



Agenda No: 10.3
Meeting Date: Apr. 18/11

Environmental Services

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ENVIRONMENTAL SERVICES DEPARTMENT REPORT

For the Board April 18, 2011

TO: Chair & Members of the Regional Board
FROM: Chris Radford, Director of Environmental Services
DATE: April 12, 2011
SUBJECT: Community Works Fund - COW

RECOMMENDATION:

THAT the Regional Board approves a transfer of \$400,000 from the Gas Tax -Community Works Fund (COW) to provide asphalt recycling and associated water system control works.

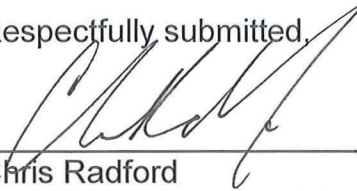
Background: The Upper Fintry /Valley of the Sun water system is progressing with construction of the pump facilities , award of the construction of distribution works and in the next few weeks advertisement/construction of the reservoir works. A majority of the works will include excavation of the road network in the area to install pipe works. This will include removing asphalt surfaces. There may be an opportunity to process and recycle this material for road base and in areas that currently require dust suppression. Benefits of the recycled material will offset the requirement to import aggregates utilized for road sub grades and chemicals required for dust suppression. This initiative will directly reduce Green House Gas Emissions (GHG) for the transportation required to haul materials. In 2010, the Waste Reduction Department coordinated the application of dust suppression on the Forest Service Road leading to the NW Waste Transfer Facility. With the application of recycled asphalt, the chemical previously utilized would no longer be required to control dust and subsequently improve air- quality.

System control works would be associated with online water quality field devices, 24 hour monitoring and alarming through the RDCO control system. This initiative provides water quality improvements associated with the Gas Tax criteria.

Conclusion: The utilization of the Community Works Funds will meet all of the Provincial requirements applicable to the funding *program*: reduced GHG, improved air quality and

improved water quality. Many goals of the Strategic Plan would also be realized through: improving community infrastructure, efficiency to maximize benefit and interaction between departments.

Respectfully submitted,



Chris Radford
Director Environmental Services