



Hydrogeology and legalization facilities



DESCRIPTION

Legalization of all the facilities of the own and municipal surveys. Develop and direct the work of new supply surveys.

Analysis of structural problems and repairs of the current supply wells.

Carrying out various studies, such as wastewater discharges from the WWTP, required by the river basins.

New hydrogeological studies to search for alternatives to supply, optimization of underground hydraulic resources.



OBJECTIVES

Complete the legalization of all supply points in the municipalities served in several years.

Continuously improve the performance of supply surveys.

Analysis of the possibilities of improving municipal supplies.

Opting for new supply works from public administrations.

Presentation to technical assistance related to the waters of public administrations.



TARGET

Administrations, public companies and city councils with competences in the service.



RESULTS / ADVANTAGES

Improvements in the technical and administrative conditions of public supplies, which are mainly fed by groundwater. Compliance with legal regulations of public administrations regarding supplies and wastewater.



ACTIONS

River basins:

Drafting of groundwater concession projects for supply.

Concession modifications: volumetric data, ownership changes, technical and construction data. Inclusion of new supply points.

Final work certifications for concession.

Drafting of groundwater research projects for the river basins.

Preparation and delimitation of the proposed perimeter of protection for drinking water catchments.

Industry Councils:

Drafting of groundwater research projects for supply.

Preparation of environmental impact assessment for wells over 120 m deep (according to current legislation).

Carrying out a low voltage electrical installation project.

Carrying out a technical report on low voltage electrical installation.

Drafting of the project.

Final work certifications for research project.

Wastewater and project management:

Direction and supervision of groundwater survey work for supply.

Hydraulic-constructive state reviews of water survey.

Technical supervision of sounding videographic record. Results report included.

Reports of possibilities for improvements in wells or wells deteriorated or with low performance.

Pumping test direction in existing well, report of results and installation recommendations.

Hydrogeological report to legalize the discharge of treated wastewater from a wastewater treatment plant.

Hydrogeological studies to evaluate the possibilities of new catchments in a municipality.

Punctual consultation of the status of legalization files of the different administrations of the supply surveys of the municipalities.