



**REPORT TO CORE AREA LIQUID WASTE MANAGEMENT COMMITTEE  
MEETING OF WEDNESDAY 25 FEBRUARY 2009**

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**SUBJECT      PROGRESS REPORT ON ACTIVITIES – SEWAGE TREATMENT PROJECT**

**PURPOSE**

To provide a progress report on activities on the sewage treatment project to the Core Area Liquid Waste Management Committee (CALWMC) at the last meeting of each month.

**Past Activities**

- completed planning funding agreement – awaiting signature
- completed biosolids/organics residual strategy evaluation and presentation to CALWMC
- completed first peer review workshop on 12-13 February; received presentation from Fidelis on integrated resource management and reviewed consulting team work to date
- received capital and operating costs as well as revenue generation from the consulting team for three strategies
- met with University of Victoria and Royal Roads University staff to discuss shared opportunities and memorandum of understanding
- met with Accommodation Real Estate Services (formerly BCBC) to discuss opportunities for the provincial government to use heat recovered from effluent
- completed terms of reference for business case analysis – Capital Regional District (CRD), Ernst & Young, Partnerships BC
- met with consulting team to review environmental assessment requirements for the CRD Liquid Waste Management Plan (LWMP)
- met with Ministry of Environment (MOE) staff and consulting team to review Environmental Impact Study - Stage 1 requirements
- met with Cadboro Bay Residents Association to discuss its issues and the public consultation process
- presented biosolids discussion paper and distributed wastewater management strategy and capital costs to CRD Technical and Community Advisory Committee
- met with the Department of National Defence to discuss potential opportunities at Macaulay/McLoughlin points
- established two memoranda of understanding with the province and the Songhees and Beecher Bay First Nations

**Current Activities**

- reviewing procurement process to select program manager consultant using a quality based selection
- environmental and social reviews are underway for sites in saanich east
- preparing public education advertisements
- preparing public consultation presentation material
- establishing planning funding agreement claims process
- consulting team is preparing triple bottom line analysis for the three strategies
- wastewater characterization program is underway
- peer review team assembling initial findings and preparing answers to questions approved by committee
- preparing allocation of system costs and revenue methods

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- preparing a report on alternative service delivery
- developing a memorandum of understanding with key stakeholders interested in using recovered resources or that have an interest in working together on wastewater priorities
- memorandum of understanding with Esquimalt First Nation is undergoing final review
- sessions with all three First Nations underway to gain information and advice on project

**Future Activities**

- report on LWMP amendments
- inflow and infiltration (I&I) bi-annual report to MOE
- report on I&I
- review and complete initial sustainability assessment framework
- peer review workshop #2 in March
- meet with Greater Victoria Harbour Authority
- establish date(s) for CALWMC workshop(s)
- meet with consulting team to review the Sustainability Assessment Framework analysis for each strategy
- present triple bottom line analysis for three strategies to CALWMC
- seek partnerships with memorandums of understanding
- attend UVic workshop on Opportunities for Integrated Energy Management
- discussions with federal government to ensure that a common understanding is developed on any federal consultation issues that may arise from the project

**RECOMMENDATION**

That the Core Area Liquid Waste Management Committee receive this report for information.

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Tony Brcic, PEng  
Project Manager, Core Area Wastewater Treatment

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Dwayne Kalynchuk, PEng  
Project Director, Core Area Wastewater Treatment  
Concurrence

TB:cl/jta

CORE AREA AND WEST SHORE WASTEWATER TREATMENT						
INTER-GOVERNMENTAL / BOARD / CALWMC / TCAC / PRT / SWAC / EC STRATEGIC DECISION MEETINGS						
February 19, 2009 3:51 PM						
COMMITTEE	DATE	REPORTS		DECISION	AGENDA ITEMS	
		Info	Staff			
CALWMC	Jan-07		SR	To Board	- Meet Peer Review Chair and Report to Finalize Questions	
			SR	To Board	- Decision on Saanich East Site	
			SR	To Board	- Report on Memorandum of Understanding with Esquimalt 1st Nation	
			SR	To Jan 28	- Report on Wastewater Treatment Characterization 2009 Program	
<b>PUBLIC PROCESS (PHASE 1) - START PUBLIC EDUCATION</b>						
BOARD	Jan-14		SR	Approved	- Meet Peer Review Chair and Report to Finalize Questions	
			SR	Approved	- Decision on Saanich East Site	
			SR	Approved	- Report on Memorandum of Understanding with Esquimalt 1st Nation	
TCAC	Jan-27	IR			- DP Identification and Evaluation of Resource Recovery Opportunities	
		IR			- Review Proposed Decision Making Process and Public Consultation	
		IR			- Review Public Education and Consultation Program	
CALWMC	Jan-28	IR			- Review Resource Recovery Opportunities DP and Decision Making Process	
			SR	To Feb 11	- Report on Wastewater Treatment Characterization 2009 Program	
		IR			- Review Public Education and Consultation Program	
				To Feb 11	- Report on Supplementary Peer Review Questions	
ICC	Feb-04				- Update	
CALWMC	Feb-11	IR			- Review Distributed Wastewater Management Strategies	
		IR			- Review Biosolids / Organics Residual Strategy	
			SR		- Report on Wastewater Treatment Characterization 2009 Program	
			SR		- Report on Supplementary Peer Review Questions	
PRT	Feb-12				- Review Project Background and Discussion Papers - Workshop #1	
PRT	Feb-13				- Review Optional Development Strategy and Details - Workshop #1	
BOARD	Feb-11					
SWAC	Feb-12					
TCAC	Feb-24	IR			- Report on Distributed Wastewater Management Strategies	
		IR			- Review Biosolids / Organics Residual Strategy	
		IR			- Report on Project Update	
					- Update on Wastewater Treatment Characterization 2009 Program	
					- Update on Supplementary Peer Review Questions	
CALWMC	Feb-25	IR			- Report on Distributed Wastewater Management Strategies	
		IR			- Report on Project Update	
<b>PUBLIC PROCESS (PHASE 2) - START PUBLIC CONSULTATION STRATEGIES</b>						
CALWMC	Mar-11	IR			- Review Peer Review Team Initial Findings	
		IR			- Review Allocation of System Costs and Revenue Methods	
BOARD	Mar-11					
SWAC	Mar-12		SR		- Review Draft Biosolids/Organics Residual Strategy Plan	
PRT	Mar-12				- Review of Peer Review Team Initial Findings - Workshop #2	
	Mar-13				- Review of Peer Review Team Initial Findings - Workshop #2	
ICC	Mar-17				- Update	
TCAC	Mar-24	IR			- Review Allocation of System Costs and Revenue Methods	
		IR			- Review Program Manager Consulting Services	
		IR			- Review Macaulay Point / McLoughlin Point WWTP Options	
		IR			- Review Peer Review Team Initial Findings	
		IR			- Report on Project Update	
		IR			- Report on I&I	
			SR		- Report on LWMP Amendments	
			SR		- I&I Bi-annual Report to MOE	
CALWMC	Mar-25	IR			- Report on Project Update	
		IR			- Report on I&I	
		IR			- Review Program Manager Consulting Services	
		IR			- Review Macaulay Point / McLoughlin Point WWTP Options	
			SR		- Report on LWMP Amendments	
			SR		- I&I Bi-annual Report to MOE	
CALWMC	Apr-08	IR			- Review and Complete Initial Sustainability Assessment Framework Analysis	
		IR			- Report on Alternative Service Delivery	
		IR			- Review Results of Public Consultation Process To Date	
BOARD	Apr-08		SR		- Report on LWMP Amendments	
			SR		- I&I Bi-annual Report to MOE	
TCAC	Apr-21	IR			- Review Results of Public Consultation	
		IR			- Review of Peer Review Team Report	
		IR			- Review and Complete Initial Sustainability Assessment Framework Analysis	
		IR			- Report on Project Update	
		IR			- Report on Alternative Service Delivery	

COMMITTEE	DATE	REPORTS		DECISION	AGENDA ITEMS
		Info	Staff		
CALWMC	Apr-22	IR			- Review Refined SAF Analysis and Select Strategy for Refinement
		IR			- Review Results of Public Consultation
		IR			- Review of Peer Review Team Report
		IR			- Report on Project Update
PRT	Apr-22				- Workshop #3
	Apr-23				- Workshop #3
CALWMC	May-13	IR			- Review Refined SAF for Selected Strategy
BOARD	May-13				
ICC	May-19				- Update
TCAC	May-26	IR			- Report on Project Update
		IR			- Review Refined SAF for Selected Strategy
		IR			- Report on System Strategy Final Summary Report
		IR			- Report on Mitigation Strategy
			SR		- Report on Program Manager Consulting Services
CALWMC	May-27	IR			- Report on System Strategy Final Summary Report
		IR			- Report on Project Update
		IR			- Report on Mitigation Strategy
			SR		- Report on Program Manager Consulting Services
<b>PUBLIC PROCESS (PHASE 3) - START PUBLIC CONSULTATIONS ON SPECIFIC SITES</b>					
CALWMC	Jun-10	IR			- Report on Biosolids/Organics Residual Strategy Plan
		IR			- Initiate Governance Strategy
			SR		- Report on June 30 Progress Report to Minister
BOARD	Jun-10				- Approve June 30 Progress Report to Minister
TCAC	Jun-23	IR			- Report on Project Update
		IR			- Report on Biosolids/Organics Residual Strategy Plan
		IR			- Initiate Governance Strategy
			SR		- Report on June 30 Progress Report to Minister
CALWMC	Jun-24	IR			- Report on Project Update
CALWMC	Jul-08	IR			- Review Key Cost Allocation Issues
	Jul-08	IR			- Review Terms of Reference - Technologies for Processing Organic Waste
BOARD	Jul-08				
ICC	Jul-21				- Update
TCAC	Jul-28	IR			- Report on Project Update
		IR			- Review Terms of Reference - Technologies for Processing Organic Waste
		PP			- Review Key Cost Allocation Issues
CALWMC	Jul-29	IR			- Report on Project Update
CALWMC	Aug-12	IR			- Review CWMA Terms of Reference - Solid Waste Management (V.I.)
BOARD	Aug-12				
TCAC	Aug-25	IR			- Report on Project Update
		IR			- Review CWMA Terms of Reference - Solid Waste Management (V.I.)
			SR		- Report on Collection of Green Waste
CALWMC	Aug-26		SR		- Report on Collection of Green Waste
		IR			- Report on Project Update
CALWMC	Sep-09	IR			- Review Governance Model
BOARD	Sep-09				
ICC	Sep-15				- Update
CALWMC	Sep-23	IR			- Report on Business Case & Procurement
		IR			- Report on Project Update
PROVINCE					- Progress Report # 3
					- Submission of LWMP Amendment to Minister
Legend:					
BOARD		CRD Board of Directors			
CALWMC		Core Area Liquid Waste Management Committee			
EC		Environment Committee			
ICC		Intergovernmental Coordinating Committee			
PROVINCE		Submission to the Minister of Environment British Columbia Government			
PRT		Peer Review Team (Panel)			
SWAC		Solid Waste Advisory Committee			
TCAC		Technical and Community Advisory Committee			