



## Legislation Text

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**File #:** 25613, **Version:** 1

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### **Title**

A Resolution approving plans and specifications and authorizing City Engineering to work with the University of Wisconsin, WDNR, City Parks, and Dane County to design, construct, monitor and maintain beach management systems at Bernie's Beach, BB Clarke Beach, Olin Beach, and Olbrich Beach or Warner Beach and Amending the 2012 Stormwater Utility Capital Budget to accept and provide funding for Olbrich Beach or Warner Beach through a Water Quality Grant from Dane County.

### **Body**

WHEREAS, the City of Madison is a signatory to a Memorandum of Understanding with the WDNR, DATCP, and Dane County acknowledging water quality problems at 5 beaches throughout the City; and

WHEREAS, beaches are most often closed due to high levels of potentially toxic blue green algae; and

WHEREAS, the water quality condition of beaches is affected by source area loading and then transport of substances to beach areas is achieved through lake processes; and

WHEREAS, the ultimate solution of improving water quality in the lakes is reducing the overall level of nutrients in the lakes and these efforts are the centerpiece of past and ongoing watershed management programs; and

WHEREAS, given the above, the suggestion was to improve the quality of the water immediately within the beach swimming area; and

WHEREAS, the method to complete this is to expand on the work successfully completed in 2010 at Bernies Beach and BB Clarke Beach, where deflectors were installed to deflect bacteria and blue green algae at beach areas; and

WHEREAS, deflectors shall be constructed at BB Clarke Beach, Olin Beach, and Olbrich Beach or Warner Beach and an enclosure with filtration/UV treatment to circulate swimming area water shall be constructed at Bernie's Beach; and

NOW, THEREFORE, BE IT RESOLVED that the plans and specifications are hereby approved and City Engineering is authorized to work with the WDNR, UW Madison, City Parks and Dane County to design, construct, monitor and maintain beach management systems at Bernie's Beach, BB Clarke Beach, Olin Beach, and Olbrich Beach or Warner Beach.

BE IT FURTHER RESOLVED that City Engineering, in cooperation with other agencies, shall construct, monitor, and maintain the four (4) types of beach management systems described above.

BE IT FINALLY RESOLVED, that the 2012 Stormwater Utility Capital Budget will amend budget authority to accept \$20,000 from Dane County as a beach water quality grant.

### **Fiscal Note**

This resolution amends the 2012 Stormwater Capital Budget for Project #23, Madison Beaches - Water Quality Management, by the addition of \$20,000 in grant funding from Dane County and the reduction in Reserves Applied for the same amount, for a beach management system at Olbrich Beach or Warner Beach.

ESTM-73310-810676-00-53W1432 - (\$20,000.00) (Increase County Grants)  
ESTM-79999-810676-00-0000000 - \$20,000.00 (Decrease Reserves Applied)

Budget authority is available in the following accounts:

ESTM-55510-563245-00-53W1076 - \$1,000.00 (Stormwater Operating - Lake Mgmt) (BB Clarke Supplies)  
ESTM-56770-563245-00-53W1076 - \$3,500.00 (Stormwater Operating - Lake Mgmt) (BB Clarke Testing)  
ESTM-55510-563245-00-53W1070 - \$4,000.00 (Stormwater Operating - Lake Mgmt) (Bernie's Supplies)  
ESTM-56770-563245-00-53W1070 - \$4,500.00 (Stormwater Operating - Lake Mgmt) (Bernie's Testing)  
ESTM-55510-563245-00-53W1431 - \$1,000.00 (Stormwater Operating - Lake Mgmt) (Olin Supplies)  
ESTM-56770-563245-00-53W1431 - \$3,500.00 (Stormwater Operating - Lake Mgmt) (Olin Testing)  
ESTM-55510-810676-00-53W1432 - \$11,500.00 (Madison Beaches) (Olbrich/Warner Supplies)  
ESTM-56770-810676-00-53W1432 - \$3,500.00 (Madison Beaches) (Olbrich/Warner Testing)  
ESTM-54901-810676-00-53W1432 - \$5,000.00 (Madison Beaches) (Olbrich/Warner LTE)