



**New Jersey Department of Environmental Protection**

**Standards for Drinking Water, Ground Water, Soil and Surface Water**

**Benzo(a)pyrene(BaP)**

**CAS #: 50-32-8**

**Drinking Water Standards** ( $\mu$  g/l or ppb)

**Standard:** 0.2

**Type:** Primary

FEDERAL MCL

**Ground Water Quality Standards** ( $\mu$  g/l or ppb)

**Standard:** 0.1

**Type:** Specific

**GW-Quality Criterion:** 0.005

**PQL:** 0.1

**Surface Water Quality Standards** ( $\mu$  g/l or ppb)

**Fresh Water-**

**Human Health:** 0.0038(hc)

**Aquatic-Acute:**

**Aquatic-Chronic:**

**Saline Water-**

**Human Health:** 0.018(hc)

**Aquatic-Acute:**

**Aquatic-Chronic:**

**Soil Standards** (mg/kg)

**Residential Direct Contact Health Based Criteria and Soil Remediation Standard**

**Soil Remediation Standard:** 0.2

**Effective:** 6/2/2008

**Interim:**

**Ingestion Dermal:** 0.06

**Inhalation:** 3,800

**Soil PQL:** 0.2

**Non-Residential Direct Contact Health Based Criteria and Soil Remediation Standard**

**Soil Remediation Standard:** 0.2

**Effective:** 6/2/2008

**Interim:**

**Ingestion Dermal:** 0.2

**Inhalation:** 300

**Soil PQL:** 0.2