

MAR 15 2006

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



1 management practices and programs, the use of bioremediation
2 methods for the prevention and mitigation of point and non-point
3 source pollution in state waters; and

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

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OFFERED BY: Gay L. Hoan

