

Fact Sheet Date: OCT 22 1993

**NEW YORK STATE  
- HUMAN HEALTH FACT SHEET -**

**Ambient Water Quality Value for  
Protection of Sources of Potable Water**

**SUBSTANCE:** Dichlorodifluoromethane      **CAS REGISTRY NUMBER:** 75-71-8

**AMBIENT WATER QUALITY VALUE:** 5 ug/L

**BASIS:**

Surface Water:      Principal Organic Contaminant Classes (6 NYCRR 702.3(b))

Groundwater:      Former Reference to 10 NYCRR Subpart 5-1 Principal Organic Contaminant (POC) General Maximum Contaminant Level (MCL)

**SUMMARY OF INFORMATION**

A review has not been conducted for dichlorodifluoromethane at this time beyond the determination that it is in a principal organic contaminant class as defined in 6 NYCRR 700.1(a)(34) and that it does not have a more stringent Specific MCL.

**DERIVATION OF VALUE:**

**Surface Water**

Regulations [6 NYCRR 702.2(b)] require that the value derived be the most stringent of the values derived using the procedures found in sections 702.3 through 702.7. Although an in-depth review has not been performed, 702.3(b) requires that the value derived for a substance in a principal organic contaminant class be at least as stringent as 5 ug/L. Therefore, the ambient surface water quality value for dichlorodifluoromethane is set at 5 ug/L.

## Groundwater

The principal organic contaminant (POC) groundwater standard of 5 ug/L (6 NYCRR 703.5) applies to dichlorodifluoromethane. This standard became effective on January 9, 1989 by inclusion by reference to 10 NYCRR Subpart 5-1 standards. The basis and derivation of the POC standard are described in a separate fact sheet.

### **REFERENCES:**

NYSDEC. 1991. 6 NYCRR, Chapter X, Parts 700-705. Water Quality Regulations for Surface Waters and Groundwaters.

CSS/SS  
September, 1993