

AMBIENT SURFACE WATER QUALITY
STANDARDS DOCUMENTATION

CHEMICAL: Anthracene

VALUE(S) ADDED 5-10-84

CAS NO.(s): 120-12-7

FACT SHEET REVISED 9-6-85

BASIS (Human/Aquatic): Human

VALUE(S) REMOVED -----

WATER CLASSIFICATION: AA; AA-s; A; A-s

STANDARD: 50 ug/l Note E

REMARKS:

SUMMARY INFORMATION:

Available toxicity information on this compound has been reviewed.^{1,2,3} Insufficient data exist upon which to calculate a guideline based on chronic toxicity or aesthetic characteristics. The compound has not been adequately tested to determine its oncogenic potential.

STANDARD DERIVATION

Inadequate data base for this chemical precludes the use of any derivation outlined in Section 701.3 through 701.7. Therefore, the general guideline of 50 ug/l is recommended as a standard.

REFERENCES:

- (1) Schriber, J. 1973. J. Natl. Cancer Inst., 50, 1717-1719. Tumor Initiation by Apparently Noncarcinogenic Polycyclic Aromatic Hydrocarbons.
- (2) Drinking Water and Health. 1980. Vol. 4, National Academy Press, Washington, D.C.
- (3) USEPA, Oct. 1980. Ambient Water Quality Criteria for Polynuclear Aromatic Hydrocarbons, EPA-440/5-80-069, PB81-117806.

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