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# SENATE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF HEALTH TO INCLUDE THE USE OF  
BIOREMEDIATION METHODS TO PREVENT AND MITIGATE POLLUTION IN  
ITS BEST MANAGEMENT PRACTICES AND PROGRAMS.

1 WHEREAS, the Department of Health is responsible for  
2 implementing an Environmental Protection Agency program  
3 identifying areas where water quality is impaired, known as  
4 water quality limited segments; and

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6 WHEREAS, these water quality limited segments are normally  
7 found near river and stream mouth estuaries, including Honolulu  
8 Harbor, Keehi Lagoon, and the Ala Wai small boat harbor; and

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10 WHEREAS, bioremediation, a technology utilizing the  
11 presence of biological agents, from plants to microorganisms, to  
12 consume toxic compounds or other water pollutants in impaired  
13 water, may help clean up these water quality limited segments;  
14 and

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16 WHEREAS, bioremediation has been in use in sewage treatment  
17 facilities, with micro-bacteria being used to consume and filter  
18 out pathogenic agents in effluent; and

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20 WHEREAS, one visible example of bioremediation in Hawaii is  
21 the use of native akulikuli plants placed on floating platforms  
22 in the Ala Wai canal to draw nitrogen, phosphorus, and algae  
23 from the polluted canal waters; and

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25 WHEREAS, the utilization of bioremediation avoids the  
26 introduction of additional chemical agents into the atmosphere;  
27 now, therefore,

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29 BE IT RESOLVED by the Senate of the Twenty-third  
30 Legislature of the State of Hawaii, Regular Session of 2006, the  
31 House of Representatives concurring, that the Department of  
32 Health is requested to include, as a priority in its best  
33 management practices and programs, the use of bioremediation



1 methods for the prevention and mitigation of point and non-point  
2 source pollution in state waters in instances where  
3 bioremediation methods will not substantially impede water flow;  
4 and

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6 BE IT FURTHER RESOLVED that a certified copy of this  
7 Concurrent Resolution be transmitted to the Director of Health.  
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