

Metro Vancouver Districts

2011 Financial Information



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Metro Vancouver Districts 2011 Financial Information

INDEX

2011 Budget Summaries (SECTION A)	Schedules
Metro Vancouver Districts Revenue and Expenditure Summary	A1
Operating Reserves	A2
Designated Reserves.....	A3
Proposed Application of Reserves	A4-A8
2011 Budget Assumptions	A9
Summary of Annual Municipal Levy, Water Sales & Other Charges.....	A10
2011 Program Budgets (SECTION B)	
▪ GREATER VANCOUVER REGIONAL DISTRICT	
Regional District Summary	B1
9-1-1 Emergency Telephone Service	B2
Air Quality	B3
General Government	B4
Labour Relations	B5
Regional Parks	B6-7
Strategic Planning	B8
West Nile Virus – Regional Integrated Prevention.....	B9
Electoral Areas	B10-11
Sasamat Volunteer Fire Department	B12
Regional Global Positioning System.....	B13
▪ GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT	
Liquid Waste.....	B14-16
Solid Waste	B17-20
▪ GREATER VANCOUVER WATER DISTRICT	
Water	B21-23
Estimate of Water Sales	B24
▪ METRO VANCOUVER HOUSING CORPORATION	
Housing	B25-26

Metro Vancouver Districts
2011 Financial Information

INDEX

2011 Program Budgets (SECTION B) – Continued

Schedules

▪ CORPORATE PROGRAMS

Corporate Program Summary.....	B27
Chief Administrative Office	B28
Corporate Relations.....	B29
Finance and Administration	B30
Human Resources.....	B31
Information Technology	B32
Other Corporate Programs.....	B33

▪ ALLOCATED PROGRAMS

Utility Administration and Support Program Summary.....	B34
Demand Reduction Program Summary.....	B35

2011 Budget Summaries

**METRO VANCOUVER DISTRICTS
REVENUE AND EXPENDITURE SUMMARY
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Metro Vancouver Housing Corporation	\$ 35,918,840	\$ 36,618,496	1.95%
Greater Vancouver Regional District			
9-1-1 Emergency Telephone Service	3,600,227	3,843,129	6.75%
Air Quality	5,718,319	6,340,744	10.88%
General Government	5,627,607	6,037,506	7.28%
Labour Relations	2,672,969	2,583,637	(3.34%)
Regional Parks	29,792,388	31,198,275	4.72%
Strategic Planning	2,523,028	8,804,962	248.98%
West Nile Virus	83,513	82,835	(0.81%)
Electoral Areas	376,570	347,677	(7.67%)
Sasamat Volunteer Fire Department	212,230	253,294	19.35%
	<u>50,606,851</u>	<u>59,492,059</u>	17.56%
Regional Global Positioning System	<u>568,505</u>	<u>806,877</u>	41.93%
Total Regional District	<u>51,175,356</u>	<u>60,298,936</u>	17.83%
Greater Vancouver Sewerage & Drainage District			
Liquid Waste	182,979,987	192,235,596	5.06%
Solid Waste	<u>99,810,665</u>	<u>95,272,487</u>	(4.55%)
Total Sewerage & Drainage District	<u>282,790,652</u>	<u>287,508,083</u>	1.67%
Greater Vancouver Water District	<u>200,515,494</u>	<u>223,203,485</u>	11.31%
TOTAL EXPENDITURES	<u>\$ 570,400,342</u>	<u>\$ 607,629,000</u>	6.53%

REVENUES			
GVRD Municipal Levy	\$ 41,755,456	\$ 44,032,520	5.45%
GVS&DD Levy	157,646,196	167,242,155	6.09%
Electoral Area Levy	261,581	240,808	(7.94%)
GPS User Fees	548,505	554,877	1.16%
User Fees	124,269,989	123,572,309	(0.56%)
Water Sales	196,326,592	218,736,335	11.41%
Transfer from DCC Reserves	8,309,868	8,307,167	(0.03%)
BOD/TSS Industrial Charges	7,246,004	7,329,812	1.16%
Other External Revenues	26,059,826	32,609,102	25.13%
Other Funds / Reserves / Surplus	12,136,216	13,406,875	10.47%
Solid Waste Net (Income) Loss	(3,921,385)	(8,291,557)	111.44%
Housing Net (Income) Loss	<u>(238,506)</u>	<u>(111,403)</u>	(53.29%)
TOTAL REVENUES	<u>\$ 570,400,342</u>	<u>\$ 607,629,000</u>	6.53%

METRO VANCOUVER DISTRICTS
2011 Budget
Operating Reserves
Summary by District

	Final 2010 Surplus (Deficit)	Final 2010 Reserves	2011 Proposed Application	2011 Provisions/ Prior Approved Applications/ Transfers/ Interest	2011 Carry- forwards	2011 Projected Reserves	Required Under Guideline	Unspecified Reserves
GVRD								
General Functions								
General Government	\$ 1,062,920	\$ 1,684,123	\$ (1,024,430)	\$ (321,813)	\$ (56,500)	\$ 281,380	\$ 281,380	-
Air Quality	378,432	661,285	(380,975)	5,606	-	285,916	285,916	-
Global Positioning System	137,813	430,707	(232,000)	3,974	-	202,681	28,425	174,256 (2)
Labour Relations	466,636	1,847,517	(422,000)	28,511	-	1,454,028	133,648	1,320,380 (1)
Regional Parks	355,659	1,480,449	(392,331)	21,762	-	1,109,880	1,109,880	-
Strategic planning	313,402	560,724	(407,639)	10,466	(37,400)	126,151	126,151	-
West Nile Virus	25,356	213,043	-	4,261	-	217,304	4,176	213,128 (1)
911 Telephone	(125,454)	338,804	-	6,776	-	345,580	180,011	165,569 (2)
Sub-total GVRD	\$ 2,614,764	7,216,652	(2,859,375)	(240,457)	(93,900)	\$ 4,022,920	\$ 2,149,587	\$ 1,873,333
GVS & DD								
Solid Waste	121,517	(1,038,767)	-	8,209,581	(175,975)	6,994,839	9,362,654	(2,367,815) (3)
Liquid Waste								
Fraser Area	4,134,110	9,793,375	(3,292,522)	(797,983)	(500,000)	5,202,870	5,202,870	-
Lulu Island Area	1,691,022	3,642,693	(2,391,817)	25,018	-	1,275,894	1,275,894	-
North Shore Area	2,456,369	3,625,161	(2,193,783)	26,808	(91,000)	1,367,186	1,367,186	-
Vancouver Area	1,681,924	4,587,192	(1,216,277)	63,558	(193,000)	3,241,473	3,241,473	-
Drainage Areas	777,865	2,955,460	-	(406,506)	(330,750)	2,218,204	198,298	2,019,906 (2)
Sub-total Liquid Waste	10,741,290	24,603,881	(9,094,398)	(1,089,105)	(1,114,750)	13,305,627	11,285,721	2,019,906
Sub-total GVS & DD	\$ 10,862,807	23,565,114	(9,094,398)	7,120,476	(1,290,725)	\$ 20,300,466	\$ 20,648,375	\$ (347,909)
GVWD	\$ 9,478,146	21,707,639	(8,210,137)	269,950	(694,000)	\$ 13,073,452	\$ 13,073,452	-
TOTAL	\$ 22,955,717	\$ 52,489,405	\$ (20,163,910)	\$ 7,149,969	\$ (2,078,625)	\$ 37,396,838	\$ 35,871,414	\$ 1,525,424

- (1) The application of unspecified reserves will be phased in over future years.
- (2) Unspecified reserves will be used to fund future capital / equipment purchases as required or will be phased in over future years.
- (3) Shortfall in minimum reserves to be funded by the 2012 tipping fee.

METRO VANCOUVER DISTRICTS
2011 Budget
Designated Reserves
Summary by District

	Actual 2010 Reserves	Proposed Application	Approved Applications/ Transfers/ Interest	Projected 2011 Reserves
MVHC				
Property Surplus Reserve				
Section 27 Property Surplus Reserve	\$ 1,004,800	\$ -	\$ 270,385	\$ 1,275,185
Section 95 Property Surplus Reserve	1,533,891	-	18,438	1,552,329
Homes BC Property Surplus Reserve	(527,786)	(251,349)	779,135	-
Capital Replacement Reserve				
Section 27 Capital Replacement Reserve	4,995,669	(1,258,943)	154,931	3,891,657
Section 95 Capital Replacement Reserve	5,111,885	(3,652,662)	1,740,765	3,199,988
Seniors Capital Replacement Reserve	139,632	(122,086)	35,242	52,788
Homes BC Capital Replacement Reserve	3,475,608	(231,947)	184,634	3,428,295
Section 95 Water Ingress Repairs	2,910,954	(1,150,000)	(97,317)	1,663,637
Capital Reserve	3,698,091	(879,423)	(814,252)	2,004,416
TOTAL MVHC	22,342,744	(7,546,410)	2,271,961	\$ 17,068,295
GVRD				
Sasamat Volunteer Fire Dept	619,393	(47,300)	43,560	615,653
Air Quality Equipment Fund	2,902,137	(766,241)	427,503	2,563,399
Future Sustainability Reserve	194,305	(142,000)	412,761	465,066
Regional District Sustainability Innovation Fund	8,454,478	-	1,697,654	10,152,132
Cultural Grant Reserves	2,481,897	(100,000)	47,638	2,429,535
Asset Replacement Reserve	7,034,220	-	140,685	7,174,905
Self Insurance Fund	2,384,779	-	401,196	2,785,975
Other Regional Reserves	2,619,721	(23,475)	51,925	2,648,171
Parks Reserves				
Heritage Parkland Acquisition Fund	3,900,253	(5,000,000)	2,759,643	1,659,896
Capital Replacement Fund	799,134	(1,648,300)	1,236,952	387,786
Basic Facilities Reserve	1,229,901	(3,763,000)	2,587,287	54,188
Other Parks Reserves	727,196	(51,700)	457,003	1,132,499
Allocated Cost Centres				
Corporate Programs	20,673,507	(4,877,035)	(4,125,462)	11,671,010
TOTAL GVRD	54,020,921	(16,419,051)	6,138,345	\$ 43,740,215
GVS & DD				
Solid Waste				
Flyash Provision	3,454,639	-	(1,738,373)	1,716,266
Waste-to-Energy R&D Reserve	4,091,898	(650,000)	380,928	3,822,826
Post Closure Fund	2,228,336	-	10,567	2,238,903
Solid Waste Sustainability Innovation Fund	10,468,723	-	1,837,494	12,306,217
	20,243,596	(650,000)	490,616	20,084,212
Liquid Waste				
Lions Gate contingency	1,213,219	-	24,264	1,237,483
Security enhancements	600,090	-	(600,090)	-
Sewerage & Drainage Sustainability Innovation Fund	7,357,705	-	1,285,423	8,643,128
Biosolids Inventory Reserves	8,171,170	(1,850,000)	1,401,801	7,722,971
DCC Reserves	9,328,716	-	186,574	9,515,290
	26,670,900	(1,850,000)	2,297,972	27,118,872
GVS & DD Equipment Fund				
Solid Waste Equipment Fund	7,185,629	(2,800,000)	2,101,470	6,487,099
Liquid Waste Equipment Fund	5,141,495	-	-	5,141,495
	12,327,124	(2,800,000)	2,101,470	11,628,594
TOTAL GVS & DD	59,241,620	(5,300,000)	4,890,058	\$ 58,831,678
GVWD				
Office Building - Capital	1,571,321	(479,000)	(537,690)	554,631
Water Sustainability Innovation Fund	4,699,665	-	824,223	5,523,888
Security enhancements	16,890	-	(16,890)	-
Laboratory Equipment	101,521	(115,000)	99,860	86,381
TOTAL GVWD	6,389,397	(594,000)	369,503	\$ 6,164,900
TOTAL	\$ 141,994,682	\$ (29,859,461)	\$ 13,669,867	\$ 125,805,088

METRO VANCOUVER DISTRICTS**2011 Budget - Proposed Application of Reserves (As Approved by the Board in October 2010 and April 2011)**

Function	Application	Operating Reserves	Designated Reserves
MVHC			
	Fund Property Portfolio Activities	\$	\$ 251,349
	Fund Capital Replacement & Water Ingress activities		6,415,638
	Fund MVHC Property Portfolio, Capital Replacement activities & Other items		879,423
GVRD			
Parks	Fund Heritage Parkland Acquisitions		5,000,000
	Fund Capital Replacement Projects		1,648,300
	Fund Basic Facilities Projects		3,763,000
	Fund Capital Maintenance Work at Delta Heritage Airpark		51,700
	Fund Filming Consulting Project	20,000	
	Fund Aldergrove Park Management Plan	100,000	
	Contribution to Heritage Parkland Acquisition Fund Reserve	204,592	
	Fund Belcarra Park New Water Hook-up Cost	67,739	
General Government	Fund Cultural grants		100,000
	Contribution to Regional District Sustainability Innovation Fund	1,024,430	
Labour Relations	Application of Excess Reserves	422,000	
Human Resources	Fund legal costs		140,000
Information Technology	Fund software development projects		2,000,000
	Fund computer replacements		1,442,035
	Fund licence renewals		450,000
Building Operations	Head Office building renovations - 4330 Kingsway and 5945 Kathleen Ave		479,000
	Fund BC Hydro Optimization program work - 4330 Kingsway		80,000
	Fund system furniture - 4330 Kingsway and 5945 Kathleen Ave		385,000
	Fund parkade / loading bay repair project - 4330 Kingsway		380,000
Electoral Areas	2011 election expense		23,475
Air Quality	Fund Equipment Purchases		462,560
	Fund Regulatory Enforcement Integrated Application (REIA) system development project		303,681
	Contribution to Air Quality Equipment Fund - equipment purchases	380,975	
Strategic Planning	Application of Excess Reserves		142,000
	Fund Future Sustainability Reserve	407,639	
Sasamat Volunteer Fire Department	Fund Systems implementation project		47,300
Global Positioning System	Fund Equipment purchases	232,000	
GVWD			
	Lab equipment purchases		115,000
	Fund Capital / Reduce debt or paydown existing debt	8,210,137	
GVS & DD			
Solid Waste	Fund Environmental Improvement Projects		650,000
	Fund Equipment Purchases		2,800,000
Sewerage & Drainage	Fund Movement of Biosolids from prior years' stockpiles at Iona		1,850,000
	Fund Regulatory Enforcement Integrated Application (REIA) system development project	151,841	
	Fund Capital / Reduce debt or paydown existing debt	8,942,557	
TOTAL RESERVE APPLICATION		\$ 20,163,910	\$ 29,859,461

GREATER VANCOUVER DISTRICTS**2011 Budget - Reserve Applications - Projects Carried Forward from 2010 (As Approved by the Board in April 2011)**

Function	Application	Operating Reserves
GVRD		
General Government	Complete Integrated Partnership for Regional Emergency Management (IPREM) project work (1)	\$ 56,500
Strategic Planning	Complete Rental Housing Inventory and Risk Analysis (2)	37,400
GVS & DD		
Solid Waste	Complete East Fraserlands District Energy - Burnaby WTEF Heat Extraction Pre-Design (3)	175,975
Sewerage & Drainage	Complete Fraser Sewerage Area / Port Moody-Coquitlam Drainage Area Easement Acquisitions (4)	700,750
	Complete Iona Island Wastewater Treatment Plant IPS Building Roof Replacement Project (5)	193,000
	Complete Port Moody/Coquitlam Drainage Area - Ottley Creek Debris Basin Construction (6)	130,000
	Complete Lions Gate Wastewater Treatment Plant Diesel Storage Tank Modification (7)	91,000
GVWD		
	Complete Tilbury Junction Chamber valve automation and pipe upgrade work (8)	195,000
	Complete SCFP Backwash Clarifier Influent Box C2 and Clearwell Transfer Valves project work (9)	344,000
	Complete Coquitlam Ozone facility Heated Enclosure for LOX Vaporizer project work (10)	155,000
TOTAL		\$2,078,625

Note: This schedule represents projects budgeted/planned for but not completed in 2010 and requiring Board approval for the carryforward of funding to complete the projects in 2011.

- (1) Funding to complete the re-scheduled IPREM Regional Exercises and Critical Infrastructure (CI) Assurance and Emergency Communications Strategy meetings
- (2) Funding to complete Inventory and Risk Analysis of the Purpose Built Rental Housing Stock in Metro Vancouver
- (3) Funding to complete East Fraserlands District Energy Project Pre-Design - Burnaby Waste-to-Energy Facility
- (4) Funding to complete the purchases of Statutory Right-of-Ways under negotiation and consideration.
- (5) Funding to complete the design and construction of the Iona WWTP IPS Roof membrane replacement.
- (6) Funding to complete the design and construction of the Ottley Creek debris and sediment basin.
- (7) Funding to complete the construction and installation of Lions Gate WWTP diesel storage tank modifications.
- (8) Funding to complete the required valve automation and pipe upgrade work for the Tilbury Junction Chamber.
- (9) Funding to complete modification/installation work for SCFP Backwash Clarifier Box/Clearwell Transfer Valves.
- (10) Funding to complete the design and construction of a heated enclosure for vaporizer at Coquitlam Ozone facility.

GREATER VANCOUVER DISTRICTS**2011 Budget - Reserve Applications - Carried Forward from 2010 or Other Applications (Items Previously Approved by the Board)**

Function	Application	Operating Reserves	Designated Reserves
MVHC	Fund mortgage payout for Le Chateau Place (1)		172,371
GVRD			
Building Operations	Deferred building maintenance and renovations - 4330 Kingsway		654,905
	Deferred building maintenance and renovations - 5945 Kathleen Ave		843,828
	Deferred parkade / loading bay repair project - 4330 Kingsway		233,374
	Deferred system furniture - 4330 Kingsway / 5945 Kathleen Ave		128,290
General Government	East Clayton Pilot Project	60,000	
	Sustainability Enterprise Funding projects	20,000	
	Complete Integrated Partnership for Regional Emergency Management (IPREM) project work	135,300	
	CRTC Appeal	138,657	
Information Technology	Complete Applications project work, deferred desktop purchases, other solutions		3,425,610
Corporate Relations	Complete construction of Multi-Media center re funding for production / communication equipment		95,000
Public Consultation & Community Relations	Complete consultation work on the Liquid Waste and Solid Waste Management Plans		84,212
GVWD	Fund security enhancements		17,228
GVS & DD			
Solid Waste	Closure of Flyash Cell		2,625,466
Sewerage & Drainage	Complete Fraser Sewerage Area Easement Acquisition	900,000	
	Complete Drainage Area Still Creek / Brunette Rehabilitation capital project	200,000	
	Complete Drainage Area Port Moody/Coquitlam Integrated Stormwater Management capital project	250,000	
	Fund security enhancements		612,091
TOTAL		\$1,703,957	\$8,892,375

(1) Previously approved. Report to MVHC Board March 11, 2011

GREATER VANCOUVER DISTRICTS**2011 Budget - Proposed Application of Reserves - Additional Items (As Approved by the Board in April 2011)**

Function	Application	Operating Reserves	Designated Reserves
GVRD			
Air Quality	Contribution to Air Quality Equipment Fund (2)	\$ 380,975	\$
Parks	Contribution to Heritage Parkland Acquisition Fund Reserve (2)	204,592	
General Government	Contribution to Regional District Sustainability Innovation Fund (2)	831,438	
Building Operations	Fund parkade / loading bay repair project - 4330 Kingsway (1)		380,000
Strategic Planning	Funding for future sustainability initiatives to be applied in 2012 (2)	109,289	
GVS & DD			
Sewerage & Drainage	Fund Capital / Reduce debt or paydown existing debt (2)	1,614,384	
TOTAL RESERVE APPLICATION		\$ 3,140,678	\$ 380,000

(1) Serious structural deficiency between 4330 Kingsway and 5945 Kathleen buildings

(2) Unspecified operating reserves for future expenditures

GREATER VANCOUVER DISTRICTS***Application of Reserves - Required for 2010 Deficit (As Approved by the Board in April 2011)***

Function	Application	Operating Reserves
GVRD		
911 Telephone	Fund deficit from operating reserve (1)	(\$125,454)
TOTAL		(\$125,454)

(1) Higher than expected E-Comm contract fees.

METRO VANCOUVER DISTRICTS
2011 Budget Assumptions

Interest Rate Assumptions:

Long term borrowing	5.00%
Short term borrowing	3.50%
Short term investing	2.00%

Long Term Debt Amortization:

15 years for GVS&DD and GVWD
20 years for GVRD existing debt

Growth:

Approx. 1.5% per annum

METRO VANCOUVER DISTRICTS
2011 Summary of Annual Municipal Levy, Water Sales & Other Charges

	Municipal Levy				Water Sales		Other	
	Regional District	% CHNG OVER 2010	Liquid Waste	% CHNG OVER 2010	Water District	% CHNG OVER 2010	GPS User Fees	% CHNG OVER 2010
Abbotsford	906,496	3.3%	-	-	-	-	-	-
Anmore	171,841	4.1%	-	-	-	-	522	1.0%
Belcarra	94,586	(3.6%)	-	-	-	-	165	(1.8%)
Bowen Island	101,899	(3.4%)	-	-	-	-	872	(2.1%)
Burnaby	3,979,958	0.2%	17,453,636	10.0%	22,167,431	11.8%	53,819	1.2%
Coquitlam	1,897,947	4.7%	8,980,934	14.7%	10,225,089	10.8%	29,763	0.6%
Delta	1,804,797	3.7%	5,579,037	13.8%	14,206,286	9.8%	24,123	(0.5%)
Langley, City	379,400	(0.4%)	1,536,188	3.7%	2,369,334	11.0%	6,166	(0.2%)
Langley, Township	1,767,494	0.7%	3,685,650	7.2%	3,058,587	23.5%	24,945	1.0%
Lions Bay	41,426	(0.3%)	-	-	-	-	338	(0.6%)
Maple Ridge	903,678	2.1%	5,191,098	5.3%	7,102,981	14.8%	18,129	0.6%
New Westminister	859,980	5.4%	4,854,776	2.4%	4,468,009	17.6%	15,705	1.1%
North Vancouver, City	990,530	4.1%	4,578,766	6.0%	3,810,686	26.1%	11,808	1.5%
North Vancouver, District	1,739,718	3.9%	7,906,660	5.8%	8,650,415	13.6%	20,949	(0.1%)
Pitt Meadows	227,798	0.9%	1,228,399	4.8%	2,223,598	8.3%	4,328	2.0%
Port Coquitlam	772,477	5.7%	4,361,883	4.1%	5,706,762	11.4%	13,635	0.7%
Port Moody	492,379	2.2%	2,490,729	2.0%	2,808,600	11.5%	7,971	3.6%
Richmond	3,956,285	8.7%	17,263,931	3.9%	20,881,620	10.0%	46,682	1.3%
Surrey	5,546,366	4.6%	27,115,931	2.5%	41,145,695	11.4%	107,870	2.0%
Tsawwassen First Nation	8,680	(11.3%)	-	-	-	-	163	(1.2%)
Vancouver	15,065,284	8.1%	46,851,319	6.2%	62,855,915	9.9%	150,482	1.2%
West Vancouver	1,691,063	8.6%	5,343,903	5.5%	2,355,397	5.8%	10,461	0.2%
White Rock	330,006	1.5%	1,153,832	6.3%	-	-	4,614	0.6%
Electoral Area A	543,240	2.9%	1,665,483	7.6%	-	-	1,367	1.3%
Sub-total	44,273,328	5.4%	167,242,155	6.1%	214,036,405	11.3%	554,877	1.2%
Non-members	-	-	-	-	4,699,930	15.4%	-	-
TOTAL	44,273,328	5.4%	167,242,155	6.1%	218,736,335	11.4%	554,877	1.2%

2011 Program Budgets

**METRO VANCOUVER DISTRICTS
REVENUE & EXPENDITURE SUMMARY
REGIONAL DISTRICT SUMMARY
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Greater Vancouver Regional District			
9-1-1 Emergency Telephone Service	\$ 3,600,227	\$ 3,843,129	6.75%
Air Quality	5,718,319	6,340,744	10.88%
General Government	5,627,607	6,037,506	7.28%
Labour Relations	2,672,969	2,583,637	(3.34%)
Regional Parks	29,792,388	31,198,275	4.72%
Strategic Planning	2,523,028	8,804,962	248.98%
West Nile Virus	83,513	82,835	(0.81%)
Electoral Areas	376,570	347,677	(7.67%)
Sasamat Volunteer Fire Department	212,230	253,294	19.35%
	<u>50,606,851</u>	<u>59,492,059</u>	17.56%
Regional Global Positioning System	<u>568,505</u>	<u>806,877</u>	41.93%
TOTAL EXPENDITURES	<u>\$ 51,175,356</u>	<u>\$ 60,298,936</u>	17.83%

REVENUES			
GVRD Municipal Levy	\$ 41,755,456	\$ 44,032,520	5.45%
Electoral Area Levy	261,581	240,808	(7.94%)
GPS User Fees	548,505	554,877	1.16%
User Fees	2,696,298	2,975,231	10.35%
Other External Revenues	4,573,008	9,878,427	116.02%
Other Funds / Reserves / Surplus	1,340,508	2,617,073	95.23%
TOTAL REVENUES	<u>\$ 51,175,356</u>	<u>\$ 60,298,936</u>	17.83%

**GREATER VANCOUVER REGIONAL DISTRICT
911 EMERGENCY TELEPHONE SERVICE
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Program:			
9-1-1 Emergency Telephone Service	\$ 3,529,634	3,767,774	6.75%
Allocated Program:			
Corporate Allocation	<u>70,593</u>	<u>75,355</u>	6.75%
TOTAL EXPENDITURES	<u>\$ 3,600,227</u>	<u>\$ 3,843,129</u>	6.75%

REVENUES			
GVRD Municipal Levy	\$ 3,488,227	\$ 3,781,129	8.40%
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	62,000	62,000	0.00%
Other Funds / Reserves / Surplus	<u>50,000</u>	<u>-</u>	(100.00%)
TOTAL REVENUES	<u>\$ 3,600,227</u>	<u>\$ 3,843,129</u>	6.75%

**GREATER VANCOUVER REGIONAL DISTRICT
AIR QUALITY
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Air Quality Policy and Management	\$ 937,453	\$ 631,370	(32.65%)
Air Quality Data and Assessment	581,843	601,143	3.32%
Air Quality Regulation	1,233,588	1,538,967	24.76%
Air Sampling and Investigation	482,962	357,205	(26.04%)
Air Emissions Reduction	78,217	78,757	0.69%
Ambient Air Quality	1,544,540	1,783,395	15.46%
Climate Change Policy and Management	-	511,547	100.00%
Subtotal Operating Programs	<u>4,858,603</u>	<u>5,502,384</u>	13.25%
Allocated Programs:			
Corporate Allocation	507,936	530,094	4.36%
Utility Administration and Support Allocation	347,727	308,266	(11.35%)
Demand Reduction Program Allocation	4,053	-	(100.00%)
Subtotal Allocated Programs	<u>859,716</u>	<u>838,360</u>	(2.48%)
TOTAL EXPENDITURES	<u>\$ 5,718,319</u>	<u>\$ 6,340,744</u>	10.88%

REVENUES			
GVRD Municipal Levy	\$ 3,419,273	\$ 3,091,261	(9.59%)
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	1,600,000	1,900,000	18.75%
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	438,132	526,277	20.12%
Other Funds / Reserves / Surplus	260,914	823,206	215.51%
TOTAL REVENUES	<u>\$ 5,718,319</u>	<u>\$ 6,340,744</u>	10.88%

**GREATER VANCOUVER REGIONAL DISTRICT
GENERAL GOVERNMENT
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Audit, Legal & Insurance	\$ 100,803	\$ 112,803	11.90%
Board & Committees	1,833,068	1,808,818	(1.32%)
External Contributions	1,286,375	1,269,736	(1.29%)
Information & Privacy	43,665	45,235	3.60%
International Engagement	-	295,089	100.00%
Regional Emergency Management	435,300	491,800	12.98%
Mosquito Control Contract	130,000	130,000	0.00%
Pan-Municipal Affairs	158,262	134,580	(14.96%)
Regional Cultural Strategy	69,255	25,000	(63.90%)
Secretary's Office	657,017	692,385	5.38%
Subtotal Operating Programs	<u>4,713,745</u>	<u>5,005,446</u>	6.19%
Contribution to Regional District Sustainability Fund	<u>399,000</u>	<u>489,000</u>	22.56%
Allocated Program:			
Corporate Allocation	<u>514,862</u>	<u>543,060</u>	5.48%
TOTAL EXPENDITURES	<u>\$ 5,627,607</u>	<u>\$ 6,037,506</u>	7.28%

REVENUES			
GVRD Municipal Levy	\$ 4,078,815	\$ 4,422,502	8.43%
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	1,264,457	1,264,846	0.03%
Other Funds / Reserves / Surplus	<u>284,335</u>	<u>350,158</u>	23.15%
TOTAL REVENUES	<u>\$ 5,627,607</u>	<u>\$ 6,037,506</u>	7.28%

**GREATER VANCOUVER REGIONAL DISTRICT
LABOUR RELATIONS
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Labour Relations - Administration	381,183	377,778	(0.89%)
Labour Relations - Collective Bargaining	777,148	918,660	18.21%
Labour Relations - Compensation Services	789,702	713,205	(9.69%)
Labour Relations - Member Services	186,523	37,000	(80.16%)
Labour Relations - Research	282,651	293,386	3.80%
Subtotal Operating Programs	<u>2,417,207</u>	<u>2,340,029</u>	(3.19%)
Allocated Program:			
Corporate Allocation	<u>255,762</u>	<u>243,608</u>	(4.75%)
TOTAL EXPENDITURES	<u>\$ 2,672,969</u>	<u>\$ 2,583,637</u>	(3.34%)

REVENUES			
GVRD Municipal Levy	\$ 2,181,415	\$ 1,923,291	(11.83%)
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	207,202	210,005	1.35%
Other Funds / Reserves / Surplus	<u>284,352</u>	<u>450,341</u>	58.37%
TOTAL REVENUES	<u>\$ 2,672,969</u>	<u>\$ 2,583,637</u>	(3.34%)

**GREATER VANCOUVER REGIONAL DISTRICT
REGIONAL PARKS
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Parks - Head Office Administration	\$ 319,503	\$ 332,134	3.95%
Parks - Area Administration	1,597,024	1,642,993	2.88%
Parks - Area Planning	577,684	538,977	(6.70%)
Parks - Area Resource Management	400,656	411,772	2.77%
Parks - Department Services	224,145	219,002	(2.29%)
Parks - Engineering Services	1,028,925	687,032	(33.23%)
Parks - Operations & Maintenance	9,405,663	10,270,898	9.20%
Parks - Burns Bog Ecological Conservancy Area	185,995	239,976	29.02%
Parks - Operations Services	1,612,647	1,565,796	(2.91%)
Parks - Partnerships	419,503	432,420	3.08%
Parks - Planning & Research	882,542	1,179,149	33.61%
Parks - Rental Program	503,042	453,588	(9.83%)
Parks - Revenue Generation	288,244	290,958	0.94%
Parks - Visitor Services	1,695,957	1,756,540	3.57%
Subtotal Operating Programs	<u>19,141,530</u>	<u>20,021,235</u>	4.60%
Debt Program	<u>1,152,324</u>	<u>1,148,562</u>	(0.33%)
Provision for Capital	<u>6,442,474</u>	<u>6,867,735</u>	6.60%
Utility Allocated Program:			
Parks - Quality Control	<u>126,515</u>	<u>132,575</u>	4.79%
Allocated Programs:			
Corporate Allocation	2,869,545	2,945,580	2.65%
Utility Administration and Support Allocation	60,000	82,588	37.65%
Subtotal Allocated Programs	<u>2,929,545</u>	<u>3,028,168</u>	3.37%
TOTAL EXPENDITURES	<u>\$ 29,792,388</u>	<u>\$ 31,198,275</u>	4.72%

REVENUES			
GVRD Municipal Levy	\$ 25,894,281	\$ 28,193,197	8.88%
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	1,086,298	1,053,291	(3.04%)
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	2,437,099	1,466,537	(39.82%)
Other Funds / Reserves / Surplus	<u>374,710</u>	<u>485,250</u>	29.50%
TOTAL REVENUES	<u>\$ 29,792,388</u>	<u>\$ 31,198,275</u>	4.72%

**GREATER VANCOUVER REGIONAL DISTRICT
CAPITAL PROGRAMS & PROJECT DETAILS
REGIONAL PARKS
2011 BUDGET**

**2011
CAPITAL
EXPENDITURES**

CAPITAL EXPENDITURES

Basic Capital Improvements		
Boundary Bay - Centennial Beach	\$	2,500,000
Colony Farm		190,000
Lower Fraser River Corridor		550,000
Small Basic Facilities projects		523,000
		<u>3,763,000</u>
Capital Replacement Projects	\$	<u>1,700,000</u>
Heritage Parkland Acquisition Fund	\$	<u>5,000,000</u>
TOTAL CAPITAL EXPENDITURES	\$	<u><u>10,463,000</u></u>

CAPITAL FUNDING SOURCES

Reserves	\$	10,463,000
Grants		-
Contribution to Capital		-
Debt Financing		-
		<u>-</u>
TOTAL CAPITAL FUNDING SOURCES	\$	<u><u>10,463,000</u></u>

**GREATER VANCOUVER REGIONAL DISTRICT
STRATEGIC PLANNING
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Agriculture Policy and Planning	\$ 156,083	\$ 182,562	16.96%
Environment	217,611	194,657	(10.55%)
Growth Management	926,160	968,104	4.53%
Homelessness Task Force Secretariat	122,343	6,313,161	5060.21%
Housing Policy and Planning	191,955	201,913	5.19%
Regional Development Data, Forecasting & Monitoring	332,662	344,718	3.62%
Subtotal Operating Programs	<u>1,946,814</u>	<u>8,205,115</u>	321.46%
Allocated Programs:			
Corporate Allocation	223,329	212,406	(4.89%)
Utility Administration and Support Allocation	352,885	387,441	9.79%
Subtotal Allocated Programs	<u>576,214</u>	<u>599,847</u>	4.10%
TOTAL EXPENDITURES	<u>\$ 2,523,028</u>	<u>\$ 8,804,962</u>	248.98%

REVENUES			
GVRD Municipal Levy	\$ 2,317,255	\$ 2,285,249	(1.38%)
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	132,513	6,317,488	4667.45%
Other Funds / Reserves / Surplus	73,260	202,225	176.04%
TOTAL REVENUES	<u>\$ 2,523,028</u>	<u>\$ 8,804,962</u>	248.98%

**GREATER VANCOUVER REGIONAL DISTRICT
WEST NILE VIRUS - REGIONAL INTEGRATED PREVENTION
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Program:			
WNV - Regional Integrated Prevention	\$ 73,149	\$ 74,853	2.33%
Allocated Program:			
Corporate Allocation	<u>10,364</u>	<u>7,982</u>	(22.98%)
TOTAL EXPENDITURES	<u>\$ 83,513</u>	<u>\$ 82,835</u>	(0.81%)

REVENUES			
GVRD Municipal Levy	\$ 83,513	\$ 82,835	(0.81%)
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	-	-	
Other Funds / Reserves / Surplus	<u>-</u>	<u>-</u>	
TOTAL REVENUES	<u>\$ 83,513</u>	<u>\$ 82,835</u>	(0.81%)

**GREATER VANCOUVER REGIONAL DISTRICT
ELECTORAL AREAS
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Program:			
Electoral Area Services	\$ 265,958	\$ 247,289	(7.02%)
Allocated Programs:			
Corporate Allocation	42,903	41,234	(3.89%)
Utility Administration and Support Allocation	67,709	59,154	(12.63%)
Subtotal Allocated Programs	110,612	100,388	(9.24%)
TOTAL EXPENDITURES	\$ 376,570	\$ 347,677	(7.67%)

REVENUES			
GVRD Municipal Levy	\$ 100,647	\$ 57,062	(43.30%)
GVS&DD Levy	-	-	
Electoral Areas Levy	261,581	240,808	(7.94%)
User Fees	10,000	21,940	119.40%
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	1,405	1,274	(9.32%)
Other Funds / Reserves / Surplus	2,937	26,593	805.45%
TOTAL REVENUES	\$ 376,570	\$ 347,677	(7.67%)

**ELECTORAL AREAS
2011 BUDGET
BY SERVICE AREAS**

	2010 OPERATING EXPENSES	2011 OPERATING EXPENSES	2010 TAX REQ	2011 TAX REQ	USER CHARGES	EXTERNAL REVENUE	OTHER REVENUE	SURPLUS/ (DEFICIT)	2011 TOTAL REVENUES
"A" Election Expenses	\$ 7,750	\$ 23,475	\$ 7,750	\$ -	\$ -	\$ -	\$ -	\$ 23,475	\$ 23,475
"A" Administration	119,945	144,242	119,945	144,242					144,242
	<u>127,695</u>	<u>167,717</u>	<u>127,695</u>	<u>144,242</u>	-	-	-	23,475	<u>167,717</u>
"A1" Local Planning	100,647	57,062	100,647	57,062					57,062
"A2" Building Inspection	67,162	60,339	67,162	38,399	21,940				60,339
"A2" Fraser Valley Library	1,944	1,944	1,944	1,944					1,944
"A2" Land Use Planning	74,780	56,223	74,780	56,223					56,223
Corporate program costs recovered internally	4,342	4,392	4,342			1,274	3,118		4,392
	<u>248,875</u>	<u>179,960</u>	<u>248,875</u>	<u>153,628</u>	21,940	1,274	3,118		<u>179,960</u>
	<u>\$ 376,570</u>	<u>\$ 347,677</u>	<u>\$ 376,570</u>	<u>\$ 297,870</u>	\$ 21,940	\$ 1,274	\$ 3,118	\$ 23,475	<u>\$ 347,677</u>
SUMMARY BY AREA									
Electoral Area "A"	<u>\$ 127,695</u>	<u>\$ 167,717</u>	<u>\$ 127,695</u>	<u>\$ 144,242</u>	\$ -	\$ -	\$ -	\$ 23,475	<u>\$ 167,717</u>
Electoral Area "A1"	100,647	57,062	100,647	57,062					57,062
Electoral Area "A2"	143,886	118,506	143,886	96,566	21,940				118,506
Corporate program costs recovered internally	4,342	4,392	4,342			1,274	3,118		4,392
	<u>\$ 376,570</u>	<u>\$ 347,677</u>	<u>\$ 376,570</u>	<u>\$ 297,870</u>	\$ 21,940	\$ 1,274	\$ 3,118	\$ 23,475	<u>\$ 347,677</u>

Note:
A1 - UEL / UBC
A2 - All Other Areas

**GREATER VANCOUVER REGIONAL DISTRICT
SASAMAT VOLUNTEER FIRE DEPARTMENT
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Program:			
Sasamat Volunteer Fire Department	\$ 208,265	\$ 248,327	19.24%
Allocated Program:			
Corporate Allocation	3,965	4,967	25.27%
TOTAL EXPENDITURES	\$ 212,230	\$ 253,294	19.35%

REVENUES			
GVRD Municipal Levy	\$ 192,030	\$ 195,994	2.06%
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	10,200	10,000	(1.96%)
Other Funds / Reserves / Surplus	10,000	47,300	373.00%
TOTAL REVENUES	\$ 212,230	\$ 253,294	19.35%

**GREATER VANCOUVER REGIONAL DISTRICT
REGIONAL GLOBAL POSITIONING SYSTEM
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Program:			
Global Positioning System	\$ 513,605	\$ 750,841	46.19%
Allocated Program:			
Corporate Allocation	<u>54,900</u>	<u>56,036</u>	2.07%
TOTAL EXPENDITURES	<u>\$ 568,505</u>	<u>\$ 806,877</u>	41.93%

REVENUES			
GVRD Municipal Levy	\$ -	\$ -	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
GPS User Fees	548,505	554,877	1.16%
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	20,000	20,000	0.00%
Other Funds / Reserves / Surplus	<u>-</u>	<u>232,000</u>	100.00%
TOTAL REVENUES	<u>\$ 568,505</u>	<u>\$ 806,877</u>	41.93%

LIQUID WASTE

**GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT
LIQUID WASTE
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Liquid Waste Planning	\$ 962,383	\$ 941,337	(2.19%)
Liquid Waste Regulation	1,235,933	1,517,029	22.74%
Liquid Waste Source Compliance Monitoring	300,347	310,955	3.53%
Liquid Waste Demand Reduction	298,915	276,782	(7.40%)
Sewer - Security Enhancements	595,840	612,091	2.73%
S&D - Liquid Waste Residuals (Nutrifor)	9,945,979	10,648,039	7.06%
S&D - Sustainability Fund	1,127,000	1,127,000	0.00%
S&D - Trucked Liquid Waste	231,921	237,727	2.50%
S&D - Wastewater Treatment	25,463,325	26,614,654	4.52%
Wastewater System Analysis and Environmental Management	2,467,088	2,336,101	(5.31%)
S&D - Operating Contingency	500,000	500,000	0.00%
S&D - Quality Control	5,328,389	5,708,047	7.13%
S&D - Maintenance	24,170,283	24,014,625	(0.64%)
S&D - Wastewater Collection	9,412,200	11,198,104	18.97%
S&D - Urban Drainage	1,073,741	970,794	(9.59%)
S&D - Flow Monitoring	892,531	706,047	(20.89%)
Subtotal Operating Programs	<u>84,005,875</u>	<u>87,719,332</u>	4.42%
Debt Program	<u>50,275,415</u>	<u>45,855,551</u>	(8.79%)
Contribution to Capital	<u>19,847,351</u>	<u>26,681,426</u>	34.43%
Utility Allocated Programs:			
S&D - SCADA	957,779	1,090,084	13.81%
Sewer - E&C - Operating	4,807,099	7,348,956	52.88%
S&D - Technical Support	1,919,567	1,398,585	(27.14%)
Subtotal Utility Allocated Programs	<u>7,684,445</u>	<u>9,837,625</u>	28.02%
Allocated Programs:			
Corporate Allocation	16,817,861	17,575,783	4.51%
Utility Administration and Support Allocation	4,123,487	4,460,514	8.17%
Demand Reduction Program Allocation	225,553	105,365	(53.29%)
Subtotal Allocated Programs	<u>21,166,901</u>	<u>22,141,662</u>	4.61%
TOTAL EXPENDITURES	<u>\$ 182,979,987</u>	<u>\$ 192,235,596</u>	5.06%
REVENUES			
GVS&DD Levy	157,646,196	167,242,155	6.09%
User Fees	2,059,387	1,846,878	(10.32%)
Transfer from DCC Reserves	8,309,868	8,307,167	(0.03%)
BOD/TSS Industrial Charges	7,246,004	7,329,812	1.16%
Other External Revenues	893,872	1,009,510	12.94%
Other Funds / Reserves / Surplus	6,824,660	6,500,074	(4.76%)
TOTAL REVENUES	<u>\$ 182,979,987</u>	<u>\$ 192,235,596</u>	5.06%

**GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT
CAPITAL PROGRAMS & PROJECT DETAILS
LIQUID WASTE
2011 BUDGET**

	2011 CAPITAL EXPENDITURES	TOTAL PROJECT COSTS
CAPITAL EXPENDITURES		
Infrastructure Growth		
2011 - Approved Projects in Progress	\$ 25,700,000	\$ 105,300,000
FSA - Burnaby Lake North Interceptor - Sperling Section - Constr	2,250,000	4,500,000
FSA - East Richmond Pump Station - Commissioning Third Pump	120,000	600,000
FSA - Katzie Pump Expansion Genset - Pre-design	200,000	200,000
FSA - NSI - 104th Ave Extension	1,925,000	6,800,000
FSA - NWLWWTP - Phase 1 T1 Construction	100,000	20,000,000
FSA - NWLWWTP - Phase 1 T2 Construction	100,000	31,000,000
FSA - Sperling PS - Increase Pump Capacity - Design	150,000	150,000
LSA - Lulu - Raw Sewage Pump and Replace Generator	100,000	1,600,000
NSA - Lions Gate - Interim CEPT Upgrade - Design	325,000	325,000
	<u>\$ 30,970,000</u>	<u>\$ 170,475,000</u>
Infrastructure Maintenance		
2011 - Approved Projects in Progress	\$ 10,630,000	\$ 31,543,000
FSA - AIWWTP Gravity Thickener and DAF Steel Repair and Recoating	140,000	2,000,000
FSA - New West Interceptor-Grit Chamber - Constr	500,000	1,500,000
LSA - Gilbert/Brighthouse Trunk Pressure Sewer Twinning Design	1,000,000	2,000,000
LSA - Lulu - MCC 80-011 and 80-012 Replacement	152,000	750,000
NSA - Lions Gate - Control and Instrumentation Replacement	200,000	600,000
NSA - Lions Gate -Gas Line Condensate Removal System	300,000	900,000
NSA - Lions Gate-MSG Blower and HSG Compressor Replacement	250,000	450,000
VSA - Iona Island-Control & Instrumentation Replacement	500,000	1,000,000
VSA - Iona - Jetty Erosion Repair (North Side)	1,500,000	5,000,000
VSA - Iona - Solids Handling Upgrade Project - Design	1,500,000	4,500,000
VSA - Iona Sediment Tanks Weir Plate Re-Leveling	200,000	450,000
	<u>\$ 16,872,000</u>	<u>\$ 50,693,000</u>
Infrastructure Relocation		
2011 - Approved Projects in Progress	\$ 103,159	\$ 6,737,592
Infrastructure Risk Management		
2011 - Approved Projects in Progress	\$ 3,225,000	\$ 12,920,000
FSA - AIWWTP S.Cogen.Building Design for Rehab.of Fl. Cracks and Seis.Upgrade	250,000	250,000
FSA - Coquitlam Interceptor Repair Dewdney Section	200,000	2,000,000
FSA - New Westminster Interceptor Repair - Columbia St. Section Design	300,000	300,000
VSA - 8th Ave Interceptor - Cambie & Balaclava Gates Data Collection	100,000	575,000
	<u>\$ 4,075,000</u>	<u>\$ 16,045,000</u>
Infrastructure Secondary Upgrade		
2011 - Approved Projects in Progress	\$ 2,000,000	\$ 4,000,000
NSA - Lions Gate Plant Upgrade-Design	2,000,000	20,000,000
	<u>\$ 4,000,000</u>	<u>\$ 24,000,000</u>
Infrastructure Annacis Stage 5 Expansion		
2011 - Approved Projects in Progress	\$ 2,000,000	\$ 133,705,600
FSA - Annacis Stage 5 Expansion Phase 1 T1	1,147,000	31,500,000
	<u>\$ 3,147,000</u>	<u>\$ 165,205,600</u>
Infrastructure Upgrade		
2011 - Approved Projects in Progress	\$ 3,239,000	\$ 14,645,702
FSA - AIWWTP - CDAC System Migration Planning	150,000	300,000
FSA - Katzie SSO Treatment - Design	250,000	500,000
FSA - Langley Connector No.1 & Carvolth Trunk Upgrading/Replacement	5,000,000	7,100,000
FSA - Wastewater Meter Upgrades	200,000	600,000
FSA - Sperling Pump Station Upgrade - Design	500,000	500,000
	<u>\$ 9,339,000</u>	<u>\$ 23,645,702</u>
Sewer Opportunity Programs		
2011 - Approved Projects in Progress	\$ 8,350,000	\$ 20,600,000
FSA - AIWWTP IPS VFD Replacement (Pumps 1 to 3)	400,000	1,050,000
FSA - AIWWTP TF VFD Replacement (Pumps 1 to 4)	300,000	870,000
LSA - Microsludge and Green Biomethane Project (*)	2,800,000	10,600,000
LSA - LULU SA IRM	500,000	1,000,000
	<u>\$ 12,350,000</u>	<u>\$ 34,120,000</u>
TOTAL CAPITAL EXPENDITURES	<u>\$ 80,856,159</u>	<u>\$ 490,921,894</u>

(*) Subject to Board approval by separate report

CAPITAL FUNDING SOURCES	
Reserves	\$ 8,942,557
Grants	-
Contribution to Capital	26,681,426
Debt Financing	45,232,176
TOTAL CAPITAL FUNDING SOURCES	<u>\$ 80,856,159</u>

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT
CAPITAL PROGRAMS & PROJECT DETAILS
LIQUID WASTE
Projects in Progress
2011 BUDGET

	2011 CAPITAL EXPENDITURES	ORIGINAL TOTAL PROJECT COSTS	INCREASE IN TOTAL PROJECT COSTS	REVISED TOTAL PROJECT COSTS
CAPITAL EXPENDITURES				
Infrastructure Growth				
FSA - North Surrey Interceptor - Port Mann Section Twinning	\$ 7,500,000	\$ 14,500,000	\$ 6,100,000	\$ 20,600,000
FSA - NWLWWTP - Phase 1 T1 Design & Site Prep	600,000	3,500,000	-	3,500,000
FSA - NWLWWTP - Phase 1 T2 Design & Site Prep	900,000	5,500,000	-	5,500,000
FSA - Sapperton Pump Station - Design	1,000,000	2,200,000	500,000	2,700,000
FSA - Sapperton Pump Station - Equipment & Construction	3,000,000	40,000,000	-	40,000,000
FSA - South Surrey Interceptor - King George Section Construction	12,700,000	33,000,000	-	33,000,000
	<u>\$ 25,700,000</u>	<u>\$ 98,700,000</u>	<u>\$ 6,600,000</u>	<u>\$ 105,300,000</u>
Infrastructure Maintenance				
FSA - Annacis - Gas Circulation Compressor Replacement	\$ 180,000	\$ 800,000	\$ -	\$ 800,000
FSA - Annacis - Secondary Clarifier Corrosion Repair	460,000	1,946,000	-	1,946,000
FSA - Annacis WWTP - PA Tank Corrosion Repair	1,000,000	4,500,000	-	4,500,000
FSA - Braid St. Gate Repair	100,000	670,000	-	670,000
FSA - Cost Allocation Billing Network (Combined 96-F4)	100,000	5,230,000	-	5,230,000
FSA - Marshend PS Rehab Construction	3,000,000	7,000,000	-	7,000,000
FSA - South Surrey Interceptor Rehab.- Construction	1,500,000	3,000,000	-	3,000,000
NSA - Lions Gate - Power Dist. MCC Replace/Transformers 2009	700,000	830,000	-	830,000
NSA - Lynn Pump Station Prelim Design	350,000	500,000	-	500,000
VSA - Iona - Grit Tower Replacement Project	1,000,000	2,000,000	-	2,000,000
VSA - Iona - 12 kV Incoming Feeder Cable Replacement	390,000	897,000	-	897,000
VSA - Iona - Electrical Room HVAC Upgrades	1,300,000	2,095,000	-	2,095,000
VSA - Iona MCC/Power Distribution Assess/Replace - 2009	150,000	1,375,000	-	1,375,000
VSA - Iona MCC/Power Distribution Assessment/Replacement (2006)	400,000	700,000	-	700,000
	<u>\$ 10,630,000</u>	<u>\$ 31,543,000</u>	<u>\$ -</u>	<u>\$ 31,543,000</u>
Infrastructure Relocation				
FSA - Gateway	\$ 103,159	\$ 6,737,592	\$ -	\$ 6,737,592
Infrastructure Risk Management				
DRAIN - Port Moody/Coquitlam Integrated Stormwater Management Plan	\$ 125,000	\$ 250,000	\$ -	\$ 250,000
VSA - Highbury Interceptor North Arm Crossing - Upgrade of Siphons Construction	3,000,000	12,000,000	-	12,000,000
VSA - VSA Easement Acquisition Program	100,000	670,000	-	670,000
	<u>\$ 3,225,000</u>	<u>\$ 12,920,000</u>	<u>\$ -</u>	<u>\$ 12,920,000</u>
Infrastructure Secondary Upgrade				
VSA-Iona Secondary Treatment Upgrade Conceptual Design	\$ 2,000,000	\$ 4,000,000	-	\$ 4,000,000
	<u>\$ 2,000,000</u>	<u>\$ 4,000,000</u>	<u>\$ -</u>	<u>\$ 4,000,000</u>
Infrastructure Annacis Stage 5 Expansion				
Annacis Stage 5 Expansion Phase 1 T2	\$ 2,000,000	\$ 133,705,600	-	\$ 133,705,600
	<u>\$ 2,000,000</u>	<u>\$ 133,705,600</u>	<u>\$ -</u>	<u>\$ 133,705,600</u>
Infrastructure Upgrade				
FSA - Annacis - Gas Flow Meter Replacement	\$ 150,000	\$ 542,202	\$ -	\$ 542,202
FSA - Cloverdale SSO Treatment - Design	250,000	500,000	-	500,000
LSA - Lulu Island WWTP - Gas Flow Meter Replacement	50,000	236,000	-	236,000
LSA - Lulu Island WWTP Sodium Hypochlorite System (SHS) Upgrade - Construction	400,000	1,000,000	-	1,000,000
NSA - Lions Gate WWTP - Gas Flow Meter Replacement	170,000	370,000	-	370,000
NSA - Lynn Creek SSO Treatment - Design	884,000	1,990,000	-	1,990,000
VSA - Iona Island WWTP - Gas Flow Meter Replacement	300,000	302,500	-	302,500
VSA - Jervis Forcemain Extension to 8th Ave Interceptor Construction	500,000	9,000,000	-	9,000,000
VSA - Kent Ave and Jervis Pump Station Grit Chamber Design	535,000	705,000	-	705,000
	<u>\$ 3,239,000</u>	<u>\$ 14,645,702</u>	<u>\$ -</u>	<u>\$ 14,645,702</u>
Sewer Opportunity Programs				
FSA - AlWWTP Membrane Reclaim Water System	\$ 800,000	\$ 4,175,000	\$ -	\$ 4,175,000
FSA - Annacis Wastewater Center	6,250,000	9,000,000	1,250,000	10,250,000
FSA - Sapperton PS Sewer Heat Recovery - Design & Construction	300,000	4,175,000	-	4,175,000
NSA - NSA IRM	500,000	1,000,000	-	1,000,000
VSA - VSA IRM	500,000	1,000,000	-	1,000,000
	<u>\$ 8,350,000</u>	<u>\$ 19,350,000</u>	<u>\$ 1,250,000</u>	<u>\$ 20,600,000</u>
TOTAL CAPITAL EXPENDITURES - PROJECTS IN PROGRESS	<u>\$ 55,247,159</u>	<u>\$ 321,601,894</u>	<u>\$ 7,850,000</u>	<u>\$ 329,451,894</u>

**GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT
SOLID WASTE
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	%
			CHANGE
EXPENDITURES			
Operating Programs:			
Solid Waste Regulation	\$ 494,098	\$ 662,212	34.02%
Solid Waste Residuals	629,934	553,596	(12.12%)
Solid Waste Demand Reduction	1,046,687	2,321,569	121.80%
SW - Ashcroft Ranch - Operations	1,133,687	1,075,607	(5.12%)
SW - Environmental Impact Reduction	5,179,832	7,997,306	54.39%
SW - Landfills	32,056,771	26,892,550	(16.11%)
SW - Planning	1,271,614	1,260,097	(0.91%)
SW - Sustainability Fund	1,612,000	1,612,000	0.00%
Integrated Waste and Resources	1,250,758	1,756,494	40.43%
SW - Transfer Station System	24,663,023	23,396,171	(5.14%)
SW - Waste to Energy Facility	19,361,340	18,932,368	(2.22%)
Subtotal Operating Programs	<u>88,699,744</u>	<u>86,459,970</u>	(2.53%)
Debt Program	<u>6,184,121</u>	<u>4,198,702</u>	(32.11%)
Utility Allocated Programs:			
SW-Quality Control	24,885	26,673	7.19%
SW-E&C-Operating	<u>21,358</u>	<u>15,202</u>	(28.82%)
Subtotal Utility Allocated Programs	<u>46,243</u>	<u>41,875</u>	(9.45%)
Allocated Programs:			
Corporate Allocation	3,883,112	3,445,690	(11.26%)
Utility Administration and Support Allocation	912,856	1,126,250	23.38%
Demand Reduction Program Allocation	<u>84,589</u>	<u>-</u>	(100.00%)
Subtotal Allocated Programs	<u>4,880,557</u>	<u>4,571,940</u>	(6.32%)
TOTAL EXPENDITURES	<u>\$ 99,810,665</u>	<u>\$ 95,272,487</u>	(4.55%)

REVENUES			
GVRD Municipal Levy	\$ -	\$ -	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	89,223,604	87,512,130	(1.92%)
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Internal Recoveries	-	-	
Net (Income) or Loss	(3,921,385)	(8,291,557)	111.44%
Other External Revenues	13,491,123	14,858,285	10.13%
Other Funds / Reserves / Surplus	<u>1,017,323</u>	<u>1,193,629</u>	17.33%
TOTAL REVENUES	<u>\$ 99,810,665</u>	<u>\$ 95,272,487</u>	(4.55%)

**GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT
CAPITAL PROGRAMS & PROJECT DETAILS
SOLID WASTE
2011 BUDGET**

	2011 CAPITAL EXPENDITURES	TOTAL PROJECT COSTS
CAPITAL EXPENDITURES		
Waste-to-Energy Facility		
2011 - Approved Projects in Progress	\$ 6,500,000	\$ 15,850,000
	<u>\$ 6,500,000</u>	<u>\$ 15,850,000</u>
Transfer Station System		
2011 - Approved Projects in Progress	\$ 4,000,000	\$ 57,000,000
Material & Foodwaste Diversion Upgrades	400,000	6,400,000
North Shore TS Floor Slab Topping	300,000	300,000
North Shore TS Site Paving	300,000	300,000
	<u>\$ 5,000,000</u>	<u>\$ 64,000,000</u>
Landfills		
2011 - Approved Projects in Progress	\$ 1,000,000	\$ 2,850,000
Cache Creek Landfill Gas Collection System Upgrade	500,000	1,500,000
	<u>\$ 1,500,000</u>	<u>\$ 4,350,000</u>
Ashcroft Ranch		
Oregon Jack Creek Dam Decommissioning	\$ 250,000	\$ 250,000
	<u>\$ 250,000</u>	<u>\$ 250,000</u>
Solid Waste Management Plan Initiatives		
2011 - Approved Projects in Progress	\$ 3,000,000	\$ 510,000,000
	<u>\$ 3,000,000</u>	<u>\$ 510,000,000</u>
SW Opportunity Programs		
Burnaby WTE East Fraserlands District Heating Construction	\$ 2,200,000	\$ 2,200,000
Coquitlam Landfill - Beneficial Use of Landfill Gas	260,000	2,000,000
	<u>\$ 2,460,000</u>	<u>\$ 4,200,000</u>
TOTAL CAPITAL EXPENDITURES	<u>\$ 18,710,000</u>	<u>\$ 598,650,000</u>

CAPITAL FUNDING SOURCES	
Reserves	\$ -
Grants	-
Contribution to Capital	-
Debt Financing	18,710,000
TOTAL CAPITAL FUNDING SOURCES	<u>\$ 18,710,000</u>

2011 EQUIPMENT PURCHASES

EQUIPMENT	
Transfer Station Program	
One (1) Wheel Loader	\$ 450,000
	<u>\$ 450,000</u>
Landfill Program	
B-trains refurbishment	\$ 500,000
Two (2) Articulated Trucks	1,800,000
	<u>2,300,000</u>
Ashcroft Ranch Operations:	
Farm equipment	\$ 50,000
	<u>\$ 50,000</u>
TOTAL EQUIPMENT PURCHASES	<u>\$ 2,800,000</u>

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT
CAPITAL PROGRAMS & PROJECT DETAILS
SOLID WASTE
Projects in Progress
2011 BUDGET

	2011 CAPITAL EXPENDITURES	ORIGINAL TOTAL PROJECT COSTS	INCREASE IN TOTAL PROJECT COSTS	REVISED TOTAL PROJECT COSTS
CAPITAL EXPENDITURES				
Waste-to-Energy Facility				
Air Cooled Condenser Expansion - Construction	\$ 2,000,000	\$ 2,850,000	\$ -	\$ 2,850,000
Nox Reduction - Design & Construction	2,000,000	50,000,000	(43,000,000)	7,000,000
Seismic Upgrades - Construction	2,500,000	6,000,000	-	6,000,000
	<u>\$ 6,500,000</u>	<u>\$ 58,850,000</u>	<u>\$ (43,000,000)</u>	<u>\$ 15,850,000</u>
Transfer Station System				
Coquitlam Transfer Station Replacement	\$ 4,000,000	\$ 57,000,000	\$ -	\$ 57,000,000
	<u>\$ 4,000,000</u>	<u>\$ 57,000,000</u>	<u>\$ -</u>	<u>\$ 57,000,000</u>
Landfills				
Coquitlam Landfill Gas Collection Upgrades - Construction	\$ 1,000,000	\$ 2,850,000	\$ -	\$ 2,850,000
	<u>\$ 1,000,000</u>	<u>\$ 2,850,000</u>	<u>\$ -</u>	<u>\$ 2,850,000</u>
Solid Waste Management Plan Initiatives				
Material and Energy Recovery Facility	\$ 1,000,000	\$ 440,000,000	\$ 30,000,000	470,000,000
Regional Organic Processing Facilities	2,000,000	40,000,000	-	40,000,000
	<u>\$ 3,000,000</u>	<u>\$ 480,000,000</u>	<u>\$ 30,000,000</u>	<u>\$ 510,000,000</u>
TOTAL CAPITAL EXPENDITURES - PROJECTS IN PROGRESS	<u><u>\$ 14,500,000</u></u>	<u><u>\$ 598,700,000</u></u>	<u><u>\$ (13,000,000)</u></u>	<u><u>\$ 585,700,000</u></u>

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT
Solid Waste - Wastech Services Capital Plan*
2011 Budget

SUMMARY

Equipment	\$	895,000
Cache Creek Landfill		520,000
Coquitlam Transfer Station		275,000
Surrey Transfer Station		640,000
Coquitlam Construction Recycling Facility		60,000
Miscellaneous Capital		<u>123,000</u>
Total	\$	<u><u>2,513,000</u></u>

* These projects are incurred by Wastech and recovered through contract payments

**GREATER VANCOUVER WATER DISTRICT
WATER
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Water Planning	\$ 875,767	\$ 871,923	(0.44%)
Water System Analysis and Environmental Management	1,771,766	1,856,413	4.78%
Water - Security Enhancements	86,849	17,228	(80.16%)
Water - Sustainability Fund	723,000	723,000	0.00%
Water - Water Treatment Engineering	1,011,147	1,082,928	7.10%
Water - Watershed General	1,130,366	915,251	(19.03%)
Water - Watershed LSCR & Watershed Education	1,593,266	1,690,638	6.11%
Water - Watershed Operations	2,743,634	2,811,751	2.48%
Water - Watershed Protection	903,301	938,385	3.88%
Water - Watershed Security	1,226,804	1,503,906	22.59%
Water - Operating Contingency	500,000	500,000	0.00%
Water - Drinking Water Residuals	696,016	890,507	27.94%
Water - Demand Reduction	153,752	155,399	1.07%
Water - Drinking Water Quality Control	2,623,701	2,734,579	4.23%
Water - Maintenance	9,603,654	9,556,556	(0.49%)
Water - Secondary Disinfection	951,323	1,162,131	22.16%
Water - Seymour Capilano Filtration Plant	8,520,294	8,351,394	(1.98%)
Water - Source Water Treatment	4,905,350	4,716,957	(3.84%)
Water - Water Supply	8,906,472	9,017,800	1.25%
Water - Water Supply Metering & Billing	552,167	526,735	(4.61%)
Subtotal Operating Programs	<u>49,478,629</u>	<u>50,023,481</u>	1.10%
Debt Program	90,607,594	101,714,926	12.26%
Contribution to Capital	22,751,552	30,811,954	35.43%
Utility Allocated Programs:			
Water - System Control SCADA	7,228,091	7,711,352	6.69%
Water - E&C - Operating	5,744,419	6,041,348	5.17%
Water - Technical Support	1,990,971	1,702,112	(14.51%)
Subtotal Utility Allocated Programs	<u>14,963,481</u>	<u>15,454,812</u>	3.28%
Allocated Programs:			
Corporate Allocation	18,302,444	20,208,136	10.41%
Utility Administration and Support Allocation	4,206,401	4,674,082	11.12%
Demand Reduction Program Allocation	205,393	316,094	53.90%
Subtotal Allocated Programs	<u>22,714,238</u>	<u>25,198,312</u>	10.94%
TOTAL EXPENDITURES	<u>\$ 200,515,494</u>	<u>\$ 223,203,485</u>	11.31%

REVENUES			
GVRD Municipal Levy	\$ -	\$ -	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	196,326,592	218,736,335	11.41%
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Internal Recoveries	-	-	
Net (Income) or Loss	-	-	
Other External Revenues	1,406,634	1,565,308	11.28%
Other Funds / Reserves / Surplus	2,782,268	2,901,842	4.30%
TOTAL REVENUES	<u>\$ 200,515,494</u>	<u>\$ 223,203,485</u>	11.31%

**GREATER VANCOUVER WATER DISTRICT
CAPITAL PROGRAMS & PROJECT DETAILS
WATER
2011 BUDGET**

	2011 CAPITAL EXPENDITURES	TOTAL PROJECT COSTS
CAPITAL EXPENDITURES		
Drinking Water Treatment		
2011 - Approved Projects in Progress	\$ 103,493,000	\$ 930,000,000
	<u>\$ 103,493,000</u>	<u>\$ 930,000,000</u>
Infrastructure Growth		
2011 - Approved Projects in Progress	\$ 9,100,000	\$ 43,230,000
Angus Drive Main Preliminary Design (formally Granville Ave Main-Design)	700,000	700,000
Clayton Reservoir No. 2 - Conceptual Design	900,000	900,000
Maple Ridge Main- (West)-Construction	5,000,000	18,800,000
Port Mann Main No. 2 - (North) Predesign	200,000	500,000
Seymour Main No. 5-III (North) Predesign	300,000	1,000,000
	<u>\$ 16,200,000</u>	<u>\$ 65,130,000</u>
Infrastructure Maintenance		
2011 - Approved Projects in Progress	\$ 23,865,000	\$ 51,300,000
Central Park WPS Starters Replacement	120,000	2,100,000
Secondary Re-chlorination Stations HVAC Upgrade	300,000	600,000
Vancouver Heights WPS #1 & #2 Motor and Drive Replacement	250,000	950,000
Water Meter Upgrades - 2011 Renewal	50,000	350,000
	<u>\$ 24,585,000</u>	<u>\$ 55,300,000</u>
Infrastructure Relocation		
2011 - Approved Projects in Progress	\$ -	\$ 8,093,629
Infrastructure Risk Management		
2011 - Approved Projects in Progress	\$ 32,445,000	\$ 295,900,000
Braid St. Main No.2 - Design	100,000	500,000
Convert to Bulk Sodium Hypochlorite from Chlorine Gas at Coquitlam WTP	400,000	4,500,000
Capilano Main No.4 Replacement - North Section Predesign	300,000	300,000
Kennedy Reservoir Seismic Upgrade - Construction	1,000,000	5,400,000
Second Narrows Crossing (Tunnel) - Preliminary Design Phase 2	1,750,000	3,500,000
Residuals Handling Truck Bay Modifications	550,000	550,000
	<u>\$ 36,545,000</u>	<u>\$ 310,650,000</u>
Water Infrastructure Upgrade		
2011 - Approved Projects in Progress	\$ 4,569,000	\$ 27,040,000
Cleveland Dam East Abutment GV-Series Pump Well Upgrade -	250,000	750,000
Residuals Handling Clarifier Influent Box Modifications	350,000	350,000
Seymour Falls Dam Spillway Gate (Bay 10) Construction	200,000	800,000
	<u>\$ 5,369,000</u>	<u>\$ 28,940,000</u>
Water Opportunity Programs		
2011 - Approved Projects in Progress	\$ 200,000	\$ 250,000
Barnston Maple Ridge Pump Station Power Generation	300,000	2,500,000
	<u>\$ 500,000</u>	<u>\$ 2,750,000</u>
TOTAL CAPITAL EXPENDITURES	<u>\$ 186,692,000</u>	<u>\$ 1,400,863,629</u>

CAPITAL FUNDING SOURCES	
Reserves	\$ 8,210,137
Grants	-
Contribution to Capital	30,811,954
Debt Financing	147,669,909
TOTAL CAPITAL FUNDING SOURCES	<u>\$ 186,692,000</u>

**GREATER VANCOUVER WATER DISTRICT
CAPITAL PROGRAMS & PROJECT DETAILS
WATER
Projects in Progress
2011 BUDGET**

	2011 CAPITAL EXPENDITURES	ORIGINAL TOTAL PROJECT COSTS	INCREASE IN TOTAL PROJECT COSTS	REVISED TOTAL PROJECT COSTS
CAPITAL EXPENDITURES				
Drinking Water Treatment				
Seymour Capilano Filtration Project	\$ 63,493,000	\$ 820,000,000	\$ -	\$ 820,000,000
Coquitlam - UV Disinfection - Construction	40,000,000	110,000,000	-	110,000,000
	<u>\$ 103,493,000</u>	<u>\$ 930,000,000</u>	<u>\$ -</u>	<u>\$ 930,000,000</u>
Infrastructure Growth				
Barnston Maple Ridge Pump Station	\$ 6,700,000	\$ 24,800,000	\$ 12,200,000	\$ 37,000,000
Burnaby Mountain Pump Station No. 2 - Design	300,000	500,000	-	500,000
Coquitlam Intake No. 2/Tunnel Conceptual and Predesign	1,000,000	630,000	3,500,000	4,130,000
Sasamat PS Stage II-Predesign	200,000	300,000	200,000	500,000
Coquitlam Main No.4-1 - Predesign (Tunnel)	900,000	1,100,000	-	1,100,000
	<u>\$ 9,100,000</u>	<u>\$ 27,330,000</u>	<u>\$ 15,900,000</u>	<u>\$ 43,230,000</u>
Infrastructure Maintenance				
16th Ave Main Rehabilitation - Construction	\$ 8,000,000	\$ 13,900,000	\$ -	\$ 13,900,000
Annacis Main 4 Channel Scour Protection	1,115,000	1,200,000	-	1,200,000
Cleveland Dam Elevator Replacement	2,000,000	7,300,000	-	7,300,000
Douglas Road Main No. 2 - Delta Section	6,000,000	9,300,000	7,300,000	16,600,000
Douglas Road Main No. 2 - Kincaid	6,750,000	10,000,000	2,300,000	12,300,000
	<u>\$ 23,865,000</u>	<u>\$ 41,700,000</u>	<u>\$ 9,600,000</u>	<u>\$ 51,300,000</u>
Infrastructure Relocation				
Provincial Road Improvement Projects	\$ -	\$ 8,093,629	\$ -	\$ 8,093,629
Infrastructure Risk Management				
East Abut - Auto. Monitoring Phase 2	\$ 145,000	\$ 800,000	\$ -	\$ 800,000
Newton Reservoir - Seismic Upgrade Construction	1,000,000	3,000,000	-	3,000,000
Port Mann No.2- Fraser R. X-ing (Construction)	30,000,000	239,000,000	-	239,000,000
Second Narrows Crossing (Tunnel) - Preliminary Design Phase 1	700,000	1,500,000	-	1,500,000
Seymour Dam Remedial (MCE)-Constr	250,000	47,800,000	-	47,800,000
Seymour Falls Dam ADAS Phase II	150,000	300,000	-	300,000
Whalley Reservoir - Operational & Seismic Upgrade - Construction	200,000	3,500,000	-	3,500,000
	<u>\$ 32,445,000</u>	<u>\$ 295,900,000</u>	<u>\$ -</u>	<u>\$ 295,900,000</u>
Water Infrastructure Upgrade				
Capilano Main No. 5 - Pumphouse Valve Chamber	\$ 800,000	\$ 2,600,000	\$ -	\$ 2,600,000
Central Park Distribution System Optimization	1,800,000	12,000,000	-	12,000,000
Coquitlam Communication Improvements - Constr.	700,000	1,650,000	-	1,650,000
Mathers Avenue Capilano River Crossing Replacement - Prelim Design	250,000	500,000	-	500,000
Port Moody Connector Meter - Installation	150,000	400,000	-	400,000
Water Meter Upgrades	45,000	350,000	-	350,000
Water Optimization Automation & Instrumentation	824,000	9,540,000	-	9,540,000
	<u>\$ 4,569,000</u>	<u>\$ 27,040,000</u>	<u>\$ -</u>	<u>\$ 27,040,000</u>
Water Opportunity Programs				
Capilano Power Feasibility Study	\$ 200,000	\$ 250,000	\$ -	\$ 250,000
TOTAL CAPITAL EXPENDITURES - PROJECTS IN PROGRESS	\$ 173,672,000	\$ 1,330,313,629	\$ 25,500,000	\$ 1,355,813,629

GREATER VANCOUVER WATER DISTRICT

Estimate of Water Sales

Year Ending December 31, 2011

	Off-Peak Season (October-May)			Peak Season (June-September)			Total Season	
	Consumption in			Consumption in			Consumption in	
	Cubic Metres (1,000's)			Cubic Metres (1,000's)			Cubic Metres (1,000's)	
	Cubic Metres	Rate per Cubic Metre	\$ Amount	Cubic Metres	Rate per Cubic Metre	\$ Amount	Total Annual	Total \$ Amount
MEMBERS								
Burnaby	23,422	0.5135	12,008,616	15,826	0.6419	10,158,815	39,248	22,167,431
Coquitlam	10,804	0.5135	5,539,170	7,300	0.6419	4,685,919	18,104	10,225,089
Delta	15,010	0.5135	7,695,877	10,142	0.6419	6,510,409	25,152	14,206,286
Maple Ridge	7,505	0.5135	3,847,851	5,071	0.6419	3,255,130	12,576	7,102,981
New Westminster	4,721	0.5135	2,420,425	3,190	0.6419	2,047,584	7,911	4,468,009
North Vancouver City	4,026	0.5135	2,064,338	2,721	0.6419	1,746,348	6,747	3,810,686
North Vancouver District	9,140	0.5135	4,686,132	6,176	0.6419	3,964,283	15,316	8,650,415
Pitt Meadows	2,349	0.5135	1,204,575	1,588	0.6419	1,019,023	3,937	2,223,598
Port Coquitlam	6,030	0.5135	3,091,486	4,074	0.6419	2,615,276	10,104	5,706,762
Port Moody	2,968	0.5135	1,521,484	2,005	0.6419	1,287,116	4,973	2,808,600
Richmond	22,063	0.5135	11,312,062	14,908	0.6419	9,569,558	36,971	20,881,620
Surrey	43,475	0.5135	22,289,429	29,376	0.6419	18,856,266	72,851	41,145,695
West Vancouver	2,489	0.5135	1,275,974	1,682	0.6419	1,079,423	4,171	2,355,397
Vancouver	66,413	0.5135	34,050,519	44,875	0.6419	28,805,396	111,288	62,855,915
Langley Township	3,232	0.5135	1,656,908	2,184	0.6419	1,401,679	5,416	3,058,587
Langley City	2,503	0.5135	1,283,524	1,692	0.6419	1,085,810	4,195	2,369,334
Member Municipalities Total	<u>226,150</u>		<u>115,948,370</u>	<u>152,810</u>		<u>98,088,035</u>	<u>378,960</u>	<u>214,036,405</u>
Non-Members								
University Endowment Lands	3,467	0.6162	2,133,192	2,343	0.7703	1,804,595	5,810	3,937,787
Capilano Hatchery	1	0.6162	536	1	0.7703	453	2	989
Provincial Institutions (Riverview)	111	0.5135	56,956	75	0.6419	48,182	186	105,138
Point Roberts	693	0.5135	355,379	468	0.6419	300,637	1,161	656,016
Non-Members Total	<u>4,272</u>		<u>2,546,063</u>	<u>2,887</u>		<u>2,153,867</u>	<u>7,159</u>	<u>4,699,930</u>
Total estimated Consumption	<u>230,422</u>			<u>155,697</u>			<u>386,119</u>	
Total amount to be raised from the sale of water			<u>\$118,494,433</u>			<u>\$100,241,902</u>		<u>\$218,736,335</u>

**METRO VANCOUVER HOUSING CORPORATION
HOUSING
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Housing - Department Support	\$ 291,004	\$ 284,551	(2.22%)
Housing - Financial Services	952,933	993,510	4.26%
Housing - Maintenance	1,396,345	1,579,208	13.10%
Housing - Management	363,420	474,903	30.68%
Housing - Tenant Programs and Services	124,568	167,779	34.69%
Housing-Site Administration-NE Area	200,043	215,523	7.74%
Housing-Site Administration-NW Area	204,125	210,425	3.09%
Housing-Site Administration-SW Area	206,693	212,053	2.59%
Housing-Site Administration-SW Area	204,370	211,363	3.42%
Housing-Property Operations-NE	3,441,499	3,651,393	6.10%
Housing-Property Operations-NW	3,698,138	3,762,877	1.75%
Housing-Property Operations-SE	3,845,151	3,792,002	(1.38%)
Housing-Property Operations-SW	2,977,152	3,177,982	6.75%
Subtotal Operating Programs	<u>17,905,441</u>	<u>18,733,569</u>	4.63%
Debt Program	<u>16,332,680</u>	<u>16,183,172</u>	(0.92%)
Allocated Program:			
Corporate Allocation	<u>1,680,719</u>	<u>1,701,755</u>	1.25%
TOTAL EXPENDITURES	<u>\$ 35,918,840</u>	<u>\$ 36,618,496</u>	1.95%

REVENUES			
GVRD Municipal Levy	\$ -	\$ -	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	30,290,700	31,238,070	3.13%
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
Other External Revenues	5,695,189	5,297,572	(6.98%)
Other Funds / Reserves / Surplus	171,457	194,257	13.30%
Net (Income) Loss	<u>(238,506)</u>	<u>(111,403)</u>	(53.29%)
TOTAL REVENUES	<u>\$ 35,918,840</u>	<u>\$ 36,618,496</u>	1.95%

**METRO VANCOUVER HOUSING CORPORATION
CAPITAL PROGRAMS & PROJECT DETAILS
HOUSING
2011 BUDGET**

	2011 CAPITAL EXPENDITURES	TOTAL PROJECT COSTS
CAPITAL EXPENDITURES		
Capital Replacement	\$ 6,145,061	\$ (*)
Water Ingress Repairs		
Heather Place	50,000	500,000
Kingston Gardens IV	1,000,000	1,200,000
Other Properties	100,000	100,000
	<u>1,150,000</u>	<u>1,800,000</u>
TOTAL CAPITAL EXPENDITURES	<u>\$ 7,295,061</u>	<u>\$ 1,800,000</u>
CAPITAL FUNDING SOURCES		
Reserves	\$ 7,295,061	
Grants	-	
Contribution to Capital	-	
Debt Financing	-	
TOTAL	<u>\$ 7,295,061</u>	

(*) These projects are budgeted annually

**GREATER VANCOUVER REGIONAL DISTRICT
CORPORATE PROGRAMS SUMMARY
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Chief Administrative Office	\$ 1,320,911	\$ 1,370,869	3.78%
Corporate Relations	5,487,534	5,911,561	7.73%
Finance and Administration	8,958,260	9,258,677	3.35%
Human Resources	3,715,568	3,911,702	5.28%
Information Technology	15,043,112	16,707,692	11.07%
Other Corporate Programs	<u>11,601,849</u>	<u>12,479,059</u>	7.56%
Subtotal Operating Programs	<u>46,127,234</u>	<u>49,639,560</u>	7.61%
Debt - Head Office	<u>1,484,204</u>	<u>1,484,367</u>	0.01%
Capital - Head Office	<u>1,845,801</u>	<u>1,977,733</u>	7.15%
TOTAL EXPENDITURES	<u>\$ 49,457,239</u>	<u>\$ 53,101,660</u>	7.37%

REVENUES			
Allocated to Functional Departments	\$ 38,203,336	\$ 40,247,109	5.35%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Internal Recoveries	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	1,976,686	2,033,297	2.86%
Other Funds/Reserves/Surplus	<u>9,277,217</u>	<u>10,821,254</u>	16.64%
TOTAL REVENUES	<u>\$ 49,457,239</u>	<u>\$ 53,101,660</u>	7.37%

**GREATER VANCOUVER REGIONAL DISTRICT
CHIEF ADMINISTRATIVE OFFICE
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
CAO's Office	\$ 1,002,984	\$ 1,047,685	4.46%
CAO / Chair Administrative Support	<u>317,927</u>	<u>323,184</u>	1.65%
TOTAL EXPENDITURES	<u>\$ 1,320,911</u>	<u>\$ 1,370,869</u>	3.78%

REVENUES			
Allocated to Functional Departments	\$ 1,320,911	\$ 1,370,869	3.78%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	-	-	
Other Funds/Reserves/Surplus	<u>-</u>	<u>-</u>	
TOTAL REVENUES	<u>\$ 1,320,911</u>	<u>\$ 1,370,869</u>	3.78%

**GREATER VANCOUVER REGIONAL DISTRICT
CORPORATE RELATIONS
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Corporate Relations Administration	230,199	\$ 251,380	9.20%
Corporate Relations Department Support	371,051	384,938	3.74%
External Outreach	820,933	865,494	5.43%
Intergovernmental	116,409	123,846	6.39%
International	25,457	-	(100.00%)
Corporate Communications	1,680,621	2,010,713	19.64%
Multi-Media Services	1,072,712	978,036	(8.83%)
Graphics	245,510	256,249	4.37%
Web Programs	387,362	415,045	7.15%
Sustainability Academy	180,949	231,545	27.96%
Media Relations and Issues Management	356,331	394,315	10.66%
TOTAL EXPENDITURES	<u>\$ 5,487,534</u>	<u>\$ 5,911,561</u>	7.73%

REVENUES			
Allocated to Functional Departments	\$ 5,287,534	\$ 5,816,561	10.01%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	-	-	
Other Funds/Reserves/Surplus	200,000	95,000	100%
TOTAL REVENUES	<u>\$ 5,487,534</u>	<u>\$ 5,911,561</u>	7.73%

**GREATER VANCOUVER REGIONAL DISTRICT
FINANCE AND ADMINISTRATION
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Accounting Operations	\$ 1,008,937	\$ 1,058,900	4.95%
Accounts Payable	439,640	456,388	3.81%
Duplicating Services	394,197	472,173	19.78%
Finance - Administration	356,993	370,397	3.75%
Finance - Department Support	119,615	114,512	(4.27%)
Financial Planning and Analysis	1,069,286	1,109,039	3.72%
Financial Policy and Research	267,637	255,514	(4.53%)
Financial Processes & Systems	458,833	475,059	3.54%
Internal Audit	425,699	428,027	0.55%
Purchasing and Mail Reception	283,450	263,299	(7.11%)
Materials Management	649,718	682,086	4.98%
Payroll Operations	280,602	296,496	5.66%
Property - Division Support	396,060	400,667	1.16%
Property - Land & Right of Way Management	359,746	354,829	(1.37%)
Property - Land Acquisition for New Projects	494,662	535,262	8.21%
Property - Outstanding Right of Way Acquisition	286,759	292,430	1.98%
Purchasing	1,272,854	1,262,519	(0.81%)
Risk Management	116,386	142,447	22.39%
Treasury	277,186	288,633	4.13%
TOTAL EXPENDITURES	<u>\$ 8,958,260</u>	<u>\$ 9,258,677</u>	3.35%

REVENUES			
Allocated to Functional Departments	\$ 8,939,020	\$ 9,238,472	3.35%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Other External Revenues	19,240	20,205	5.02%
Other Funds / Reserves / Surplus	-	-	
TOTAL REVENUES	<u>\$ 8,958,260</u>	<u>\$ 9,258,677</u>	3.35%

**GREATER VANCOUVER REGIONAL DISTRICT
HUMAN RESOURCES
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs			
Employee Training, Learning & Development	\$ 522,973	\$ 524,670	0.32%
Administration	237,104	245,749	3.65%
Department Support	184,944	207,552	12.22%
Employee Attendance Support Program	226,453	235,160	3.84%
Employee Benefits Program	195,837	203,421	3.87%
Employee Selection & Recruitment	972,524	974,443	0.20%
Processes & Systems	399,737	490,811	22.78%
Job Evaluation Services	52,313	65,922	26.01%
Labour Relations Issues	234,020	258,154	10.31%
Organization Development	501,182	515,274	2.81%
Employee Programs	168,981	171,046	1.22%
Community Team	19,500	19,500	0.00%
TOTAL EXPENDITURES	<u>\$ 3,715,568</u>	<u>\$ 3,911,702</u>	5.28%

REVENUES			
Allocated to Functional Departments	\$ 3,575,568	\$ 3,771,702	5.49%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	-	-	
Other Funds / Reserves / Surplus	140,000	140,000	0.00%
TOTAL REVENUES	<u>\$ 3,715,568</u>	<u>\$ 3,911,702</u>	5.28%

**GREATER VANCOUVER REGIONAL DISTRICT
INFORMATION TECHNOLOGY
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Administration	\$ 331,975	\$ 344,303	3.71%
Application Services	6,682,589	7,111,406	6.42%
Project Management and Planning	555,259	577,385	3.98%
Corporate Telecommunications Services	623,442	633,915	1.68%
Database Administration	277,861	288,513	3.83%
Department Support	231,633	239,072	3.21%
Desktop Management & Support	2,807,099	3,465,379	23.45%
Geographic Information System	926,198	811,264	(12.41%)
Infrastructure Management	2,607,056	3,236,455	24.14%
TOTAL EXPENDITURES	<u>\$ 15,043,112</u>	<u>\$ 16,707,692</u>	11.07%

REVENUES			
Allocated to Functional Departments	\$ 9,095,748	\$ 9,390,047	3.24%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	-	-	
Other Funds / Reserves / Surplus	5,947,364	7,317,645	23.04%
TOTAL REVENUES	<u>\$ 15,043,112</u>	<u>\$ 16,707,692</u>	11.07%

**GREATER VANCOUVER REGIONAL DISTRICT
OTHER CORPORATE PROGRAMS
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Aboriginal Relations	\$ 141,865	\$ 269,283	89.82%
Building Operations - Head Office	4,068,499	4,578,787	12.54%
Corporate Library	242,508	252,349	4.06%
Corporate Records & Information Management	343,371	420,785	22.55%
Corporate Safety - Accident Prevention Services	810,509	815,815	0.65%
Corporate Safety - SSEM Regulatory Training	949,760	895,309	(5.73%)
Corporate Security & Emergency Management	177,460	177,460	0.00%
Corporate Security - Contracted Security Services	1,284,658	1,350,342	5.11%
Corporate Waste Reduction	125,356	153,120	22.15%
Metro Vancouver Employee Trip Reduction Program	246,520	255,654	3.71%
In House Legal	1,053,823	1,127,283	6.97%
Information Center	226,950	265,382	16.93%
Corporate Environmental Management	139,549	144,785	3.75%
Public Consultation & Community Relations	1,670,552	1,650,532	(1.20%)
WNV Corporate Integrated Prevention	120,469	122,173	1.41%
Subtotal Operating Programs	11,601,849	12,479,059	7.56%
Debt - Head Office	1,484,204	1,484,367	0.01%
Capital - Head Office	1,845,801	1,977,733	7.15%
TOTAL EXPENDITURES	\$ 14,931,854	\$ 15,941,159	6.76%

REVENUES			
Allocated to Functional Departments	\$ 9,984,555	\$ 10,659,458	6.76%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other External Revenues	1,957,446	2,013,092	2.84%
Other Funds / Reserves / Surplus	2,989,853	3,268,609	9.32%
TOTAL REVENUES	\$ 14,931,854	\$ 15,941,159	6.76%

**GREATER VANCOUVER REGIONAL DISTRICT
UTILITY ADMINISTRATION AND SUPPORT PROGRAM SUMMARY
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Operations & Maintenance - Administration	\$ 608,030	\$ 634,718	4.39%
Operations & Maintenance - Department Support	989,957	1,069,805	8.07%
Operations & Maintenance - Management Systems	1,719,057	1,881,228	9.43%
O&M - Lake City Operations	1,644,714	1,866,968	13.51%
Engineering & Construction - Administration	366,780	379,388	3.44%
Engineering & Construction - Department Support	906,774	939,881	3.65%
Engineering & Construction - Technical Management	600,568	601,053	0.08%
Engineering & Construction - Utility Voice Radio	344,086	373,703	8.61%
Engineering & Construction - Engineers in Training	673,008	958,951	42.49%
Engineering & Construction - Dispatch	209,695	221,379	5.57%
P&P - Administration	561,928	580,983	3.39%
P&P - Integrated Planning Administration	180,488	187,188	3.71%
P&P - Department Support	1,134,491	1,266,685	11.65%
P&P - Indicators & Measures	131,489	136,365	3.71%
TOTAL EXPENDITURES	<u>\$ 10,071,065</u>	<u>\$ 11,098,295</u>	10.20%

REVENUES			
Allocated to Functional Departments	\$ 10,071,065	\$ 10,898,295	8.21%
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other Funds/Reserves/Surplus	-	-	
Other External Revenues	-	200,000	100%
TOTAL REVENUES	<u>\$ 10,071,065</u>	<u>\$ 11,098,295</u>	10.20%

CORPORATE VEHICLE PURCHASES			
Replacement Purchases:			
Fleet Vehicles	<u>\$ 2,000,000</u>	<u>\$ 5,457,000</u>	172.85%

**GREATER VANCOUVER REGIONAL DISTRICT
DEMAND REDUCTION PROGRAM SUMMARY
2011 BUDGET**

	2010 BUDGET	2011 BUDGET	% CHANGE
EXPENDITURES			
Operating Programs:			
Integrated Energy Opportunities	\$ 519,588	\$ 421,459	(18.89%)
TOTAL EXPENDITURES	<u>\$ 519,588</u>	<u>\$ 421,459</u>	(18.89%)

REVENUES			
Allocated to Functional Departments	\$ 519,588	\$ 421,459	(18.89%)
GVRD Municipal Levy	-	-	
GVS&DD Levy	-	-	
Electoral Areas Levy	-	-	
User Fees	-	-	
Water Sales	-	-	
Transfer from DCC Reserves	-	-	
BOD/TSS Industrial Charges	-	-	
Other Funds/Reserves/Surplus	-	-	
Other External Revenues	-	-	
TOTAL REVENUES	<u>\$ 519,588</u>	<u>\$ 421,459</u>	(18.89%)