QGEP Documentation

Release 0.5

The QGEP Project/OPENGIS.ch

February 01, 2016

Contents

1 Contents **3**
1.1 QGEP User Guide 3
1.2 Indices and tables 8

2 Indices and tables **9**

QGEP is a wastewater management module for QGIS based on SIA 405 (Leitungskataster) and VSA-DSS (GEP) and developed closely to the QGIS application.

This document can also be downloaded as a single PDF document: QGEP.pdf .

Contents

1.1 QGEP User Guide

This represents a guide on how to collect data in QGEP (digitizing), edit existing data and use various tools like length profile, network following and plan plotting.

1.1.1 Digitizing in QGEP

This represents a guide on how to correctly collect and digitize data of sewer networks including building the topology.

Data entry

There are basically two ways:

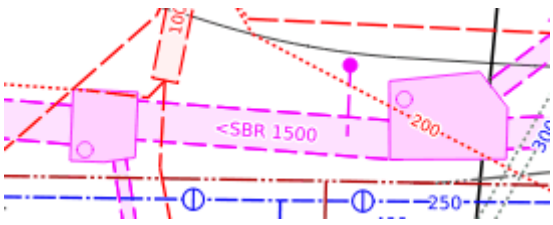
- Data entry by constructing or digitizing in the QGEP GIS itself
- Data entry in an external programm or software and then importing the position and/or technical data into QGEP e.g.:
  - coordinates from manholes from measurement
  - position and/or technical data from another GIS or CAD system
  - using data from the surveyor (e.g. property boundaries) as a basis for defining catchment borders
  - other

Data entry in QGEP needs some understanding of the underlaying data model VSA-DSS, but is supported with some great data collecting wizards and forms that link the different tables correctly together.

General

Allgemein: Reihenfolge (Schacht - Kanal, Erfassungsgrundsätze)

Link: add link



...

(take more from GEPView-Howto 1.2. Chapter 3)

Digitizing Waste water structures

QGEP has a wizard to correctly collect manholes and special structures.

TO DO: Explain how it works

General

Allgemein: Abwasserbauwerk-Bauwerksteil-Abwassernetzelement Allgemein: Wizard und Eingabemaske mit wichtigsten Feldern / Subtabellen Bezeichnung: Default, Unique, ... Schacht (Deckel) und Abwasserknoten beim Normschacht / beim Spezialbauwerk

Digitalisierwerkzeuge Abwasserbauwerk Geometrie für Spezialbauwerke evtl. weitere Verknüpfungen erstellen

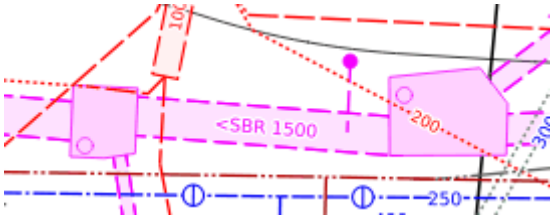
Titel

Subtitle

- List
  - Subpoint

Link: add link

Add some screen shots



...

(take more from GEPView-Howto 1.2. Chapter 4.1)

Digitizing Waste channels

QGEP has a wizard to correctly build channels and connect them to the manholes / special structures and build up the topology for waste water nodes and reaches.

TO DO: Explain how it works

General

- Kanal/Haltung (Digitalisierrichtung, Schnappen)
- Weitere verknüpfte: Eigentümer, Rohrprofil, Hydraulische Geometrie, Hydraulische Einbauten
- evtl. Verknüpfungen erfassen

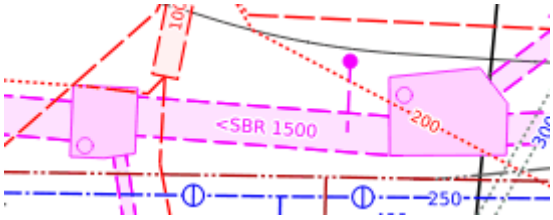
Titel

Subtitle

- List
  - Subpoint

Link: add link

Add some screen shots



...

(take more from GEPView-Howto 1.2. Chapter 4.2)

Deleting objects

TO DO: Explain how it works

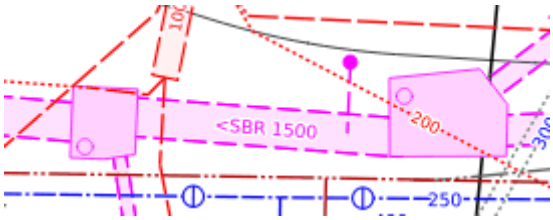
Titel

Subtitle

- List
  - Subpoint

Link: add link

Add some screen shots



...

1.1.2 Editing of existing data

This represents a guide on how to edit existing data in QGEP.

TO DO: Explain how it works

General

- Attribute ändern
- Verknüpfungen ändern
- Subklasse eines Abwasserbauwerkes ändern (ObjektID ändert dann auch!)
- Kanäle unterteilen

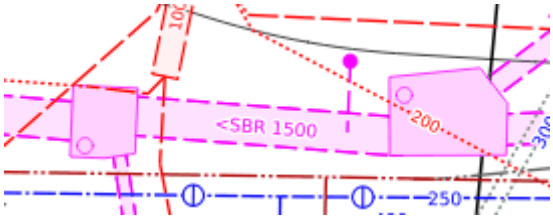
Titel

Subtitle

- List
  - Subpoint

Link: add link

Add some screen shots



1.1.3 Length profiles

This represents a guide on how to choose a section and display a lenght profile.

TO DO: Explain how it works

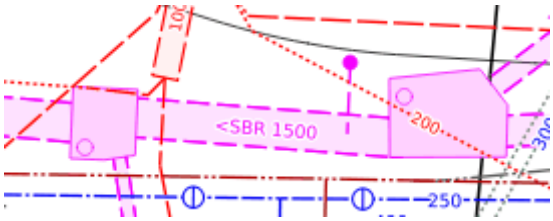
Titel

Subtitle

- List
  - Subpoint

Link: add link

Add some screen shots



1.1.4 Network following tools

This represents a guide on how to use the network following tools in QGEP.

TO DO: Explain how it works

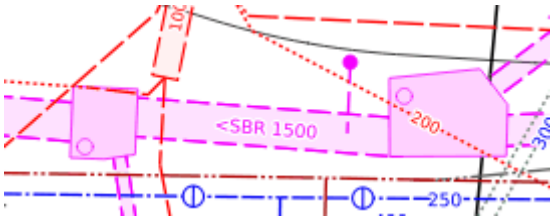
Titel

Subtitle

- List
  - Subpoint

Link: add link

Add some screen shots



1.1.5 Plan plotting

This represents a guide on how to do plan plotting in QGEP.

TO DO: Explain how it works

General

- Titelblatt und Legende
- Rahmenpläne erstellen / verwalten / drucken

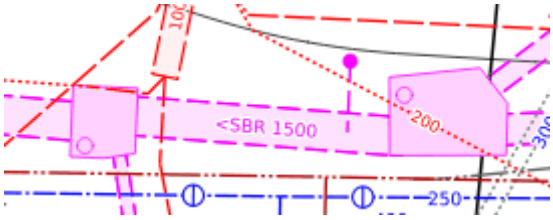
Titel

Subtitle

- List
  - Subpoint

Link: add link

Add some screen shots



1.2 Indices and tables

- genindex
- search

CHAPTER 2

Indices and tables

- genindex
- search