

~~(10)~~ (12) one representative of the Johns Hopkins School of Public Health, designated by the Dean;

~~(11)~~ (13) one engineer with expertise in water and sewage issues;

~~(12)~~ (14) one representative of the Washington Suburban Sanitary Commission;

~~(13)~~ (15) one person from a law enforcement or security agency with specific experience in antiterrorism, appointed by the Governor; and

~~(14)~~ (16) one person from a Maryland educational research institution with specific expertise in water disinfection technologies, appointed by the Governor.

(c) The Governor shall appoint the chairman of the Advisory Council.

(d) The Department of the Environment shall provide staff for the Advisory Council.

(e) A member may not receive compensation for serving on the Advisory Council, but is entitled to reimbursement for expenses under the Standard State Travel Regulations, as provided in the State budget.

(f) The Advisory Council shall:

(1) study new and innovative technologies relating to water security and sewerage systems and compare the costs of new technologies with current practices;

(2) develop a priority funding system for implementing new technology;

(3) develop a plan for regular evaluations at timed intervals;

(4) develop methods for public education;

(5) develop plans to provide technical assistance to small and medium communities;

(6) study user rates;

(7) reevaluate and refine local needs data;

(8) evaluate and review certain water quality regulations and criteria to improve the waters and prevent interim degradation; ~~and~~

(9) review the effectiveness of water and sewer plans;

(10) study and assess the levels, potential health effects, and persistence of chlorination by-products in the water supply as they may affect individuals living and working in Maryland;

(11) assess alternative methods of disinfection that may involve lower levels of chlorination by-products in of the water supply, and the potential health effects, both risks and benefits, that may accrue from using these alternative methods;