2005-057

Brightwater Baseline Cost Summary - Comparison of 2004 Year Dollars with Inflated Costs at 3 Percent and 5 Percent

	2004 Life-To Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime
Costs Stated in 2004 Yr Dollars	Ziic To Date								Total
Treatment Plant Costs (423484)	92,676,721	80,110,202	35,261,810	35,472,166	103,210,333	155,710,441	51,046,715	24,898,378	578,386,765
Conveyance Costs (423575)	62,247,670	53,719,052	52,989,224	125,160,649	209,651,144	195,403,287	147,502,581	58,039,646	904,713,253
Total in 2004\$	154,924,391	133,829,254	88,251,034	160,632,815	312,861,477	351,113,728	198,549,296	82,938,023	1,483,100,018
Costs Inflated at 3% Treatment Plant Costs (423484)	92,676,721	82,513,508	27 400 254	20 761 202	116 164 130	100 F11 077	60.053.440	70 624 064	
Treatment Flant Costs (425464)	92,070,721	62,313,306	37,409,254	38,761,393	116,164,139	180,511,077	60,952,448	30,621,864	639,610,404
Conveyance Costs (423575)	62,247,670	55,330,624	56,216,267	136,766,421	235,964,209	226,525,965	176,125,795	71,381,443	1,020,558,395
Total with Inflation at 3%	154,924,391	137,844,132	03 635 533	175 527 014	252 120 240	407 027 042	227 070 242	102 002 207	1.660.160.700
Inflation Increase over 2004\$	134,924,391	4,014,878	93,625,522 5,374,488	175,527,814 14,894,999	352,128,348 39,266,872	407,037,042 55,923,314	237,078,243 38,528,947	102,003,307 19,065,284	1,660,168,799 177,068,781
		.,0,00	0,07.1,100	1 1,00 1,000	00,200,012	00,020,014	00,020,047	10,000,204	177,000,701
Costs Inflated at 5%			•						
Treatment Plant Costs (423484)	92,676,721	84,115,712	38,876,145	41,063,466	125,452,805	198,730,365	68,407,481	35,034,518	684,357,212
Conveyance Costs (423575)	62,247,670	56,405,005	58,420,619	144,889,097	254,832,275	249,389,613	197,667,565	81,667,610	1,105,519,454
Total with Inflation at 5%	154,924,391	140,520,717	97,296,765	185,952,562	380,285,080	448,119,977	266,075,046	116,702,128	1,789,876,667
Inflation Increase over 2004\$		6,691,463	9,045,731	25,319,747	67,423,604	97,006,249	67,525,750	33,764,104	306,776,648

NOTE: Exhibits 1-6 are summarized above

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate

Exhibit 1 Brightwater Conveyance Baseline Budget: 2004 Year Dollars

LEMENTATION/CONSTRUCTION	Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
	 								
Ling County Construction Contracts									
Construction Contracts	-364.387	112,778	20,314,283	98,683,601	174,890,260	163,361,019	54,196,654	301,422	511,495,6
Construction Contracts Mitigation	0	0	0	733,227	1,386,889	1,353,601	689,453	0	4,163,1
Contingency (Construction)	0	0	0	0	0	0	25,621,761	25,494,221	51,115,9
ales Tax	0	10,037	1,807,971	8,833,500	15,661,055	14,632,652	7,157,706	2,295,812	50,398,7
Subtotal KC Construction Contracts	-364,387	122,815	22,122,254	108,250,328	191,938,203	179,347,272	87,665,573	28,091,455	617,173,
wner Furnished Equipment and Materials				•					
rocurement Contracts	66,419	0	0	0	0	0	0	0	66,
ales Tax (prorated)	0	0	0	0	0	. 0	0	0	
Subtotal Owner Furnished Equipment	66,419	0	0	0	0 .	0	0	0	66,4
Putside Agency Implementation/Construction **	. 0	. 0	0	0	^	0			
Itility Relocations, etc.		0	<u>U</u>	0	0	0	0	0	
Subtotal Outside Agency Costs		U	U		U	U	0	0	**
Other Capital Charges	3,601	0	0	0	0	0	0	0	- 3,
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0	3,
TOTAL IMPLEMENTATION/CONSTRUCTION	-294,367	122,815	22,122,254	108,250,328	191,938,203	179,347,272	87,665,573	28,091,455	617,243,
ingineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services	42,773,377	25,788,207 25,788,207	16,237,019 16,237,019	13,371,663 13,371,663	14,326,781 14,326,781	13,371,663 13,371,663	9,551,188 9,551,188	2,865,356 2,865,356	138,285,2 138,285,2
	, , , , , , ,	,	,,		- 1, 1,	,-,	-,,	_,,	120,200,2
ermitting and Other Agency Support ermits and Licenses	43,275	739,181	2,217,544	0	0	0	0	0	3,000,0
ocal Agency Project Costs	577,684	8,652,101	8,536,042	61,044	61,044	61.044	61,044	0	18,010,0
% for Art Payment	0	0,052,101	0,550,042	100,000	01,044	01,044	01,044	0	100,0
Subtotal Permitting and Other Agency Support	620,959	9,391,282	10,753,585	161,044	61,044	61,044	61,044	0	21,110,
light-of-Way (not incl. in allied cost calcs.)				•					
and Purchases/Easements/Relocations	6,132,094	10,638,300	0	0	0	0	0	0	16,770,
and Purchases/Easements/Relocations - Mitigation		4,033,333							4,033,
Subtotal Right-of-Way	6,132,094	14,671,633	0	0.	0	0	0	0	20,803,
lisc. Services & Materials	AM 4 AA -	102 205	100.000	*****		,			
Office and Transportation Costs	276,283	103,388	103,388	103,388	103,388	103,388	103,388	103,388	1,000,
	21,500	14,286	14,286	14,286	14,286	14,286	14,286	14,286	121,
quipment	175,830	42,857	42,857	42,857	42,857	42,857	42,857	42,857	475,
upplies and Safety		14,286	14,286	14,286	14,286	14,286	14,286	14,286	128,
upplies and Safety rofessional Development/Travel	28,814	60 224	CO 224						
upplies and Safety rofessional Development/Travel rinting, Courier and Media Services	658,328	68,334	68,334 71,430	68,334 71,430	68,334	22,778	22,778	22,778	
upplies and Safety rofessional Development/Travel	•	68,334 71,429 7,143	68,334 71,429 7,143	68,334 71,429 7,143	71,429 7,143	71,429 7,143	71,429 7,143	71,429 7,143	1,000, 1,774, 50,

Exhibit 1 Brightwater Conveyance Baseline Budget: 2004 Year Dollars

ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
Staff Labor			V	·		• • • • • • • • • • • • • • • • • • • •	 ,		·······
<u> Non-WTD Support</u>									
Central Services	334,710	330,000	330,000	0	0	0	0	0	994
Legal Services	229,793	75,000	75,000	37,500	37,500	37,500	37,500	25,000	554
PCSPD/Cost Price Analysis	476,059	7,143	7,143	7,143	7,143	7,143	7,143	7,143	526
Surface Water Management	190,896	8,333	8,333	8,333	8,333	8,333	8,333	0	240
WLRD	2,025,112	50,000	50,000	50,000	50,000	50,000	50,000	Ô	2,32
DNRP	339,851	16,667	16,667	16,667	16,667	16,667	16,667	0	439
Other	9,409	16,667	16,667	16,667	16,667	16,667	16,667	Ô	109
Subtotal Non-WTD Support	3,605,830	503,810	503,810	136,310	136,310	136,310	136,310	32,143	5,190
Wastewater Treatment Division									
4100 WTD Manager's Office	17,055	8,333	8,333	8,333	8,333	8,333	8,333	0	67
4200 Finance & Administrative Services		•	•	•	•	,	-,	•	•
4240 Technical Publications	42,187	0	0	0	52,500	52,500	52,500	52,500	252
4400 East Operations	7,467	8,333	8,333	8,333	8,333	8,333	8,333	0	57
4500 West Operations	5,775	8,333	8,333	8,333	8,333	8,333	8,333	0	55
4600 Planning & Compliance				,	•	•	.,		
4620 Tech. & Resource Recovery	5,805	4,167	4,167	4,167	4,167	4,167	4,167	0	30
4130 Environmental Compliance	439,184	157,500	157,500	105,000	52,500	52,500	0	0	964
4651 Community Relations	517,418	262,500	262,500	262,500	262,500	262,500	262,500	262,500	2,354
4661 Technical Resources	244,088	52,500	52,500	26,250	26,250	´ 0	0	0	401
4662 Comprehensive Planning	13,606	0	0	0	, O	0	0	0	13
4960 Combined Sewer Overflow	21,125	0	0	0	0	0	0	0	21
4800 Asset Management									
4810 Asset Management Manager	15,317	4,167	4,167	4,167	4,167	4,167	4,167	0	40
4830 Construction Management	21,488	8,333	8,333	8,333	8,333	8,333	8,333	0	71
4840 Inspections and Scheduling	72,864	16,667	16,667	16,667	16,667	16,667	16,667	0	172
4850 Engineering	164,361	262,500	315,000	315,000	315,000	157,500	52,500	26,250	1,608
4870 Indirect Charges	27,714	0	0	0	0	0	0	0	2
4900 Major CIP									
4910 Major CIP Manager	2,125,567	525,000	525,000	525,000	525,000	315,000	315,000	210,000	5,065
4860 Program Management	1,237,559	525,000	630,000	630,000	630,000	525,000	315,000	105,000	4,59
4930 Treatment	508,010	26,250	0	0	0	0	0	0	534
4940 Conveyance	324,923	315,000	315,000	315,000	315,000	315,000	105,000	0	2,004
4951 Permitting & Right of Way	633,468	315,000	315,000	315,000	262,500	105,000	78,750	0	2,024
4990 Project Controls	529,145	420,000	420,000	367,500	367,500	367,500	315,000	210,000	2,996
Subtotal WTD	6,974,126	2,919,583	3,050,833	2,919,583	2,867,083	2,210,833	1,554,583	866,250	23,362
Total Staff Labor	10,579,956	3,423,393	3,554,643	3,055,893	3,003,393	2,347,143	1,690,893	898,393	28,553
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	62,542,037	53,596,237	30,866,970	16,910,322	17,712,940	16,056,015	11,579,290	4,039,915	213,303
Total Project Cost	62,247,670	53,719,052	52,989,224	125,160,649	209,651,144	195,403,287	99,244,864	32,131,371	830,547
Contingency - Project	0	0.	0	0	0	0	48,257,717	25,908,275	74,165
Lease/Rental/Other Credits and Revenues	0	. 0	0	0	0	0	0	0	,
Total Plus Contingency, Credits and Revenues	62,247,670	53,719,052	52,989,224	125,160,649	209,651,144	195,403,287	147,502,581	58,039,646	904,713

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 2 Brightwater Conveyance Baseline Budget: 2004 Year Dollars Inflated at 3 Percent

ггем	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
LEMENTATION/CONSTRUCTION									
King County Construction Contracts									
Construction Contracts	-364,387	116,161	21,551,423	107,834,235	196,840,528	189,380,194	64,713,639	370,711	580,442,5
Construction Contracts Mitigation	-504,507	0	21,331,423	801,217	1,560,956	1,569,194	823,242	370,711	4,754,6
Contingency (Construction)	o 0	0	0	0	1,500,550	1,509,194	•	=	
Sales Tax	ő	10.338	1,918,077	9.652.604	17,626,655	*	30,593,723	31,354,676	61,948,
Subtotal KC Construction Contracts	-364,387	126,500	23,469,499	118,288,056	216,028,139	16,963,254 207,912,642	8,546,675 104,677,279	2,823,559 34,548,947	57,541, 704,686,
Owner Furnished Equipment and Materials									
Procurement Contracts	66,419	0	0	0	0	0	0	. 0	66,
Sales Tax	00,115	Ö	0	Ô	0	ő	0	0	00,
Subtotal Owner Furnished Equipment	66,419	0	0	0	0	0	. 0	0	66,
Outside Agency Implementation/Construction **									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	
Other Capital Charges	3,601	0	0	0	0	. 0	0	0	3
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0	3
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION	-294,367	126,500	23,469,499	118,288,056	216,028,139	207,912,642	104,677,279	34,548,947	704,756,
· · · · · · · · · · · · · · · · · · ·	-294,367 42,773,377 42,773,377	126,500 26,561,853 26,561,853	23,469,499 17,225,853 17,225,853	118,288,056 14,611,577 14,611,577	216,028,139 16,124,919 16,124,919	207,912,642 15,501,422 15,501,422	104,677,279 11,404,617 11,404,617	34,548,947 3,524,027 3,524,027	704,756, 147,727, 147,727,6
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services	42,773,377	26,561,853	17,225,853	14,611,577	16,124,919	15,501,422	11,404,617	3,524,027	147,727,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services	42,773,377	26,561,853 26,561,853	17,225,853 17,225,853	14,611,577	16,124,919	15,501,422	11,404,617 11,404,617	3,524,027 3,524,027	147,727,6
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support	42,773,377 42,773,377 43,275	26,561,853	17,225,853 17,225,853 2,352,592	14,611,577 14,611,577	16,124,919 16,124,919 0	15,501,422 15,501,422	11,404,617 11,404,617	3,524,027 3,524,027	147,727 147,727,6
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses	42,773,377 42,773,377	26,561,853 26,561,853 761,357	17,225,853 17,225,853	14,611,577 14,611,577 0 66,704	16,124,919 16,124,919	15,501,422 15,501,422	11,404,617 11,404,617 0 72,889	3,524,027 3,524,027	147,727 147,727, 3,157, 18,824,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	42,773,377 42,773,377 43,275 577,684	26,561,853 26,561,853 761,357 8,911,664	17,225,853 17,225,853 2,352,592 9,055,886	14,611,577 14,611,577	16,124,919 16,124,919 0 68,705	15,501,422 15,501,422 0 70,766	11,404,617 11,404,617	3,524,027 3,524,027	147,727 147,727, 3,157, 18,824,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment	42,773,377 42,773,377 43,275 577,684 0	26,561,853 26,561,853 761,357 8,911,664 0	17,225,853 17,225,853 2,352,592 9,055,886 0	14,611,577 14,611,577 0 66,704 109,273	16,124,919 16,124,919 0 68,705 0	15,501,422 15,501,422 0 70,766 0	11,404,617 11,404,617 0 72,889 0	3,524,027 3,524,027 0 0	147,727 147,727, 3,157, 18,824,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	42,773,377 42,773,377 43,275 577,684 0	26,561,853 26,561,853 761,357 8,911,664 0	17,225,853 17,225,853 2,352,592 9,055,886 0	14,611,577 14,611,577 0 66,704 109,273	16,124,919 16,124,919 0 68,705 0	15,501,422 15,501,422 0 70,766 0	11,404,617 11,404,617 0 72,889 0	3,524,027 3,524,027 0 0	147,727 147,727, 3,157, 18,824, 109, 22,090,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	42,773,377 42,773,377 43,275 577,684 0 620,959	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479	14,611,577 14,611,577 0 66,704 109,273 175,977	16,124,919 16,124,919 0 68,705 0 68,705	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889	3,524,027 3,524,027 0 0 0	147,727 147,727, 3,157, 18,824, 109, 22,090,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations	42,773,377 42,773,377 43,275 577,684 0 620,959	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479	14,611,577 14,611,577 0 66,704 109,273 175,977	16,124,919 16,124,919 0 68,705 0 68,705	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889	3,524,027 3,524,027 0 0 0	147,727 147,727 3,157 18,824 109 22,090 17,089, 4,154
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0	16,124,919 16,124,919 0 68,705 0 68,705	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889	3,524,027 3,524,027 0 0 0 0	147,727 147,727 3,157 18,824 109 22,090 17,089, 4,154
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479 0 0	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0	16,124,919 16,124,919 0 68,705 0 68,705	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889	3,524,027 3,524,027 0 0 0 0	147,727 147,727 3,157 18,824 109 22,090 17,089 4,154 21,243
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0	16,124,919 16,124,919 0 68,705 0 68,705	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889	3,524,027 3,524,027 0 0 0 0	147,727 147,727 3,157 18,824 109 22,090, 4,154 21,243
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479 0 0	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0	16,124,919 16,124,919 0 68,705 0 68,705	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889	3,524,027 3,524,027 0 0 0 0 0	147,727 147,727 3,157 18,824 109 22,090 17,089 4,15 21,24 1,092 134
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479 0 0	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0 0	16,124,919 16,124,919 0 68,705 0 68,705 0 0 116,364 16,079	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889 0 0 0	3,524,027 3,524,027 0 0 0 0 0 0 0	147,727 147,727 3,157 18,824 109 22,090 17,089 4,154 21,243 1,092 134 514
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500 175,830	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782 106,490 14,714 44,143	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479 0 0 0	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0 0	16,124,919 16,124,919 0 68,705 0 68,705 0 0 0 116,364 16,079 48,236	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889 0 0 0 123,451 17,058 51,174	3,524,027 3,524,027 0 0 0 0 0 0 127,154 17,570 52,709	147,727 147,727 3,157 18,824 109 22,090 17,089 4,154 21,243 1,092 134 514 141
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500 175,830 28,814	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782 106,490 14,714 44,143 14,714	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479 0 0 0	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0 0	16,124,919 16,124,919 0 68,705 0 68,705 0 0 0 116,364 16,079 48,236 16,079	15,501,422 15,501,422 0 70,766 0 70,766	11,404,617 11,404,617 0 72,889 0 72,889 0 0 0 123,451 17,058 51,174 17,058	3,524,027 3,524,027 0 0 0 0 0 127,154 17,570 52,709 17,570	147,727 147,727, 3,157, 18,824, 109, 22,090, 4,154 21,243 1,092, 134, 514, 141, 1,034,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel Printing, Courier and Media Services	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500 175,830 28,814 658,328	26,561,853 26,561,853 761,357 8,911,664 0 9,673,020 10,957,449 4,154,333 15,111,782 106,490 14,714 44,143 14,714 70,384	17,225,853 17,225,853 2,352,592 9,055,886 0 11,408,479 0 0 0 109,684 15,156 45,467 15,156 72,496	14,611,577 14,611,577 0 66,704 109,273 175,977 0 0 0 112,975 15,610 46,831 15,610 74,671	16,124,919 16,124,919 0 68,705 0 68,705 0 0 0 116,364 16,079 48,236 16,079 76,911	15,501,422 15,501,422 0 70,766 0 70,766 0 0 0 119,855 16,561 49,683 16,561 26,406	11,404,617 11,404,617 0 72,889 0 72,889 0 0 0 123,451 17,058 51,174 17,058 27,198	3,524,027 3,524,027 0 0 0 0 0 127,154 17,570 52,709 17,570 28,014	147,727 147,727,

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 2 Brightwater Conveyance Baseline Budget: 2004 Year Dollars Inflated at 3 Percent

ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
Staff Labor	.								
Non-WTD Support									
Central Services	334,710	339,900	350,097	0	0	0	0	0	1,024,70
Legal Services	229,793	77,250	79,568	40,977	42,207	43,473	44,777	30,747	588,79
PCSPD/Cost Price Analysis	476,059	7,357	7,578	7,805	8,039	8,281	8,529	8,785	532,4
Surface Water Management	190,896	8,583	8,841	9,106	9,379	9,661	9,950	. 0	246,4
WLRD	2,025,112	51,500	53,045	54,636	56,275	57,964	59,703	0	2,358,2
DNRP	339,851	17,167	17,682	18,212	18,758	19,321	19,901	0	450,8
Other	9,409	17,167	17,682	18,212	18,758	19,321	19,901	0	120,4
Subtotal Non-WTD Support	3,605,830	518,924	534,492	148,949	153,418	158,020	162,761	39,532	5,321,9
Wastewater Treatment Division									
4100 WTD Manager's Office	17,055	8,583	8,841	9,106	9,379	9,661	9,950	0	72,5
4200 Finance & Administrative Services						•			•
4240 Technical Publications	42,187	0	0	0	59,089	60,862	62,688	64,568	289,3
4400 East Operations	7,467	8,583	8,841	9,106	9,379	9,661	9,950	. 0	62,9
4500 West Operations	5,775	8,583	8,841	9,106	9,379	9,661	9,950	0	61,2
4600 Planning & Compliance						-			-
4620 Tech. & Resource Recovery	5,805	4,292	4,420	4,553	4,690	4,830	4,975	0	33,5
4130 Environmental Compliance	439,184	162,225	167,092	114,736	59,089	60,862	0	0	1,003,1
4651 Community Relations	517,418	270,375	278,486	286,841	295,446	304,309	313,439	322,842	2,589,1
4661 Technical Resources	244,088	54,075	55,697	28,684	29,545	0	0	. 0	412,0
4662 Comprehensive Planning	13,606	0	0	0	. 0	0	0	0	13,6
4960 Combined Sewer Overflow	21,125	0	0	0	0	0	0	0	21,1
4800 Asset Management									-
4810 Asset Management Manager	15,317	4,292	4,420	4,553	4,690	4,830	4,975	0	43,0
4830 Construction Management	21,488	8,583	8,841	9,106	9,379	9,661	9,950	0	77,0
4840 Inspections and Scheduling	72,864	17,167	17,682	18,212	18,758	19,321	19,901	0	183,9
4850 Engineering	164,361	270,375	334,184	344,209	354,535	182,586	62,688	32,284	1,745,2
4870 Indirect Charges	27,714	0	0	0	. 0	0	0	. 0	27,7
4900 Major CIP									•
4910 Major CIP Manager	2,125,567	540,750	556,973	573,682	590,892	365,171	376,126	258,274	5,387,4
4860 Program Management	1,237,559	540,750	668,367	688,418	709,071	608,619	376,126	129,137	4,958,0
4930 Treatment	508,010	27,038	0	0	0	. 0	0	. 0	535,0
4940 Conveyance	324,923	324,450	334,184	344,209	354,535	365,171	125,375	0	2,172,8
4951 Permitting & Right of Way	633,468	324,450	334,184	344,209	295,446	121,724	94,032	0	2,147,5
4990 Project Controls	529,145	432,600	445,578	401,577	413,624	426,033	376,126	258,274	3,282,9
Subtotal WTD	6,974,126	3,007,171	3,236,629	3,190,308	3,226,928	2,562,962	1,856,254	1,065,378	25,119,7
Subtotal Total Staff Labor	10,579,956	3,526,095	3,771,121	3,339,257	3,380,345	2,720,982	2,019,014	1,104,910	30,441,6
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	62,542,037	55,204,124	32,746,768	18,478,365	19,936,070	18,613,322	13,826,278	4,968,586	226,315,5
Total Project Cost	62,247,670	55,330,624	56,216,267	136,766,421	235,964,209	226,525,965	118,503,557	39,517,533	931,072,2
Contingency - Project	0	0	0	0	0	0	57,622,238	31,863,910	89,486,1
Lease/Rental/Other Credits and Revenues	0	0	0	0	0	0	0	0	25,100,1
Total Plus Contingency, Credits and Revenues	62,247,670	55,330,624	56,216,267	136,766,421	235,964,209	226,525,965	176,125,795	71,381,443	1,020,558,3

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 3 Brightwater Conveyance Baseline Budget: 2004 Year Dollars Inflated at 5 Percent

ПЕМ	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
PLEMENTATION/CONSTRUCTION		 .							
King County Construction Contracts									
Construction Contracts	-364,387	118,417	22,396,497	114,238,604	212,580,204	208,494,657	72,628,700	424,131	630,516,8
Construction Contracts Mitigation	. 0	Ó	0	848,802	1,685,772	1,727,575	923,932	0	5.186.0
Contingency (Construction)	0	0	0	0	0	0	34,335,610	35,872,929	70,208,5
Sales Tax	0	10.539	1,993,288	10,225,880	19,036,110	18,675,384	9,592,010	3,230,438	62,763,6
Subtotal KC Construction Contracts	-364,387	128,956	24,389,785	125,313,286	233,302,086	228,897,616	117,480,253	39,527,499	768,675,0
Owner Furnished Equipment and Materials									
Procurement Contracts	66,419	0	0	0	0	0	0	0	66,4
Sales Tax	. 0	0	. 0	0	0	0	Ŏ	ō	••,
Subtotal Owner Furnished Equipment	66,419	0	0	0	0	0	0	0	66,4
Outside Agency Implementation/Construction **									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	
Other Capital Charges	3,601	0	0	0	0	0	0	0	3,6
Subtotal Other Capital Charges	3,601	0	0	. 0	0	0	0	0	3,6
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION	-294,367	128,956	24,389,785	125,313,286	233,302,086	228,897,616	117,480,253	39,527,499	768,745,1
TOTAL IMPLEMENTATION/CONSTRUCTION	-294,367 -294,367 42,773,377 42,773,377	27,077,617 27,077,617	24,389,785 17,901,313 17,901,313	125,313,286 15,479,371 15,479,371	17,414,292	17,066,006	12,799,505	4,031,844	768,745,1 154,543,3 154,543,32
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services	42,773,377	27,077,617	17,901,313	15,479,371		, , , , , , , , , , , , , , , , , , ,			· · ·
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support	42,773,377 42,773,377	27,077,617 27,077,617	17,901,313 17,901,313	15,479,371 15,479,371	17,414,292 17,414,292	17,066,006 17,066,006	12,799,505 12,799,505	4,031,844 4,031,844	154,543,3 154,543,3
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses	42,773,377 42,773,377 43,275	27,077,617 27,077,617 776,140	17,901,313 17,901,313 2,444,842	15,479,371 15,479,371	17,414,292 17,414,292	17,066,006 17,066,006	12,799,505 12,799,505	4,031,844 4,031,844	154,543,3 154,543,3 3,264,2
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	42,773,377 42,773,377 43,275 577,684	27,077,617 27,077,617 776,140 9,084,706	17,901,313 17,901,313 2,444,842 9,410,986	15,479,371 15,479,371 0 70,665	17,414,292 17,414,292 0 74,199	17,066,006 17,066,006 0 77,909	12,799,505 12,799,505 0 81,804	4,031,844 4,031,844 0 0	154,543,3 154,543,3 3,264,2 19,377,9
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses	42,773,377 42,773,377 43,275	27,077,617 27,077,617 776,140	17,901,313 17,901,313 2,444,842	15,479,371 15,479,371	17,414,292 17,414,292	17,066,006 17,066,006	12,799,505 12,799,505	4,031,844 4,031,844	154,543,3 154,543,3 3,264,2 19,377,9 115,7
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	42,773,377 42,773,377 43,275 577,684 0	27,077,617 27,077,617 776,140 9,084,706 0	17,901,313 17,901,313 2,444,842 9,410,986 0	15,479,371 15,479,371 0 70,665 115,763	17,414,292 17,414,292 0 74,199 0	17,066,006 17,066,006 0 77,909 0	12,799,505 12,799,505 0 81,804 0	4,031,844 4,031,844 0 0	154,543,3 154,543,3 3,264,2 19,377,9 115,7
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment	42,773,377 42,773,377 43,275 577,684 0 620,959	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828	15,479,371 15,479,371 0 70,665 115,763 186,428	17,414,292 17,414,292 0 74,199 0 74,199	17,066,006 17,066,006 0 77,909 0	12,799,505 12,799,505 0 81,804 0 81,804	4,031,844 4,031,844 0 0 0	154,543,3 154,543,3 3,264,2 19,377,9 115,7/ 22,757,9
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations	42,773,377 42,773,377 43,275 577,684 0	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828	15,479,371 15,479,371 0 70,665 115,763 186,428	17,414,292 17,414,292 0 74,199 0 74,199	17,066,006 17,066,006 0 77,909 0 77,909	12,799,505 12,799,505 0 81,804 0 81,804	4,031,844 4,031,844 0 0 0	154,543,3 154,543,3 3,264,2 19,377,9 115,7 22,757,9
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way	42,773,377 42,773,377 43,275 577,684 0 620,959	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828	15,479,371 15,479,371 0 70,665 115,763 186,428	17,414,292 17,414,292 0 74,199 0 74,199	17,066,006 17,066,006 0 77,909 0	12,799,505 12,799,505 0 81,804 0 81,804	4,031,844 4,031,844 0 0 0	154,543,3 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235,(
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828	15,479,371 15,479,371 0 70,665 115,763 186,428	17,414,292 17,414,292 0 74,199 0 74,199	17,066,006 17,066,006 0 77,909 0 77,909	12,799,505 12,799,505 0 81,804 0 81,804	4,031,844 4,031,844 0 0 0 0	154,543,3 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235,(
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency-Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828	15,479,371 15,479,371 0 70,665 115,763 186,428	17,414,292 17,414,292 0 74,199 0 74,199	17,066,006 17,066,006 0 77,909 0 77,909	12,799,505 12,799,505 0 81,804 0 81,804	4,031,844 4,031,844 0 0 0 0	154,543,: 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235,4 21,537,:
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000 15,405,215	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828	15,479,371 15,479,371 0 70,665 115,763 186,428	17,414,292 17,414,292 0 74,199 0 74,199	17,066,006 17,066,006 0 77,909 0 77,909	12,799,505 12,799,505 0 81,804 0 81,804	4,031,844 4,031,844 0 0 0 0	154,543,3 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235,0 21,537,3
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000 15,405,215	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828 0 0	15,479,371 15,479,371 0 70,665 115,763 186,428 0 0	17,414,292 17,414,292 0 74,199 0 74,199 0 0	17,066,006 17,066,006 0 77,909 0 77,909	12,799,505 12,799,505 0 81,804 0 81,804 0 0	4,031,844 4,031,844 0 0 0 0 0	154,543,3 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235,6 21,537,3
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000 15,405,215	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828 0 0 0	15,479,371 15,479,371 0 70,665 115,763 186,428 0 0	17,414,292 17,414,292 0 74,199 0 74,199 0 0 0	17,066,006 17,066,006 0 77,909 0 77,909 0 0 0 131,952 18,233 54,698	12,799,505 12,799,505 0 81,804 0 81,804 0 0 0 138,550 19,144 57,433	4,031,844 4,031,844 0 0 0 0 0 0 0 145,477 20,101 60,304	154,543, 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235, 21,537, 1,160,1 143,6 542,2
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500 175,830	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000 15,405,215 108,558 15,000 45,000	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828 0 0 0	15,479,371 15,479,371 0 70,665 115,763 186,428 0 0 0	17,414,292 17,414,292 0 74,199 0 74,199 0 0 0	17,066,006 17,066,006 0 77,909 0 77,909	12,799,505 12,799,505 0 81,804 0 81,804 0 0 0	4,031,844 4,031,844 0 0 0 0 0 0 145,477 20,101 60,304 20,101	154,543, 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235, 21,537, 1,160,1 143,6 542,2 150,9
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Subtotal Right-of-Way Misc, Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 0 6,132,094 276,283 21,500 175,830 28,814	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000 15,405,215 108,558 15,000 45,000 15,000	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828 0 0 0 113,985 15,750 47,250 15,750	15,479,371 15,479,371 0 70,665 115,763 186,428 0 0 0	17,414,292 17,414,292 0 74,199 0 74,199 0 0 0 125,669 17,364 52,093 17,364 83,061	17,066,006 17,066,006 0 77,909 0 77,909 0 0 0 131,952 18,233 54,698 18,233 29,071	12,799,505 12,799,505 0 81,804 0 81,804 0 0 0 138,550 19,144 57,433 19,144 30,525	4,031,844 4,031,844 0 0 0 0 0 0 145,477 20,101 60,304 20,101 32,051	154,543,3 154,543,3 3,264,2 19,377,9 115,7 22,757,9 17,302,3 4,235,(21,537,3 1,160,1 143,6 542,2 150,9 1,059,2
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel Printing, Courier and Media Services	42,773,377 42,773,377 43,275 577,684 0 620,959 6,132,094 276,283 21,500 175,830 28,814 658,328	27,077,617 27,077,617 776,140 9,084,706 0 9,860,846 11,170,215 4,235,000 15,405,215 108,558 15,000 45,000 15,000 71,751	17,901,313 17,901,313 2,444,842 9,410,986 0 11,855,828 0 0 0 113,985 15,750 47,250 15,750 75,339	15,479,371 15,479,371 0 70,665 115,763 186,428 0 0 0	17,414,292 17,414,292 0 74,199 0 74,199 0 0 0 125,669 17,364 52,093 17,364	17,066,006 17,066,006 0 77,909 0 77,909 0 0 0 131,952 18,233 54,698 18,233	12,799,505 12,799,505 0 81,804 0 81,804 0 0 0 138,550 19,144 57,433 19,144	4,031,844 4,031,844 0 0 0 0 0 0 145,477 20,101 60,304 20,101	154,543,3

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 3 Brightwater Conveyance Baseline Budget: 2004 Year Dollars Inflated at 5 Percent

ITEM		2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
Staff Labor					 					
Non-WTD Support										
Central Services		334,710	346,500	363,825	0	0	0	0	0	1,045,
Legal Services		229,793	78,750	82,688	43,411	45,581	47,861	50,254	35,178	613,
PCSPD/Cost Price Analysis		476,059	7,500	7,875	8,269	8,682	9,116	9,572	10,051	537,
Surface Water Management		190,896	8,750	9,188	9,647	10,129	10,636	11,167	0	250
WLRD		2,025,112	52,500	55,125	57,881	60,775	63,814	67,005	0	2,382
DNRP		339,851	17,500	18,375	19,294	20,258	21,271	22,335	0	458
Other	_	9,409	17,500	18,375	19,294	20,258	21,271	22,335	0	128
· Subtotal	Non-WTD Support	3,605,830	529,000	555,450	157,795	165,685	173,969	182,668	45,228	5,415
Wastewater Treatment Division			·							
4100 WTD Manager's Office		17,055	8,750	9,188	9,647	10,129	10,636	11,167	0	76
4200 Finance & Administrative Services										
4240 Technical Publications		42,187	0	0	0	63,814	67,005	70,355	73,873	317
4400 East Operations		7,467	8,750	9,188	9,647	10,129	10,636	11,167	0	66
4500 West Operations		5,775	8,750	9,188	9,647	10,129	10,636	11,167	0	65
4600 Planning & Compliance										
4620 Tech. & Resource Recovery		5,805	4,375	4,594	4,823	5,065	5,318	5,584	0	35
4130 Environmental Compliance		439,184	165,375	173,644	121,551	63,814	67,005	0	: 0	1,030
4651 Community Relations		517,418	275,625	289,406	303,877	· 319,070	335,024	351,775	369,364	2,761
4661 Technical Resources		244,088	55,125	57,881	30,388	31,907	0	0	0	419
4662 Comprehensive Planning		13,606	0	0	0	0	0	0	0	13
4960 Combined Sewer Overflow		21,125	0	0	0	0	0	0	0	21
4800 Asset Management										
4810 Asset Management Manager		15,317	4,375	4,594	4,823	5,065	5,318	5,584	. 0	45
4830 Construction Management		21,488	8,750	9,188	9,647	10,129	10,636	11,167	0	81
4840 Inspections and Scheduling	7	72,864	17,500	18,375	19,294	20,258	21,271	22,335	0	191
4850 Engineering		164,361	275,625	347,288	364,652	382,884	201,014	70,355	36,936	1,843
4870 Indirect Charges		27,714	0	0	0	0	0	0	0	27
4900 Major CIP					•					
4910 Major CIP Manager .		2,125,567	551,250	578,813	607,753	638,141	402,029	422,130	295,491	5,621
4860 Program Management		1,237,559	551,250	694,575	729,304	765,769	670,048	422,130	147,746	5,218
4930 Treatment		508,010	27,563	0	0	0	0	0	0	535
4940 Conveyance		324,923	330,750	347,288	364,652	382,884	402,029	140,710	0	2,293
4951 Permitting & Right of Way		633,468	330,750	347,288	364,652	319,070	134,010	105,533	0	2,234
4990 Project Controls	_	529,145	441,000	463,050	425,427	446,699	469,033	422,130	295,491	3,491
	Subtotal WTD	6,974,126	3,065,563	3,363,544	3,379,783	3,484,958	2,821,646	2,083,290	1,218,901	26,391
Subtotal To	otal Staff Labor	10,579,956	3,594,563	3,918,994	3,537,578	3,650,643	2,995,615	2,265,958	1,264,129	31,807,
TOTAL NON-IMPLEMENTATION/CO	INSTRUCTION	62,542,037	56,276,049	34,030,834	19,575,811	21,530,190	20,491,996	15,517,356	5,684,567	235,648
Total Project Cost		62,247,670	56,405,005	58,420,619	144,889,097	254,832,275	249,389,613	132,997,609	45,212,065	1,004,393
Contingency - Project		0	0	0	0	0	0	64,669,956	36,455,545	101,125
Lease/Rental/Other Credits and Re	evenues	0	0	0	. 0 -	0	0	0	00,100,010	,,
	-								<u></u>	:
Total Plus Contingency, Credits and	Kevenues	62,247,670	56,405,005	58,420,619	144,889,097	254,832,275	249,389,613	197,667,565	81,667,610	1,105,519

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 4 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars

тем	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
PLEMENTATION/CONSTRUCTION		· · ·							
King County Construction Contracts									
Construction Contracts	0	661,002	9,818,566	15,999,166	81,122,986	137,629,197	14,269,098	. 0	259,500,0
Construction Contracts Mitigation	0.	0	4,993,791	17,011,452	6,383,367	0	0	0	28,388,0
Contingency (Construction)	104,533	0	0	0	0	0	13,007,375	12,942,624	26,054,
Sales Tax	0	45,421	761,687	2,132,018	6,416,099	9,457,162	1,969,059	983,639	21,765,
Subtotal KC Construction Contracts	104,533	706,422	15,574,044	35,142,636	93,922,452	147,086,360	29,245,532	13,926,263	335,708
Owner Furnished Equipment and Materials									
Procurement Contracts	34,384	0 .	0	0	0	0	0	0	34
Sales Tax	5,191	0	0	0	0	0	0	0	5
Subtotal Owner Furnished Equipment	39,575	0	0	0	0	0	0	0	39
Outside Agency Implementation/Construction **									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	
Other Capital Charges	49,827	0	. 0	0	0	0	0	0	49
Subtotal Other Capital Charges	49,827	0	0	0	0	0	0	0	49
Subtotal Other Capital Charges									
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION	193,935	706,422	15,574,044	35,142,636	93,922,452	147,086,360	29,245,532	13,926,263	335,797
TOTAL IMPLEMENTATION/CONSTRUCTION	193,935 33,559,297 33,559,297	706,422 20,329,474 20,329,474	3,986,171 3,986,171	35,142,636 3,587,554 3,587,554	93,922,452 4,783,406 4,783,406	147,086,360 4,384,789 4,384,789	29,245,532 2,391,703 2,391,703	398,617 398,617	73,421
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services	33,559,297	20,329,474	3,986,171	3,587,554	4,783,406	4,384,789	2,391,703	398,617	73,421
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support	33,559,297 33,559,297	20,329,474 20,329,474	3,986,171 3,986,171	3,587,554 3,587,554	4,783,406 4,783,406	4,384,789 4,384,789	2,391,703 2,391,703	398,617 398,617	73,421 73,421
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses	33,559,297 33,559,297 71,221	20,329,474 20,329,474 2,928,779	3,986,171 3,986,171	3,587,554 3,587,554 0	4,783,406 4,783,406	4,384,789 4,384,789	2,391,703 2,391,703	398,617 398,617	73,421 73,421 3,000
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	33,559,297 33,559,297 71,221 1,648,113	20,329,474 20,329,474	3,986,171 3,986,171 0 6,789,110	3,587,554 3,587,554 0 179,105	4,783,406 4,783,406 0 179,105	4,384,789 4,384,789 0 179,105	2,391,703 2,391,703 0 62,094	398,617 398,617 0	73,42 73,42 3,000 16,070
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	33,559,297 33,559,297 71,221	20,329,474 20,329,474 2,928,779 7,033,368	3,986,171 3,986,171	3,587,554 3,587,554 0	4,783,406 4,783,406	4,384,789 4,384,789	2,391,703 2,391,703	398,617 398,617	73,42 73,42 3,000 16,070 4,300
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment	33,559,297 33,559,297 71,221 1,648,113 272,663	20,329,474 20,329,474 2,928,779 7,033,368 0	3,986,171 3,986,171 0 6,789,110 0	3,587,554 3,587,554 0 179,105 1,342,446	4,783,406 4,783,406 0 179,105 1,342,446	4,384,789 4,384,789 0 179,105 1,342,446	2,391,703 2,391,703 0 62,094 0	398,617 398,617 0 0	73,421 73,421 3,000 16,070 4,300
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147	3,986,171 3,986,171 0 6,789,110 0 6,789,110	3,587,554 3,587,554 0 179,105 1,342,446	4,783,406 4,783,406 0 179,105 1,342,446	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551	2,391,703 2,391,703 0 62,094 0	398,617 398,617 0 0 0	73,421 73,421 3,000 16,070 4,300 23,370
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations	33,559,297 33,559,297 71,221 1,648,113 272,663	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992	3,986,171 3,986,171 0 6,789,110 0	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551	4,384,789 4,384,789 0 179,105 1,342,446	2,391,703 2,391,703 0 62,094 0 62,094	398,617 398,617 0 0 0	73,421 73,421 3,000 16,070 4,300 23,370
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147	3,986,171 3,986,171 0 6,789,110 0 6,789,110	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551	2,391,703 2,391,703 0 62,094 0	398,617 398,617 0 0 0	73,42 73,42 3,000 16,070 4,300 23,370 93,377 8,06
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551	2,391,703 2,391,703 0 62,094 0 62,094	398,617 398,617 0 0 0	73,421 73,421 3,000 16,070 4,300 23,370 93,371 8,06
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc, Services & Materials	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551	2,391,703 2,391,703 0 62,094 0 62,094	398,617 398,617 0 0 0	73,42: 73,42: 3,000 16,070 4,300 23,370 93,371 8,06
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667 47,157,659	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0 7,186,667	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551 0	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551 0 0	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551 0 0	2,391,703 2,391,703 0 62,094 0 62,094	398,617 398,617 0 0 0 0	73,42: 73,42: 3,000 16,070 4,300 23,370 93,371 8,066 101,43
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667 47,157,659	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0 7,186,667	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551 0 0	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551 0 0	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551 0 0	2,391,703 2,391,703 0 62,094 0 62,094 0 0 0	398,617 398,617 0 0 0 0 0	73,42 73,42 3,000 16,070 4,300 23,370 93,37 8,06 101,43
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667 47,157,659 84,437 7,143	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0 7,186,667 84,437 7,143	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551 0 0 84,437 7,143	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551 0 0 0	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551 0 0 0	2,391,703 2,391,703 0 62,094 0 62,094 0 0 0 84,437 7,143	398,617 398,617 0 0 0 0 0 0 0 84,437 7,143	73,42 73,42 3,000 16,070 4,300 23,370 93,371 8,000 101,43
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667 47,157,659 84,437 7,143 21,429	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0 7,186,667 84,437 7,143 21,429	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551 0 0 84,437 7,143 21,429	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551 0 0 0	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551 0 0 0 84,437 7,143 21,429	2,391,703 2,391,703 0 62,094 0 62,094 0 0 0 84,437 7,143 21,429	398,617 398,617 0 0 0 0 0 0 84,437 7,143 21,429	73,42: 73,42: 3,000 16,070 4,300 23,370 8,000 101,43
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667 47,157,659 84,437 7,143 21,429 14,286	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0 7,186,667 84,437 7,143 21,429 14,286	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551 0 0 84,437 7,143 21,429 14,286	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551 0 0 0 84,437 7,143 21,429 14,286	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551 0 0 0	2,391,703 2,391,703 0 62,094 0 62,094 0 0 0 84,437 7,143 21,429 14,286	398,617 398,617 0 0 0 0 0 0 0 84,437 7,143 21,429 14,286	73,421 73,421 3,000 16,070 4,300 23,370 8,06 101,43 1,000 62 198 177 1,000
TOTAL IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel Printing, Courier and Media Services	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013 586,131	20,329,474 20,329,474 2,928,779 7,033,368 0 9,962,147 39,090,992 8,066,667 47,157,659 84,437 7,143 21,429 14,286 82,774	3,986,171 3,986,171 0 6,789,110 0 6,789,110 7,186,667 0 7,186,667 84,437 7,143 21,429 14,286 82,774	3,587,554 3,587,554 0 179,105 1,342,446 1,521,551 0 0 84,437 7,143 21,429 14,286 82,774	4,783,406 4,783,406 0 179,105 1,342,446 1,521,551 0 0 0 84,437 7,143 21,429 14,286 82,774	4,384,789 4,384,789 0 179,105 1,342,446 1,521,551 0 0 0 84,437 7,143 21,429 14,286 27,591	2,391,703 2,391,703 0 62,094 0 62,094 0 0 0 84,437 7,143 21,429 14,286 27,591	398,617 398,617 0 0 0 0 0 0 0 84,437 7,143 21,429 14,286 27,591	73,421 73,421 3,000 16,070 4,300

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 4 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars

	2004	2005	2006	2007	2008	2009	2010	2011	Lifetime
ITEM	Life-To-Date *								Total
Staff Labor		-							
Non-WTD Support									
Central Services	312,198	278,681	0	0	0	0	0	0	590,8
Legal Services	162,196	75,000	75,000	37,500	37,500	37,500	37,500	25,000	487,
PCSPD/Cost Price Analysis	160,563	7,143	7,143	7,143	7,143	7,143	7,143	7,143	210,
Surface Water Management	103,743	0	0	0 .	0	0	0	0	103
WLRD	57,425	25,000	75,000	100,000	100,000	100,000	100,000	0	557
DNRP	74,778	16,667	16,667	16,667	16,667	16,667	16,667	0	174
Other	297,530	16,667	16,667	16,667	16,667	16,667	16,667	0	397
Subtotal Non-WTD Support	· · · · · · · · · · · · · · · · · · ·	419,157	190,476	177,976	177,976	177,976	177,976	32,143	2,522,
Wastewater Treatment Division									
4100 WTD Manager's Office	33,021	8,333	8,333	8,333	8,333	8,333	8,333	0	83,
4200 Finance & Administrative Services	•	•	•	•	•		-,		,
4240 Technical Publications	95,037	0	0	0	105,000	105,000	105,000	105,000	515.
4400 East Operations	119,133	62,500	62,500	0	0	0	0	0	244
4500 West Operations	81,583	37,500	37,500	0	Ö	Ö	Õ	Ö	156
4600 Planning & Compliance		,	,		•	•	•	•	150
4610 Planning and Compliance Manager	598	0	0	0	0	0	0	0	
4620 Tech. & Resource Recovery	60,705	16,667	16,667	16,667	16,667	16,667	16,667	ő	160.
4130 Environmental Compliance	831,399	157,500	105,000	52,500	52,500	10,007	10,007	0	1,198
4651 Community Relations	1,030,404	262,500	262,500	262,500	262,500	262,500	262,500	262,500	2,867
4661 Technical Resources	67,315	16,667	16,667	16,667	16,667	16,667	16,667	202,300	167
4662 Comprehensive Planning	16,308	10,007	10,007	10,007	10,007	10,007	10,007	0	16,
4960 Combined Sewer Overflow	10,973	ő	o o	0	0	0	ő	0	10
4831 Industrial Waste	1,733	0	0	n	0	0	0	0	10,
4800 Asset Management	1,755	U	v	U	U	U	U	U	ı,
4810 Asset Management Manager	4,095	0	. 0	0	n	0	0	0	4,
4830 Construction Management	33,458	26,250	78,750	210,000	315,000	315,000	210,000	0	1,188
4840 Inspections and Scheduling	110,954	26,250	78,750 78,750	262,500	315,000	367,500	367,500	157,500	1,685
4850 Engineering	292,277	315,000	315,000	210,000	210,000	210,000	210,000	105,000	1,867
4870 Indirect Charges	13,457	313,000	313,000	210,000	210,000	210,000	210,000	105,000	, ,
	1,548	0	0	0	. 0	0	0	-	13
4880 Program Implementation	1,346	U	U	U	U	U	U	0	1,
4900 Major CIP	1,478,990	420.000	470.000	420.000	420.000	210.000	210.000	100 000	0.600
4910 Major CIP Manager		420,000	420,000	420,000	420,000	210,000	210,000	105,000	3,683,
4860 Program Management	461,315	210,000	210,000	210,000	210,000	210,000	105,000	105,000	1,721
4930 Treatment	815,558	315,000	315,000	315,000	315,000	315,000	315,000	210,000	2,915,
4940 Conveyance	65,210	52,500	52,500	105.000	0	0	0	0	170,
4951 Permitting & Right of Way	591,710	157,500	105,000	105,000	105,000	105,000	105,000	105,000	1,379,
4990 Project Controls Subtotal WTD	377,913 6,594,695	157,500 2,241,667	157,500 2,241,667	157,500 2,246,667	157,500 2,509,167	157,500 2,299,167	157,500 2,089,167	105,000 1,260,000	1,427 21,482
					, ,				
Subtotal Total Staff Labor	7,763,128	2,660,824	2,432,143	2,424,643	2,687,143	2,477,143	2,267,143	1,292,143	24,004
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	92,978,573	80,405,886	20,689,873	7,829,530	9,287,881	8,624,081	4,961,539	1,931,359	226,708
Total Project Cost	93,172,508	81,112,309	36,263,916	42,972,166	103,210,333	155,710,441	34,207,070	15,857,623	562,506
Contingency - Project	0	0	0	0	0	0	16,839,645	9,040,755	25,880
Lease/Rental/Other Credits and Revenues	-495,787	-1,002,107	-1,002,107	-7,500,000	0	0	0	0	(10,000,
Total Plus Contingency, Credits and Revenues	92,676,721	80,110,202	35,261,810	35,472,166	103,210,333	155,710,441	51,046,715	24,898,378	578,386,

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 5 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars Inflated at 3 Percent

пем	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
PLEMENTATION/CONSTRUCTION						····		•	
King County Construction Contracts	*								
Construction Contracts	0	680,832	10,416,516	17,482,721	91,304,635	159,549,960	17,038,049	0	296,472,7
Construction Contracts Mitigation	0	0	5,297,913	18,588,872	7,184,536	0	0	0	31,071,3
Contingency (Construction)	104,533	0	, , o	0	0	0	15,531,486	15,917,795	31,553,8
Sales Tax	0	46,783	808,074	2,329,714	7,221,376	10,963,443	2,351,159	1,209,752	24,930,3
Subtotal KC Construction Contracts	104,533	727,615	16,522,503	38,401,307	105,710,547	170,513,403	34,920,694	17,127,547	384,028,
Owner Furnished Equipment and Materials									
Procurement Contracts	34,384	0	0	0	0	0	0	0	34,3
Sales Tax	5,191	ő	0	0	0	0	0	0	54,.
Subtotal Owner Furnished Equipment	39,575		0		0	0	0	0	39,
					-	·	·	v	٠,,
<u>Outside Agency Implementation/Construction</u> ** Utility Relocations, etc.	0	0	0	0	0	0	0	0	
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	
Other Capital Charges	40.927	0	0	0	0	0	•	•	
Subtotal Other Capital Charges	49,827 49,827	0	0	0	0	0	0	0	49, 49,
· ·								· · · · · · · · · · · · · · · · · · ·	
TOTAL TRANSFER OF CONCOMICANTON OF CONTORNAL C				20 401 205	105 510 545	150 510 400	24 000 004	17 107 547	384,117,
TOTAL IMPLEMENTATION/CONSTRUCTION N-IMPLEMENTATION/CONSTRUCTION	193,935	727,615	16,522,503	38,401,307	105,710,547	170,513,403	34,920,694	17,127,547	304,117,.
	33,559,297 33,559,297	20,939,359 20,939,359	4,228,929 4,228,929	3,920,217 3,920,217	5,383,765 5,383,765	5,083,172 5,083,172	2,855,818 2,855,818	490,249 490,249	76,460,1 76,460,1
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services	33,559,297	20,939,359	4,228,929	3,920,217	5,383,765	5,083,172	2,855,818	490,249	76,460,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support	33,559,297 33,559,297	20,939,359 20,939,359	4,228,929	3,920,217 3,920,217	5,383,765 5,383,765	5,083,172 5,083,172	2,855,818 2,855,818	490,249 490,249	76,460, 76,460,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses	33,559,297 33,559,297 71,221	20,939,359 20,939,359 3,016,642	4,228,929 4,228,929 0	3,920,217 3,920,217	5,383,765 5,383,765	5,083,172 5,083,172	2,855,818 2,855,818	490,249 490,249	76,460, 76,460, 3,087,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	33,559,297 33,559,297 71,221 1,648,113	20,939,359 20,939,359	4,228,929 4,228,929	3,920,217 3,920,217 0 195,713	5,383,765 5,383,765 0 201,584	5,083,172 5,083,172 0 207,632	2,855,818 2,855,818 0 74,143	490,249 490,249 0	76,460, 76,460, 3,087, 16,774,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	33,559,297 33,559,297 71,221	20,939,359 20,939,359 3,016,642 7,244,369	4,228,929 4,228,929 0 7,202,567	3,920,217 3,920,217	5,383,765 5,383,765	5,083,172 5,083,172	2,855,818 2,855,818	490,249 490,249	76,460, 76,460, 3,087, 16,774, 4,806,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	33,559,297 33,559,297 71,221 1,648,113 272,663	20,939,359 20,939,359 3,016,642 7,244,369 0	4,228,929 4,228,929 0 7,202,567 0	3,920,217 3,920,217 0 195,713 1,466,927	5,383,765 5,383,765 0 201,584 1,510,934	5,083,172 5,083,172 0 207,632 1,556,262	2,855,818 2,855,818 0 74,143 0	490,249 490,249 0 0	76,460, 76,460, 3,087, 16,774, 4,806,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012	4,228,929 4,228,929 0 7,202,567 0 7,202,567	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894	2,855,818 2,855,818 0 74,143 0 74,143	490,249 490,249 0 0 0	76,460, 76,460, 3,087, 16,774, 4,806, 24,668,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012	4,228,929 4,228,929 0 7,202,567 0 7,202,567	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894	2,855,818 2,855,818 0 74,143 0 74,143	490,249 490,249 0 0 0	76,460 76,460 3,087 16,774 4,806 24,668
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012	4,228,929 4,228,929 0 7,202,567 0 7,202,567	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894	2,855,818 2,855,818 0 74,143 0 74,143	490,249 490,249 0 0 0	76,460 76,460 3,087 16,774 4,806 24,668 94,981 8,308
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894	2,855,818 2,855,818 0 74,143 0 74,143	490,249 490,249 0 0 0	76,460 76,460 3,087 16,774 4,806 24,668 94,981 8,308
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permitting and Other Agency Support Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0	2,855,818 2,855,818 0 74,143 0 74,143	490,249 490,249 0 0 0 0	76,460, 76,460, 3,087, 16,774, 4,806, 24,668, 94,981, 8,308, 94,981,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0	2,855,818 2,855,818 0 74,143 0 74,143 0 0 0	490,249 490,249 0 0 0 0 0	76,460 76,460 3,087 16,774 4,806 24,668 94,981 8,308 94,981
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389 86,970 7,357	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0 0	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0 0	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0 0	2,855,818 2,855,818 0 74,143 0 74,143 0 0 100,822 8,529	490,249 490,249 0 0 0 0 0 0	76,460 76,460 3,087 16,774 4,806 24,668 94,981 8,308 94,981
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389 86,970 7,357 22,071	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335 89,579 7,578 22,734	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0 92,266 7,805 23,416	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0 0	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0 0 97,885 8,281 24,842	2,855,818 2,855,818 0 74,143 0 74,143 0 0 100,822 8,529 25,587	490,249 490,249 0 0 0 0 0 0 103,846 8,785 26,354	76,460 76,460 3,087 16,774 4,806 24,668 94,981 8,308 94,981
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389 86,970 7,357 22,071 14,714	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335 89,579 7,578 22,734 15,156	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0 0 92,266 7,805 23,416 15,610	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0 0 95,034 8,039 24,118 16,079	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0 0	2,855,818 2,855,818 0 74,143 0 74,143 0 0 100,822 8,529 25,587 17,058	490,249 490,249 0 0 0 0 0 0 103,846 8,785 26,354 17,570	76,460 76,460 3,087 16,774 4,806 24,668 94,981 8,308 94,981 1,075 68 217 183
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel Printing, Courier and Media Services	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013 586,131	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389 86,970 7,357 22,071 14,714 85,257	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335 89,579 7,578 22,734 15,156 87,815	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0 92,266 7,805 23,416 15,610 90,449	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0 0 95,034 8,039 24,118 16,079 93,163	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0 0 97,885 8,281 24,842 16,561 31,986	2,855,818 2,855,818 0 74,143 0 74,143 0 0 100,822 8,529 25,587 17,058 32,945	490,249 490,249 0 0 0 0 0 0 103,846 8,785 26,354 17,570 33,934	76,460 76,460 3,087 16,774 4,806 24,668 94,981 8,308 94,981 1,075 68 217, 183 1,041
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel Printing, Courier and Media Services Miscellaneous Services	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013 586,131 1,437,108	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389 86,970 7,357 22,071 14,714 85,257 80,929	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335 89,579 7,578 22,734 15,156 87,815 83,356	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0 0 92,266 7,805 23,416 15,610 90,449 85,857	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0 0 95,034 8,039 24,118 16,079 93,163 88,433	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0 0 97,885 8,281 24,842 16,561 31,986 91,086	2,855,818 2,855,818 0 74,143 0 74,143 0 0 100,822 8,529 25,587 17,058 32,945 93,818	490,249 490,249 0 0 0 0 0 0 103,846 8,785 26,354 17,570 33,934 96,633	76,460, 76,460, 3,087, 16,774, 4,806, 24,668, 94,981, 8,308, 94,981, 1,075, 68, 217, 183, 1,041, 2,057,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013 586,131	20,939,359 20,939,359 3,016,642 7,244,369 0 10,261,012 40,263,722 8,308,667 48,572,389 86,970 7,357 22,071 14,714 85,257	4,228,929 4,228,929 0 7,202,567 0 7,202,567 7,624,335 0 7,624,335 89,579 7,578 22,734 15,156 87,815	3,920,217 3,920,217 0 195,713 1,466,927 1,662,640 0 0 92,266 7,805 23,416 15,610 90,449	5,383,765 5,383,765 0 201,584 1,510,934 1,712,519 0 0 0 95,034 8,039 24,118 16,079 93,163	5,083,172 5,083,172 0 207,632 1,556,262 1,763,894 0 0 0 97,885 8,281 24,842 16,561 31,986	2,855,818 2,855,818 0 74,143 0 74,143 0 0 100,822 8,529 25,587 17,058 32,945	490,249 490,249 0 0 0 0 0 0 103,846 8,785 26,354 17,570 33,934	76,460, 76,460, 3,087, 16,774, 4,806, 24,668,

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 5 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars Inflated at 3 Percent

ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
Staff Labor				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
Non-WTD Support									
Central Services	312,198	287,041	0	0	. 0	0	0	0	599,2
Legal Services	162,196	77,250	79,568	40,977	42,207	43,473	44,777	30,747	521,1
PCSPD/Cost Price Analysis	160,563	7,357	7,578	7,805	8,039	8,281	8,529	8,785	216,9
Surface Water Management	103,743	0	0	0	0	0	0	0	103,7
WLRD	57,425	25,750	79,568	109,273	112,551	115,927	119,405	0	619,
DNRP	74,778	17,167	17,682	18,212	18,758	19,321	19,901	0	185,
Other	297,530	17,167	17,682	18,212	18,758	19,321	19,901	0	408,
Subtotal Non-WTD Support	1,168,433	431,732	202,076	194,479	200,314	206,323	212,513	39,532	2,655,
Wastewater Treatment Division									
100 WTD Manager's Office	33,021	8,583	8,841	9,106	9,379	9,661	9,950	0	88,
200 Finance & Administrative Services									-
4240 Technical Publications	95,037	0	0	0	118,178	121,724	125,375	129,137	589,
400 East Operations	119,133	64,375	66,306	. 0	0	0	0	0	249,
500 West Operations	81,583	38,625	39,784	0	0	0	0	0	159,
600 Planning & Compliance									
4610 Planning and Compliance Manager	598	0	0	0	0	0	0	0	
4620 Tech. & Resource Recovery	60,705	17,167	17,682	18,212	18,758	19,321	19,901	0	171.
4130 Environmental Compliance	831,399	162,225	111,395	57,368	59,089	0	0	0	1,221
4651 Community Relations	1,030,404	270,375	278,486	286,841	295,446	304,309	313,439	322,842	3,102
4661 Technical Resources	67,315	17,167	17,682	18,212	18,758	19,321	19,901	0	178
4662 Comprehensive Planning	16,308	0	0	0	0	0	0	Ô	16,
4960 Combined Sewer Overflow	10,973	0	0	Ō	Õ	ō	ő	ő	10,
4831 Industrial Waste	1,733	0	Ô	0	Ô	0	ő	o o	1,
800 Asset Management	-, ,	•	·		•	·	•	v	1,
4810 Asset Management Manager	4,095	0	0	0	0	0	. 0	0	4
4830 Construction Management	33,458	27,038	83,546	229,473	354,535	365,171	250,751	0	1,343
4840 Inspections and Scheduling	110,954	27,038	83,546	286,841	354,535	426,033	438,814	193,705	1,921
4850 Engineering	292,277	324,450	334,184	229,473	236,357	243,448	250,751	129,137	2,040
4870 Indirect Charges	13,457	0	0	0	250,557	275,446	230,731	129,137	2,040
4880 Program Implementation	1,548	ő	0	0	0	0.	0	0	
900 Major CIP	1,510	•	•	v	v	U	U	U	1,
4910 Major CIP Manager	1,478,990	432,600	445,578	458,945	472,714	243,448	250,751	129,137	3,912
4860 Program Management	461,315	216,300	222,789	229,473	236,357	243,448	125,375	•	
4930 Treatment	815,558	324,450	334,184	344,209	250,537 354,535	365,171	376,126	129,137	1,864
4940 Conveyance	65,210	54,075	55,697	344,209 0	334,333 0	365,171	376,126 0	258,274 0	3,172
4951 Permitting & Right of Way	591,710	162,225	111,395	114,736	118,178	_	_	-	174
4990 Project Controls	377,913	162,225	167,092	172,105	177,268	121,724 182,586	125,375 188,063	129,137	1,474
Subtotal WTD	6,594,695	2,308,917	2,378,184	2,454,993	2,824,089	2,665,364	2,494,574	129,137 1,549,641	1,556 23,270
Subtotal Total Staff Labor	7,763,128	2,740,649	2,580,260	2,649,473	3,024,403	2,871,687	2,707,087	1,589,173	
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	92,978,573	82,818,063	21,949,886	8,555,538	10,453,592	9,997,674	5,924,337	2,375,328	25,925 235,052
otal Project Cost	93,172,508	83,545,678	38,472,389	46,956,846	116,164,139	180,511,077	40,845,031	19,502,876	619,170
Contingency - Project	0	. 0	0	0	0	0	20,107,417	11,118,988	31,226
Lease/Rental/Other Credits and Revenues	-495,787	-1,032,170	-1,063,135	-8,195,453	0	0	20,107,417	11,118,988	-10,786
Total Plus Reserves, Credits and Revenues	92,676,721	82,513,508	37,409,254						
omi i ius itosoivos, vionits alia itovolluos	92,070,721	02,313,308	<i>51</i> ,409,234	38,761,393	116,164,139	180,511,077	60,952,448	30,621,864	639,610

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 6 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars Inflated at 5 Percent

ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
PLEMENTATION/CONSTRUCTION	· · · · ·								
King County Construction Contracts									
Construction Contracts	0	694,052	10,824,969	18,521,035	98,605,496	175,653,607	19,121,956	0	323,421,1
Construction Contracts Mitigation	0	0	5,505,655	19,692,882	7,759,023	0	0	Ó	32,957,5
Contingency (Construction)	104,533	0	0	0	. 0	0	17,431,127	18,211,572	35,747,2
Sales Tax	0	47,692	839,760	2,468,078	7,798,809	12,070,002	2,638,727	1,384,079	27,247,1
Subtotal KC Construction Contracts	104,533	741,743	17,170,383	40,681,994	114,163,327	187,723,609	39,191,810	19,595,651	419,373,0
Owner Furnished Equipment and Materials								•	
Procurement Contracts	34,384	0	0	0	0	0	0	0	34,
Sales Tax	5,191	0	0	0	0	0	0	ō	5,
Subtotal Owner Furnished Equipment	39,575	0	0	0	0	. 0	0	0	39,
Outside Agency Implementation/Construction **									
Utility Relocations, etc.	0	0	0	0	0	0 .	0	0	
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	
Other Capital Charges	49,827	0	0	0	0	0	0	0	49,
Subtotal Other Capital Charges	49,827	0	0	Ö	0	0	0	0	49,
						_			
TOTAL IMPLEMENTATION/CONSTRUCTION " N-IMPLEMENTATION/CONSTRUCTION	193,935	741,743	17,170,383	40,681,994	114,163,327	187,723,609	39,191,810	19,595,651	419,462,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services	33,559,297	21,345,948	4,394,754	4,153,043	5,814,260	5,596,225	3,205,111	560,894	78,629,
N-IMPLEMENTATION/CONSTRUCTION		•				<u></u>			78,629,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support	33,559,297 33,559,297	21,345,948 21,345,948	4,394,754	4,153,043	5,814,260	5,596,225	3,205,111	560,894	78,629,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses	33,559,297 33,559,297 71,221	21,345,948 21,345,948 3,075,218	4,394,754 4,394,754	4,153,043 4,153,043	5,814,260 5,814,260	5,596,225 5,596,225	3,205,111 3,205,111 0	560,894 560,894	78,629, 78,629,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	33,559,297 33,559,297 71,221 1,648,113	21,345,948 21,345,948 3,075,218 7,385,037	4,394,754 4,394,754	4,153,043 4,153,043 0 207,337	5,814,260 5,814,260 0 217,703	5,596,225 5,596,225 0 228,588	3,205,111 3,205,111	560,894 560,894	78,629, 78,629, 3,146,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment	33,559,297 33,559,297 71,221 1,648,113 272,663	21,345,948 21,345,948 3,075,218 7,385,037 0	4,394,754 4,394,754 0 7,484,993 0	4,153,043 4,153,043 0 207,337 1,554,049	5,814,260 5,814,260 0 217,703 1,631,751	5,596,225 5,596,225 0 228,588 1,713,339	3,205,111 3,205,111 0 83,211 0	560,894 560,894	78,629, 78,629, 3,146, 17,254,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs	33,559,297 33,559,297 71,221 1,648,113	21,345,948 21,345,948 3,075,218 7,385,037	4,394,754 4,394,754 0 7,484,993	4,153,043 4,153,043 0 207,337	5,814,260 5,814,260 0 217,703	5,596,225 5,596,225 0 228,588	3,205,111 3,205,111 0 83,211	560,894 560,894 0	78,629, 78,629, 3,146, 17,254, 5,171,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment	33,559,297 33,559,297 71,221 1,648,113 272,663	21,345,948 21,345,948 3,075,218 7,385,037 0	4,394,754 4,394,754 0 7,484,993 0	4,153,043 4,153,043 0 207,337 1,554,049	5,814,260 5,814,260 0 217,703 1,631,751	5,596,225 5,596,225 0 228,588 1,713,339	3,205,111 3,205,111 0 83,211 0	560,894 560,894 0 0	78,629, 78,629, 3,146, 17,254, 5,171,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	33,559,297 33,559,297 71,221 1,648,113 272,663	21,345,948 21,345,948 3,075,218 7,385,037 0	4,394,754 4,394,754 0 7,484,993 0	4,153,043 4,153,043 0 207,337 1,554,049	5,814,260 5,814,260 0 217,703 1,631,751	5,596,225 5,596,225 0 228,588 1,713,339	3,205,111 3,205,111 0 83,211 0	560,894 560,894 0 0	78,629, 78,629, 3,146, 17,254, 5,171, 25,573,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255	4,394,754 4,394,754 0 7,484,993 0 7,484,993	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927	3,205,111 3,205,111 0 83,211 0	560,894 560,894 0 0	78,629, 78,629, 3,146, 17,254, 5,171, 25,573,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927	3,205,111 3,205,111 0 83,211 0 83,211	560,894 560,894 0 0 0	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927	3,205,111 3,205,111 0 83,211 0 83,211	560,894 560,894 0 0 0	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542 88,658	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927	3,205,111 3,205,111 0 83,211 0 83,211	560,894 560,894 0 0 0	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470, 96,062,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542 88,658 7,500	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300 93,091 7,875	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385 0 0	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454 0 0	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927 0 0 0	3,205,111 3,205,111 0 83,211 0 83,211 0 0 0 113,153 9,572	560,894 560,894 0 0 0 0	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470, 96,062,
Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542 88,658 7,500 22,500	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300 93,091 7,875 23,625	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385 0 0 97,746 8,269 24,806	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454 0 0 0	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927 0 0	3,205,111 3,205,111 0 83,211 0 83,211 0 0	560,894 560,894 0 0 0 0	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470, 96,062, 1,130, 73,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542 88,658 7,500	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300 93,091 7,875	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385 0 0	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454 0 0	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927 0 0 0	3,205,111 3,205,111 0 83,211 0 83,211 0 0 0 113,153 9,572	560,894 560,894 0 0 0 0 0 0 118,811 10,051	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470, 96,062, 1,130, 73, 231,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel Printing, Courier and Media Services	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013 586,131	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542 88,658 7,500 22,500 15,000 86,912	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300 93,091 7,875 23,625 15,750 91,258	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385 0 0 97,746 8,269 24,806	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454 0 0 0	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927 0 0 107,765 9,116 27,349	3,205,111 3,205,111 0 83,211 0 83,211 0 0 0 113,153 9,572 28,716	560,894 560,894 0 0 0 0 0 0 118,811 10,051 30,152	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470, 96,062, 1,130, 73, 231, 193,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542 88,658 7,500 22,500 15,000	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300 93,091 7,875 23,625 15,750	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385 0 0 0 97,746 8,269 24,806 16,538	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454 0 0 0	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927 0 0 107,765 9,116 27,349 18,233	3,205,111 3,205,111 0 83,211 0 83,211 0 0 0 113,153 9,572 28,716 19,144	560,894 560,894 0 0 0 0 0 0 118,811 10,051 30,152 20,101	78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470, 96,062, 1,130, 73, 231, 193, 1,071,
N-IMPLEMENTATION/CONSTRUCTION Engineering, Professional and Consulting Services Subtotal Engineering, Professional and Consulting Services Permitting and Other Agency Support Permits and Licenses Local Agency Project Costs 1% for Art Payment Subtotal Permitting and Other Agency Support Right-of-Way Land Purchases/Easements/Relocations Land Purchases/Easements/Relocations - Mitigation Subtotal Right-of-Way Misc. Services & Materials Office and Transportation Costs Equipment Supplies and Safety Professional Development/Travel Printing, Courier and Media Services	33,559,297 33,559,297 71,221 1,648,113 272,663 1,991,997 47,093,431 0 47,093,431 408,944 12,373 48,002 71,013 586,131	21,345,948 21,345,948 3,075,218 7,385,037 0 10,460,255 41,045,542 8,470,000 49,515,542 88,658 7,500 22,500 15,000 86,912	4,394,754 4,394,754 0 7,484,993 0 7,484,993 7,923,300 0 7,923,300 93,091 7,875 23,625 15,750 91,258	4,153,043 4,153,043 0 207,337 1,554,049 1,761,385 0 0 0 97,746 8,269 24,806 16,538 95,821	5,814,260 5,814,260 0 217,703 1,631,751 1,849,454 0 0 0	5,596,225 5,596,225 0 228,588 1,713,339 1,941,927 0 0 107,765 9,116 27,349 18,233 35,214	3,205,111 3,205,111 0 83,211 0 83,211 0 0 0 0 113,153 9,572 28,716 19,144 36,975	560,894 560,894 0 0 0 0 0 0 118,811 10,051 30,152 20,101 38,824	78,629, 78,629, 78,629, 3,146, 17,254, 5,171, 25,573, 96,062, 8,470, 96,062, 1,130, 73, 231, 193, 1,071, 2,108,8

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction

Exhibit 6 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars Inflated at 5 Percent

ITEM	2004 Life-To-Date	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
Staff Labor	·						 .		
Non-WTD Support									
Central Services	312,198	292,615	0	0	0	0	0	0	604,8
Legal Services	162,196	78,750	82,688	43,411	45,581	47,861	50,254	35,178	545,9
PCSPD/Cost Price Analysis	160,563	7,500	7,875	8,269	8,682	9,116	9,572	10,051	221,
Surface Water Management	103,743	0	0	0	0	0	0	0	103,
WLRD	57,425	26,250	82,688	115,763	121,551	127,628	134,010	0	665,
DNRP	74,778	17,500	18,375	19,294	20,258	21,271	22,335	0	193,
Other	297,530	17,500	18,375	19,294	20,258	21,271	22,335	0	416,
Subtotal Non-WTD Support	1,168,433	440,115	210,000	206,030	216,331	227,148	238,505	45,228	2,751,
Wastewater Treatment Division									
4100 WTD Manager's Office	33,021	8,750	9,188	9,647	10,129	10,636	11,167	0	92,
4200 Finance & Administrative Services							•		•
4240 Technical Publications	95,037	0	0	0	127,628	134,010	140,710	147,746	645,
1400 East Operations	119,133	65,625	68,906	0 .	0	0	0	0	253
1500 West Operations	81,583	39,375	41,344	0	0	0	0	0	162
4600 Planning & Compliance					1				
4610 Planning and Compliance Manager	598	0	0	0	0	0	0	0	
4620 Tech. & Resource Recovery	60,705	17,500	18,375	19,294	20,258	21,271	22,335	0	179.
4130 Environmental Compliance	831,399	165,375	115,763	60,775	63,814	0	0	Ô	1,237
4651 Community Relations	1,030,404	275,625	289,406	303,877	319,070	335,024	351,775	369,364	3,274
4661 Technical Resources	67,315	17,500	18,375	19,294	20,258	21,271	22,335	0	186
4662 Comprehensive Planning	16,308	0	0	0	0	,0	0	Ô	16,
4960 Combined Sewer Overflow	10,973	0	Ŏ	Ö	Ŏ	ŏ	Õ	ő	10,
4831 Industrial Waste	1,733	0	Ô	0	·o	ō	ň	Ö	. 1,
1800 Asset Management		-	•	•	•	•	· ·	•	
4810 Asset Management Manager	4,095	0	0	0	0	0	0	0	4,
4830 Construction Management	33,458	27,563	86,822	243,101	382,884	402,029	281,420	Ö	1,457,
4840 Inspections and Scheduling	110,954	27,563	86,822	303,877	382,884	469,033	492,485	221,618	2,095
4850 Engineering	292,277	330,750	347,288	243,101	255,256	268,019	281,420	147,746	2,165,
4870 Indirect Charges	13,457	0	0	0	233,230	200,019	281,420	147,740	2,103,
4880 Program Implementation	1,548	Ô	o o	Õ	0	0	0	0	13,
1900 Major CIP	1,540	•	v	· ·	U	U	U	U	1,
4910 Major CIP Manager	1,478,990	441,000	463,050	486,203	510,513	268,019	281.420	147.746	4.056
4860 Program Management	461,315	220,500	231,525	243,101	255.256		•	147,746	4,076
4930 Treatment	815,558	330,750	231,323 347,288	,	•	268,019	140,710	147,746	1,968,
4940 Conveyance	65,210	55,125	57,881	364,652 0	382,884 0	402,029	422,130	295,491	3,360,
4951 Permitting & Right of Way	591,710	35,125 165,375	37,881 115,763	121,551	-	124.010	0	0	178,
4990 Project Controls	391,710 377,913	165,375	173,644	121,551 182,326	127,628	134,010	140,710	147,746	1,544,
Subtotal WTD	6,594,695	2,353,750	2,471,438	2,600,798	191,442 3,049,908	201,014 2,934,384	211,065 2,799,683	147,746 1,772,947	1,650 24,577
	# #/2 to?	0.500.005	<u> </u>						
Subtotal Total Staff Labor TOTAL NON-IMPLEMENTATION/CONSTRUCTION	7,763,128 92,978,573	2,793,865 84,426,181	2,681,438 22,810,584	2,806,827 9,063,659	3,266,239 11,289,478	3,161,532 11,006,756	3,038,188 6,648,936	1,818,175 2,717,616	27,329, 240,941,
Total Project Cost	93,172,508	85,167,924	39,980,968	49,745,653	125,452,805	198,730,365	45,840,746	22,313,268	660,404
Contingency - Project							. ,		
	0	0	0	0	0	0	22,566,735	12,721,250	35,287,
Lease/Rental/Other Credits and Revenues	-495,787	-1,052,212	-1,104,822	-8,682,188	0	0	0	0	-11,335
Total Plus Reserves, Credits and Revenues	92,676,721	84,115,712	38,876,145	41,063,466	125,452,805	198,730,365	68,407,481	35,034,518	684,357,

^{* - 2004} Life-to-Date includes actuals through November 2004 and December 2004 estimate ** - Utility Relocations budgeted in Construction