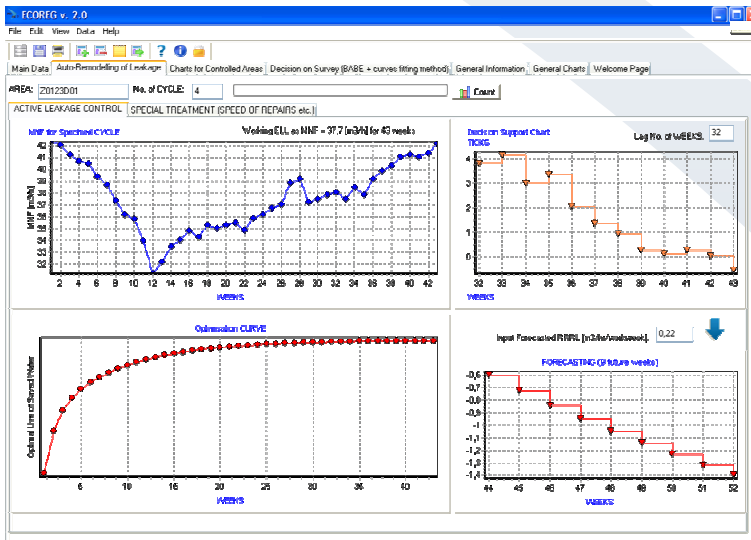


ECOREG™ v. 2.0

Economic Remodelling of Leakage



ECOREG™ is a operational tool which assists leakage managers to operate at the economic level of leakage. The Ecoreg unique methodology has been developed in 2008 and is being successfully implemented by companies at the forefront of leakage control.



ECOREG is a software programme used for economic remodelling of water losses, allowing the Economic Level of Leakage to be achieved in a water network. The principle of its operation is based on the Real Rate of Rise in Leakage (RRRL). Ecoreg is not based on either any theoretical assumptions or water network activity forecasts. The precise knowledge required to optimize the process of limiting water loss from leakage comes from the current changes of process parameters (mainly from the night flow in a water network).

Benefits

Very fast analysis – weekly night flow data underpins Ecoreg™. A detailed analysis is provided of the costs of leakage control and the real costs of water losses.

Standalone software – Ecoreg™ builds on existing systems equipped in Windows XP. The database of Ecoreg™ is an independent source of data.

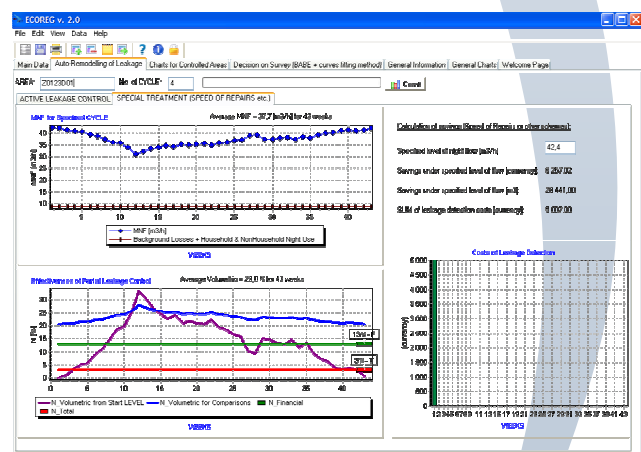
Question:

What will happen if the operational pressure in a water network changes during the leakage control cycle? In the existing programmes, the Economic Level of Leakages and its new parameters had to be recalculated from anew.

In many cases, both the introduction of leakage control itself and elimination of unreported bursts resulted in a rise in pressure and loss of leakage control effects.

Answer:

ECOREG automatically takes into account such events by the fact that they influence the level of the minimum night flow and the resulting effectiveness of the whole process of the leakage control. It is not required to enter any additional data concerning that event (pressure changes, etc.) to Ecoreg. It is necessary, however, to check the profitability of undertaking another (next) network survey, which can be done with the help of one of Ecoreg programme's modules.

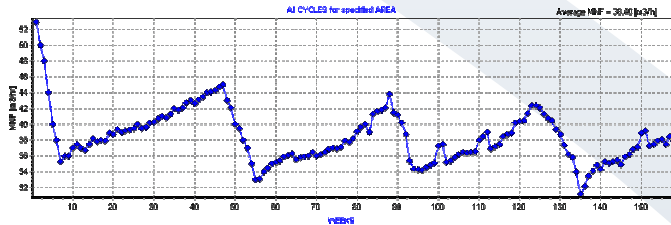


ECOREG™ v. 2.0

Economic REmodellinG of Leakage



Ease of implementation - Ecoreg™ is always ready to meet all specific requirements of each and every water supplier.



ECOREG™ :

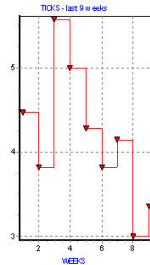
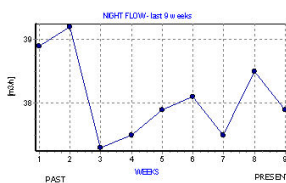
- integrates with all water networks
- tracks performance and efficiency
- allows least cost policies to be developed
- determines short run and long run Economic Level of Leakage

ECOREG Report

Bay Water Company

Area: Z0123D01

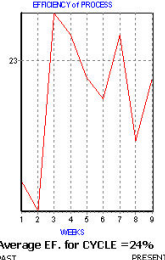
Length of MAINS [km]: 9,41
 Length of CONNECTIONS [km]: 17,5
 Number of CONNECTIONS [-]: 146,1
 Number of RESETHITS [-]: 2958
 Number of NONHOUSEHOLDS [-]: 86
 Night-Day FACTOR [-]: 2,0
 Marginal COSTS (currency): 0,22
 Condition of Network [-]: 2
 Number of ESPB [-]: 2,0
 ESPB [m3/hz]: 1,6
 Number of Last CYCLE [-]: 4



ECOREG™ includes a unique mathematical formula used for processing of discrete data and continuous functions enabling the establishing of economically desired parameters for network surveys and leakage detection. It applies to both short-term and long-term activities. Thus, achieving the Economic Level of Leakages by an enterprise has become comparatively easier then before.

Calculation results fit all current changes of water network parameters, always. They are also contingent upon the values of currently occurring bursts and the effectiveness of their detection in given operational conditions!

The optimization of leakage level to its economic value is carried out directly from the operational level - not on the basis of projects or analytical documentation.



Average EF. for CYCLE = 24%

NOTE:

Printed:31-01-2009

Page: 1

ECOREG™ is designed for management the Active Leakage Control, Speed of Repairs and other free-form leakage detection in a water network. Since the results produced by Ecoreg depend on the current changes of water network parameters and take into account the real rate/course of water loss changes – Ecoreg™, as no other software programme, enables precise control of surveys of water network.

ECOREG™ - the latest and most accurate method in the world in the field of achieving the operational Economic Level of Leakage in your water network.

For further information please contact:

Mr. Slawomir Speruda, WaterKEY in POLAND

Tel./Fax: 00 48 22 648 17 27 , Mobile: 00 48 502 214 516

Email: office@ecoreg.pl , Web: www.ecoreg.pl

