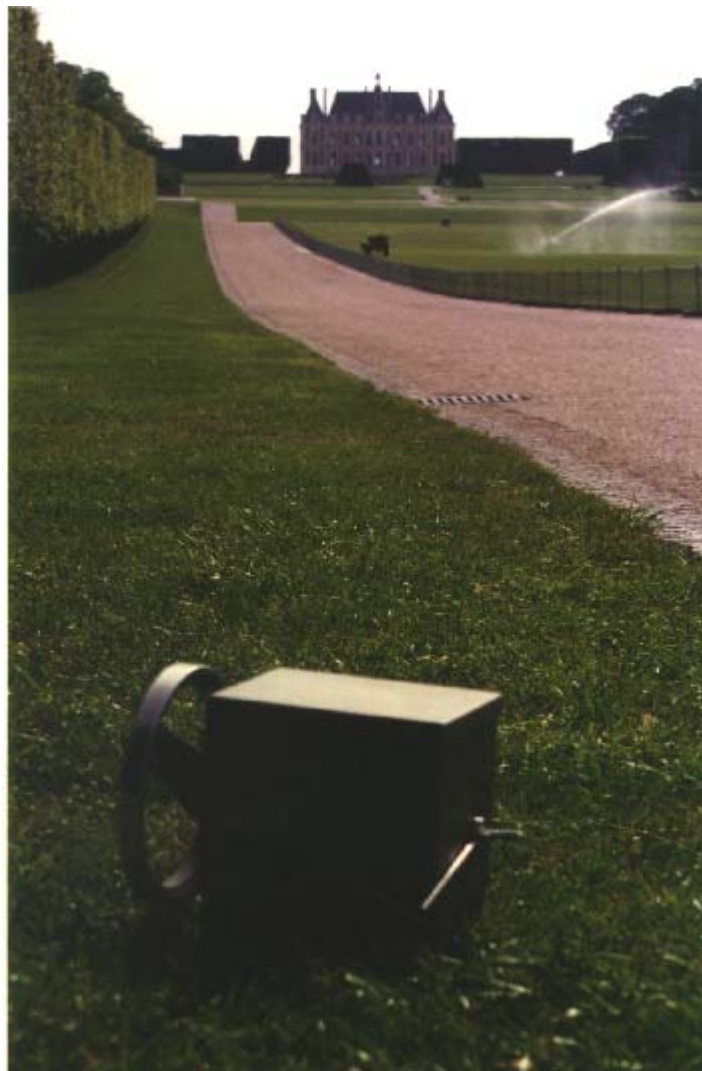


OILSPY

Hydrocarbons isolation system
in sewer systems



NEREIDES set up a hydrocarbons detection OILSPY in a decontamination network. In the case of a pollution by hydrocarbons or solvents, the OILSPY system, linked to a tilting gate, allows to stop the pouring of polluted rain water that fills The Grand Canal of the Parc de Sceaux.

OILSPY

Hydrocarbons isolation system in sewer systems

System principle

An OILSPY fixed on a buoy was set up in the sediments removal chamber. It is linked to a command black box that activates a tilting gate located in the isolation chamber for hydrocarbons rejects. In the case of a pollution, the membrane breaks and activates the tilting gate.

The tilting gate then blocks the bottom part of the water conduit. The water is therefore isolated and is not directed towards the Grand Canal but towards the local purification of sewage water station.



Oilspy on a basin buoy in the Sediments removal chamber



Command black box of the tilting gate



Tilting gate in open position

Supplied Equipment

- OILSPY hydrocarbons detector on basin buoy
- Command black box
- Reducer
- Electromagnetic disc brake
- 6 batteries pack life expectancy : 1 year

