
connec	link	character varying(512)	Field to store link to information related to the connect.
connec	verified	varchar(16)	Value domain with information about the state of verification of the element (to review, verified,ât)
connec	the_geom	public.geometry	Point geometry field
vnode	vnode_id	varchar(16)	Virtual node identifier. Primary key
vnode	arc_id	Varchar(16)	Arc identifier.
vnode	the_geom	public.geometry	Point geometry field
vnode	userdefined_pos	boolean	Column to control when the user have moved the vnode (custom position, not automatic position). The goal of this control is dissable the posibility to ovewrite the vnode position.
vnode	vnode type	varchar(30)	Virtual node type.
vnode	sector_id	varchar(30)	Hydraulic sector identifier related to the primary key of sector table
vnode	state	character varying(16)	Domain value of virtual node's state.
vnode	annotation	character varying(254)	Annotations related to virtual node. Additional information.
link	link_id	varchar(16)	Link identifier. Primary key
link	the_geom	public geometry	Linestring geometry field
link	connec_id	varchar(16)	Connect identifier related to the primary key of connec table
link	vnode_id	varchar(16)	Virtual node identifier.
link	custom_length	Numeric(12,3)	Link length inserted by the user.
gully	gully_id	varchar(16)	Gully identifier. Primary key
gully	top_elev	Numeric(12,4)	Elevation of the gully in ft or m.
gully	ymax	Numeric(12,4)	Depth from ground to invert elevation (ft or m)
gully	sandbox	Numeric(12,4)	Dimension (depth) of the place to collect sands from urban water
gully	matcat_id	varchar(18)	Material catalog identifier.
gully	gratecat_id	varchar(18)	Grate catalog identifier.
gully	units	int2	Number of units of the element
gully	groove	varchar(3)	YES if gully in a joint with kerb has groove to increase the capacity
gully	arccat_id	varchar(18)	Arc catalog identifier.
gully	siphon	varchar(3)	YES if gully has siphon in order to prevent salubrity problems with odours
gully	arc_id	Varchar(16)	Arc identifier.
gully	sector_id	varchar(30)	Hydraulic sector identifier related to the primary key of sector table
gully	state	character varying(16)	Domain value of gully's state.
gully	annotation	character	Annotations related to gully. Additional information
		varying(254)	
gully	observ	character varying(254)	Observations related to gully. Additional information
Allub	comment	character	Comments related to gully. Additional information
<b>.</b>		varying(254)	
gully	rotation	Numeric(6,3)	Field to use in order to rotate the symbology of the GIS canvas
gully	dma_id	varchar(30)	ID of the management area related to the gully (District Meter Area)
gully	soilcat_id	varchar(16)	ID of the soil related to the gully.
gully	category_type	varchar(18)	ID of the category type related to gully.
gully	fluid_type	varchar(18)	ID of the fluid type related to gully.
gully	location_type	varchar(18)	ID of the location type related to gully.
gully	workcat_id	varchar(255)	ID of the construction work related to gully.
gully	buildercat_id	varchar(30)	ID of the builder related to gully.

			UD – COLUMN
table_id	column_id	column_type	description
gully		timestamp(6)	ID of the construction date related to gully.
gully	ownercat_id	varchar(30)	ID of the owner related to gully.
polygon	undelete	lood	Blocks the deleting option
gully 	adress_01	varchar(50)	Field to store information about the adress of the feature.
ying 	adress_uz	varchar(50)	Field to store information about the adress of the feature.
Aling "	adress_03	varchar(50)	Field to store information about the adress of the feature.
gully	descript	varchar(254)	Field to store additional information about the feature.
gully	link	character	Field to store link to information related to the gully
Allio	verified	varchar(4)	Value domain with information about the state of verification of the element (to review verified ât)
guily.	+ + + + + + + + + + + + + + + + + + +	oublic geometry	Daint accompany field
guily	ייין ה	public.geometry	Torright and the control of the cont
man_junction	node_id	varchar(16)	Junction Identifier.
man_storage	node_id	varchar(16)	Storage identifier.
man_outfall	node_id	varchar(16)	Outfall Identifier.
man_conduit	arc_id	varchar(16)	Arc identifier.
element	element_id	varchar(16)	Element identifier. Primary key
element	elementcat_id	varchar(30)	Element catalog identifier
element	state	character	Domain value of element's state.
+10000010	3000	valyllig(19)	and in a contract of a different for a first for a fir
element	annotation	cnaracter varying(254)	Annotations related to element. Additional information.
element	observ	character varying(254)	Observations related to element. Additional information
element	comment	character varving(254)	Comments related to element. Additional information
element	Incation tyne	varchar(18)	ID of the location two related to element
olomont	Workcat id	varchar(25)	In of the concentration words related to alament
element	workding hijlderat id	varchar(30)	ID of the builder related to element
element	hiiltdate	timestamp(6)	To of the control to the related to alement
element	ownercat id	warchar(30)	To the owner related to element
	owiel cat_id	timostama(6)	Liveline White legated to celliform. First file White legated or croil Thomas of this soliton is to cooking the socialistic to hours information of all the
element	enddate	umestamp(b)	Expiration date. Expected or real. The goal of this column is to enable the positionty to have information of all the deprecated elements of the infraestructure without delete it
element	rotation	Numeric(6,3)	Field to use in order to rotate the symbology of the GIS canvas
element	link	character	Field to store link to information related to the element
	-	varying(512)	
element	verified	varchar(16)	Value domain with information about the state of verification of the element (to review, verified a)
value_yesno	observ	varchar(254)	Observations related to yes/no value Additional information
cat_hydrology	DI .	varchar(20)	Hydrology catalog identifier.
cat_hydrology	infiltration	varchar(20)	Infiltration parameter.
cat_hydrology	descript	varchar(255)	Field to store additional information about the feature.
inp_adjustments	þi	varchar(16)	Adjustment identifier.
inp_adjustments	adj_type	varchar(16)	Values are TEMPERATURE, EVAPORATION, RAINFALL
inp_adjustments	value_1	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_2	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_3	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_4	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_5	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_6	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_7	Numeric(12,4)	Evaporation value parameters of SWMM project.

			UD - COLUMN
table_id	column_id	column_type	description
inp_adjustments	value_8	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_9	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_10	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_11	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_adjustments	value_12	Numeric(12,4)	Evaporation value parameters of SWMM project.
inp_aquifer	aquif_id	varchar(16)	Aquifer identifier.
inp_aquifer	por	Numeric(12,4)	Soil porosity (fraction).
inp_aquifer	dw	Numeric(12,4)	Soil wilting point (fraction).
inp_aquifer	fc	Numeric(12,4)	Soil field capacity (fraction).
inp_aquifer	~	Numeric(12,4)	Saturated hydraulic conductivity (in/hr or mm/hr).
inp_aquifer	ks	Numeric(12,4)	Slope of hydraulic conductivity versus moisture content curve.
inp_aquifer	sd	Numeric(12,4)	Slope of soil tension versus moisture content curve.
inp_pattern	factor_22	Numeric(12,4)	Multiplier values.
element_x_connec	þi	varchar(16)	Element related to connect identifier. Primary key.
inp_aquifer	uef	Numeric(12,4)	Fraction of total evaporation available for evapotranspiration in the upper unsaturated zone.
inp_aquifer	led	Numeric(12,4)	Maximum depth into the lower saturated zone over which evapotranspiration can occur (ft or m).
inp_storage	sh	Numeric(12,4)	Soil capillary suction head (in or mm).
inp_aquifer	gwr	Numeric(12,4)	Rate of percolation from saturated zone to deep groundwater when water table is at ground surface (in/hr or mm/hr).
inn adılifer	9	Niimeric(12.4)	Flevation of the hottom of the acriifer (# or m)
inp_adding	Q to	Numorio(12.4)	Motor table of the total of control of the control
inp_aquiei	91M	Numeric(12.4)	Votet radie elevation at state of simulation (if of 11). I Increted and monitaries constant of each of circulosian (scaetian)
inp_aquiler	umc	Numeric(12,4)	Obstituted zone indisture content at start of simulation (fraction).
catchment	undelete	1000	Blocks the deleting option
inp_aquiter	pattern_id	varchar(16)	Monthly pattern of adjustments to upper evaporation fraction
Inp_backdrop	DI	int4	Backdrop identifier. Primary key.
inp_backdrop	text	varchar(254)	Text.
inp_buildup_land_x_pol	landus_id	varchar(16)	Land use identifier.
inp_buildup_land_x_pol	pi_llod	varchar(16)	Pollutant identifier.
inp_buildup_land_x_pol	funcb_type	varchar(18)	Buildup function type: ( POW / EXP / SAT / EXT ).
inp_buildup_land_x_pol	c1	Numeric(12,4)	Buildup function parameters (see Table D-2 from Appendix D of SWMM's Manual).
inp_buildup_land_x_pol	c2	Numeric(12,4)	Buildup function parameters (see Table D-2 from Appendix D of SWMM's Manual).
inp_buildup_land_x_pol	c3	Numeric(12,4)	Buildup function parameters (see Table D-2 from Appendix D of SWMM's Manual).
inp_buildup_land_x_pol	perunit	varchar(10)	AREA If buildup is per unit area, CURBLENGTH if per length of curb.
inp_conduit	arc_id	varchar(50)	Arc identifier.
Inp_conduit	barreis	INTZ	Number of barreis (i.e., number of parallel pipes of equal size, slope, and rougnness) associated with a conduit (default is 1).
inp_conduit	culvert	varchar(10)	Code number from A Table A.10 (from Appendix A of SWMM's Manual) A for the conduit's inlet geometry if it is a culvert enries to possible inlet flow control (leave blank otherwise)
tin baco dai	Vapot	Numeric(12.4)	oranges to possing methods of control and methods of control and methods of control and loss conflicient
inp_conduit	Kevit	Numeric(12.4)	Evit minor head loss coefficient
יייליייליייליייליייליייליייליילייליילילי	מינים א	Numeric(12.4)	Laterillier recent base occupants arrors landth of conduit
inp conduit	flan	varchar(3)	Average minor near ross coemicient across lengin or condain. YES if conduit has a flan gate that prevents hack flow NO otherwise (default is NO)
inp conduit	d O	Numeric(124)	Consider the start of simulation (flow units) (default is).
inp conduit	qeax	Numeric(12,4)	Maximum flow (flow units)
inp conduit	seepade	Numeric(12,4)	Rate of seepage loss into surrounding soil
inp_controls	) - P <u>i</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
:		:	the text lines Giswater reads by this order the information.
inp_evaporation	value_2	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in February (in/day or mm/day).

				UD – COLUMN
table_id	3	column_id	column_type	description
inp_controls	text		varchar(254)	Text with control rules. Each control rule is a series of statements of the form. Should follow the format described as: RULE R1 IF SIMULATION TIME >8 THEN PUMP 12 STATUS = ON
one coverage land x subc	bi Julio		varchar(16)	Subcatchment identifier
inn coverage land x subc	landirs id		varchar(16)	l and tree identifier
inp coverage land x subc	percent		numeric(12.4)	Percent of subcatchment area.
inp_curve	pi		int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
!			(0,0)	THE EXTINES GISWALET TEADS BY THIS OTHER THE INFORMATION.
inp_curve	curve_id		varchar(16)	Curve identifier
inp_curve	x_value		numeric(18,6)	X value of the curve
inp_curve	y_value		numeric(18,6)	Y value of the curve
inp_curve_id	þi		varchar(16)	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
inp curve id	curve type		varchar(20)	STORAGE / DIVERSION / TIDAL / PUMP1 / PUMP2 / PUMP3 / PUMP4 / RATING.
inp_divider	node id		varchar(50)	Node identifier.
inp_divider	divider_type		varchar(18)	A divider can be: OVERFLOW, CUTOFF, TABULAR or WEIR.
inp_divider	arc_id		varchar(50)	Arc identifier.
inp_divider	curve_id		varchar(16)	Curve identifier
inp_divider	dmin		Numeric(16,6)	Flow at which diversion begins for either a CUTOFF or WEIR divider (flow units).
inp_divider	ht		Numeric(12,4)	Height of WEIR divider (ft orm).
inp_divider	cd		Numeric(12,4)	Discharge coefficient for WEIR divider.
inp_divider	y0		Numeric(12,4)	Water depth at start of simulation (ft or m) (default is 0).
inp_divider	ysur		Numeric(12,4)	Maximum additional head above ground elevation that node can sustain under surcharge conditions (ft or m) (default is 0).
inp_divider	apond		numeric(12,4)	, Area subjected to surface ponding once water depth exceeds Ymax (ft2Â or m2) (default is 0)
inp_dwf	pi		int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
				the text lines Giswater reads by this order the information.
inp_dwf	node_id		varchar(50)	Node identifier.
inp_dwf	value		Numeric(12,5)	Average baseline value for corresponding Item (flow or concentration units).
inp_dwf	pat1		varchar(16)	Name of up to four time patterns appearing in the patterns table.
inp_dwf	pat2		varchar(16)	Name of up to four time patterns appearing in the patterns table.
inp_dwf	pat3		varchar(16)	Name of up to four time patterns appearing in the patterns table.
inp_dwf	pat4		varchar(16)	Name of up to four time patterns appearing in the patterns table.
ext_type_street	pi		Varchar (20)	ID of a street type. Primary key.
ext_type_street	observ		Varchar (50)	Observations related to street type. Additional information
ext_streetaxis	þi		Varchar(16)	ID of a street. Primary key.
ext_streetaxis	type		Varchar(18)	Street type.
ext_streetaxis	name		Varchar(100)	Street name.
ext_streetaxis	text		text	Field ready to insert text for additional information.
ext_streetaxis	the_geom		public.geometry	Line geometry field.
ext_urban_propierties	þį		Varchar (16)	ID of a urban propierties. Primary key.
element_x_node	þį		varchar(16)	Element related to node identifier. Primary key.
element_x_node	element_id		varchar(16)	Element identifier related to the primary key of element table
element_x_node	node_id		varchar(16)	Node identifier related to the primary key of the node table
element_x_connec	element_id		varchar(16)	Element identifier related to the primary key of element table
element_x_connec	connec_id		varchar(16)	Connect identifier related to the primary key of connec table
element_x_gully	p <u>i</u>		varchar(16)	Element related to gully identifier. Primary key.
element_x_gully	element_id		varchar(16)	Element identifier related to the primary key of element table
element_x_gully	gully_id		varchar(16)	Node identifier related to the primary key of the gully table
value_state	DI		varchar(16)	ID of value state. Primary key.

			UD – COLUMN
table_id	column_id	column_type	description
value state	observ	varchar(254)	Observations related to state. Additional information
value verified	pi	varchar(16)	ID of verification status. Primary kev.
value verified	observ	varchar(254)	Observations related to verification status Additional information
value vesno	þį	varchar(16)	ID of value ves/no. Primary kev.
inp_selector_hydrology	hydrology_id	varchar(20)	Hydrology identifier.
rpt_outfallload_sum	value		Value,
inp_dwf_pol_x_node	poll_id	varchar(16)	Pollutant identifier.
inp_dwf_pol_x_node	node_id	varchar(50)	Node identifier.
inp_dwf_pol_x_node	value	Numeric(12,4)	Average baseline value for corresponding Item (flow or concentration units).
inp_dwf_pol_x_node	pat1	varchar(16)	Names of up to four time patterns appearing in the patterns table.
inp_dwf_pol_x_node	pat2	varchar(16)	Names of up to four time patterns appearing in the patterns table.
inp_dwf_pol_x_node	pat3	varchar(16)	Names of up to four time patterns appearing in the patterns table.
inp_dwf_pol_x_node	pat4	varchar(16)	Names of up to four time patterns appearing in the patterns table.
inp_evaporation	evap_type	varchar(16)	Evaporation type (CONSTANT, MONTHLY, TIMESERIES, TEMPERATURE or FILE)
inp_evaporation	evap	Numeric(12,4)	Constant evaporation rate (in/day or mm/day).
inp_evaporation	timser_id	varchar(16)	Name of time series inÅ timeseriesÅ table with evaporation data.
inp_evaporation	value_1	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in January (in/day or mm/day).
inp_orifice	ori_type	varchar(18)	Orientation of orifice: either SIDE or BOTTOM.
inp_evaporation	value_3	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in March (in/day or mm/day).
inp_evaporation	value_4	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in April (in/day or mm/day).
inp_evaporation	value_5	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in May (in/day or mm/day).
inp_evaporation	value_6	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in June (in/day or mm/day).
inp_evaporation	value_7	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in July (in/day or mm/day).
inp_evaporation	value_8	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in August (in/day or mm/day).
inp_evaporation	value_9	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in September (in/day or mm/day).
inp_evaporation	value_10	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in October (in/day or mm/day).
inp_evaporation		Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in November (in/day or mm/day).
inp_evaporation	value_12	Numeric(12,4)	Evaporation value parameters of SWMM project. Evaporation rate in December (in/day or mm/day).
inp_evaporation	pan_1	Numeric(12,4)	Pan coefficient for January.
inp_evaporation	pan_2	Numeric(12,4)	Pan coefficient for February.
inp_evaporation	pan_3	Numeric(12,4)	Pan coefficient for March.
inp_evaporation	pan_4	Numeric(12,4)	Pan coefficient for April.
inp_evaporation	pan_5	Numeric(12,4)	Pan coefficient for May.
inp_evaporation	pan_6	Numeric(12,4)	Pan coefficient for June.
inp_evaporation	pan_7	Numeric(12,4)	Pan coefficient for July.
inp_evaporation	pan_8	Numeric(12,4)	Pan coefficient for August.
inp_evaporation	pan_9	Numeric(12,4)	Pan coefficient for September.
inp_evaporation	pan_10	Numeric(12,4)	Pan coefficient for October.
inp_evaporation	pan_11	Numeric(12,4)	Pan coefficient for November.
inp_evaporation	pan_12	Numeric(12,4)	Pan coefficient for December.
inp_evaporation	recovery	varchar(16)	Identifies an optional monthly time pattern of multipliers used to modify infiltration recovery rates during dry periods. For example, if the normal infiltration recovery rate was 1% during a specific time period and a pattern factor of 0,8 applied to this period, then the actual recovery rate would be 0.8%
ion eyepotation	ylao yab	yarchar(3)	Determines if eveneration and occurs during nations with no precipitation. The default is NO
inp_evaporation inp_files	id	valdial(3) int4	Determines it evaporation only occurs utiling periods with no precipitation. The default is NO.  Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
inp files	actio type	varchar(18)	Action required by this file.
inp_files	file_type	varchar(18)	File type.
inp_files	fname	varchar(254)	File name

			UD – COLUMN
table_id	column_id	column_type	description
inn aroundwater	bi Julis	varchar(16)	Sirhcatchment identifier
inp_groundwater	בי ייייבי	Varchar(16)	outboardinater actions.
inp_groundwater	aduil_ia	valcial(19)	Adulet totalinet.
Inp_groundwater	node_Id	varchar(50)	Node Identifier
inp_groundwater	surfel	Numeric(12,4)	Surface elevation of subcatchment (ft or m).
inp_groundwater	a1	Numeric(12,4)	Groundwater flow coefficient (see remarks).
inp_groundwater	b1	Numeric(12,4)	Groundwater flow exponent (see remarks).
inp_groundwater	a2	Numeric(12,4)	Surface water flow coefficient (see remarks).
inp_groundwater	b2	Numeric(12,4)	Surface water flow exponent (see remarks).
inp_groundwater	a3	Numeric(12,4)	Surface water âlgroundwater interaction coefficient (see remarks).
inp_groundwater	tw	Numeric(12,4)	Fixed depth of surface water at receiving node (ft or m) (set to zero if surface water depth will vary as computed by flow routing).
inp_groundwater	٩	Numeric(12,4)	Groundwater table height which must be reached before any flows occurs (ft or m). Leave blank to use the height of the receiving node's invert above the aquifer bottom.
inp_groundwater	fl_eq_lat	varchar(50)	To supply a custom equation for lateral groundwater flow. Enter an expression to use in addition to the standard
	-	-	equation to rateral groundwater now
inp_groundwater	f_eq_deep	varchar(50)	To supply a custom equation for deep groundwater flow. Enter an expression to use in addtion to the standard equation for deep groundwater flow
inp_orifice	po	Numeric(12,4)	Discharge coefficient (unitless).
inp_hydrograph	þį	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
raingage	rgage_type	varchar(18)	Raingage type (TIMESERIES or FILE)
inp_hydrograph	text	varchar(254)	Should follow the described format: Name Raingage, Name Month SHORT/MEDIUM/LONGÂ RÂ TÂ K (Dmax Drec D0)
inp_orifice	shape	varchar(18)	Cross-section shape. The only allowable shapes are CIRCULAR and RECT_CLOSED (closed rectangular).
inp_inflows	p <u>i</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
inp inflows	node id	varchar(50)	Node identifier.
inflows	timser_id	varchar(16)	Time series identifier.
ing inflows	sfactor	Numeric(12,4)	Scaling factor that multiplies the recorded time series values (default is 1.0).
inflows	base	Numeric(12,4)	Constant baseline value added to the time series value (default is 0.0).
inp_inflows	pattern_id	varchar(16)	Name of optional time pattern in patterns table used to adjust the baseline value on a periodic basis.
inp_inflows_pol_x_node	poll_id	varchar(16)	Pollutant identifier.
inp_inflows_pol_x_node	node_id	varchar(50)	Node identifier.
inp_inflows_pol_x_node	timser_id	varchar(16)	Time series identifier.
inp_snowpack	fout	Numeric(12,4)	Fraction of snow on plowable area transferred out of watershed.
inp_inflows_pol_x_node	form_type	varchar(18)	CONCEN if pollutant inflow is described as a concentration, MASS if it is described as a mass flow rate (default is
			CONCEIN).
inp_inflows_pol_x_node	mfactor	Numeric(12,4)	I he factor that converts the inflowate mass flow rate units into the projectate mass units per second, where the projectate mass units are those specified for the pollutant in the pollutants table (default is 1.0).
inp_inflows_pol_x_node	sfactor	Numeric(12,4)	Caling factor that multiplies the recorded time series values (default is 1.0).
inp_inflows_pol_x_node	base	Numeric(12,4)	Constant baseline value added to the time series value (default is 0.0).
inp_inflows_pol_x_node	pattern_id	varchar(16)	Name of optional time pattern in patterns table used to adjust the baseline value on a periodic basis.
inp_junction	node_id	varchar(50)	Node identifier.
inp_junction	y0	Numeric(12,4)	Water depth at start of simulation (ft or m) (default is 0).
inp_junction	ysur	Numeric(12,4)	Maximum additional head above ground elevation that manhole junction can sustain under surcharge conditions (ft or m) (default is 0).
inp_junction	apond	numeric(12,4)	Area subjected to surface ponding once water depth exceeds Ymax (ft2Â or m2) (default is 0)
inp_label	label	varchar(16)	Text of label surrounded by double quotes.
inp_label	xcoord	numeric(18,6)	Location of the label: x coordinate.

			UD – COLUMN
table_id	column_id	column_type	description
inp label	vcoord	numeric(18,6)	Location of the label: y coordinate.
inp label	anchor	varchar(16)	Name of node or subcatchment that anchors the label on zoom-ins
inp label	font	varchar(50)	Font style of the label.
inp label	Size	Numeric(12.4)	Size of the label.
inp label	plod	varchar(3)	Style of the label: bold.
inp label	italic	varchar(3)	Style of the label: italic.
inp landuses	landus id	varchar(16)	) (label land use name).
inp_landuses	sweepint	Numeric(12,4)	Days between street sweeping.
inp landuses	availab	Numeric(12,4)	Fraction of pollutant buildup available for removal by street sweeping.
inp_landuses	lastsweep	numeric(12,4)	Days since last sweeping at start of the simulation.
inp_lid_control	þi	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
			the text lines Giswater reads by this order the information.
inp_lid_control	lidco_id	varchar(16)	ID label (name assigned to LID process).
inp_lid_control	lidco_type	varchar(10)	The Lid Controls can be: SURFACE, SOIL, PAVEMENT, STORAGE, DRAIN.
inp_lid_control	value_2	Numeric(12,4)	Value dependent on Lidco type (see Remarks).
inp_lid_control	value_3	Numeric(12,4)	Value dependent on Lidco type (see Remarks).
inp_lid_control	value_4	Numeric(12,4)	Value dependent on Lidco type (see Remarks).
inp_lid_control	value_5	Numeric(12,4)	Value dependent on Lidco type (see Remarks).
inp_lid_control	value_6	Numeric(12,4)	Value dependent on Lidco type (see Remarks).
inp_lid_control	value_7	Numeric(12,4)	Value dependent on Lidco type (see Remarks).
inp_lid_control	value_8	Numeric(12,4)	Value dependent on Lidco type (see Remarks).
inp_lidusage_subc_x_lidco	subc_id	varchar(16)	Subcatchment identifier.
inp_lidusage_subc_x_lidco	lidco_id	varchar(16)	ID label (name of an LID process defined in the [LID_CONTROLS] table).
inp_lidusage_subc_x_lidco	number	int2,	The number of replicate LID units deployed.
inp_lidusage_subc_x_lidco	area	Numeric(16,6)	The area of each replicate unit (ft2Å or m2).
inp_lidusage_subc_x_lidco	width	Numeric(12,4)	The width of the outflow face of each identical LID unit (in ft or m). This parameter only applies to LID processes such as porous pavement and vegetative swales that use overland flow to convey surface runoff off of the unit. (The other
			LID processes, such as bio-retention cens and inflittation trenches simply spill any excess captured ration over their berms.)
inp lidusage subc x lidco	initsat	Numeric(12,4)	The percent to which the unit's soil layer or storage layer is initially filled with water.
inp_orifice	orate	Numeric(12,4)	Time in decimal hours to open a fully closed orifice (or close a fully open one). Use 0 if the orifice can open/close instantaneously.
rpt aroundwater cont	deep perc	Numeric(12.4)	Deep Percolation.
inp orifice	flap	varchar(3)	YES if flap gate present to prevent reverse flow, NO if not (default is NO).
inp_snowmelt	stemp	numeric(12,4)	Air temperature at which precipitation falls as snow (deg F or C).
inp_orifice	to_arc	varchar(16)	This fields identifies the direction of the flow of the shortpipe, applied only for the case of check valves
inp_lidusage_subc_x_lidco	fromimp	Numeric(12,4)	The percent of the impervious portion of the subcatchment's non-LID area whose runoff is treated by the LID units. If the LID unit treats only direct rainfall, such as with a green roof, then this value should be 0. If the LID takes up the parties calculated than this field is incread.
		<b>C</b> + - :	atine subcatchinent then by giving.
inp_lidusage_subc_x_lidco	toperv	intz,	1 if the outflow from the LID is returned onto the subcatchment's pervious area rather than going to the subcatchment's outlet; 0 otherwise. An example of where this might apply is a rain barrel whose contents are used to irrigate a lawn area. This field is ignored if the LID takes up the entire subcatchment.
inp_lidusage_subc_x_lidco	rptfile	varchar(10)	Optional name of a file to which detailed time series results for the LID will be written. Enclose the name in double quotes if it contains spaces and include the full path if it is different than the SWMM input file path.
inp loadings pol x subc	pi llod	varchar(16)	Pollutant identifier.
inp loadings pol x subc	subc_id	varchar(16)	Subcatchment identifier,
inp loadings pol x subc	ibuildup	numeric(12,4)	Initial buildup of pollutant (Ibs/acre or kg/hectare).
inp mapdim	type_dim	varchar(18)	Type of map dimensions.
inp_mapdim	x	numeric(18,6)	Lower-left X coordinate of full map extent.

			UD – COLUMN
table_id	column_id	column_type	description
inp mapdim	y1	numeric(18,6)	Lower-left Y coordinate of full map extent
ing mapdim	, x2	numeric(18,6)	Upper-right X coordinate of full map extent
inp mapdim	٧2	Numeric(18,6	Upper-right Y coordinate of full map extent
ing magnifis	type units	varchar(18)	Type of map units.
inp mapunits	map type	varchar(18)	Man type.
ing node x sector	Di Di	int4	Note related to sector identifier. Primary key.
inp node x sector	node id	Varchar (16)	Node identifier.
inp node x sector	sector id	Varchar (16)	Sector identifier.
ing node x sector	ena tvoe	Varchar (16)	Ena type
inn ontions	flow units	varchar(20)	- pusy PC. Tyme of Injis in which flow rates are expressed
sucitor dui	flow rolling	varchar(12)	Mathod seed to route flows through the drainage exetem
options	Second of the se	varchar(12)	metrod according to an order the analysis of a link officer and a second according to an order of the analysis and a
options	force main oditation	varchar(12)	The convenion used to specify the position of a first onset above the first of its confidential flowe. Establishes whether the Dazon Williams (U.W.) or the Dazor Weishach (D.W.) occuption will be used to compute friction
suppdo <sup>-</sup> diii	יסו רפ - וומון - בלתמונסון	val Glal(3)	Establishes when it in mazeri-williams (n-w) of the Daicy-weisbach (D-w) equation will be used to compute including sessenged flow in conduits that have been assigned a Circular Force Main crosssection shape. The default
	:		IS H-W.
inp_options	ignore_rainfall	varchar(3)	Set to YES if all rainfall data and runoff calculations should be ignored.
inp_options	ignore_snowmelt	varchar(3)	Set to YES if all snowmelt data and runoff calculations should be ignored when project file contains snow pack objects
inp_options	ignore_groundwater	varchar(3)	Set to YES if all groundwater data and runoff calculations should be ignored when a project file contains aquifer objects
inp options	ignore routing	varchar(3)	Set to YES if only runoff should be computed even if the project contains drainage system links and nodes.
suoitions	ignore guality	varchar(3)	Set to YES if nollitrant washoff routing and treatment should be ignored in a project that has nollitrants defined
in ontions	skin steady state	varchar(3)	Cotto VES if flow to thin computations should be ckinned during staged or as projects of a similarion during which the
	orly_orday_state	(2)	Section Les II now reading comparations should be shipped daining steady state periods of a simulation daining which are last set of computed flows will be used.
inn ontions	start date	varchar(12)	Date when the simulation herins
inn ontions	start time	varchar(12)	Time when the simulation begins
original adi	2000	(51) (51)	the state of the s
Sinch options	Gild date	Valenal(12)	Take Witch the Simulation of the S. T.
silondo_diii	ם וח	valcial(12)	
suondo_dui	report_start_date	varchar(12)	Tate when reporting of results is to begin.
inp_options	report_start_time	varchar(12)	I ime when reporting of results is to begin.
inp_options	sweep_start	varchar(12)	Day of the year (month/day) when street sweeping operations begins.
inp_options	sweep_end	varchar(12)	Day of the year (month/day) when street sweeping operations ends.
inp_options	dry_days	Numeric(12)	The number of days with no rainfall prior to the start of the simulation. The default is 0.
inp_options	report_step	varchar(12)	The time interval for reporting of computed results. The default is 0:15:00.
inp_options	wet_step	varchar(12)	The time step length used to compute runoff from subcatchments during periods of rainfall or when ponded water still remains on the surface. The default is 0:05:00.
inp_options	dry_step	varchar(12)	The time step length used for runoff computations (consisting essentially of pollutant buildup) during periods when there is no rainfall and no bonded water. The default is 1:00:00.
inn ontions	routing step	varchar(12)	The time sten length in seconds used for routing flaws and water quality constituents through the conveyance system
	day: _6	Val Glal ( 12 )	The default is 600 sec.
inp_options	lengthening_step	Numeric(12,6)	Time step, in seconds, used to lengthen conduits under dynamic wave routing, so that they meet the Courant stability
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Citetion under luminow conductions
Inp_options inp_options	variable_step inertial damping	Numeric(12,6) varchar(12)	Safety factor applied to a variable time step computed for each time period under dynamic wave flow routing. Indicates how the inertial terms in the Saint Venant momentum equation will be handled under dynamic wave flow
I			routing.
inp_options	normal_flow_limited	varchar(12)	Specifies which condition is checked to determine if flow in a conduit is supercritical and should thus be limited to the normal flow.
inp_options	min_surfarea	Numeric(12,6)	Minimum surface area used at nodes when computing changes in water depth under dynamic wave routing.
inp_options	min_slope	Numeric(12,6)	Minimum value allowed for a conduitâß slope (%).
inp_options	allow_ponding	varchar(3)	YES if the node allow ponding on the surface

			UD - COLUMN
table_id	column_id	column_type	description
inp options	tempdir	varchar(254)	The name of a file directory (or folder) where SWMM writes its temporarty files.
inp options	max trials	int4,	Maximum trials allowed on the simulation
inp_options	head_tolerance	Numeric(12,4)	Head tolerance parameter
inp options	sys flow tol	int4,	Tolerance of system flow
inp options	lat flow tol	int4	Tolerance of lateral flow
inp orifice	arc id	varchar(16)	Arc identifier
inp_orifice	node_id	varchar(16)	Node identifier.
inp_orifice	offset	Numeric(12,4)	Amount that a Side Orificeas bottom or the position of a Bottom Orifice is offset above the invert of inlet node (it or m,
			expressed as either a depth or as an elevation, depending on the LINK_OFFSETS option setting).
inp_orifice	geom1	Numeric(12,4)	Maximum depth (ft or m).
inp_orifice	geom2	numeric(12,4)	Width parameter (ft or m)
inp_orifice	geom3	numeric(12,4)	Auxiliary parameters (width,side,slopes, etc.) as listed in Table D-1 from Appendix D of SWMM's Manual.
inp_orifice	geom4	numeric(12,4)	Auxiliary parameters (width,side,slopes, etc.) as listed in Table D-1 from Appendix D of SWMM's Manual.
inp_outfall	node_id	varchar(16)	Node identifier.
inp_outfall	outfall_type	varchar(16)	An ouffall can be: FREE, NORMAL, FIXED, TIDAL or TIMESERIES.
inp_outfall	stage	Numeric(12,4)	Elevation of fixed stage outfall (ft or m).
inp_outfall	curve id	varchar(16)	Curve identifier.
inp_outfall	timser_id	varchar(16)	Time series identifier.
inp_outfall	gate	varchar(3)	YES or NO depending on whether a flap gate is present that prevents reverse flow.
inp_outlet	arc_id	varchar(16)	Arc identifier
inp outlet	node id	varchar(16)	Node identifier.
inp_outlet	outlet_type	varchar(16)	A outlet can be: TABULAR / DEPTH, TABULAR / HEAD, FUNCTIONALÂ / DEPTH or FUNCTIONAL / HEAD.
inp outlet	offset	Numeric(12,4)	Amount that the outlet is offset above the invert of inlet node (ft or m, expressed as either a depth or as an elevation,
!		•	depending on the LINK_OFFSETS option setting).
inp_outlet	curve_id	varchar(16)	Curve identifier.
inp_outlet	cd1	Numeric(12,4)	Coefficient for a FUNCTIONAL discharge funtion
inp_outlet	cd2	Numeric(12,4)	Exponent for a FUNCTIONAL discharge function
inp_outlet	flap	varchar(3)	YES if flap gate present to prevent reverse flow, NO if not (default is NO).
inp pattern	pattern id	varchar(16)	Pattern identifier.
inp_pattern	pattern_type	varchar(16)	A pattern can be: MONTHLY, DAILY, HOURLY or WEEKEND (see Remarks)
inp_pattern	factor_1	Numeric(12,4)	Multiplier values.
inp_pattern	factor_2	Numeric(12,4)	Multiplier values.
inp_pattern	factor_3	Numeric(12,4)	Multiplier values.
inp_pattern	factor_4	Numeric(12,4)	Multiplier values.
inp_pattern	factor_5	Numeric(12,4)	Multiplier values.
inp_pattern	factor_6	Numeric(12,4)	Multiplier values.
inp_pattern	factor_7	Numeric(12,4)	Multiplier values.
inp_pattern	factor_8	Numeric(12,4)	Multiplier values.
inp_pattern	factor_9	Numeric(12,4)	Multiplier values.
inp_pattern	factor_10	Numeric(12,4)	Multiplier values.
inp_pattern	factor_11	Numeric(12,4)	Multiplier values.
inp_pattern	factor_12	Numeric(12,4)	Multiplier values.
inp_pattern	factor_13	Numeric(12,4)	Multiplier values.
inp_pattern	factor_14	Numeric(12,4)	Multiplier values.
inp_pattern	factor_15	Numeric(12,4)	Multiplier values.
inp_pattern	factor_16	Numeric(12,4)	Multiplier values.
inp_pattern	factor_17	Numeric(12,4)	Multiplier values.
inp_pattern	factor_18	Numeric(12,4)	Multiplier values.
inp_pattern	factor_19	Numeric(12,4)	Multiplier values.

UD - COLUMN	description	Multiplier values.	Multiplier values.	Multiplier values.	Multiplier values.	Pollutant identifier.	Concentration units (MG/L for milligrams per liter, UG/L for micrograms per liter, or #/L for direct count per liter).	Concentration of pollutant in rainfall (concentration units).	Concentration of pollutant in groundwater (concentration units).	Concentration of pollutant in inflow/infiltration (concentration units).	Filst-order decay coefficient (Tradys).	YES if pollutant buildup occurs only when there is snow cover, NO otherwise (default is NO).	-O-Dollada II destines.	Fraction of co-political collecturation (default is 0). Concentration of nolliticat in divincather flow (concentration units)	Concentration to point and weather now (concentration units).	of the project	Addition of the project. Project creation date	Arc identifier	Node identifier.	Curve identifier.	This fields identifies the direction of the flow of the shortpipe, applied only for the case of check valves	Status at start of simulation (either ON or OFF; default is ON).	Depth at inlet node when pump turns on (ft or m) (default is 0).	Depth at inlet node when pump shuts off (ft or m) (default is 0).	Node identifier.	Hydrograph identifier. (name of an RDII unit hydrograph group specified in the hydrographs table).	Area of the sewershed which contributes RDII to the node (acres or hectares).	Specifies whether or not a summary of the input data should be provided in the output report. The default is NO.	Specifies whether continuity checks should be reported or not. The default is YES.	Specifies whether summary flow statistics should be reported or not. The default is YES.	Specifies whether all control actions taken during a simulation should be listed or not. The default is NO.	List of subcatchments whose results are to be reported. The default is NONE.	List of nodes whose results are to be reported. The default is NONE.	List of links whose results are to be reported. The default is NONE.	Antecedent temperature index weight (default is 0.5).	Negative melt ratio (default is 0.6).	Average elevation of study area above mean sea level (ft or m) (default is 0).	Latitude of the study area in degrees North (default is 50).	Correction, in minutes of time, between true solar time and the standard clock time (default is 0).	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,1.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,2.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,3.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,4.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,5.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,6.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,7.	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,8.
	column_type	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	numeric(12,4)	varchar(16)	varchar(18)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	varchar(3)	Varcifar(16)	numeric(12,4)	(12,4)	varchar(504)	varchar(12)	varchar(16)	varchar(16)	varchar(16)	varchar(16)	varchar(3)	Numeric(12,4)	numeric(12,4)	varchar(50)	varchar(16)	numeric(16,6)	varchar(18)	varchar(20)	varchar(3)	varchar(3)	varchar(4)	varchar(4)	varchar(4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)
	column_id	factor 20	factor 21	factor_23	factor_24	pi_llod	units_type	crain	cgw :	CII	KO	sflag	copoli_la	collact	titlo	une	date	arc id	node id	curve id	to_arc	status	startup	shutoff	node_id	hydro_id	sewerarea	input	continuity	flowstats	controls	subcatchments	nodes	links	atiwt	rnm	elev	lat	dtlong	9 <sup>-</sup> i	i_f1	i <u>_</u> f2		i_f4	i_f5	i_f6	1_f7	i_f8
	table_id	inp pattern	inp pattern	inp_pattern	inp_pattern	inp_pollutant	inp_pollutant	inp_pollutant	inp_pollutant 	inp_pollutant	inp_poliutant	inp_pollutant	inp_pollutarit	inp_pollutarit	inp_poliutant		inp project id		amna aui	dund dui	dmnd_dui	dmnd_dni	dmnd_dui	dmnd_dui	inp_rdii	inp_rdii	inp_rdii	inp_report	inp_report	inp_report	inp_report	inp_report	inp_report	inp_report	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt

UD – COLUMN	description	In imprevious area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0,9.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.1.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.2.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.3.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.4.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.5.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.6.	Initial Storage.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.7.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.8.	In previous area, fraction of area covered by snow when ratio of snow depth to depth at 100% cover is 0.9.	Snow identifier.	Minimum melt coefficient (in/hr-deg F or mm/hr-deg C).	Maximum melt coefficient (in/hr-deg F or mm/hr-deg C).	Snow melt base temperature (deg F or deg C).	Ratio of free water holding capacity to snow depth (fraction).	Initial snow depth (in or mm water equivalent).	Initial free water in pack (in or mm).	Fraction of impervious area that can be plowed.	Minimum melt coefficient (in/hr-deg F or mm/hr-deg C).	Maximum melt coefficient (in/hr-deg F or mm/hr-deg C).	Snow melt base temperature (deg F or deg C).	Ratio of free water holding capacity to snow depth (fraction).	Initial snow depth (in or mm water equivalent).	Initial free water in pack (in or mm).	Snow depth above which there is 100% cover (in or mm water equivalent).	Minimum melt coefficient (in/hr-deg F or mm/hr-deg C).	Maximum melt coefficient (in/hr-deg F or mm/hr-deg C).	Snow melt base temperature (deg F or deg C).	Ratio of free water holding capacity to snow depth (fraction).	initial snow depth (in or mm water equivalent).	Initial free water in pack (in or mm).	Snow depth above which there is 100% cover (in or mm water equivalent).	Depth of snow on plowable areas at which snow removal begins (in or mm).	Node identifier.	Fraction of snow on plowable area transferred to impervious area by plowing.	Fraction of snow on plowable area transferred to pervious area by plowing.	Fraction of snow on plowable area converted into immediate melt.	Fraction of Å snow on plowable area transferred to pervious area in another subcatchment.	Subcatchment identifier.	Node identifier.	A sotrage can be: TABULAR or FUNCTIONAL.	Curve identifier.	Coefficient of FUNCTIONAL relation between surface area and depth.	Exponent of FUNCTIONAL relation between surface area and depth.	Constant of FUNCTIONAL relation between surface area and depth.	Fraction of potential evaporation from surface realized (default is 0).
	column_type	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	Numeric(12,4)	numeric(12,4)	numeric(12,4)	numeric(12,4)	varchar(16)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	varchar(50)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	varchar(16)	varchar(50)	varchar(18)	varchar(16)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)	Numeric(12,4)
	column_id	i_f9	p_f0	p_f1	p_f2	p_f3	p_f4	p_f5	p_f6	init_stor	p_f7	p_f8	p_f9	snow_id	cmin_1	cmax_1	tbase_1	$fwf_1$	sd0_1	fw0_1	snn0_1	cmin_2	cmax_2	tbase_2	fwf_2	sd0_2	fw0_2	sd100_1	cmin_3	cmax_3	tbase_3	fwf_3	sdo_3	fw0_3	sd100_2	sdplow	node_id	fimp	fperv	fimelt	fsub	subc_id	node_id	storage_type	curve_id	a1	a2	a0	fevap
	table_id	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowmelt	rpt_groundwater_cont	inp_snowmelt	inp_snowmelt	inp_snowmelt	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	rpt_nodedepth_sum	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_snowpack	inp_storage	inp_storage	inp_storage	inp_storage	inp_storage	inp_storage	inp_storage

			UD – COLUMN
table_id	column_id	column_type	description
inp_storage	hc	Numeric(12,4)	Soil saturated hydraulic conductivity (in/hr or mm/hr).
inp_storage	imd	Numeric(12,4)	Initial soil moisture deficit (volume of voids / total volume).
inp_storage	y0	Numeric(12,4)	Water depth at start of simulation (ft or m) (default is 0).
inp_storage	ysur	Numeric(12,4)	Maximum additional head above ground elevation that node can sustain under surcharge conditions (ft or m) (default is 0).
inp_storage	apond	Numeric(12,4)	, Area subjected to surface ponding once water depth exceeds Ymax (ft2Â or m2) (default is 0).
inp_temperature	temp_type	varchar(16)	Temperature type (TIMESERIES or FILE).
inp_temperature	timser_id	varchar(16)	Name of time series in htimeseries table with temperature data.
inp_temperature	fname	varchar(254)	Name of external Climate file with temperature data.
inp_temperature	start	varchar(12)	Date to begin reading from the file in month/day/year format (default is the beginning of the file).
inp_timeseries	<u>p</u> i	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
inp timeseries	timser id	varchar(16)	Time series identifier.
inp_timeseries	date _	varchar(12)	Date in Month/Day/Year format (e.g., June 15, 2001 would be 6/15/2001).
inp_timeseries	hour	varchar(10)	24-hour military time (e.g., 8:40 pm would be 20:40) relative to the last date specified (or to midnight of the starting date of the simulation if no previous date was specified).
inp timeseries	time	varchar(10)	Hours since the start of the simulation, expressed as a decimal number or as hours:minutes.
inp timeseries	value	Numeric(12,4)	Value corresponding to given date and time.
inp_timeseries	fname	varchar(254)	Name of a file in which the time series data are stored.
inp_timser_id	þi	varchar(16)	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information
bi nesemit adi	timeer type	yarchar(20)	the control convace total by this other mediation.  Time control to the control of the control o
inp timser id	times type	varchar(16)	Times type:
inn transacts	54 6-2	int4	new state order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
ווא_נימונים ביים	2	<b>+</b> 1111	Defines the order of the line text. To diffuse the information.
inp_transects	text	varchar(254)	Should follow the format described on SWMM user's manual appendix C
inp_treatment_node_x_pol	node_id	varchar(50)	Node identifier.
inp_treatment_node_x_pol	pi_llod	varchar(16)	Pollutant identifier.
inp_treatment_node_x_pol	function	varchar(100)	Mathematical function expressing treatment result in terms of pollutant concentrations, pollutant removals, and other standard variables (see Remarks). In treatment function we can choose between: C âlfunction computes effluent concentration and R âlfunction computes fractional removal.
inp arc type	þi	varchar(16)	Type of arc on the SWMM model (CONDUIT, PUMP, ORIFICE, WEIR, OUTLET or UNDEFINED)
inp_node_type	p <u>i</u>	varchar(16)	Type of node on the SWMM model (JUNCTION, DIVIDER, OUTFALL, STORAGE or UNDEFINED)
inp_giswater_config	þi	Varchar(16)	Primary key for table.
inp_giswater_config	giswater_file_path	text	Giswater file path
inp_giswater_config	giswater_software_path	text	Giswater software path
inp_giswater_config	inp_file_path	text	inp_file_path
inp_giswater_config	rpt_file_path	text	rpt_file_path
inp_giswater_config	rpt_result_id	text	rpt result identifier
inp_typevalue_divider	pi	varchar(16)	Value domain of SWMM divider type. See ud_14_inp_vdomain.sql for more information about this field
inp_typevalue_divider	descript	varchar(100)	
inp_typevalue_evap	<u>pi</u>	varchar(18)	Value domain of SWMM about evaporation . See ud_14_inp_vdomain.sql for more information about this field
inp_typevalue_evap	descript	varchar(100)	Field to store additional information about the feature.
inp_typevalue_orifice	Di .	varchar(16)	Value domain of SWMM orifice type. See ud_14_inp_vdomain.sql for more information about this field
inp_typevalue_orifice	descript	varchar(100)	Field to store additional information about the feature.
inp_typevalue_outfall	p <u>i</u>	varchar(16)	Value domain of SWMM outfall type. See ud_14_inp_vdomain.sql for more information about this field
inp_typevalue_outfall	descript	varchar(100)	Field to store additional information about the feature.
inp_typevalue_outlet	descript	varchar(100)	Field to store additional information about the feature.

UD – COLUMN	description	Value domain of SWMM pattern type. See ud 14 inp vdomain.sql for more information about this field	Field to store additional information about the feature.	Hours capacity limited.	Value domain of SWMM raingage type. See ud_14_inp_vdomain.sql for more information about this field	Field to store additional information about the feature.	Value domain of SWMM storage type. See ud_14_inp_vdomain.sql for more information about this field	Field to store additional information about the feature.	Value domain of SWMM about temperature . See ud $_14$ inp $_2$ vdomain. $_3$ ql for more information about this field	Field to store additional information about the feature.	Value domain of SWMM timeseries type. See ud_14_inp_vdomain.sql for more information about this field	Field to store additional information about the feature.	Value domain of SWMM wind speed type. See ud $_14$ -inp $_2$ vdomain. $_3$ l for more information about this field	Field to store additional information about the feature.	Value domain of SWMM all none. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM buildup. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM about catalog of arcs	Value domain of SWMM curve. See ud_14_inp_vdomain.sql for more information about this field	Form of recorded rainfall, either INTENSITY, VOLUME or CUMULATIVE.	Value domain of SWMM files actio. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM files type. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM inflows. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM lid controls. See ud_14_inp_vdomain.sql for more information about this field	Result identifier.	Value domain of SWMM map units. See ud $_{-}14_{-}$ inp $_{-}$ vdomain.sql for more information about this field	Value domain of SWMM options table. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM options table. See ud $\_14$ _inp $\_$ vdomain.sql for more information about this field	Value domain of SWMM options table. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM options table. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM options table. See ud $\_14$ _inp $\_$ vdomain.sql for more information about this field	Value domain of SWMM options table. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM options table. See ud_14_inp_vdomain.sql for more information about this field	ID simulation result.	Value domain of SWMM orifice. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM pollutants. See ud $14$ _inp $$ vdomain.sql for more information about this field	Value domain of SWMM raingage. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM routeto. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM status. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM timeseries. See ud $_14$ inp $_2$ vdomain sql for more information about this field	Field to store additional information about the feature.	Value domain of SWMM treatment. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM wash off. See ud_14_inp_vdomain.sql for more information about this field	Value domain of SWMM weirs. See ud_14_inp_vdomain.sql for more information about this field	Cross-section shape.	Maximum full depth.	Value domain of SWMM yes/no. See ud_14_inp_vdomain.sql for more information about this field	Land use identifier.	Pollutant identifier.	Washoff function type: EXP / RC / EMC.
	column_type	varchar(18)	varchar(100)	numeric(12,4)	varchar(18)	varchar(100)	varchar(16)	varchar(100)	varchar(18)	varchar(100)	varchar(18)	varchar(100)	varchar(16)	varchar(100)	varchar(18)	varchar(18)	varchar(18)	varchar(18)	varchar(12)	varchar(18)	varchar(18)	varchar(18)	varchar(18)	varchar(16)	varchar(18)	varchar(16)	varchar(18)	varchar(16)	varchar(16)	varchar(16)	varchar(16)	varchar(16)	varchar(16)	varchar(18)	varchar(18)	varchar(18)	varchar(18)	Varchar(6)	varchar(20)	varchar(100)	varchar(18)	varchar(18)	varchar(18)	varchar(18)	Numeric(12,4)	varchar(3)	varchar(16)	varchar(16)	varchar(18)
	column_id	pi.	descript	hour_limit	<u>p</u> .	descript	p <u>i</u>	descript	þi	descript	þi	descript	þi	descript	þi	þi	þi	þi	form_type	þi	þi	þi	þi	result_id	þi	þi	þi	þi	þi	j	þi	þi	result_id	þi	þi	þi	þį	þi	þį	descript	þi	þi	þi	shape	mfull_dept	þi	landus_id	pi_llod	funcw_type
	table_id	inp typevalue pattern	inp_typevalue_pattern	rpt_condsurcharge_sum	inp_typevalue_raingage	inp_typevalue_raingage	inp_typevalue_storage	inp_typevalue_storage	inp_typevalue_temp	inp_typevalue_temp	inp_typevalue_timeseries	inp_typevalue_timeseries	inp_typevalue_windsp	inp_typevalue_windsp	inp_value_allnone	inp_value_buildup	inp_value_catarc	inp_value_curve	raingage	inp_value_files_actio	inp_value_files_type	inp_value_inflows	inp_value_lidcontrol	rpt_high_conterrors	inp_value_mapunits	inp_value_options_fme	inp_value_options_fr	inp_value_options_fu	inp_value_options_id	inp_value_options_in	inp_value_options_lo	inp_value_options_nfl	rpt_groundwater_cont	inp_value_orifice	inp_value_pollutants	inp_value_raingage	inp_value_routeto	inp_value_status	inp_value_timserid	inp_value_timserid	inp_value_treatment	inp_value_washoff	inp_value_weirs	inp_value_weirs	rpt_arcflow_sum	inp_value_yesno	inp_washoff_land_x_pol	inp_washoff_land_x_pol	inp_washoff_land_x_pol

			UD - COLUMN
table_id	column_id	column_type	description
ing washoff land x pol	c1	Numeric(12.4)	Washoff function coefficients(see Table D-3 from Appendix D of SWMM's Manual).
ing x bull land x pol	. C	Numeric(12.4)	Washington coefficients (see Table D-3 from Appendix D of SWMM's Manual)
inn washoff land x nol	Sweeneffic	Numeric(124)	Green sweeping removal efficiency (negrept)
log x bael fland x noi	hmpeffic	n1meric(12.4)	RMD removal efficiency (percent)
ino weir	arc id	varchar(16)	Britishar Grades of Percenty. Arcidentifier
inp weir	node id	varchar(16)	Node identifier.
inp weir	weir type	varchar(18)	A weir can be: TRANSVERSE, SIDEFLOW, V-NOTCH, or TRAPEZOIDAL.
inp_weir	offset	numeric(12,4),	Coffecient related to amount that the weirâß crest is offset above the invert of inlet node (ft or m, expressed as either a
:	:		depth of as an elevation, depending on the LINK_OFFSETS option setting).
rpt_nodedepth_sum	result_id	varchar(16)	Result identifier.
inp_weir	рэ	numeric(12,4),	Amount that the weirâß crest is offset above the invert of inlet node (ft or m, expressed as either a depth or as an elevation, depending on the LINK OFFSETS option setting).
inp_weir	oe oe	numeric(12,4),	Number of end contractions for TRANSVERSE or TRAPEZOIDAL weir (default is 0).
inp_weir	cd2	numeric(12,4),	Discharge coefficient for triangular ends of a TRAPEZOIDAL weir (for CFS if using US flow units or CMS if using metric flow units) replant is value of Cd)
ino weir	ng J	varchar(3)	institution (Journal of 1995). VES (fifting rate present to previous reverse flow IND) if not (default is NO).
iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	וומט	valcifal(3)	TEST I right gate present to prevent reverse mon, not into (persent is no.).
inp_weir	to_arc	varchar(16)	I his fields identifies the direction of the flow of the shortpipe, applied only for the case of check valves
Inp_weir	geomi	numeric(12,4),	Full height (it of m)
inp_weir	geom2	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
inp_weir	geom3	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
inp_weir	geom4	numeric(12,4)	Auxiliary parameters (width, side slopes, etc.)
inp_weir	surcharge	varchar(30)	Identifies if weir can surcharge or not
inp_windspeed	wind_type	varchar(16)	Wind speed type (MONTHLY or FILE).
inp_windspeed	value_1	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_2	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_3	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_4	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_5	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_6	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_7	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_8	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_9	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_10	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_11	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	value_12	Numeric(12,4)	Wind speed value parameters of SWMM project (mph or km/hr).
inp_windspeed	fname	varchar(254)	Name of external file with wind speed data.
raingage	rg_id	varchar(16)	Raingage identifier.
rpt_groundwater_cont	lowzone_et	Numeric(12,4)	Lower Zone ET.
raingage	intvl	varchar(10)	Time interval between gage readings in decimal hours or hours:minutes format (e.g., 0:15 for 15-minute readings).
raingage	scf	Numeric(12,4)	Snow catch deficiency correction factor (use 1.0 for no adjustment).
raingage	timser_id	varchar(16)	Name of time series in timeseries table with rainfall data.
raingage	fname	varchar(254)	Name of external file with rainfall data. Rainfall files are discussed in chapter 11.3 of SWMM's Manual.
raingage	sta	Varchar(12)	Name of recording station used in the rain file.
raingage	units	varchar(3)	Rain depth units used in the rain file, either IN (inches) or MM (millimeters).
raingage	the_geom	public.geometry	Point geometry field
rpt_selector_result	result_id	varchar(16)	Result identifier.
rpt_arcflow_sum	Į <b>o</b> j	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
			the text lines Giswater reads by this order the information.
rpt_arctiow_sum	resuit_id	varcnar(16)	Result identifier.

			UD – COLUMN
table_id	column_id	column_type	description
rpt arcflow sum	arc id	varchar(50)	Arc identifier.
rpt_arcflow_sum	arc_type	varchar(18)	Arc type.
rpt_arcflow_sum	max_flow	Numeric(12,4)	Maximum total inflow (CMS).
rpt_arcflow_sum	time_days	varchar(10)	Time of max occurrence (days).
rpt_arcflow_sum	time_hour	varchar(10)	Time of max occurrence (hr:min)
rpt_arcflow_sum	max_veloc	Numeric(12,4)	Maximum velocity (m/sec )
rpt_arcflow_sum	mfull_flow	Numeric(12,4)	Maximum full flow.
rpt_arcflow_sum	max_shear	Numeric(12,4)	Maximum shear
rpt_arcflow_sum	max_hr	Numeric(12,4)	Maximun hidraulic radius
rpt_arcflow_sum	max_slope	Numeric(12,4)	Maximum slope
rpt_arcflow_sum	day_max	varchar(10)	Time of max occurrence (days)
rpt_arcflow_sum	time_max	varchar(10)	Time of max occurrence (hr:min)
rpt_arcflow_sum	min_shear	Numeric(12,4)	Minimum shear
rpt_arcflow_sum	day_min	varchar(10)	Time of min occurrence (days)
rpt_arcflow_sum	time_min	varchar(10)	Time of min occurrence (hr:min)
rpt_arcpolload_sum	<u>pi</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the toxt lines Ciswator reads by this order the information
rot arcoolload sum		varchar(16)	are text into diswater reads by any diact are information.  Result identifier
rot archolload sum	arc id	Val Glidi(±0)	Arcidentifier.
rpt arcpolload sum	pi llod	varchar(16)	Pollutant identifier.
rot condeurcharge sum		int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
	2		the text lines Giswater reads by this order the information.
rpt_condsurcharge_sum	result_id	varchar(16)	Result identifier.
rpt_condsurcharge_sum	arc_id	varchar(50)	Arc identifier.
rpt_condsurcharge_sum	both_ends	Numeric(12,4)	Hours during conduit it's on surcharge condition on both ends.
rpt_condsurcharge_sum	upstream	Numeric(12,4)	Hours during conduit it's on surcharge condition on upstream.
rpt_condsurcharge_sum	dnstream	Numeric(12,4)	Hours during conduit it's on surcharge condition on downstream.
rpt_condsurcharge_sum	hour_nflow	Numeric(12,4)	Hours above full normal flow.
rpt_continuity_errors	þį	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_continuity_errors	result_id	varchar(16)	Result identifier.
rpt_continuity_errors	text	varchar(255)	Text
rpt_critical_elements	p <u>i</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
	11.11.11.11.11.11.11.11.11.11.11.11.11.	(4)	the text lines Giswater reads by this order the information.
rpt_critical_elements	result_ld	varchar(16)	Februit Identifier.
rpt_critical_elements	text	varchar(255)	
rpt_flowclass_sum	DI.	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information
rot flowclass sum	result id	varchar(16)	Result identifier.
rpt flowclass sum	arc id	varchar(50)	Arcidentifier
rnt flowclass	lenoth	Numeric(12.4)	Adjusted Actual langth
rnt flowclass sum	ory of	Numeric(12.4)	Eraction of time in flow class. Dry
rnt flowclass sum		Numeric(124)	Fraction of time in flow class. July Fraction of time in flow class. Unstream div
rnt flowclass sum	לובים ליות ליות ליות ליות ליות ליות ליות ליות	Numeric(12.4)	Fraction of time in flow class. Operacin my. Fraction of time in flow class. Downstream dry
rot flowolpes cum	down any	Numoric(12.4)	Traction of time in 1000 stades. Development of 1000 stades of time in 1000 stades. Development of 1000 stades
Ipt_llowclass_sulli	Sub_crit	Nullienc(12,4)	
rpt_nowclass_sum	Sub_crit_1	Numeric(12,4)	Fraction of time in 1000 class. Super critical inow
rpt_flowclass_sum	up_cnt	Numeric(12,4)	Fraction of time in flow class. Upstream critical flow
rpt_nowclass_sum	down_crit	Numeric(12,4)	Fraction of time in now class. Downstream critical now
rpt_flowclass_sum	troud_numb	Numeric(12,4)	Froud number

			UD – COLUMN
table_id	column_id	column_type	description
rpt_flowclass_sum	flow_chang	Numeric(12,4)	Flow change
rpt_flowrouting_cont	jq.	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_flowrouting_cont	result_id	varchar(16)	ID simulation result.
rpt_flowrouting_cont	dryw_inf	Numeric(12,4)	Dry Weather Inflow.
rpt_flowrouting_cont	wetw_inf	Numeric(12,4)	Wet Weather Inflow.
rpt_flowrouting_cont	ground_inf	Numeric(12,4)	Groundwater Inflow.
rpt_flowrouting_cont	rdii_inf	Numeric(12,4)	RDII Inflow.
rpt_flowrouting_cont	ext_inf	Numeric(12,4)	External Inflow.
rpt_flowrouting_cont	ext_out	Numeric(12,4)	External Outflow.
rpt_flowrouting_cont	int_out	Numeric(12,4)	Internal Outflow.
rpt_flowrouting_cont	stor_loss	Numeric(12,4)	Storage Losses.
rpt_flowrouting_cont	initst_vol	Numeric(12,4)	Initial Stored Volume.
rpt_flowrouting_cont	finst_vol	Numeric(12,4)	Final Stored Volume.
rpt_flowrouting_cont	cont_error	Numeric(12,4)	Continuity Error (%).
rpt_flowrouting_cont	evap_losses	numeric(6,4)	Losses of evaporation
rpt_flowrouting_cont	seepage_losses	numeric(6,4)	Losses of seepage.
rpt_groundwater_cont	p <u>i</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt groundwater cont	infilt	Numeric(12,4)	Infiltration.
rpt_groundwater_cont	upzone_et	Numeric(12,4)	Upper Zone ET.
rpt_groundwater_cont	groundw_fl	Numeric(12,4)	Groundwater Flow.
rpt_groundwater_cont	final_stor	Numeric(12,4)	Final Storage.
rpt_groundwater_cont	cont_error	Numeric(12,4)	Continuity Error (%).
rpt_pumping_sum	avg_flow	numeric(12,4)	Average flow (cms).
rpt_pumping_sum	max_flow	numeric(12,4)	Maximum flow (cms).
rpt_high_conterrors	<u>pi</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_high_conterrors	text	varchar(255)	Text
rpt_high_flowinest_ind	þi	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt high flowinest ind	result id	varchar(16)	Result identifier.
rpt_high_flowinest_ind	text	varchar(255)	Text.
rpt_instability_index	þi	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
			the text lines Giswater reads by this order the information.
rpt_instability_index	result_id	varchar(16)	Result identifier.
rpt_instability_index	text	varchar(255)	Text.
rpt_lidperformance_sum	jd	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt lidperformance sum	result id	varchar(16)	Result identifier.
rpt lidperformance sum	subc_id	varchar(16)	Name assigned to subcatchment.
rpt_lidperformance_sum	lidco_id	varchar(16)	ID LID control.
rpt_lidperformance_sum	tot_inflow	Numeric(12,4)	Total inflow (mm).
rpt_lidperformance_sum	evap_loss	Numeric(12,4)	Evaporation loss (mm).
rpt_lidperformance_sum	infil_loss	Numeric(12,4)	Infiltration loss (mm).
rpt_lidperformance_sum	surf_outf	Numeric(12,4)	Surface outflow (mm).
rpt_lidperformance_sum	drain_outf	Numeric(12,4)	Drain outflow (mm).
rpt_lidperformance_sum	init_stor	Numeric(12,4)	Initial Storage (mm).
rpt_iidpenormance_sum	linal_stor	Numeric(12,4)	Final Storage (min).

			UD – COLUMN
table_id	column_id	column_type	description
rpt_lidperformance_sum	per_error	Numeric(12,4)	Percentage error.
rpt_nodedepth_sum	<u>D</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_nodedepth_sum	swnod_type	varchar(18)	Node type on SWMM model.
rpt_nodedepth_sum	aver_depth	Numeric(12,4)	Average depth (meters).
rpt_nodedepth_sum	max_depth	Numeric(12,4)	Maximum depth (meters).
rpt_nodedepth_sum	max_hgl	Numeric(12,4)	Maximum HGL (meters).
rpt_nodedepth_sum	time_days	varchar(10)	Time of max occurrence (days).
rpt_nodedepth_sum	time_hour	varchar(10)	Time of max occurrence (hr.min).
rpt_nodeflooding_sum	DI	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information
rot podeflooding cum	7: ±	yarchar(16)	one text into Convace to the modern of the m
rot podoflooding cum	ופסמו   ומ	varchar(10)	Acoustications. Nata
ipt_nodellooding_sum	noue_lu	Valcilai(50)	אספר ווחודי. אספר שפוווודי.
rpt_nodeflooding_sum	llour_llood	Numeric(12,4)	Houls House.
	iliak_late	\( \text{All lenc( 12,4)} \)	Waxiii ale (viis).
rpt_nodellooding_sum	time_days	varchar(10)	Time of max occurrence (days).
ipt_indeligating_sum		Valcifal(10)	
rpt_nodeflooding_sum	tot_llood	Numeric(12,4)	Total Hood Volume (10.10).
ipt_nodeinform gran	lllax_pollueu	int/	Waxiiiuui poineu uepin (lineus). Poeta ta para at ta lineus Voi sanat ta noa ta'i sada is sada ta sada ta sada ta lisas at ta lisas at ta la sa
	2	11164	Defines the order of the line text. For illust to use this code in order to soft as you need the lines of text. As you soft the text lines Giswater reads by this order the information.
rpt nodeinflow sum	result id	varchar(16)	Result identifier.
rpt nodeinflow sum	node id	varchar(50)	Node identifier.
rpt nodeinflow sum	swnod type	varchar(18)	Node type on SWMM model.
rpt_nodeinflow_sum	max_latinf	numeric(12,4),	Maximum lateral inflow (cms).
rpt_nodeinflow_sum	max_totinf	numeric(12,4),	Maximum total inflow (cms).
rpt_nodeinflow_sum	time_days	varchar(10)	Time of max occurrence (days).
rpt nodeinflow sum	time_hour	varchar(10)	Time of max occurrence (hr:min).
rpt_nodeinflow_sum	latinf_vol	numeric(12,4),	Lateral inflow volume (10^6 ltr).
rpt_nodeinflow_sum	totinf_vol	numeric(12,4),	Total inflow volume (10^6 ltr).
rpt_nodeinflow_sum	flow_balance_error	numeric(12,2),	Error of flow balance
rpt_nodeinflow_sum	other_info	varchar(12)	Sector where is the node.
rpt_nodesurcharge_sum	id	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt nodesurcharge sum	result id	varchar(16)	Result identifier.
rpt_nodesurcharge_sum	node_id	varchar(50)	Node identifier.
rpt nodesurcharge sum	swnod type	varchar(18)	Node type on SWMM model.
rpt_nodesurcharge_sum	hour_surch	Numeric(12,4)	Hous surcharged.
rpt_nodesurcharge_sum	max_height	Numeric(12,4)	Maximum height above crown (meters).
rpt_nodesurcharge_sum	min_depth	numeric(12,4)	Minimum depth below rim (meters).
subcatchment	subc_id	varchar(16)	Subcatchment idenifier.
rpt_outfallflow_sum	Į <b>o</b>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort
mis millellition ton		(3robor(16)	one let Almies Giswater reaus by uns older die mornaum. Daei te Almies Giswater reaus by uns older die mornaum.
rot outfallflow sum	ובאחוב ות	varchar(10)	Nodo idontifior
rot outfallflow sum		Valcifal(30)	Note betilite: Flow facilities:
rot outfallflow cum	han mon	Numeric(12,4)	Trown requestions, (Federal age). Aviorant Anal (2008)
rot outfallflow cum	avg_now	Numeric(12,4)	Ackenge Took (ATIS). Maximum flow (ATIS).
Ipt_outfallflow_sull	ax_  UW	numeric(12,4)	MAXILIAITION (CITIS).
rpt_outrailinow_sum	ເບເສ່_vol	numeric(12,4)	l otal Volume (±0° 5 ltr).

			UD – COLUMN
table_id	column_id	column_type	description
rpt_outfallload_sum	þį	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_outfallload_sum	result_id	varchar(16)	Result identifier.
rpt_outfallload_sum	pi_llod	varchar(16)	ID simulation result.
rpt_outfallload_sum	node_id	varchar(50)	Pollutant identifier.
rpt_pumping_sum	þi	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_pumping_sum	result_id	varchar(16)	ID simulation result.
rpt_pumping_sum	arc_id	varchar(50)	Arc identifier.
rpt_pumping_sum	percent	numeric(12,4)	Percent utilized.
rpt_pumping_sum	num_startup	int4,	Numbers of startups of pump
rpt_pumping_sum	min_flow	numeric(12,4)	Minimum flow (cms).
rpt_pumping_sum	vol_ltr	numeric(12,4)	Total volume (10% ltr).
rpt_pumping_sum	powus_kwh	numeric(12,4)	Power usage (Kw-hr).
rpt_pumping_sum	timoff_min	numeric(12,4)	Time off the pump curve low
rpt_pumping_sum	timoff_max	numeric(12,4)	Time off the pump curve high
ext_rtc_hydrometer_x_data	min	float8	Minimum value.
rpt_qualrouting_cont	p <u>i</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt qualrouting cont	result id	varchar(16)	Result identifier.
rpt_qualrouting_cont	pi_llod	varchar(16)	Pollutant identifier.
rpt_qualrouting_cont	dryw_inf	numeric(12,4)	Dry Weather Inflow.
rpt_qualrouting_cont	wetw_inf	numeric(12,4)	Wet Weather Inflow.
rpt_qualrouting_cont	ground_inf	numeric(12,4)	Groundwater Inflow.
rpt_qualrouting_cont	rdii_inf	numeric(12,4)	RDII Inflow.
rpt_qualrouting_cont	ext_inf	numeric(12,4)	External Inflow.
rpt_qualrouting_cont	int_inf	numeric(12,4)	Internal Flooding.
rpt_qualrouting_cont	ext_out	numeric(12,4)	External Outflow.
rpt_qualrouting_cont	mass_reac	numeric(12,4)	Mass Reacted.
rpt_qualrouting_cont	initst_mas	numeric(12,4)	Initial Stored Mass.
rpt_qualrouting_cont	finst_mas	numeric(12,4)	Final Stored Mass.
rpt_qualrouting_cont	cont_error	numeric(12,4)	Continuity Error (%).
rpt_rainfall_dep	p <u>i</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt rainfall dep	result id	varchar(16)	Result identifier.
rpt_rainfall_dep	sewer_rain	Numeric(12,4)	Sewershed Rainfall.
rpt_rainfall_dep	rdiip_prod	Numeric(12,4)	RDII Produced.
rpt_rainfall_dep	rdiir_rat	numeric(12,4)	RDII Ratio.
rpt_cat_result	id	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giewater reads by this order the information
±		(91)2000207	the control of Joseph Control of the month o
ipi_ca_lesuit	n insel	valciiai(19)	Actual Independent Control of Con
rpt_cat_result	flow_units	varchar(3)	Main characteristics of the result. Type of units in which flow rates are expressed.
rpt_cat_result	rain_runor	varchar(3)	Main characteristics of the result. Kaintail and funoif module used
rpt_cat_result	snowmelt	varchar(3)	Main characteristics of the result. Snowmelt module used
rpt_cat_result	groundw	varchar(3)	Main characteristics of the result. Groundwater module used
rpt_cat_result	flow_rout	varchar(3)	Main characteristics of the result. Flow routing module used
rpt_cat_result	pond_all	varchar(3)	Main characteristics of the result. Ponding allowed
rpt_cat_result	water_q	varchar(3)	Main characteristics of the result. Water quality module used
rpt_cat_result	infil_m	varchar(18)	Main characteristics of the result. Infiltration module used

			UD - COLUMN
table_id	column_id	column_type	description
rpt_cat_result	flowrout_m	varchar(18)	Main characteristics of the result. Flow routing module used
rpt_cat_result	start_date	varchar(25)	Start date of the simulation.
rpt_cat_result	end_date	varchar(25)	End date of the simulation.
rpt_cat_result	dry_days	Numeric(12,4)	Number of dry days.
rpt_cat_result	rep_tstep	varchar(10)	Main characteristics of the result. Reporting step used
rpt_cat_result	wet_tstep	varchar(10)	Main characteristics of the result. Wet step used
rpt_cat_result	dry_tstep	varchar(10)	Main characteristics of the result. Dry step used
rpt_cat_result	rout_tstep	varchar(10)	Main characteristics of the result. Routing step used
rpt_cat_result	var_time_step	varchar(3)	Main characteristics of the result. Variable time step used
rpt_cat_result	max_trials	Numeric(4,2)	Main characteristics of the result. Maximum trials of the simulation
rpt_cat_result	head_tolerance	varchar(12)	Main characteristics of the result. Head tolerance
rpt_cat_result	exec_date	timestamp(6)	Main characteristics of the result. Date and time of the result's import
subcatchment	node_id	varchar(50)	Node identifier.
subcatchment	rg_id	varchar(16)	Raingage identifier.
rpt_routing_timestep	jd	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the line Ciangar and the line of text.
cotton to the second		(V =C)************************************	The text in the Solver of the control of the contro
rpt_routing_unnested	nean I	varchar(254)	RESUIT IDENTIFIED.
ipt_rounig_uniestep	ופאו	val cılaı (233) int 1	THEM. THEM.
rpt_rurion_qual	₽	111(4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_runoff_qual	result_id	varchar(16)	Result identifier.
rpt_runoff_qual	po_lloq	varchar(16)	Pollutant identifier.
rpt_runoff_qual	init_buil	Numeric(12,4)	Initial Buildup.
rpt_runoff_qual	surf_buil	Numeric(12,4)	Surface Buildup.
rpt_runoff_qual	wet_dep	Numeric(12,4)	Wet Deposition.
rpt_runoff_qual	sweep_re	Numeric(12,4)	Sweeping Removal.
rpt_runoff_qual	infil_loss	Numeric(12,4)	Infiltration Loss.
rpt_runoff_qual	bmp_re	Numeric(12,4)	BMP Removal.
rpt_runoff_qual	surf_runof	Numeric(12,4)	Surface Runoff.
rpt_runoff_qual	rem_buil	Numeric(12,4)	Remaining Buildup.
rpt_runoff_qual	cont_error	Numeric(12,4)	Continuity Error (%).
rpt_runoff_quant	id	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information
770000	L: 41	() () () () () ()	
rpt_runoff_culant	result_ld	Varchar(16) Numeric/124)	Result Identitier.
rot ripoff gipot	total proc	Numeric(124)	Initial office Cover.
rot runoff guant	Sald asset	Numeric(124)	Total Technique. Evanoration Lose
rot rupoff guapt	infil loss	Nimeric(124)	infiltration in occ
rpt_rupoff_guppt	יייין ייייסל	Numeric(124)	ining work of Loos. Circles of Direct
ipt_idiloii_qualit	Sall I I I I I I I I I I I I I I I I I I	(4,21,4)	Court Downston
ipt_runoff_groot	SILOW_IE	(7)	SHOW VEHICVEU.
rpt_runon_quant	ilnaisw_co	Numeric(12,4)	That show Cover.
rpt_runorf_quant	Tinals_sto	Numeric(12,4)	Final Surface Storage.
rpt_runoff_quant	cont_error	Numeric(12,4)	Continuity Error (%).
rpt_runoff_quant	initlid_sto	Numeric(12,4)	Initial storage on LID.
rpt_storagevol_sum	Ď.	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt storagevol sum	result id	varchar(16)	Result identifier.
rpt_storagevol_sum	node_id	varchar(50)	Node identifier.

			UD – COLUMN
table_id	column_id	column_type	description
rpt_storagevol_sum	aver_vol	Numeric(12,4)	Average volume 1000m3.
rpt_storagevol_sum	avg_full	Numeric(12,4)	Average percentage full.
rpt_storagevol_sum	er_loss max_vol	Numeric(12,4)	Ezir Peticeriage 1035. Maximum volume 1000m3.Maximum volume 1000m3.Maximum volume 1000m3.Maximum volume 1000m3.Maximum volume 1000m3 Maximum volume 1000m3.Maximum volume 1000m3 Maximum volume 1000m3.Maximum volume
			1000m3.Maximum volume 1000m3.Maximum volume 1000m3.Maximum volume 1000m3.
rpt_storagevol_sum	max_full	Numeric(12,4)	Maximum percentage full.
rpt_storagevol_sum	time_days	varchar(10)	Time of max occurrence (days).
rpt_storagevol_sum	time_hour	varchar(10)	Time of max occurrence (hr:min).
rpt_storagevol_sum	max_out	Numeric(12,4)	Maximum outflow (cms).
rpt_subcatchwashoff_sum	Į <b>o</b>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_subcatchwashoff_sum	result_id	varchar(16)	Result identifier.
rpt_subcatchwashoff_sum	subc_id	varchar(16)	Name assigned to subcatchment.
rpt_subcatchwashoff_sum	pi_llod	varchar(16)	Pollutant identifier.
rpt_subcatchwashoff_sum	value	numeric	Value.
rpt_subcathrunoff_sum	Į <b>o</b>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_subcathrunoff_sum	result_id	varchar(16)	Result identifier.
rpt_subcathrunoff_sum	subc_id	varchar(16)	Name assigned to subcatchment.
rpt_subcathrunoff_sum	tot_precip	Numeric(12,4)	Total precipitation (mm).
rpt_subcathrunoff_sum	tot_runon	Numeric(12,4)	Total runon (mm).
rpt_subcathrunoff_sum	tot_evap	Numeric(12,4)	Total evaporation (mm).
rpt_subcathrunoff_sum	tot_infil tot_rupoff	Numeric(12,4)	l otal intilitration (mm). Total runoff (mm)
rot subcathrinoff sum	tot rupofi	Numeric(12.4)	Local cultury (1811). Total cultury (1811).
rpt_subcathrunoff_sum	neak rinof	Numeric(12.4)	Total tation (±0.0 tit). Deak minoff (cms)
rot subcathrunoff sum	runoff coe	Numeric(12,4)	Runoff coefficient.
rpt_subcathrunoff_sum	vxmax	Numeric(12,4)	Maximum velocity on x axis
rpt_subcathrunoff_sum	vymax	Numeric(12,4)	Maximum velocity on y axis
rpt_subcathrunoff_sum	depth	Numeric(12,4)	Maximum depth.
rpt_subcathrunoff_sum	vel	Numeric(12,4)	Maximum velocity
rpt_subcathrunoff_sum	vhmax	numeric(12,6)	Maximum (velocity x depth) value
rpt_timestep_critelem	<u>D</u>	int4	Defines the order of the line text. You must to use this code in order to sort as you need the lines of text. As you sort the text lines Giswater reads by this order the information.
rpt_timestep_critelem	result_id	varchar(16)	Result identifier.
rpt_timestep_critelem	text	varchar(255)	ID simulation result.
rpt_selector_compare	result_id	varchar(16)	Result identifier.
inp_selector_sector	sector_id	varchar(30)	Sector identifier.
subcatchment	area	Numeric(16,6)	Area of subcatchment (acres or hectares).
subcatchment	imperv	Numeric(12,4)	Percent imperviousness of subcatchment.
subcatchment	width	Numeric(12,4)	Characteristic width of subcatchment (if or meters).
subcatchment	slope	Numeric(12,4)	Subcatchment slope (percent).
subcatchment	clength	Numeric(12,4)	Total curb length (any length units).
subcatchment	pi_wous	varchar(16)	Name of snow pack object that characterizes snow accumulation and melting over the subcatchment.
subcatcnment	nimp	Numeric(12,4)	Manning's N Tor overland 110w over the Impervious sub-area.

			UD – COLUMN
table_id	column_id	column_type	description
subcatchment	nperv	Numeric(12,4)	Manning's N for overland flow over the pervious sub-area.
subcatchment	simp	Numeric(12,4)	Depression storage for impervious sub-area (inches or mm).
subcatchment	sperv	Numeric(12,4)	Depression storage for pervious sub-area (inches or mm).
subcatchment	zero	Numeric(12,4)	Percent of impervious area with no depression storage (default = 0.00).
subcatchment	routeto	varchar(20)	Use IMPERVIOUS if pervious area runoff runs onto impervious area, PERVIOUS if impervious runoff runs onto
			impervious area, or OUTLET if both areas drain to the subcatchment's outlet. (default is IMPERVIOUS).
subcatchment	rted	Numeric(12,4)	Percent of runoff routed from one type of area to another (default = $100$ ).
subcatchment	maxrate	Numeric(12,4)	Maximum infiltration rate on Horton curve (in/hr or mm/hr).
subcatchment	minrate	Numeric(12,4)	Minimum infiltration rate on Horton curve (in/hr or mm/hr).
subcatchment	decay	Numeric(12,4)	Decay rate constant of Horton curve (I/hr).
subcatchment	drytime	Numeric(12,4)	Time it takes for fully saturated soil to dry (days).
subcatchment	maxinfil	Numeric(12,4)	Maximum infiltration volume possible (0 if not applicable) (in or mm).
subcatchment	suction	Numeric(12,4)	Soil capillary suction (in or mm).
subcatchment	conduct	Numeric(12,4)	Soil saturated hydraulic conductivity (in/hr or mm/hr).
subcatchment	initdef	Numeric(12,4)	Initial soil moisture deficit (volume of voids / total volume).
subcatchment	curveno	Numeric(12,4)	SCS Curve Number.
subcatchment	conduct_2	Numeric(12,4)	Soil saturated hydraulic conductivity (in/hr or mm/hr) (This property has been deprecated and is no longer used).
subcatchment	drytime_2	Numeric(12,4)	Time it takes for fully saturated soil to dry (days).
subcatchment	sector_id	varchar(30)	Sector where there is the subcatchment.
subcatchment	hydrology_id	varchar(20)	Hydrologic scenario used. You must to fill this field and the value should be compatible with the infiltration parameters used.
subcatchment	the aeom	public, aeometry	Polyaon aeometry field
doc type	pi	varchar(30)	Document type identifier. Primary key.
doc_type	comment	varchar(512)	Comments related to document type. Additional information.
cat_tag	þi	varchar(16)	Tag identifier. Primary key
cat_tag	comment	varchar(512)	Comments related to tags. Additional information.
doc	pi	int8	Document identifier. Primary key
doc	path	varchar(512)	Field to store folder path related to document.
doc	observ	varchar(512)	Observations related to documents. Additional information
doc	tagcat_id	varchar(16)	Tag identifier.
doc	date	timestamp(6)	Date of adding the document.
doc_x_node	þi	int8	Autonumeric field to store unique values for each row (primary key)
doc_x_node	doc_id	int8	Document identifier related to the primary key of doc table
doc_x_node	node_id	varchar(16)	Node identifier related to the primary key of the node table
doc_x_arc	þį	int8	Autonumeric field to store unique values for each row (primary key)
ext_rtc_hydrometer	code	text	Code of a hydrometer
doc_x_arc	doc_id	int8,	Document identifier related to the primary key of doc table
doc_x_arc	arc_id	varchar(16)	Arc identifier related to the primary key of arc table
doc_x_connec	þį	int8	Autonumeric field to store unique values for each row (primary key)
doc_x_connec	doc_id	int8,	Document identifier related to the primary key of doc table
doc_x_connec	connec_id	varchar(16)	Connect identifier related to the primary key of connec table
doc_x_gully	<u>p</u> i	int8	Autonumeric field to store unique values for each row (primary key)
doc_x_gully	doc_id	int8	Document identifier related to the primary key of doc table
doc_x_gully	gully_id	varchar(16)	Connect identifier related to the primary key of gully table
plan_psector	psector_id	varchar	Han sector identifier. Primary key.
plan_psector	descript	Varchar (254)	Field to store additional information about the psector.
plan_psector	priority	Varchar (16)	Held to identify the priority of the psector
plan_psector	text1	Varchar (254)	Field ready to insert text for additional information.
plan_psector	text2	Varchar (254)	Field ready to insert text for additional information.

plan_psector plan_psector plan_psector plan_psector plan_psector plan_psector plan_psector plan_psector plan_psector plan_arc_x_psector plan_arc_x_psector	column_id	column_type Varchar (254) Numeric(8,4)	description Observations related to plan sector. Additional information
an_psector an_psector an_psector an_psector an_psector an_psector an_psector an_psector an_an_ac_x_psector an_arc_x_psector	observ	Varchar (254) Numeric(8,4)	Observations related to plan sector. Additional information
an_psector an_psector an_psector an_psector an_psector an_psector an_psector an_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector		Numeric(8,4)	
an_psector an_psector an_psector an_psector an_psector an_psector an_psector an_an_cx_psector an_an_ar_x_psector an_ar_x_psector an_ar_x_psector	rotation		Field to use to rotate the map
an_psector an_psector an_psector an_psector an_psector an_psector an_ar_x_psector an_ar_x_psector an_ar_x_psector an_ar_x_psector	scale	Numeric(8,2)	Field to use to configurate the scale of the map
an_psector an_psector an_psector an_psector an_psector an_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector	sector id	Varchar(30)	Hydraulic sector identifier related to the primary key of sector table
an_psector an_psector an_psector an_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector	atlas id	Varchar(30)	Field to use to configurate the position of the psector on the whole atlas
an_psector an_psector an_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector	dexpenses	Numeric(4,2)	General expenses related to this psector.
an_psector an_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector	vat	Numeric(4,2)	Value of vat tax related to this psector.
an_psector an_arc_x_psector an_arc_x_psector an_arc_x_psector	other	Numeric(4,2)	Other expenses related to this psector.
an_arc_x_psector an_arc_x_psector an_arc_x_psector	the geom	public geometry	Polygon geometry field.
un_arc_x_psector un_arc_x_psector	Pi.	int4	Arc related to psector identifier. Primary key.
an_arc_x_psector	arc id	Varchar(16)	Arc identifier related to the primary key of arc table
ary v proofor	psector id	Varchar(16)	Psector related to the primary key of psector table
	atlas id	Varchar(16)	Indicates the order of man files
plan arc x psector	descript	Varchar(254)	Field to store additional information about the arc related to psector.
plan node x psector		int4	Node related to neertor identifier. Primary key
plan node x psector	node id	Varchar(16)	Node identifier related to the primary key of node table
plan node x psector	nsector id	Varchar(16)	Sector related to the nrimary key of needon table
plan node x psector	procession at last id	Varchar(16)	Tocker retained to the primitaly hely or proceed table.  Indicates the order of man filles
plan node x nsector	descript	Varchar(254)	instance additional information about the node related to osertor
plan_nagepsector	7.	int4	Other object related to psector identifier Primary key
plan other v prector	ָבָי מָכִיאַב מָכִיאַב	(1) (1) (1) (1) (1)	one objects of the price.
othor v proofer	pice_id	Valcinal (±0)	
plan_other_x_psector	measulement	Varshar(16)	Medabulelilelil Departar ralatad to the animany key of neodar table
plaii_otilei_x_psectoi		Valcilal (±0)	Pactrol lefated to the primary key of pactrol table
plan_other_x_psector	atlas_id	Varchar(16)	Indicates the order of map files.
plan_other_x_psector	descript	Varchar(254)	Field to store additional information about the other objects related to psector
plan_arc_x_pavement	D.	int4	Arc related to pavement identifier. Primary key.
plan_arc_x_pavement	arc_id	Varchar(16)	Arc identifier related to the primary key of arc table
plan_arc_x_pavement	pavcat_id	Varchar(16)	Identifier of the pavement
plan_arc_x_pavement	percent	Numeric(3,2)	Percent of pavement's coverage on arc.
plan_value_ps_priority	þi	Varchar(16)	Identifier of the value domain of priority
plan_value_ps_priority	observ	Varchar(254)	Additional information
plan_selector_psector	þi	Varchar(16)	Plan sector selector identifier. Primary key.
plan_selector_psector	observ	Varchar(254)	Observations related to plan sector selector. Additional information
price_simple	þį	Varchar (16)	Simple price identifier. Primary key.
price_simple	unit	Varchar (5)	Units used to express the price.
price_simple	descript	Varchar (100)	Field to store additional information about the simple price.
price_simple	text	text	Field ready to insert text for additional information.
price_simple	price	Numeric(12,4)	Price
price_simple	sqo	Varchar (16)	Additional information
price_compost	þi	Varchar (16)	Compost price identifier. Primary key.
price_compost	unit	Varchar (5)	Units used to express the price.
price_compost	descript		Field to store additional information about the compound price
price compost	text	text	Field ready to insert text for additional information.
price_compost	price	Numeric(12,4)	Price
price compost value		int4	Compound value identifier. Primary key.
price compost value	compost id	Varchar (16)	Compound price identifier related to the primary key of price compost table
price compost value	simple id	Varchar (16)	Simple price identifier related to the primary key of price simple table
price_compost_value		Valenta (±9)	On pro-production of the product of the primary roy or prior simple table

			UD - COLUMN
table_id	column_id	column_type	description
rice value unit	.5	Varchar (16)	Drine Inite identifier Drimany kay
price_value_unit	ן מיניים ביים ביים ביים ביים ביים ביים ביים	Varchar (10)	Tilde Units Identities I filmaly Key. Finde da sessa additional information when the prices will be united
price_value_umit	nescript	varchar (100)	Their to Store additional information the price value units.
ani_riow_exit_node	node_ld	varchar(16)	Node Identiner related to the primary key of node table
anl_flow_exit_node	the_geom	public.geometry	Point geometry field.
anl_flow_exit_arc	arc_id	Varchar(16)	Arc identifier related to the primary key of node table
anl_flow_exit_arc	the_geom	public.geometry	Linestring geometry field.
anl_flow_trace_node	node_id	Varchar(16)	Node identifier related to the primary key of node table
anl_flow_trace_node	the_geom	public.geometry	Point geometry field.
anl_flow_trace_arc	arc_id	Varchar(16)	Arc identifier related to the primary key of node table
anl_flow_trace_arc	the_geom	public.geometry	Linestring geometry field.
inp_typevalue_outlet	þi	varchar(16)	Value domain of SWMM outlet type. See ud 14 inp vdomain.sql for more information about this field
version	þi	int4	ID of version. Primary key.
version	wsoftware	varchar(16)	Identifies the water software compatible with the project
version	postgres	varchar(512)	Identifies the version of PostgreSQL where the project was created
version	postais	varchar(512)	Identifies the version of Postais where the project was created
config	node2arc	double precision	Configuration parameter of disconected nodes about it's proximity to arcs related to fct node2arc function
config search plus	portal layer	varchar(30)	Name of point layer
config search plus	urban propierties field block	varchar(30)	Name of field with block data
config search plus	street layer	varchar(30)	Name of street layer
config search plus	street field name	varchar(30)	Name of field with street name
config search plus	street field code	varchar(30)	Name of field with street code
config search plus	urban propierties field number	varchar(30)	Name of field with entrance number
config search plus	urban propierties laver	varchar(30)	Name of urban properties laver.
config	, i p	varchar(18)	Autonumeric field to store unique values for each row (primary key)
config	node proximity	double precision	Configuration parameter of node proximity related to tra
config	arc searchnodes	double precision	Configuration parameter of arc searching start and end nodes related to tro arc searchingles function tringer
config	connec proximity	double precision	Configuration parameter of node proximity related to transcence proximity function trioner
Sconfic	arc tonorenair	double precision	Configuration parameter of arc repair related to for arc tonorepair function
D iii	nodeinsert ergendnoint	hoolean	Comiguration parameters of sufformatic node insert when conduct when conducted not exist related to tra erc searchmodes
Ďoo	ווסמפוווספור מוכפוומססווור	DOOLEGE	Comiguration parameter of automatic node insert when entitlode does not exist related to fig_atc_searchingdes function trigger
config	orphannode_delete	boolean	Configuration parameter of automatic delete node when arc is deleted related to trg_orphannode_delete fuction trigger
config	vnode_update_tolerance	double precision	Configuration parameter of defining node tolerance.
config	nodetype_change_enabled	boolean	Enable change node type option.
config	node_proximity_control	boolean	Field to put enable (true) or dissabled (false) the rules of topology to prevent nodes closet to other nodes
config	connec_proximity_control	boolean	Field to put enable (true) or dissabled (false) the rules of topology to prevent connec closet to other connec
config	node_duplicated_tolerance	float	Tolerace for function of node duplicated indentification
config	connec_duplicated_tolerance	float	Tolerace for function of connec duplicated indentification
config	audit_function_control	boolean	Field to put enable (true) or dissabled (false) the audit function control
config	arc_searchnodes_control	boolean	Field to put enable (true) or dissabled (false) the rules of topology to prevent arcs without nodes at init or end position
anl_arc_no_startend_node	arc_id	varchar(16)	Arc identifier
ani_arc_no_statiend_node	ille_georii	public_geometry	George y of air
anl_arc_same_starrend	arc_ld		AIC Identifier
anl_arc_same_startend anl_arc_same_startend	tne_geom Jength	public.geometry float	Geometry of arc
anl connec duplicated	connec conserv	varchar(16)	
anl_connec_duplicated	connec_id	varchar(16)	Connec identifier
anl_connec_duplicated	p <u>i</u>	int	Autonumeric field to store unique values for each row (primary key)

UD - COLUMN	description	Geometry of connec	Geometry of node	Node identifier of the duplicated node	Node identifier	Node identifier	Geometry of node	Type of the node	Node identifier	Geometry of node	Number of arcs joining the node	dentifier of the error	Message of the error	Hint message	Log level of the error	Field to define to show (or not) to the user this message	Context of the message	Type of return of the function	Input parameters of the function	Context of the function	Type of the function (trigger function or function)	Name of the function	Identifier of the function	Additional information to debug	Name of the user	String with the full query realized	Identifier of the function	Identifier of the error	Timestamp	Autonumeric field to store unique values for each row (primary key)	In case no data of depth of conduit this depth is used to estimate the budget.	Description	Catchment identifier	Geometry of catchment.	Field to put enable (true) or dissabled (false) the rules of topology to prevent arc with same begining and end node	Configuration parameter of default node values.	Name of table to insert csv data	Date of installing the hydrometer	Band from which the value is taken	Name of field of vector layer into which the values are inserted	Name of vector layer into which the values are inserted	Name of field with hydrometer code	Name of hydrometer layer	Name of ppoint layer	Name of connec layer	Name of field with entrance number	Name of field with entrance code	ldentifier,	Name of field with ppoint number
	column_type	public.geometry	public.geometry	varchar(16)	varchar(16)	Varchar(16)	public.geometry	Varchar(30)	varchar(16)	public.geometry	int	int	text	text	int2	pool	text	text	json	text	text	text	int4	text	text	text	int4	int	timestamp	bigserial	numeric(12,2)	varchar(100)	varchar(30)	public.geometry	pool	varchar(30)	varchar(50)	date	varchar(30)	varchar(30)	varchar(30)	varchar(30)	varchar(30)	varchar(30)	varchar(30)	varchar(30)	varchar(30)	varchar(18)	varchar(30)
	column_id	the geom	the_geom	node_conserv	node_id	node_id	the_geom	node_type	node_id	the_geom	num_arcs	þi	error_message	hint_message	log_level	show_user	context	return_type	input_params	context	function_type	name	þi	debug_info	user_name	query	audit_cat_function_id	audit_cat_error_id	tstamp	pi	estimated_depth	descript	catchment_id	the_geom	samenode_init_end_control	nodeinsert_catalog_vdefault	table_name	instalation_date	raster_band_value	vector_field_value	vector_layer	hydrometer_field_code	hydrometer_layer	ppoint_layer	hydrometer_urban_propierties_layer	portal_field_number	portal_field_code	, pi	ppoint_field_number
	table_id	anl connec duplicated	anl_node_duplicated	anl_node_duplicated	anl_node_duplicated	anl_node_orphan	anl_node_orphan	anl_node_orphan	anl_node_sink	anl_node_sink	anl_node_sink	audit_cat_error	audit_cat_error	audit_cat_error	audit_cat_error	audit_cat_error	audit_cat_error	audit_cat_function	audit_cat_function	audit_cat_function	audit_cat_function	audit_cat_function	audit_cat_function	audit_function_actions	audit_function_actions	audit_function_actions	audit_function_actions	audit_function_actions	audit_function_actions	audit_function_actions	cat_arc	catchment	catchment	catchment	config	config	config_csv_import	ext_rtc_hydrometer	config_extract_raster_value	config_extract_raster_value	config_extract_raster_value	config_search_plus	config_search_plus	config_search_plus	config_search_plus	config_search_plus	config_search_plus	config_search_plus	config_search_plus

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the_geom width alias node_id node_id varchar(16) node_type the_geom node_id num_arcs the_geom node_id num_arcs the_geom the_geom node_id num_arcs the_geom southar(16) node_id node_id varchar(16) node_id varchar(16) node_id varchar(16) node_id varchar(16) the_geom the_geom the_geom varchar(16) the_geom the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) varchar(16) varchar(16) varchar(16)	t_postnumber	urban_properties_id	varchar(16)	Identifier of related urban propertie
width alias node_id varchar(50) node_type the_geom node_id num_arcs the_geom the_geom node_id num_arcs the_geom node_id node_id varchar(16) node_id varchar(16) node_id varchar(16) the_geom varchar(16) the_geom the_geom varchar(16) the_geom the_geom varchar(16) the_geom the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom	t_postnumber	the_geom	public.geometry	Geometry of building entrance - point.
alias varchar(50) node_id Varchar(16) node_type Varchar(16) the_geom varchar(300) the_geom varchar(16) num_arcs public.geometry node_id public.geometry node_id Varchar(16) the_geom varchar(16)	nfig_ui_forms	width	iut	Width of a column
node_id         Varchar(16)           node_type         Varchar(300)           the_geom         public.geometry           num_arcs         integer           the_geom         public.geometry           node_id         Varchar(16)           node_conserv         Varchar(16)           the_geom         varchar(16)           arc_id         Varchar (50)	nfig_ui_forms	alias	varchar(50)	Table of alias.
node_type varchar(300) the_geom node_id num_arcs public.geometry node_id integer public.geometry node_id varchar(16) node_conserv varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16)	t_mat_node	node_id	Varchar(16)	Node identifier
the_geom public.geometry node_id num_arcs integer the_geom public.geometry node_id varchar(16) node_conserv varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16) the_geom varchar(16)	it_mat_node	node_type	Varchar(300)	Type of the node
node_id         Varchar(16)           num_arcs         integer           the_geom         public.geometry           node_id         Varchar(16)           node_conserv         Varchar(16)           the_geom         public.geometry           arc_id         Varchar (50)	t_mat_node	the_geom	public.geometry	Geometry of node
the_geom public.geometry node_id Varchar(16) node_conserv Varchar(16) the_geom public.geometry arc_id Varchar (50)	t_arc	node_id	Varchar(16)	Node identifier
the_geom public.geometry node_id Varchar(16) node_conserv Varchar(16) the_geom public.geometry arc_id Varchar (50)	ıt_arc	num_arcs	integer	Number of arcs joining the node
node_id Varchar(16) node_conserv Varchar(16) the_geom public.geometry arc_id Varchar (50)	ıt_arc	the_geom	public.geometry	Geometry of node
node_conserv Varchar(16) the_geom public.geometry arc_id varchar (50)	at node	node id	Varchar(16)	Node identifier
the_geom public.geometry arc_id varchar (50)	at node	node_conserv	Varchar(16)	Node identifier of the duplicated node
arc_id rrties table_name Varchar (50)	at_node	the_geom	public.geometry	Geometry of node
rties table_name Varchar (50)	at mat element	arc id		Arc identifier
\	xt urban propierties	table name	Varchar (50)	Name of table to insert csv data

			UD - COLUMN	
table_id	column_id	column_type	description	
man storage	min height	numeric	Minimum height of the storage	
ext urban propierties	ois client laver name		Alias of this table on the GIS project	
00+ mo+ olomon+	# # # # # # # # # # # # # # # # # # #	valena (50)	Complete for the water of the project	
cat_mat_element		papile:geometry	declineary of air	
cat_element	arc_ld	:	Arc identifier	
cat_element	the_geom	public.geometry	Geometry of arc	
gully	label_x	varchar	X coordinate of the label's location	
arc	undelete	lood	Blocks the deleting option	
config_param_float	to_version	varchar	Output plugin version	
config_py_tables	context	varchar	Context where this table is showed	
node	workcat id end	varchar	ID of the end of construction work.	
man siphon	security bar	lood	Information whever exists the security bar.	
man storage	total height	numeric	Tota hight of the storage	
ext cat hydrometer	a Loub	varchar	Nominal diameter.	
rtc options		varchar	Ontion identifier. Primary key	
ext rtc hydrometer x data	Silstom silm	float8		
ext_cat_bydrometer		varchar		
oxt to bidromotor	2 day	**************************************		
ext_itc_llydrollietel	id_lidilibel	lexi		
ext_cat_nydrometer	multi Jet_now	varcilar		
gully	undelete	lood	Blocks the deleting option	
arc	label_x	varchar	X coordinate of the label's location	
config_param_int	value	int4	Parameter value	
node	label rotation	numeric	Angle of rotation of the label	
connec	label rotation	numeric	Angle of rotation of the label	
connec	label v	varchar	Y coordinate of the label's location	
point	undelete	lood	Blocks the deleting option	
config naram int	to wersion	varchar	Output blings varied	
configuration toxt	to version	varcher	Output plugin version	
colling_palani_text		Valcial		
config_param_text	value	text	Parameter Value	
config_py_tables	pı	ınt4	Py tables identifier. Primary key.	
config_py_tables	hidden	lood	Decides whether the table is visible for user	
man_varc	add_info	varchar	Additional information about the feature	
man_wjump	add_info	varchar	Additional information about the feature	
man_siphon	add_info	varchar	Additional information about the feature	
man_manhole	add_info	varchar	Additional information about the feature	
man_netgully	add_info	varchar	Additional information about the feature	
man_wwtp	add_info	varchar	Additional information about the feature	
man_chamber	node_id	varchar	Node identifier related to the primary key of the node table	
man_valve	node id	varchar	Node identifier related to the primary key of the node table	
man netinit	node_id	varchar	Node identifier related to the primary key of the node table	
om visit x connec	connec id	varchar	Connect identifier related to the primary key of connec table	
man waccel	arc id	varchar	Arc identifier related to the primary key of arc table	
rtc scada node	node id	varchar	Node identifier related to the primary key of the node table	
man chamber	pi lod	varchar	Polygon identifier. Primary key.	
ext rtc hydrometer x data	hydrometer id	varchar	ld of a related hydrometer.	
ext rtc hydrometer x value	pi	int8	Autonumeric field to store unique values for each row (primary key).	
cat arc	e e e e e e e e e e e e e e e e e e e	nımeric	Auxiliary narameters (width side shoes etc.)	
cat feature	) ) ) )	Varchar	rioningly programmers (which is a support of the control of the co	
oxt rto hydromotor v voluo	timostama	timostomo	Peature Identifier: Filling y Ney	
ext_rtc_nydrometer_x_value	umestamp	urnestarnp	Date of capturing the data.	

UD – COLUMN	description	Visit on gully identifier. Primary key.	Description	Value obtained from scada.	Maximum value.	ld of a related scada receiver.	Average value.	Information whever the connec is accessible.	Autonumeric field to store unique values for each row (primary key).	Date of capturing the data.	Depth of the sander.	Name of the wastewater treatment plant.	ID of value man selector valve. Primary key.	Depth of the sander.	Total width of the storage	Information whever exists the security bar.	Autonumeric field to store unique values for each row (primary key)	Name of the water jump	ld of a related scada receiver.	ID of the management area related to the connect (District Meter Area)	Flow sign	ID of the feature to which the connec is connected	Type of feature to which the connec is connected	Symbology.	Field ready to insert text for additional information.	Field to store link to information related to the scada's catalog.	Symbology.	Field ready to insert text for additional information.	Point geometry field.	Identifier of a visit related to node	Type of point	ld of a related hydrometer.	ld of a category of related hydrometer.	Value domain of status options	Sample point identifier. Primary key.						Parameter value	Output plugin version	Blocks the deleting option	Y coordinate of the label's location	Y coordinate of the label's location	Y coordinate of the label's location	Bool parameter identifier. Primary key.	Input plugin version	Context where this table is showed
	column_type	int8 Vis	text De	float Va	float8 Ma	varchar	float8 Av	bool Inf	int8 Au	timestamp Da	numeric De		varchar	numeric De	numeric To	bool	int4 Au	varchar	varchar	varchar	int2 Flc	varchar	varchar	varchar Sy	varchar Fie	varchar Fie	varchar Sy		netry		varchar Ty	varchar			varchar Sa	text	varchar	float8	numeric	varchar		varchar	bool Blc	varchar		varchar			
	column_id	pi	text	value	m3_max	scada_id	m3_avg	accessibility	þi	timestamp	sander_depth	wwtp_name	þi	sander_depth	total_width	security_bar	þi	wjump_name	sector_id	dma_id	flow_sign	feature_id	featurecat_id	svg	text3	link	svg	text1	the_geom	visit_id	point_type	hydrometer_id	cat_hydrometer_id	þi	sample_id	identif	class	m3_total_period	custom_n	voltman_flow	value	to_version	undelete	label_y	label y	label y	id	from version	context
	table_id	om_visit_x_gully	ext_rtc_scada	ext_rtc_scada_x_value	ext_rtc_scada_dma_period	ext_rtc_scada_x_data	ext_rtc_scada_dma_period	connec	ext_rtc_scada_x_value	ext_rtc_scada_x_value	man_wjump	man_wwtp	man_selector_state	man_manhole	man_storage	man_wjump	rtc_scada_x_dma	man_wjump	rtc_scada_x_sector	rtc_scada_x_dma	rtc_scada_x_dma	gully	gully	ext_cat_hydrometer	ext_cat_scada	ext_cat_scada	ext_cat_scada	ext_cat_scada	samplepoint	om_visit_x_node	point	ext_rtc_hydrometer	ext_rtc_hydrometer	rtc_value_opti_status	samplepoint	ext_rtc_hydrometer	ext_cat_hydrometer	ext_rtc_scada_dma_period	inp_conduit	ext_cat_hydrometer	config_param_bool	config_param_bool	dma	node	arc	dnlly	config_param_bool	config param text	config_param_text

ind column, id column, id column, the column id column, the column id column, id column, the column id column, the column id column id column, the column id				UD – COLUMN
at Scada text2 varchar at Scada text2  varchar at Scada picture picture point_id picture pic	table_id	column_id	column_type	description
at scada picture varchar at scada picture picture varchar sit value position id sit value position id parameter picture parameter parame	_cat_scada	pi	int4	Autonumeric field to store unique values for each row (primary key)
at_scada  picture  picture  point_id   cat_scada	text2	varchar	Field ready to insert text for additional information.	
rist_vent bool nudelete per position id descript parameter yelloweter type is it vent is tevent bool et attree to bestrone is it vent is tevent bool et attree to bestrone is it vent is tevent bool et attree to bestrone is it vent bool et attree to bestrone is it vent is it vent is it vent bool et attree to bestrone is it vent bool et attree to bestrone is it vent it vent it vent is	_cat_scada	picture	varchar	Picture related to the material.
rist_vent boolin_id and bool arachar bist_varcher boolin_id and below below and below and boolin_id and below bitter is below the boolin id account blace_name and bist_varc and bist_varc blace_name and bist_varc and bist_varc blace_name below the boolin id account and bist_varch blace_name below the boolin id account and bist_varch blace_name below the boolin id account and bist_varde_position and bist_varde boolin id account and bool and bool and below bool and belo	fig_search_plus	hydrometer_field_urban_propierties_code	e varchar	Name of field with connec code
at hydrometer madeby varchar and hydrometer madeby varchar at hydrometer picture accid at hydrometer picture accid and hydrometer sist_acre accid blace_name tepoint text place_name text place_name text place_name text place_name warchar sist_event place_name warchar sist_event accid descript cascript cascrip	hydrometer x connec	hydrometer id	varchar	ld of a related hydrometer.
at_hydrometer madeby varchar at_hydrometer picture picture care picture ar_isit_care ar_isit_car	 	point id	varchar	ID of the point. Primary key
at_hydrometer picture ac_id varchar isit_x_arc arc_id varchar sist_x_arc arc_id varchar sist_x_arc arc_id varchar sist_x_arc arc_id varchar sist_x_arc id descript varchar sist_event accord sist_parameter be position id descript varchar sist_event accord ata_ype varchar sist_event acmuneter accord ata_ype varchar sist_event acmuneter be position id data_ype varchar sist_event acmuneter acmuneter sist_event acmuneter acmuneter sist_event acmuneter acmuneter acmuneter sist_event acmuneter acmuneter acmuneter sist_event acmuneter accompany acco	cat hydrometer	madeby	varchar	
isit_x_arc arc_id varchar isit_x_arc arc_id been been been been been been been bee	cat hydrometer	picture	varchar	
isit event text text text text place_name text place_name text place_name varchar sist event place_name varchar sist_event descript value_position descript numeric sist_event descript observ sist_event data_type correct sist_event parameter_type data_type varchar sist_event position descript numeric sist_event data_type varchar sist_event position_id azimut descript title sist_event position_id data_type varchar sist_event position_id data_type id data_type correct sist_event position_id descript text_paaram_float descript text_paaram_float descript correct_id_end varchar sid_end_info_end_end_info_end_end_end_end_end_end_end_end_end_end	visit x arc	arc id	varchar	Arc identifier
isit_event text lepoint place_name text lepoint place_name text lepoint place_name text lepoint varchar lisit_value_position descript varchar lisit_parameter descript coord varchar lisit_parameter descript coord varchar lisit_parameter parameter_type coord varchar lisit_event data_type varchar lisit_event parameter_type coord varchar lisit_event parameter_type coord varchar lisit_event position_id timestamp lisit_event leature varchar lisit_event feature varchar lisit_event leature varchar lisit_event leature varchar lisit_event leature bool undelete bool label_x varchar lisit_event load from_version varchar lisit_event label_x varchar lisit_event load descript leature lisit_event load descript leature lisit_event load descript leature lisit_event load descript leature lisit_event load label_ordation load load load varchar lisit_event load descript leature lisit_event load load load load varchar lisit_event load load load load load varchar lisit_event load load load load load varchar lisit_event load load load load load load load load	 visit	user name	varchar	Name of a user conducting the visit
lepoint         place_name         varchar           sist_value_position         id         varchar           sist_value_position         descript         varchar           sist_parameter         data_type         varchar           sist_parameter         data_type         varchar           sist_parameter         data_type         varchar           sist_parameter         parameter_type         varchar           sist_acent         talmeter_type         varchar           sist_acent         tid         varchar           sist_acent         voord         varchar           sist_acent         varchar         varchar           sist_acent         varchar         varchar	visit event	text	text	Text.
isit_value_position id descript value to varchar sist_event descript descript numeric sist_event descript descript numeric sist_parameter descript descript numeric sist_event sist_event sist_event sist_event sist_event sist_event sist_event sist_event sist_event descript numeric sist_event sist_event sist_event sist_event numeric sist_event sist_event sist_event numeric sist_event sist_event sist_event numeric sist_event numeric numeric sist_event sist_event numeric n	plepoint	place_name	varchar	Location name.
isit_event value descript varchar sit_event coord descript varchar sit_event coord numeric sit_event coord descript varchar sit_event data_type id nint8 sit_event azimut parameter type data_type varchar sit_event azimut parameter parameter parameter parameter position id azimut stamp sist_event sit_event	visit_value_position	l pi	varchar	Position value identifier. Primary key.
isit_value_position descript varchar isit_event xcoord descript varchar isit_parameter_type observ varchar isit_parameter_type observ varchar isit_parameter_type observ varchar isit_event parameter_type ind float8 isit_event position_id varchar isit_event position_id int8 isit_event tasamp int8 isit_event position_id varchar isit_event position_id varchar isit_event position_id varchar isit_event position_id int8 isit_event cature readdate isit_parameter_type id varchar isit_parameter_type id varchar isit_parameter_type id varchar isit_parameter_type id varchar isit_parameter_type id label_x varchar isit_parameter_type id label_x varchar isit_param_bool from_version varchar isit_param_bool from_version ondelete bool undelete varchar param_float id descript text param_float id descript varchar id varchar id varchar varchar varchar varchar varchar varchar id varchar v	visit_event	value	float8	Event value
isit_event xcoord numeric sit_event sit_event xcoord descript varchar sit_parameter descript observ int sit_event data_type descript int sit_event data_type descript azimut int sit_event azimut position id azimut position id id intestamp sist_event sist_event sist_event sist_event sist_event id id id id intestamp sist_event sist_event feature risit_event id id id id intestamp sist_event sist_event feature risit_event id id id id intestamp sist_event sist_event feature risit_event id id id id id id id id intestamp sist_event isit_event feature risit_event id	visit_value_position	descript	varchar	Description
isit_parameter descript varchar isit_parameter_type observ isit_parameter_type observ isit_parameter_type observ isit_parameter_type observ isit_parameter id data_type of azimut isit_parameter id azimut isit_parameter position_id integration isit_avent tstamp integramp isit_avent isit_parameter_type id id integration isit_parameter_type id integration isit_parameter_type id integration isit_avent isit_avent feature enddate integration isit_avent isit_avent isit_avent feature enddate integration integration isit_avent isit_avent feature enddate isit_avent integration indefete bool integration indefete integration indefete integration indefete integration indefete indescript text itext descript descript text itext averchar id descript id descript id id ideals workcat_id_end informeter_x_data avergation id informeter_x_data avergation informeter_x_data avergation informeter_x_data avergation informeter_x_data avergation informeter_x_data averagation informeter_x_data averagation informeter_x_data averagation informeter_x_data averagation informeter_x_data averagation informeter_x_	visit_event	xcoord	numeric	X coordinate of the event
isit_parameter_type observ isit_parameter isit_parameter isit_parameter isit_parameter isit_parameter data_type isit_parameter parameter_type introducer isit_parameter azimut position_id reature position_id reature isit_event isit_event isit_parameter_type id data isit_event isit_parameter_type id data isit_event isit_parameter_type id data isit_event feature isit_parameter_type id data isit_parameter_type id data isit_parameter_type id data isit_parameter_type id data isit_parameter_type id descript isit_parameter_type introducer isit_parameter_type id descript id varchar introducer isit_param_bool context descript id varchar id descript id varchar id descript id descript id varchar id descript id id varchar id availaber id id varchar id add_info varchar id add_info varchar interest id id varchar id id id varchar id id va	visit parameter	descript	varchar	Description.
isit_event id data_type varchar isit_parameter parameter_type varchar isit_parameter azimut data_type id azimut float8 isit_event position_id timestamp isit_event tstamp isit_event isit_parameter_type id sist_parameter_type id varchar isit_parameter_type id varchar isit_parameter_type id varchar isit_event isit_parameter feature feature feature isit_parameter feature feature isit_parameter feature isit_parameter feature feature isit_parameter feature isit_parameter feature isit_parameter feature isit_param_bool context varchar varchar indelete indelete bool label_typaram_bool from_varchar fext descript descript text text descript id_ascript text id_ascript id_ascript varchar id_ascript varchar id_ascript varchar avg floats varchar add_info va	visit parameter type	observ	varchar	Observation
isit_parameter data_type varchar isit_parameter parameter_type id azimut float8 isit_event azimut position_id interestamp isit_event tstamp id	visit_event	þi	int8	Event during visit identifier. Primary key
isit_parameter parameter_type id int8 isit_x_arc id azimut position_id position_id timestamp isit_event tstamp id timestamp isit_event tstamp id timestamp isit_event isit_parameter_type id add_info context context isit_parameter is	visit_parameter	data_type	varchar	Data type.
isit_x_arc id azimut float8 isit_event azimut position_id timestamp isit_event tstamp interstamp isit_event tstamp interstamp isit_event feature id deacript isit_parameter_type id dumeric sist_event feature enddate interstamp isit_avancer_type id deacript interstation interstation indelete bool label_x undelete bool label_x varchar  J.param_bool from_version oundelete bool label_rotation indelete varchar label_rotation indelete bool label_rotation indelete bool label_rotation indelete varchar label_rotation indelete bool label_rotation indelete varchar label_rotation indelete bool label_rotation indelete	visit_parameter	parameter_type	varchar	Parameter type.
isit_event azimut position_id azimut tstamp isit_event tstamp isit_event tstamp id timestamp int sist_event tstamp int int sist_event feature isit_parameter_type id varchar isit_event feature risit_event feature isit_event feature enddate isit_event feature enddate isit_event feature isit_event feature isit_event feature isit_event feature isit_event varchar isit_event visit_id int8 int8 isit_event varchar isit_event context context context context context ind label_x varchar varchar undelete bool label_x varchar id label_rotation label_rot	visit_x_arc	þi	int8	Visit on arc identifier. Primary key.
isit_event position_id varchar timestamp isit event tstamp id timestamp id sist alue_position feature tstamp id varchar varchar sist_event feature id mumeric varchar sist_event feature isit_parameter feature enddate isit_parameter enddate isit_parameter feature isit_parameter feature isit_parameter feature isit_parameter enddate intestamp int8 isit_x_arc label_x varchar context label_x varchar label_x varchar label_x varchar label_x varchar label_x varchar label_rotation label_rota	visit_event	azimut	float8	Azimuth of the direction to which is directed the camera.
isit_event tstamp timestamp isit event tstamp isit deature id int8 isit value_position feature id varchar varchar isit_event ycoord numeric feature enddate timestamp isit_ar_arc label_x arc label_x archar isit warchar isit_ar_arc label_x archar isit_aram_bool context archar context archar label_x archar label_x archar archar label_x archar archar archar label_x archar archar label_x archar add_info archar add_info archar add_info archar archa	visit_event	position_id	varchar	Location of an event object
isit it did int it	visit_event	tstamp	timestamp	Event time and date.
isit_value_position feature varchar isit_value_position id cature isit_parameter_type id varchar isit_event ycoord numeric reature enddate timestamp isit x_arc label_x varchar isit varchar visit_id int8 isit_x_arc label_x varchar label_x varchar varchar context context varchar label_x varchar label_x varchar label_x varchar label_rotation label_rota	visit	þi	int8	Visit identifier. Primary key
isit_parameter_type id sit_event ycoord numeric sit_event ycoord numeric sit_event feature enddate timestamp sist_ar_arc label_x varchar sc label_x bool label_x varchar	visit_value_position	feature	varchar	Feature type to which is related the position value
isit_event         ycoord         numeric           isit_parameter         feature         varchar           isit         enddate         timestamp           isit         visit_id         int8           ec         label_x         varchar           ec         undelete         varchar           g_param_bool         context         varchar           g_param_bool         from_version         varchar           undelete         bool           g_param_text         id         varchar           g_param_text         id         varchar           g_param_float         id         varchar           g_param_float         id         varchar           g_baram_float         id         varchar           g_baram_float         id         varchar           tc_hydrometer_x_data         avg         varchar           chamber         add_info         varchar	visit_parameter_type	þį	varchar	Visit parameter type identifier.Primary key.
isit_parameter feature varchar sist enddate timestamp isit condate timestamp isit visit_id int8  sc label_x varchar varchar undelete bool label_x varchar context chrom_version to mumeric undelete bool label_rotation to label_rotation label_rotation id label_rotation to label_rotation label_	visit_event	ycoord	numeric	Y coordinate of the event
isit enddate timestamp isit visit_id int8  visit_id int8  ec label_x varchar varchar undelete bool label_x varchar varchar context charantext id descript text text id avarchar descript id charbon charantext id descript id workcat_id_end varchar text chydrometer_x_data avg varchar float8  endd_info varchar text text text chydrometer_x_data avg varchar add_info v	visit_parameter	feature	varchar	Feature type to which is related the position value
sist_x_arc         visit_id         int8           sc         label_x         varchar           sc         undelete         bool           label_x         varchar	visit	enddate	timestamp	Visit end date
abe _x	visit_x_arc	visit_id	int8	Identifier of a visit related to arc
and elete   bool     labe _x	ec	label_x	varchar	X coordinate of the label's location
Jabel_x     varchar       Japaram_bool     from_version     varchar       Indelete     bool       Japaram_bool     label_rotation     bool       Japaram_text     id     varchar       Japaram_text     descript     text       Japaram_float     descript     text       Japaram_float     id     varchar       Japaram_float     varchar	nec	undelete	pool	Blocks the deleting option
		label_x	varchar	X coordinate of the label's location
undelete bool label rotation undelete bool label rotation undelete bool label rotation undelete bool undelete bool undelete bool superam_text id descript text descript descript text descript id descript id workcat_id_end workcat_id_end varchar floats workcat_id_end varchar add_info varchar add_info varchar add_info varchar	ig_param_bool	context	varchar	Context where this table is showed
undelete bool label_rotation numeric undelete bool undelete bool undelete bool undelete bool y_param_text id y_param_float descript text y_param_float id tc_hydrometer_x_data avg toarchar chamber add_info varchar	ig_param_bool	from_version	varchar	Input plugin version
label_rotation numeric undelete bool undelete bool J_param_text descript text J_param_float descript text J_param_float id descript text  c_hydrometer_x_data avg float8 workcat_id_end varchar chamber add_info varchar	or	undelete	pood	Blocks the deleting option
undelete bool  Jaram_text id  Jaram_text descript text  Jaram_float descript text  Jaram_float id  Chydrometer_x_data avg  workcat_id_end varchar  chamber add_info varchar		label rotation	numeric	Angle of rotation of the label
Jaram_text idescript text text descript text text descript text descript text text descript idescript text c_hydrometer_x_data avg toworkcat_id_end varchar add_info varchar add	ø.	undelete	bool	Blocks the deleting option
J_param_text descript text J_param_float descript text J_param_float id  ic_hydrometer_x_data avg toorkcat_id_end varchar chamber add_info varchar	ig_param_text	þi	varchar	Text parameter identifier. Primary key.
Jparam_float descript text Jparam_float id c_hydrometer_x_data avg varchar workcat_id_end varchar chamber add_info	ig param text	descript	text	Text parameter description.
	ig param float	descript	text	Float parameter description.
ic_hydrometer_x_data avg  workcat_id_end chamber  varchar  varchar	ig param float	, pi	varchar	Float parameter identifier. Primary key.
workcat_id_end varchar chamber add_info varchar	rtc_hydrometer_x_data	avg	float8	Average value.
chamber add_info varchar	   	workcat id end	varchar	ID of the end of construction work.
	_chamber	add_info	varchar	Additional information about the feature

UD - COLUMN	column_type description	nar Additional information about the feature				nar Node identifier related to the primary key of the node table		Confirmation of correct schema name	eric Auxiliary parameters (width, side slopes, etc.)	nar ID of the end of construction work.					_	3 Average value.	Information whether exists the surface protector.	_		nar Name of the siphon	•	Information whether exists the surface protector.									nar Type of feature to which the connec is connected					Identifier of a visit related to connec	Identifier of a visit to which are related the events			Float parameter description.	Integer parameter description.	3 Half of a size of automaticly inserted polygon (double geometry)			.0	nar(50) UI view name
	column_id colun	add info			pol_id varchar	node_id varchar	qgis_project bool	db_schema bool	geom5 numeric	_id_end		workcat_id_end	private_connecat_id varchar	cat_scada_id varchar	scada_id varchar	avg float8	prot_surface bool	steps	chamber_name varchar	siphon_name varchar	total_length numeric	prot_surface bool	steps	q	mwidth numeric	id int4	valve_name varchar	sander_length numeric	Ð	feature_id2 varchar	featurecat_id varchar	the_geom geometry	adress text	comment	starttime timestamp	visit_id int8	visit_id int8	parameter_id varchar	startdate timestamp	descript text	descript text	buffer_value float8	id varchar	from_version varchar	tation	ui_table varchar(50)
	table_id	man valve		III		a)	config_py_tables q	config_py_tables d		element	cat_arc g	arc			ext_rtc_scada_x_value s				Je		man_storage to	man_wjump p		rtc_scada_node s	man_wjump n	x_sector	man_valve v	man_waccel s		samplepoint fe	samplepoint fe		ext_rtc_hydrometer a	ext_cat_period c	ext_cat_period s	om_visit_x_connec v	om_visit_event v	om_visit_event p	om_visit s	config_param_bool d	config_param_int d		config_param_int ic	config_param_int fr		config_ui_forms u

UD – COLUMN	description	III column name	Status (OPEN, CLOSED or CV)	index of a column	Additional information about the feature	ID of the end of construction work.	Gully identifier related to the primary key of the gully table	Value obtained from hydrometer.	Status (OPEN, CLOSED or CV)	Maximum value.	identifier of a visit related to gully	Sum of the values.	D of the feature to which the connec is connected	Time interval in which the data was captured expressed in seconds.	Information whever the connec is diagonal or perpendicular	Status (OPEN, CLOSED or CV)	Width of the netinit	Total volume of the chamber.	Length of the sander.	Information whether exists the surface protector.	Height of the netinit	Length of the netinit	Total length of the chamber.	Name of the storage	Type of units in which the data is expressed.	Visit parameter identifier. Primary key.	Visit on connec identifier. Primary key.	Visit on node identifier. Primary key.	Type of data coming from scada.	Field to store URL or folder path with more information related to the scada's catalog.	Masterplan state selector identifier. Primary key.	Type of the sample element	Sample point code for laboratory	Client name.	Domain value of samplepoint's state.	Defines the end of the period.	Field to store link to information related to the hydrometer's catalog.	Hydrometer category identifier primary key	Period identifier where the RTC is allowed	Description of a point	Category of a hydrometer	Period of time expressed in seconds.	Location - street 2	Value domain of coefficient options	Selector state analysis identifier. Primary key	Information about the origin			
	column_type	varchar(50)	(2)	lint	(255)	(255)	(255)	(255)		varchar	numeric	varchar	float8	int8	float8	varchar	int4	varchar	varchar	numeric	numeric .	aric			numeric	numeric .	varchar	varchar	varchar	int8				varchar	varchar	int4			timestamp	varchar	varchar	varchar	text	text	int4	varchar			
	column_id	ııi column	status	column index	add info	add info	add info	add_info	workcat id end	gully_id	value	status	max	visit_id	sum	feature_id	interval_seconds	diagonal	status	mwidth	total_volume	sander_length	prot_surface	mheight	mlength	total_length	storage_name	units	þi	þi	þi	data_type	url	pi	element_type	code_lab	client_name	state	endtime	link	þi	period_id	text	hydrometer_category	period_seconds	street2	þį	þį	origin
	table_id	Config til forms				man storage	man outfall	man_conduit	connec	om visit x gully	ext_rtc_hydrometer_x_value				ter_x_data	connec	ext_rtc_scada_x_value	connec	ext_rtc_scada_x_value	man_netinit	man_chamber	man_wjump	man_waccel	man_netinit	man_netinit	man_chamber	man_storage	ext_cat_scada	om_visit_parameter	om_visit_x_connec	de			plan_selector_state	samplepoint	samplepoint	ext_rtc_hydrometer	samplepoint	ext_cat_period	ext_cat_hydrometer	ext_hydrometer_category	rtc_options	point	ext_rtc_hydrometer	ext_cat_period	samplepoint	ti_coef	anl selector state	

			UD - COLUMN
table_id	column_id	column_type	description
ext_cat_period	þi	varchar	ID of a period catalog. Primary key.
samplepoint	street1	varchar	Location - street 1
ext_rtc_hydrometer	house_number	text	Home number where hydrometer is located
ext_hydrometer_category	observ	varchar	Observation
rtc_hydrometer	hydrometer_id	varchar	ld of a related hydrometer.
rtc_options	return_coeff	float8	Value domain of the return coefficient applied
samplepoint	representative	pool	Information whever the samplepoint is representative.
rtc_options	rtc_status	varchar	Field to define the status of the Real Time Control (ON or OFF)
samplepoint	rotation	numeric	Field to use in order to rotate the symbology of the GIS canvas
rtc_options	peak_coeff	float8	Value domain of the peak coefficient applied
rpt_selector_result	pi	int	Selector identifier. Primary key.
rpt_selector_result	cur_user	text	Current user name
rpt_selector_compare	jd	int	Selector identifier. Primary key.
rpt_selector_compare	cur_user	text	Current user name
v_edit_connec	workcat_id_end	character varying	
config csv import	gis client layer name	varchar(50)	Alias of the table on the GIS project
db cat client layer	ggis layer id	text	QGIS layer identifier.
db cat client layer	db cat table id	text	Identifier of a table in a database.
db cat client laver	laver alias	text	Name of the laver appearing in the table of content (ToC).
db cat client laver	client id	text	Client identifier
db cat client laver	description	text	Description
db cat client laver	pre dependences	text	
db cat client layer	post dependences	text	
db cat client laver	db cat client laver agrupation id	varchar(50)	
db cat client layer	styledml use asdefault	pool	Existing of default layer style.
db cat client laver	styleam! file	text	Name of the oml style file
db cat client layer	geometry field	text	Existing of the layer's geometry field.
db cat client laver	project criticity	smallint	
db cat client laver	project_crimens automatic reload laver	hool	Existing of automatic reload of the laver
anl tonological consistency	node id	character varying	
an topological consistency	node type		
anl tonological consistency			
anl topological consistency	the geom	IISER-DEFINED	
audit function actions	addr	inet	
confia	insert double geometry	boolean	
connec	connec type	character varying	
connec type	type		
connec type	man table	character varying	
connec type	event table		
db cat clientlayer	_ pi		
db_cat_clientlayer	name	text	
db_cat_clientlayer	group_level_1	text	
db_cat_clientlayer	group_level_2	text	
db_cat_clientlayer	group_level_3	text	
db_cat_clientlayer	group_level_4	text	
db_cat_clientlayer	description	text	
db_cat_table	db_cat_clientlayer_id	integer	
db_cat_view	db_cat_clientlayer_id	integer	

table_id element_type om_visit_event	type compass	column_type character varying double precision	UD – COLUMN description
rtc_scada_x_sector	scada_id	character varying	