



CITY OF BLACK DIAMOND
March 5, 2009 Workstudy Agenda
25510 Lawson St., Black Diamond, Washington

Workstudies are meetings for Council to review upcoming and pertinent business of the City. Public testimony is only accepted at the discretion of the Council.

6:00 P.M. – CALL TO ORDER, ROLL CALL

- 1.) Stormwater Rates
- 2.) Adjournment

City of Black Diamond

Stormwater rate analysis

March 5, 2009

2008 and 2009 Budget	Page 1
Salary allocations	
Current Rates	

Rate options-a la Bonney Lake	Page 2
-------------------------------	--------

Rate options-changing ERU's	Page 3
-----------------------------	--------

Rate option using ramp-up	Page 4
Changing ERU's to 3,000	
Taking out charge for gravel	

Examples of rate change	Page 5
-------------------------	--------

Other Talking Points

Non-Profit exemptions

Low income/Sr Discount

Charging undeveloped property

Using other fund to subsidize Stormwater

City of Black Diamond
Drainage Fund Analysis
23-Feb-09

	2008 Drainage Budget	2008 Drainage Actual	2009 Drg Budget	2009 Estimate Actual
REVENUE				
User Charges-Residence-1,433 Units				204,919
User Charges-Multifamily-56 units				8,008
User Charges-Business-553.5 units				79,937
User Charges-City,PSE,K/C,School-159 units				22,737
User Charges-Non Profit-3@30.5 units 11 months			335,500	3,575
Operating Revenue	0	0	335,500	319,176
Other Revenues				
DOE-grant	75,000			75,000
Loan from Sewer Reserve	100,000	100,000		
Yarrow Bay-PW Dir Reimb			35,352	35,352
Investment Interest	606		200	500
Storm Impact fees				
Transfer from Capital Fd				
Subtotal Other Rev	175,606	100,000	35,552	110,852
Total Revenue	175,606	100,000	371,052	430,028
Beginning C&I Bal-unres			30,000	31,305
Beginning C&I Bal-Res				0
Total Beginning C&I			30,000	31,305
Total Revenue Sources	175,606	100,000	401,052	430,028
EXPENSES				
* Sal & Bene- Staff			92,870	92,870
* Sal & Bene-PW Dir (see Rev)			35,352	35,352
* Sal & Bene-Allocation			22,180	22,180
* (% of Gwen, Tracey, Rachel)				
Supplies			1,000	1,000
Fuel			2,000	2,000
Tools			500	500
Insurance			2,647	2,647
Professional Services			2,765	2,765
Repairs & Mtc.			2,000	2,000
KC Wtr Qual-Lk Sawyer			6,000	6,000
Travel, memberships, training			1,500	1,500
Wa State Storm Permit			1,000	1,000
Utilities			2,300	2,300
Legal Svs			4,140	4,140
Audit			5,000	5,000
Cost Alloc- Post, copies			18,820	18,820
Utility Tax			18,452	18,452
Total Operating Exp			218,526	218,526
Other Expenses				
PacWest-Permit	4,000	4,179		
1 PW Comp PI/NPDES per	145,390	64,316	100,000	81,074
Transfer for Equipment-CIP			10,000	10,000
Debt repayment			20,400	20,400
Replace or repair culverts-2				26,000
NPDES Prj/Vactor Truck rental				
Subtotal Other Exp	149,390	68,495	130,400	137,474
Total Uses			348,926	356,000
Reserved C&I Balance			52,126	52,126
Unreserved C&I Balance				0
Total Ending Cash & Invest.	0		52,126	52,126
Total Uses			401,052	408,126
net shortfall/surplus	26,216	31,505		21,902

1 The 2009 Expenditure budget for the NPDES Permit II expenditure, was the planned carryover balance of the Pac West contract .
My estimated actual had reduced that amount to the real balance of \$81,074 that will be a carry over budget change. The Stormwater DOE Grant of \$75,000 will be used with the carryover loan balance to pay for this contrace in 2009.

*Public works staff are allocated 25% to General Fund, and Streets, and 25% each to Water, Sewer and Stormwater
* Seth is allocated the same as Public Works Staff, with Yarrow Bay reimbursing all of his Sal & Bene as Revenue in each fund.
* Staff Allocation -Gwen approx 2 hrs per week, City Clerk and Sr Accountant approx 3 hrs per week.

Page 1

City of Black Diamond Drainage Fund Analysis 23-Feb-09					
Using Bonney Lakes ramp-up @ 2500 ERU	2009 Current \$13 ERU	\$6 @ 2,500 ERU's	\$8 @ 2,500 ERU's	\$10 @ 2,500 ERU's	\$12 @ 2,500 ERU's
REVENUE					
User Charges-Residence-1,433 Units	204,919	94,578	126,104	157,630	189,156
User Charges-Multifamily-56 units	8,008	3,696	4,928	6,160	7,392
User Charges-Business-553.5 units	79,937	36,531	48,708	61,490	73,788
User Charges-City,PSE,K/C,School-159 units	22,737	10,494	13,992	17,490	20,988
User Charges-Non Profit-3 @30.5 units 11 months	3,575	0	0	0	0
Operating Revenue	319,176	145,299	193,732	242,770	291,324
Other Revenues					
DOE-grant	75,000	75,000	75,000	75,000	75,000
Loan from Sewer Reserve		0			
Yarrow Bay-PW Dir Reimb	35,352	35,352	35,352	35,352	35,352
Investment Interest	500	500	500	500	500
Storm Impact fees					
Transfer from Capital Fd					
Subtotal Other Rev	110,852	110,852	110,852	110,852	110,852
Total Revenue	430,028		304,584	353,622	402,176
Beginning C&I Bal-unres	31,305	31,305	31,305	31,305	31,305
Beginning C&I Bal-Res	0			0	0
Total Beginning C&I	31,305	31,305	31,305	31,305	31,305
Total Revenue Sources	430,028	287,456	335,889	384,927	433,481
EXPENSE Black Diamond					
* Sal & Bene- Staff	92,870	92,870	92,870	92,870	92,870
* Sal & Bene-PW Dir (see Rev)	35,352	35,352	35,352	35,352	35,352
* Sal & Bene-Allocation	22,180	22,180	22,180	22,180	22,180
* (% of Gwen, Tracey, Rachel)					
Supplies	1,000	1,000	1,000	1,000	1,000
Fuel	2,000	2,000	2,000	2,000	2,000
Tools	500	500	500	500	500
Insurance	2,647	2,647	2,647	2,647	2,647
Professional Services	2,765	2,765	2,765	2,765	2,765
Repairs & Mtc.	2,000	2,000	2,000	2,000	2,000
KC Wtr Qual-Lk Sawyer	6,000	6,000	6,000	6,000	6,000
Travel, memberships, training	1,500	1,500	1,500	1,500	1,500
Wa State Storm Permit	1,000	1,000	1,000	1,000	1,000
Utilities	2,300	2,300	2,300	2,300	2,300
Legal Svs	4,140	4,140	4,140	4,140	4,140
Audit	5,000	5,000	5,000	5,000	5,000
Cost Alloc- Post, copies	18,820	18,820	18,820	18,820	18,820
Utility Tax	18,452	18,452	18,452	18,452	18,452
Total Operating Exp	218,526	218,526	218,526	218,526	218,526
Other Expenses					
PacWest-Permit					
PW Comp PI/NPDES per	81,074	81,074	81,074	81,074	81,074
Transfer for Equipment-CIP	10,000			10,000	10,000
Debt repayment	20,400	20,400	20,400	20,400	20,400
Replace or repair culverts	26,000				26,000
NPDES Pr/Vactor Truck rental					20,000
Subtotal Other Exp	137,474	101,474	101,474	111,474	157,474
Total Uses	356,000	320,000	320,000	330,000	376,000
Reserved C&I Balance	52,126	52,126	52,126	52,126	52,126
Unreserved C&I Balance	0			0	0
Total Ending Cash & Invest.	52,126	52,126	52,126	52,126	52,126
Total Uses	408,126	372,126	372,126	382,126	428,126
net shortfall/surplus	21,902	(84,670)	(36,237)	2,801	5,355

* Public Works staff are allocated 25% to General Fund and Streets, and 25% each to Water, Sewer and Stormwater

* Seth is allocated the same as Public Works staff, with Yarrow Bay reimburing all of his Sal & Bene, shown as revenue in each fund

* Staff Allocation-Gwen approximately 2 hrs per week, City Clerk and Sr Acct. approximately 3 hrs per week

City of Black Diamond
Drainage Fund Analysis
23-Feb-09

	2009 Current \$13 ERU 2500	\$10 Base @ 2500 ERU'S	\$10 Base @ 3000 ERU'S	\$10 Base @ 3500 ERU'S
Using \$10 base with various ERU'S				
REVENUE				
User Charges-Residence-1,433 Units	204,919	157,630	157,630	157,630
User Charges-Multifamily-56 units	8,008	6,160	6,060	6,160
User Charges-Business-553.5 units	79,937	61,490	51,238	43,890
User Charges-City,PSE,K/C,School-159 units	22,737	17,490	14,575	12,496
User Charges-Non Profit-3@30.5 units 11 months	3,575	0	0	0
Operating Revenue	319,176	242,770	229,503	220,176
Other Revenues				
DOE-grant	75,000	75,000	75,000	75,000
Loan from Sewer Reserve				
Yarrow Bay-Pw Dir Reimb	35,352	35,352	35,352	35,352
Investment Interest	500	500	500	500
Storm Impact fees				
Transfer from Capital Fd				
Subtotal Other Rev	110,852	110,852	110,852	110,852
Total Revenue	430,028	353,622	340,355	331,028
Beginning C&I Bal-unres	31,305	31,305	31,305	31,305
Beginning C&I Bal-Res	0	0		0
Total Beginning C&I	31,305	31,305	31,305	31,305
Total Revenue Sources	430,028	384,927	371,660	362,333
EXPENSE Black Diamond				
* Sal & Bene- Staff	92,870	92,870	92,870	92,870
* Sal & Bene-PW Dir (see Rev)	35,352	35,352	35,352	35,352
* Sal & Bene-Allocation	22,180	22,180	22,180	22,180
* (% of Gwen, Tracey, Rachel)				
Supplies	1,000	1,000	1,000	1,000
Fuel	2,000	2,000	2,000	2,000
Tools	500	500	500	500
Insurance	2,647	2,647	2,647	2,647
Professional Services	2,765	2,765	2,765	2,765
Repairs & Mtc.	2,000	2,000	2,000	2,000
KC Wtr Qual-Lk Sawyer	6,000	6,000	6,000	6,000
Travel, memberships, training	1,500	1,500	1,500	1,500
Wa State Storm Permit	1,000	1,000	1,000	1,000
Utilities	2,300	2,300	2,300	2,300
Legal Svs	4,140	4,140	4,140	4,140
Audit	5,000	5,000	5,000	5,000
Cost Alloc- Post, copies	18,820	18,820	18,820	18,820
Utility Tax	18,452	18,452	18,452	18,452
Total Operating Exp	218,526	218,526	218,526	218,526
Other Expenses				
PacWest-Permit				
PW Comp PI/NPDES per	81,074	81,074	81,074	81,074
Transfer for Equipment-CIP	10,000	10,000	10,000	5,000
Debt repayment	20,400	20,400	20,400	20,400
Replace or repair culvert	26,000			
NPDES Pr/Rent vactor Truck				20,000
Study possible Storm Pond				
Subtotal Other Exp	137,474	111,474	111,474	126,474
Total Uses	356,000	330,000	330,000	345,000
Reserved C&I Balance	52,126	52,126	52,126	52,126
Unreserved C&I Balance	0	0		0
Total Ending Cash & Invest.	52,126	52,126	52,126	52,126
Total Uses	408,126	382,126	382,126	397,126
net shortfall/surplus	21,902	2,801	(10,466)	(34,793)

* Public Works staff are allocated @ 25% General Fund & Street, and 25% each to Water, Sewer and Stormwater
* Seth is allocated the same as Public Works Staff, with Yarrow Bay reimbursing all of his Sal & Bene shown as revenue in each fund
* Staff Allocation-Gwen approximately 2 hrs per week, City Clerk and Sr Accountant approximately 2 hrs per week

City of Black Diamond
Drainage Fund Analysis
23-Feb-09

Ramp-up rates using 3000 ERU's 2009 11mo, 2010 & 2011 12 mo	2009 Current \$13 ERU 2500	2009-\$10 Base @ 3000 ERU'S	2010-\$11.50 Base @ 3000 ERU'S	2011-\$13 Base @ 3000 ERU'S
REVENUE				
User Charges-Residence-1,433 Units	204,919	157,630	197,754	223,548
User Charges-Multifamily-56 units	8,008	6,060	7,728	8,736
User Charges-Business-553.5 units	79,937	51,238	64,280	72,665
User Charges-City,PSE,K/C,School-159 units	22,737	14,575	18,285	20,670
User Charges-Non Profit-3@30.5 units	3,575	0	0	0
Less Gravel removal on bus/comm 25%		(16,453)	(20,641)	(23,334)
Operating Revenue	319,176	213,050	267,406	302,285
Other Revenues				
DOE-grant	75,000	75,000		
Loan from Sewer Reserve				
Yarrow Bay-PW Dir Reimb	35,352	35,352	36,413	38,234
Investment Interest	500	500	1,000	1,200
Storm Impact fees				
Transfer from Capital Fd				
Subtotal Other Rev	110,852	110,852	37,413	39,434
Total Revenue	430,028	323,902	304,819	341,719
Beginning C&I Bal-unres	31,305	31,305	40,876	36,422
Beginning C&I Bal-Res	0			0
Total Beginning C&I	31,305	31,305	40,876	36,422
Total Revenue Sources	430,028	355,207	345,695	378,141
EXPENSE Black Diamond				
* Sal & Bene- Staff	92,870	92,870	92,870	92,870
* Sal & Bene-P W Dir (see Rev)	35,352	35,352	35,352	35,352
* Sal & Bene-Allocation	22,180	22,180	22,180	22,180
* (% of Gwen, Tracey, Rachel)				
Supplies	1,000	1,000	1,000	1,000
Fuel	2,000	2,000	2,000	2,000
Tools	500	500	500	500
Insurance	2,647	2,647	2,647	2,647
Professional Services	2,765	2,765	2,765	2,765
Repairs & Mtc.	2,000	2,000	2,000	2,000
KC Wtr Qual-Lk Sawyer	6,000	6,000	6,000	6,000
Travel, memberships, training	1,500	1,500	1,500	1,500
Wa State Storm Permit	1,000	1,000	1,000	1,000
Utilities	2,300	2,300	2,300	2,300
Legal Svs	4,140	4,140	4,140	4,140
Audit	5,000	5,000	5,000	5,000
Cost Alloc- Post, copies	18,820	18,820	18,820	18,820
Utility Tax	18,452	12,783	16,044	18,137
Inflation 3% & 5%			6,386	11,125
Total Operating Exp	218,526	212,857	222,504	229,336
Other Expenses				
PacWest-Permit				
PW Comp PI/NPDES per	81,074	81,074		
Transfer for Equipment-CIP	10,000		10,000	10,000
Debt repayment	20,400	20,400	20,400	20,400
Replace or repair culvert	26,000		26,000	26,000
NPDES Permit/Rent Vactor			14,665	40,279
Subtotal Other Exp	137,474	101,474	71,065	96,679
Total Uses	356,000	314,331	293,569	326,015
Reserved C&I Balance	52,126	52,126	52,126	52,126
Unreserved C&I Balance	0	4,454		0
Total Ending Cash & Invest.	52,126	56,580	52,126	52,126
Total Uses	408,126	370,911	345,695	378,141
net shortfall/surplus	21,902	(15,704)	0	0

- * Public Works staff are allocated @ 25% General Fund & Street, and 25% each to Water, Sewer and Stormwater
- * Seth is allocated the same as Public Works Staff, with Yarrow Bay reimbursing all of his Sal & Bene shown as revenue in each fund
- * Staff Allocation-Gwen approximately 2 hrs per week, City Clerk and Sr Accountant approximately 2 hrs per week

City of Black Diamond

Stormwater Analysis-Monthly Rate Comparison

Company	Current Rate		Option 1		Option 2		Option 3	
		\$13 Base		\$10 Base		\$10 Base	w/o Gravel	\$10 Base
	2500 ERU's		2500 ERU's		3000 ERU's		(Estimates)	3000 ERU's
Lk. Sawyer Comm Cl	10 ERU's	\$130	10 ERU's	\$100	8.33 ERU's	\$83.30	6.3 ERU's	\$63
Sunrise Resort	46 ERU's	\$598	46 ERU's	\$460	38.3 ERU's	\$383	16 ERU's	\$160
BD Auto Wrecking	36 ERU's	\$468	36 ERU's	\$360	30 ERU's	\$300	12 Eru's	\$120
Pres Church	12.5 ERU's	\$163	12.5 ERU's	\$125	10.4 ERU's	\$104	2.3 ERU's	\$23
Palmer Coking	141 ERU's	\$1,833	141 Eru's	\$1,410	117.5 ERU's	\$1,175	21.7 ERU's	\$217
Anesthesia Equip.	26 ERU's	\$338	26 ERU's	\$260	21.7 ERU's	\$217	15.7 ERU's	\$157

Est @ 75%