

**SUNSHINE COAST  
REGIONAL DISTRICT**

5477 Wharf Road  
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British Columbia  
Canada V0N 3A0

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November 26, 2002

Dear Property Owner:

**Re: SCRD Sewage Treatment Facilities – Public Information Meetings**

The Sunshine Coast Regional District will be holding public information meetings in regard to the operation and maintenance of your sewage treatment facility. Regional District staff will be presenting information as it relates to our 5-year operational plans, sewage rates and general information about the facility. This is your opportunity to provide feedback to Regional District staff regarding the management of these systems.

Public information meetings are scheduled as follows:

1. **Merrill Crescent, Greaves Road, Canoe Road and Lee Bay**
  - Monday, December 2, 2002 at 7:00 p.m.
  - Pender Harbour Community Hall, 12905 Madeira Park Road
2. **Curran Road, Jolly Roger, Secret Cove and Square Bay**
  - Tuesday, December 3, 2002 at 7:00 p.m.
  - Coopers Green Community Hall, 5500 Fisherman Road
3. **Langdale (YMCA), Sunnyside and Woodcreek Park**
  - Wednesday, December 4, 2002 at 7:00 p.m.
  - Frank West Community Hall, 1224 Chaster Road

For your information please find enclosed 5 year (+) operational plan, facility facts and treatment/effluent results (as applicable) for your facility.

Yours truly,

**SUNSHINE COAST REGIONAL DISTRICT**

A handwritten signature in black ink, appearing to read "Steve Lee".

Steve Lee, MBA, P.Eng.  
General Manager Infrastructure Services

Enclosures

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**Sunshine Coast Regional District**

	Actual 2001	2002	2003	2004	2005	2006	2007	2008
<b>Lee Bay Sewage Plant</b>								
<b>Revenues</b>								
User charges	7838	8,580	8,580	8,580	8,580	8,580	8,580	8,580
Charge Lots								
\$ 330 26								
Total Frontage Charges	10,850	10,900	10,900	10,900	10,900	10,900	10,900	10,900
\$ 100 109								
Other	457							
<b>Total Annual Revenue</b>	<b>19,145</b>	<b>19,480</b>	<b>19,480</b>	<b>19,480</b>	<b>19,480</b>	<b>19,480</b>	<b>19,480</b>	<b>19,480</b>
<b>Expenses</b>								
(Estimated Annual)								
Labour Costs	2,601	3,561	3,770	3,980	4,190	4,410	4,630	4,630
Hydro	1,377	2,200	2,250	2,300	2,350	2,400	2,450	2,450
Property Insurance	-	-	-	-	-	-	-	-
Maintenance Costs	2,341	5,200	5,250	6,800	5,400	5,500	7,100	2,500
Capital Expense - Pump Replacement	-	-	2,500	-	2,500	-	-	-
Admin Fees	1,566	1,008	1,267	1,203	1,328	1,132	1,534	1,534
<b>Total Expenses</b>	<b>7,885</b>	<b>11,969</b>	<b>15,037</b>	<b>14,283</b>	<b>15,768</b>	<b>13,442</b>	<b>18,214</b>	<b>18,214</b>
Surplus	4,476							
Revenue less Expenses	11,260	7,511	4,443	5,197	3,712	6,038	1,266	1,266
Interest @ 3%	-	472	712	866	1,048	1,191	1,408	1,408
	11,260	7,983	5,155	6,063	4,760	7,229	2,673	2,673
<b>Est Surplus(Deficit) Interest</b>	<b>15,736</b>	<b>\$23,719</b>	<b>\$28,874</b>	<b>\$34,937</b>	<b>\$39,697</b>	<b>\$46,925</b>	<b>\$49,599</b>	<b>\$49,599</b>
<b>Est Surplus(Deficit) No Interest</b>	<b>\$15,736</b>	<b>\$23,247</b>	<b>\$27,690</b>	<b>\$32,887</b>	<b>\$36,599</b>	<b>\$42,636</b>	<b>\$43,902</b>	<b>\$43,902</b>
Admin Charge	2002	2002						
16,455	178,892		9%					

## Sunshine Coast Regional District

### Fact Sheet for the Lee Bay Road Sewage Treatment Facility

#### Facility Info.

<b>Location</b>	Located at the intersection of Lee Bay Rd and Orca Bay Road
<b>Facility Installed by</b>	Developers- The Facility has had several upgrades to increase capacity and improve the quality of effluent.
<b>Date of Installation</b>	1979
<b>Type of Facility</b>	Trickling Filter followed by a Gravel Recirculating filter. Discharge to Disposal Field
<b>Min of W L A &amp; P Permit # Date issued</b>	PE - 5450
<b>Permitted Allowable Discharge</b>	135 m <sup>3</sup> per Day
<b>Permitted effluent quality BOD TSS</b>	45 mg/l 60 mg/l
<b>No. of Users on System at present</b>	26
<b>Potential Users ( Frontage Charges )</b>	109
<b>Date that the Facility and Operations Permit was turned over to the SCR D</b>	June 30, 1986

#### Effluent Quality

The SCR D is required under the permit to take samples of the wastewater treatment facility effluent every three months to ensure the facility is operating within the guidelines of the permit. Records for 2002 show the effluent quality has not exceeded the permit requirements.

#### Summary of Facility Condition and repairs

The facility has been completely rebuilt and a number of new components added over the past 5 years including a new disposal field and greatly extended collection system. The facility is not being utilized to its fullest capacity because of the low number of users on the system, flows are at 10 to 15 % of the maximum allowable. It follows that Maintenance costs and Labour to operate the facility is also low, most of the work is for maintaining components that are not being utilized at this time.

#### Collection System

No recent work/repairs have been required for 2002 or are scheduled in 2003 for the collection system.

Ministry of Environment

*Pollution Control Branch*

Date: April 2002 - September 2002

Permit #: 05450

Sample Location: Lee Bay W.W.T.P.

Date	Treated m <sup>3</sup> /day	BOD mg/L	TSS mg/L
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3-Apr	12.09		
10-Apr	7.17		
17-Apr	9.17		
24-Apr	9.17		

1-May	9.49		
14-May	8.16		
22-May	10.11		
29-May	9.17		

6-Jun	11.12		
14-Jun	5.93	12.0	6.0
18-Jun	11.86		
20-Jun	8.37		
27-Jun	11.16		

Date	Treated m <sup>3</sup> /day	BOD mg/L	TSS mg/L
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3-Jul	16.74		
9-Jul	14.88		
15-Jul	13.95		
17-Jul	11.16		

1-Aug	12.36		
7-Aug	17.21	21	13
12-Aug	16.18		
20-Aug	15.00		
27-Aug	12.75		

3-Sep	10.04		
12-Sep	12.40		
19-Sep	9.57		
24-Sep	8.37		
29-Sep	8.37		

Comments
