

THE UNDERGROUND WATER CONTROL ACT

REGULATIONS  
(*under section 6*)

The Underground Water Control (Abstractions) Regulations, 1961 L.N. 90/62

ORDERS  
(*under section 9*)

(*Omitted*)

REGULATIONS  
(*under section 13*)

The Underground Water Control (Licensing) Regulations, 1961 L.N. 91/62

# THE UNDERGROUND WATER CONTROL ACT

## REGULATIONS (under section 6)

### THE UNDERGROUND WATER CONTROL (ABSTRACTIONS) REGULATIONS, 1961

*(Made by the Underground Water Authority, with the approval of the Minister on the 18th day of November, 1961)* L.N. 90/62

1. These Regulations may be cited as the Underground Water Control (Abstractions) Regulations, 1961.

2. In these Regulations "underground work" means a well, borehole, adit or other underground work used for obtaining a supply of water.

3.—(1) Subject to paragraph (a) of the proviso to subsection (1) of section 6 of the Act (which provides that regulations made under that section shall not apply in a case where water is abstracted by an individual for the domestic purposes of his household only) any person who abstracts water from an underground work shall keep such records as are specified in paragraph (2).

(2) The records to be kept by a person for the purpose of these Regulations shall, in respect of each underground work from which he abstracts water—

- (a) show the quantity of water abstracted each day;
- (b) if possible show as ascertained at some time in the month of March in each year—
  - (i) the rest level; and
  - (ii) the pumping level for a stated abstraction rate;
- (c) include certified copies of any chemical and bacteriological analyses of the water made on his behalf.

(3) For the purposes of this regulation—

- (a) the rest level of the water in an underground work means the water level therein when no abstraction of water is taking place, measured from a fixed point which shall be specified;

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(b) the pumping level of the water in an underground work means the water level when abstraction of water therefrom is taking place at a specified rate as measured by a method approved by the Authority;

(c) an underground work from which water is or may be abstracted by means of pumping shall be deemed to be capable of yielding so much water a day as the pumping equipment installed in connection therewith is capable of pumping in a day as measured by a method approved by the Authority.

(4) Any record kept for the purposes of these Regulations shall be preserved for a period of five years.

4.—(1) A person who is required by regulation 3 to keep the records therein mentioned shall—

First  
Schedule.

(a) in respect of each period of twelve months ending on the 31st day of March, furnish to the Authority within twenty-one days of the end of the period a return in the form shown in the First Schedule in respect of each underground work in relation to which such records are required; and

(b) if required so to do by the Authority in writing—

(i) cause an analysis to be made of any water abstracted by him, in the state in which it is abstracted, and to furnish a copy of the analysis to the Authority;

(ii) furnish to the Authority a sample, of such quantity as the Authority may require of any water abstracted by him, in the state in which it is abstracted.

Second  
Schedule.

(2) An analysis for the purposes of this regulation shall be in the form set out in the Second Schedule.

5. Any person who contravenes regulation 3 or 4 shall be guilty of an offence and liable on summary conviction before a Resident Magistrate to a fine not exceeding one hundred dollars or to imprisonment with or without hard labour for a term not exceeding three months.

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FIRST SCHEDULE

Annual Return

Geological Survey  
Ref. No.

Full address of premises in which underground work (well, borehole, adit or other work) is situated. ....  
Name of well, borehole, adit or other work for which this return is made. ....  
Name of person making the return, and address if different from that quoted above. ....

I certify that, according to the records kept by the abovenamed person, that

(1) The total quantity of water abstracted during the year ending 19..... from the underground work described above was ..... imperial gallons.

(2) The rest level of the water therein on the..... March 19..... was (.....feet) below..... (unascertainable) which is.....feet above/below ground level.....

(3) The pumping level of water therein on the..... March, 19....., when water was being abstracted .....imperial gallons per minute, was..... feet below/above the ground level.

(Signature).....

(Date).....

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SECOND SCHEDULE

(Regulation 4)

Return of analysis of underground water

Geological Survey  
Ref. No.

Name and address of person making return .....  
Full address of premises in which well, borehole, .....  
adit or other work is situated if different from .....  
above. ....

Analysis of sample of water from well, borehole, adit or other work in the  
state in which it is abstracted

Date of taking sample.....

Analysed by.....

(a) Physical Examination

Temperature at source.....°C.

Colour

Appéarance

Taste

Smell

(b) General Chemical Examination

Reaction, pH

Free carbon dioxide, as CO<sub>2</sub> .....parts per million

Ammoniacal nitrogen, as N ..... " " "

Albuminoid nitrogen, as N ..... " " "

Nitrous nitrogen, as N ..... " " "

Nitric nitrogen, as N ..... " " "

Hardness (state test used.....)

as CaCO<sub>3</sub>—

Temporary ..... " " "

Permanent ..... " " "

Permanganate figure (4 hours, 80°F.)

as O .....parts per million

Alkalinity, as CaCO<sub>3</sub> ..... " " "

Total Solids ..... " " "

(c) Mineral Analysis

Calcium, as Ca ..... " " "

Magnesium, as Mg ..... " " "

Sodium, as Na ..... " " "

Carbonate, as CO<sub>3</sub> ..... " " "

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**SECOND SCHEDULE, *contd.***

Chloride, as Cl	...	.....part:
Sulphate, as SO <sub>4</sub>	...	....."
Nitrate, as NO <sub>3</sub>	...	....."
Iron	...	....."

- (d) Other determinations to be carried out at the analyst's discretion or at the Authority's request, depending upon indications obtained and on general characteristics of waters of the district, e.g., manganese, fluorine, etc.
- ....."
- ....."
- ....."
- (e) Bacteriological analyses, if available, should be attached to this form.