

Table 1. Predicted influent, regulatory discharge, and design discharge water concentrations, Groundwater IRM, Operable Unit 3, Former Grumman Settling Ponds, Bethpage, New York.

PARAMETER (1)	BASIS OF DESIGN CONCENTRATIONS - WATER (ug/L)		
	Predicted Influent (2)	Regulatory Standard (3)	Design Effluent (4)
Trichloroethene	46	5	<2.5
cis-1,2 Dichloroethene	780	5	<2.5
Vinyl Chloride	147	2	<1

**NOTES**

1. The three primary project compounds; Trichloroethene, cis 1,2 Dichloroethene, and vinyl chloride are listed.
2. Predicted influent concentrations are based on data collected during the remedial investigation, projected pumping rates, and include a 50% factor of safety.
3. Regulatory concentration per "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, per Division of Water Technical and Operational Guidance Series (1.1.1), reissued June 1998 for ambient water classification 'GA - Source Drinking Water (groundwater)'".
4. The design effluent concentrations calculated by dividing the regulatory levels of VOCs by 2 for a safety factor.