

Attachment A

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 Total
Costs Stated in 2004 Yr Dollars									
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	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	93,625,522	175,527,814	352,128,348	407,037,042	237,078,243	102,003,307	1,660,168,799
Inflation Increase over 2004\$	-	4,014,878	5,374,488	14,894,999	39,266,872	55,923,314	38,528,947	19,065,284	177,068,781
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**

ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
<u>IMPLEMENTATION/CONSTRUCTION</u>									
<u>King County Construction Contracts</u>									
Construction Contracts	-364,387	112,778	20,314,283	98,683,601	174,890,260	163,361,019	54,196,654	301,422	511,495,630
Construction Contracts Mitigation	0	0	0	733,227	1,386,889	1,353,601	689,453	0	4,163,169
Contingency (Construction)	0	0	0	0	0	0	25,621,761	25,494,221	51,115,982
Sales Tax	0	10,037	1,807,971	8,833,500	15,661,055	14,632,652	7,157,706	2,295,812	50,398,733
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	617,173,514
<u>Owner Furnished Equipment and Materials</u>									
Procurement Contracts	66,419	0	0	0	0	0	0	0	66,419
Sales Tax (prorated)	0	0	0	0	0	0	0	0	0
Subtotal Owner Furnished Equipment	66,419	0	0	0	0	0	0	0	66,419
<u>Outside Agency Implementation/Construction **</u>									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	0
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	0
<u>Other Capital Charges</u>									
	3,601	0	0	0	0	0	0	0	3,601
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0	3,601
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	617,243,534
<u>NON-IMPLEMENTATION/CONSTRUCTION</u>									
<u>Engineering, Professional and Consulting Services</u>									
	42,773,377	25,788,207	16,237,019	13,371,663	14,326,781	13,371,663	9,551,188	2,865,356	138,285,254
Subtotal Engineering, Professional and Consulting Services	42,773,377	25,788,207	16,237,019	13,371,663	14,326,781	13,371,663	9,551,188	2,865,356	138,285,254
<u>Permitting and Other Agency Support</u>									
Permits and Licenses	43,275	739,181	2,217,544	0	0	0	0	0	3,000,000
Local Agency Project Costs	577,684	8,652,101	8,536,042	61,044	61,044	61,044	61,044	0	18,010,000
1% for Art Payment	0	0	0	100,000	0	0	0	0	100,000
Subtotal Permitting and Other Agency Support	620,959	9,391,282	10,753,585	161,044	61,044	61,044	61,044	0	21,110,000
<u>Right-of-Way (not incl. in allied cost calcs.)</u>									
Land Purchases/Easements/Relocations	6,132,094	10,638,300	0	0	0	0	0	0	16,770,394
Land Purchases/Easements/Relocations - Mitigation		4,033,333							4,033,333
Subtotal Right-of-Way	6,132,094	14,671,633	0	0	0	0	0	0	20,803,727
<u>Misc. Services & Materials</u>									
Office and Transportation Costs	276,283	103,388	103,388	103,388	103,388	103,388	103,388	103,388	1,000,000
Equipment	21,500	14,286	14,286	14,286	14,286	14,286	14,286	14,286	121,500
Supplies and Safety	175,830	42,857	42,857	42,857	42,857	42,857	42,857	42,857	475,830
Professional Development/Travel	28,814	14,286	14,286	14,286	14,286	14,286	14,286	14,286	128,814
Printing, Courier and Media Services	658,328	68,334	68,334	68,334	68,334	22,778	22,778	22,778	1,000,000
Miscellaneous Services	1,274,298	71,429	71,429	71,429	71,429	71,429	71,429	71,429	1,774,298
Other	598	7,143	7,143	7,143	7,143	7,143	7,143	7,143	50,598
Subtotal Misc. Services & Materials	2,435,651	321,723	321,723	321,723	321,723	276,166	276,166	276,166	4,551,040

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

** - Utility Relocations budgeted in Construction

**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									
Non-WTD Support									
Central Services	334,710	330,000	330,000	0	0	0	0	0	994,710
Legal Services	229,793	75,000	75,000	37,500	37,500	37,500	37,500	25,000	554,793
PCSPD/Cost Price Analysis	476,059	7,143	7,143	7,143	7,143	7,143	7,143	7,143	526,059
Surface Water Management	190,896	8,333	8,333	8,333	8,333	8,333	8,333	0	240,896
WLRD	2,025,112	50,000	50,000	50,000	50,000	50,000	50,000	0	2,325,112
DNRP	339,851	16,667	16,667	16,667	16,667	16,667	16,667	0	439,851
Other	9,409	16,667	16,667	16,667	16,667	16,667	16,667	0	109,409
Subtotal Non-WTD Support	3,605,830	503,810	503,810	136,310	136,310	136,310	136,310	32,143	5,190,830
Wastewater Treatment Division									
4100 WTD Manager's Office	17,055	8,333	8,333	8,333	8,333	8,333	8,333	0	67,055
4200 Finance & Administrative Services									
4240 Technical Publications	42,187	0	0	0	52,500	52,500	52,500	52,500	252,187
4400 East Operations	7,467	8,333	8,333	8,333	8,333	8,333	8,333	0	57,467
4500 West Operations	5,775	8,333	8,333	8,333	8,333	8,333	8,333	0	55,775
4600 Planning & Compliance									
4620 Tech. & Resource Recovery	5,805	4,167	4,167	4,167	4,167	4,167	4,167	0	30,805
4130 Environmental Compliance	439,184	157,500	157,500	105,000	52,500	52,500	0	0	964,184
4651 Community Relations	517,418	262,500	262,500	262,500	262,500	262,500	262,500	262,500	2,354,918
4661 Technical Resources	244,088	52,500	52,500	26,250	26,250	0	0	0	401,588
4662 Comprehensive Planning	13,606	0	0	0	0	0	0	0	13,606
4960 Combined Sewer Overflow	21,125	0	0	0	0	0	0	0	21,125
4800 Asset Management									
4810 Asset Management Manager	15,317	4,167	4,167	4,167	4,167	4,167	4,167	0	40,317
4830 Construction Management	21,488	8,333	8,333	8,333	8,333	8,333	8,333	0	71,488
4840 Inspections and Scheduling	72,864	16,667	16,667	16,667	16,667	16,667	16,667	0	172,864
4850 Engineering	164,361	262,500	315,000	315,000	315,000	157,500	52,500	26,250	1,608,111
4870 Indirect Charges	27,714	0	0	0	0	0	0	0	27,714
4900 Major CIP									
4910 Major CIP Manager	2,125,567	525,000	525,000	525,000	525,000	315,000	315,000	210,000	5,065,567
4860 Program Management	1,237,559	525,000	630,000	630,000	630,000	525,000	315,000	105,000	4,597,559
4930 Treatment	508,010	26,250	0	0	0	0	0	0	534,260
4940 Conveyance	324,923	315,000	315,000	315,000	315,000	315,000	105,000	0	2,004,923
4951 Permitting & Right of Way	633,468	315,000	315,000	315,000	262,500	105,000	78,750	0	2,024,718
4990 Project Controls	529,145	420,000	420,000	367,500	367,500	367,500	315,000	210,000	2,996,645
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	23,362,876
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	28,553,706
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	213,303,727
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	830,547,261
Contingency - Project	0	0	0	0	0	0	48,257,717	25,908,275	74,165,992
Lease/Rental/Other Credits and Revenues	0	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	904,713,253

* - 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
IMPLEMENTATION/CONSTRUCTION									
<u>King County Construction Contracts</u>									
Construction Contracts	-364,387	116,161	21,551,423	107,834,235	196,840,528	189,380,194	64,713,639	370,711	580,442,505
Construction Contracts Mitigation	0	0	0	801,217	1,560,956	1,569,194	823,242	0	4,754,609
Contingency (Construction)	0	0	0	0	0	0	30,593,723	31,354,676	61,948,399
Sales Tax	0	10,338	1,918,077	9,652,604	17,626,655	16,963,254	8,546,675	2,823,559	57,541,162
Subtotal KC Construction Contracts	-364,387	126,500	23,469,499	118,288,056	216,028,139	207,912,642	104,677,279	34,548,947	704,686,675
<u>Owner Furnished Equipment and Materials</u>									
Procurement Contracts	66,419	0	0	0	0	0	0	0	66,419
Sales Tax	0	0	0	0	0	0	0	0	0
Subtotal Owner Furnished Equipment	66,419	0	0	0	0	0	0	0	66,419
<u>Outside Agency Implementation/Construction **</u>									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	0
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	0
<u>Other Capital Charges</u>									
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0	3,601
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0	3,601
TOTAL IMPLEMENTATION/CONSTRUCTION	-294,367	126,500	23,469,499	118,288,056	216,028,139	207,912,642	104,677,279	34,548,947	704,756,695
NON-IMPLEMENTATION/CONSTRUCTION									
<u>Engineering, Professional and Consulting Services</u>									
Subtotal 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	147,727,645
Subtotal 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	147,727,645
<u>Permitting and Other Agency Support</u>									
Permits and Licenses	43,275	761,357	2,352,592	0	0	0	0	0	3,157,224
Local Agency Project Costs	577,684	8,911,664	9,055,886	66,704	68,705	70,766	72,889	0	18,824,298
1% for Art Payment	0	0	0	109,273	0	0	0	0	109,273
Subtotal Permitting and Other Agency Support	620,959	9,673,020	11,408,479	175,977	68,705	70,766	72,889	0	22,090,795
<u>Right-of-Way</u>									
Land Purchases/Easements/Relocations	6,132,094	10,957,449	0	0	0	0	0	0	17,089,543
Land Purchases/Easements/Relocations - Mitigation	0	4,154,333	0	0	0	0	0	0	4,154,333
Subtotal Right-of-Way	6,132,094	15,111,782	0	0	0	0	0	0	21,243,876
<u>Misc. Services & Materials</u>									
Office and Transportation Costs	276,283	106,490	109,684	112,975	116,364	119,855	123,451	127,154	1,092,257
Equipment	21,500	14,714	15,156	15,610	16,079	16,561	17,058	17,570	134,248
Supplies and Safety	175,830	44,143	45,467	46,831	48,236	49,683	51,174	52,709	514,073
Professional Development/Travel	28,814	14,714	15,156	15,610	16,079	16,561	17,058	17,570	141,562
Printing, Courier and Media Services	658,328	70,384	72,496	74,671	76,911	26,406	27,198	28,014	1,034,409
Miscellaneous Services	1,274,298	73,571	75,779	78,052	80,393	82,805	85,289	87,848	1,838,036
Other	598	7,357	7,578	7,805	8,039	8,281	8,529	8,785	56,972
Subtotal Misc. Services & Materials	2,435,651	331,374	341,315	351,555	362,102	320,152	329,757	339,650	4,811,556

* - 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	1,024,707
Legal Services	229,793	77,250	79,568	40,977	42,207	43,473	44,777	30,747	588,791
PCSPD/Cost Price Analysis	476,059	7,357	7,578	7,805	8,039	8,281	8,529	8,785	532,433
Surface Water Management	190,896	8,583	8,841	9,106	9,379	9,661	9,950	0	246,417
WLRD	2,025,112	51,500	53,045	54,636	56,275	57,964	59,703	0	2,358,235
DNRP	339,851	17,167	17,682	18,212	18,758	19,321	19,901	0	450,892
Other	9,409	17,167	17,682	18,212	18,758	19,321	19,901	0	120,450
Subtotal Non-WTD Support	3,605,830	518,924	534,492	148,949	153,418	158,020	162,761	39,532	5,321,924
Wastewater Treatment Division									
4100 WTD Manager's Office	17,055	8,583	8,841	9,106	9,379	9,661	9,950	0	72,576
4200 Finance & Administrative Services									
4240 Technical Publications	42,187	0	0	0	59,089	60,862	62,688	64,568	289,394
4400 East Operations	7,467	8,583	8,841	9,106	9,379	9,661	9,950	0	62,987
4500 West Operations	5,775	8,583	8,841	9,106	9,379	9,661	9,950	0	61,296
4600 Planning & Compliance									
4620 Tech. & Resource Recovery	5,805	4,292	4,420	4,553	4,690	4,830	4,975	0	33,565
4130 Environmental Compliance	439,184	162,225	167,092	114,736	59,089	60,862	0	0	1,003,189
4651 Community Relations	517,418	270,375	278,486	286,841	295,446	304,309	313,439	322,842	2,589,156
4661 Technical Resources	244,088	54,075	55,697	28,684	29,545	0	0	0	412,089
4662 Comprehensive Planning	13,606	0	0	0	0	0	0	0	13,606
4960 Combined Sewer Overflow	21,125	0	0	0	0	0	0	0	21,125
4800 Asset Management									
4810 Asset Management Manager	15,317	4,292	4,420	4,553	4,690	4,830	4,975	0	43,078
4830 Construction Management	21,488	8,583	8,841	9,106	9,379	9,661	9,950	0	77,008
4840 Inspections and Scheduling	72,864	17,167	17,682	18,212	18,758	19,321	19,901	0	183,905
4850 Engineering	164,361	270,375	334,184	344,209	354,535	182,586	62,688	32,284	1,745,222
4870 Indirect Charges	27,714	0	0	0	0	0	0	0	27,714
4900 Major CIP									
4910 Major CIP Manager	2,125,567	540,750	556,973	573,682	590,892	365,171	376,126	258,274	5,387,435
4860 Program Management	1,237,559	540,750	668,367	688,418	709,071	608,619	376,126	129,137	4,958,046
4930 Treatment	508,010	27,038	0	0	0	0	0	0	535,047
4940 Conveyance	324,923	324,450	334,184	344,209	354,535	365,171	125,375	0	2,172,847
4951 Permitting & Right of Way	633,468	324,450	334,184	344,209	295,446	121,724	94,032	0	2,147,512
4990 Project Controls	529,145	432,600	445,578	401,577	413,624	426,033	376,126	258,274	3,282,958
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	25,119,755
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	30,441,679
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	226,315,552
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	931,072,247
Contingency - Project	0	0	0	0	0	0	57,622,238	31,863,910	89,486,148
Lease/Rental/Other Credits and Revenues	0	0	0	0	0	0	0	0	0
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	1,020,558,395

* - 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
IMPLEMENTATION/CONSTRUCTION									
<u>King County Construction Contracts</u>									
Construction Contracts	-364,387	118,417	22,396,497	114,238,604	212,580,204	208,494,657	72,628,700	424,131	630,516,822
Construction Contracts Mitigation	0	0	0	848,802	1,685,772	1,727,575	923,932	0	5,186,082
Contingency (Construction)	0	0	0	0	0	0	34,335,610	35,872,929	70,208,539
Sales Tax	0	10,539	1,993,288	10,225,880	19,036,110	18,675,384	9,592,010	3,230,438	62,763,650
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	768,675,093
<u>Owner Furnished Equipment and Materials</u>									
Procurement Contracts	66,419	0	0	0	0	0	0	0	66,419
Sales Tax	0	0	0	0	0	0	0	0	0
Subtotal Owner Furnished Equipment	66,419	0	0	0	0	0	0	0	66,419
<u>Outside Agency Implementation/Construction **</u>									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	0
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	0
<u>Other Capital Charges</u>									
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0	3,601
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0	3,601
TOTAL IMPLEMENTATION/CONSTRUCTION	-294,367	128,956	24,389,785	125,313,286	233,302,086	228,897,616	117,480,253	39,527,499	768,745,113
NON-IMPLEMENTATION/CONSTRUCTION									
<u>Engineering, Professional and Consulting Services</u>									
Subtotal Engineering, Professional and Consulting Services	42,773,377	27,077,617	17,901,313	15,479,371	17,414,292	17,066,006	12,799,505	4,031,844	154,543,326
Subtotal Engineering, Professional and Consulting Services	42,773,377	27,077,617	17,901,313	15,479,371	17,414,292	17,066,006	12,799,505	4,031,844	154,543,326
<u>Permitting and Other Agency Support</u>									
Permits and Licenses	43,275	776,140	2,444,842	0	0	0	0	0	3,264,257
Local Agency Project Costs	577,684	9,084,706	9,410,986	70,665	74,199	77,909	81,804	0	19,377,952
1% for Art Payment	0	0	0	115,763	0	0	0	0	115,763
Subtotal Permitting and Other Agency Support	620,959	9,860,846	11,855,828	186,428	74,199	77,909	81,804	0	22,757,972
<u>Right-of-Way</u>									
Land Purchases/Easements/Relocations	6,132,094	11,170,215	0	0	0	0	0	0	17,302,309
Land Purchases/Easements/Relocations - Mitigation	0	4,235,000	0	0	0	0	0	0	4,235,000
Subtotal Right-of-Way	6,132,094	15,405,215	0	0	0	0	0	0	21,537,309
<u>Misc. Services & Materials</u>									
Office and Transportation Costs	276,283	108,558	113,985	119,685	125,669	131,952	138,550	145,477	1,160,159
Equipment	21,500	15,000	15,750	16,538	17,364	18,233	19,144	20,101	143,630
Supplies and Safety	175,830	45,000	47,250	49,613	52,093	54,698	57,433	60,304	542,220
Professional Development/Travel	28,814	15,000	15,750	16,538	17,364	18,233	19,144	20,101	150,944
Printing, Courier and Media Services	658,328	71,751	75,339	79,106	83,061	29,071	30,525	32,051	1,059,232
Miscellaneous Services	1,274,298	75,000	78,750	82,688	86,822	91,163	95,721	100,507	1,884,949
Other	598	7,500	7,875	8,269	8,682	9,116	9,572	10,051	61,663
Subtotal Misc. Services & Materials	2,435,651	337,809	354,699	372,434	391,056	352,466	370,089	388,594	5,002,797

* - 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	1,045,035
Legal Services	229,793	78,750	82,688	43,411	45,581	47,861	50,254	35,178	613,515
PCSPD/Cost Price Analysis	476,059	7,500	7,875	8,269	8,682	9,116	9,572	10,051	537,124
Surface Water Management	190,896	8,750	9,188	9,647	10,129	10,636	11,167	0	250,413
WLRD	2,025,112	52,500	55,125	57,881	60,775	63,814	67,005	0	2,382,212
DNRP	339,851	17,500	18,375	19,294	20,258	21,271	22,335	0	458,884
Other	9,409	17,500	18,375	19,294	20,258	21,271	22,335	0	128,442
Subtotal Non-WTD Support	3,605,830	529,000	555,450	157,795	165,685	173,969	182,668	45,228	5,415,626
Wastewater Treatment Division									
4100 WTD Manager's Office	17,055	8,750	9,188	9,647	10,129	10,636	11,167	0	76,572
4200 Finance & Administrative Services									
4240 Technical Publications	42,187	0	0	0	63,814	67,005	70,355	73,873	317,233
4400 East Operations	7,467	8,750	9,188	9,647	10,129	10,636	11,167	0	66,983
4500 West Operations	5,775	8,750	9,188	9,647	10,129	10,636	11,167	0	65,292
4600 Planning & Compliance									
4620 Tech. & Resource Recovery	5,805	4,375	4,594	4,823	5,065	5,318	5,584	0	35,563
4130 Environmental Compliance	439,184	165,375	173,644	121,551	63,814	67,005	0	0	1,030,573
4651 Community Relations	517,418	275,625	289,406	303,877	319,070	335,024	351,775	369,364	2,761,559
4661 Technical Resources	244,088	55,125	57,881	30,388	31,907	0	0	0	419,389
4662 Comprehensive Planning	13,606	0	0	0	0	0	0	0	13,606
4960 Combined Sewer Overflow	21,125	0	0	0	0	0	0	0	21,125
4800 Asset Management									
4810 Asset Management Manager	15,317	4,375	4,594	4,823	5,065	5,318	5,584	0	45,076
4830 Construction Management	21,488	8,750	9,188	9,647	10,129	10,636	11,167	0	81,005
4840 Inspections and Scheduling	72,864	17,500	18,375	19,294	20,258	21,271	22,335	0	191,898
4850 Engineering	164,361	275,625	347,288	364,652	382,884	201,014	70,355	36,936	1,843,116
4870 Indirect Charges	27,714	0	0	0	0	0	0	0	27,714
4900 Major CIP									
4910 Major CIP Manager	2,125,567	551,250	578,813	607,753	638,141	402,029	422,130	295,491	5,621,173
4860 Program Management	1,237,559	551,250	694,575	729,304	765,769	670,048	422,130	147,746	5,218,380
4930 Treatment	508,010	27,563	0	0	0	0	0	0	535,572
4940 Conveyance	324,923	330,750	347,288	364,652	382,884	402,029	140,710	0	2,293,235
4951 Permitting & Right of Way	633,468	330,750	347,288	364,652	319,070	134,010	105,533	0	2,234,770
4990 Project Controls	529,145	441,000	463,050	425,427	446,699	469,033	422,130	295,491	3,491,975
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	26,391,810
Subtotal Total 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	31,807,435
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	62,542,037	56,276,049	34,030,834	19,575,811	21,530,190	20,491,996	15,517,356	5,684,567	235,648,840
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	1,004,393,953
Contingency - Project	0	0	0	0	0	0	64,669,956	36,455,545	101,125,501
Lease/Rental/Other Credits and Revenues	0	0	0	0	0	0	0	0	0
Total Plus Contingency, Credits and Revenues	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

* - 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**

ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
<u>IMPLEMENTATION/CONSTRUCTION</u>									
<u>King County Construction Contracts</u>									
Construction Contracts	0	661,002	9,818,566	15,999,166	81,122,986	137,629,197	14,269,098	0	259,500,014
Construction Contracts Mitigation	0	0	4,993,791	17,011,452	6,383,367	0	0	0	28,388,610
Contingency (Construction)	104,533	0	0	0	0	0	13,007,375	12,942,624	26,054,532
Sales Tax	0	45,421	761,687	2,132,018	6,416,099	9,457,162	1,969,059	983,639	21,765,086
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	335,708,241
<u>Owner Furnished Equipment and Materials</u>									
Procurement Contracts	34,384	0	0	0	0	0	0	0	34,384
Sales Tax	5,191	0	0	0	0	0	0	0	5,191
Subtotal Owner Furnished Equipment	39,575	0	0	0	0	0	0	0	39,575
<u>Outside Agency Implementation/Construction **</u>									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	0
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	0
<u>Other Capital Charges</u>									
	49,827	0	0	0	0	0	0	0	49,827
Subtotal Other Capital Charges	49,827	0	0	0	0	0	0	0	49,827
TOTAL IMPLEMENTATION/CONSTRUCTION	193,935	706,422	15,574,044	35,142,636	93,922,452	147,086,360	29,245,532	13,926,263	335,797,643
<u>NON-IMPLEMENTATION/CONSTRUCTION</u>									
<u>Engineering, Professional and Consulting Services</u>									
	33,559,297	20,329,474	3,986,171	3,587,554	4,783,406	4,384,789	2,391,703	398,617	73,421,012
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	73,421,012
<u>Permitting and Other Agency Support</u>									
Permits and Licenses	71,221	2,928,779	0	0	0	0	0	0	3,000,000
Local Agency Project Costs	1,648,113	7,033,368	6,789,110	179,105	179,105	179,105	62,094	0	16,070,000
1% for Art Payment	272,663	0	0	1,342,446	1,342,446	1,342,446	0	0	4,300,000
Subtotal Permitting and Other Agency Support	1,991,997	9,962,147	6,789,110	1,521,551	1,521,551	1,521,551	62,094	0	23,370,000
<u>Right-of-Way</u>									
Land Purchases/Easements/Relocations	47,093,431	39,090,992	7,186,667	0	0	0	0	0	93,371,090
Land Purchases/Easements/Relocations - Mitigation	0	8,066,667	0	0	0	0	0	0	8,066,667
Subtotal Right-of-Way	47,093,431	47,157,659	7,186,667	0	0	0	0	0	101,437,757
<u>Misc. Services & Materials</u>									
Office and Transportation Costs	408,944	84,437	84,437	84,437	84,437	84,437	84,437	84,437	1,000,000
Equipment	12,373	7,143	7,143	7,143	7,143	7,143	7,143	7,143	62,373
Supplies and Safety	48,002	21,429	21,429	21,429	21,429	21,429	21,429	21,429	198,002
Professional Development/Travel	71,013	14,286	14,286	14,286	14,286	14,286	14,286	14,286	171,013
Printing, Courier and Media Services	586,131	82,774	82,774	82,774	82,774	27,591	27,591	27,591	1,000,000
Miscellaneous Services	1,437,108	78,571	78,571	78,571	78,571	78,571	78,571	78,571	1,987,108
Other	7,149	7,143	7,143	7,143	7,143	7,143	7,143	7,143	57,149
Subtotal Misc. Services & Materials	2,570,720	295,782	295,782	295,782	295,782	240,599	240,599	240,599	4,475,645

* - 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**

ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
Staff Labor									
Non-WTD Support									
Central Services	312,198	278,681	0	0	0	0	0	0	590,879
Legal Services	162,196	75,000	75,000	37,500	37,500	37,500	37,500	25,000	487,196
PCSPD/Cost Price Analysis	160,563	7,143	7,143	7,143	7,143	7,143	7,143	7,143	210,563
Surface Water Management	103,743	0	0	0	0	0	0	0	103,743
WLRD	57,425	25,000	75,000	100,000	100,000	100,000	100,000	0	557,425
DNRP	74,778	16,667	16,667	16,667	16,667	16,667	16,667	0	174,778
Other	297,530	16,667	16,667	16,667	16,667	16,667	16,667	0	397,530
Subtotal Non-WTD Support	1,168,433	419,157	190,476	177,976	177,976	177,976	177,976	32,143	2,522,114
Wastewater Treatment Division									
4100 WTD Manager's Office	33,021	8,333	8,333	8,333	8,333	8,333	8,333	0	83,021
4200 Finance & Administrative Services									
4240 Technical Publications	95,037	0	0	0	105,000	105,000	105,000	105,000	515,037
4400 East Operations	119,133	62,500	62,500	0	0	0	0	0	244,133
4500 West Operations	81,583	37,500	37,500	0	0	0	0	0	156,583
4600 Planning & Compliance									
4610 Planning and Compliance Manager	598	0	0	0	0	0	0	0	598
4620 Tech. & Resource Recovery	60,705	16,667	16,667	16,667	16,667	16,667	16,667	0	160,705
4130 Environmental Compliance	831,399	157,500	105,000	52,500	52,500	0	0	0	1,198,899
4651 Community Relations	1,030,404	262,500	262,500	262,500	262,500	262,500	262,500	262,500	2,867,904
4661 Technical Resources	67,315	16,667	16,667	16,667	16,667	16,667	16,667	0	167,315
4662 Comprehensive Planning	16,308	0	0	0	0	0	0	0	16,308
4960 Combined Sewer Overflow	10,973	0	0	0	0	0	0	0	10,973
4831 Industrial Waste	1,733	0	0	0	0	0	0	0	1,733
4800 Asset Management									
4810 Asset Management Manager	4,095	0	0	0	0	0	0	0	4,095
4830 Construction Management	33,458	26,250	78,750	210,000	315,000	315,000	210,000	0	1,188,458
4840 Inspections and Scheduling	110,954	26,250	78,750	262,500	315,000	367,500	367,500	157,500	1,685,954
4850 Engineering	292,277	315,000	315,000	210,000	210,000	210,000	210,000	105,000	1,867,277
4870 Indirect Charges	13,457	0	0	0	0	0	0	0	13,457
4880 Program Implementation	1,548	0	0	0	0	0	0	0	1,548
4900 Major CIP									
4910 Major CIP Manager	1,478,990	420,000	420,000	420,000	420,000	210,000	210,000	105,000	3,683,990
4860 Program Management	461,315	210,000	210,000	210,000	210,000	210,000	105,000	105,000	1,721,315
4930 Treatment	815,558	315,000	315,000	315,000	315,000	315,000	315,000	210,000	2,915,558
4940 Conveyance	65,210	52,500	52,500	0	0	0	0	0	170,210
4951 Permitting & Right of Way	591,710	157,500	105,000	105,000	105,000	105,000	105,000	105,000	1,379,210
4990 Project Controls	377,913	157,500	157,500	157,500	157,500	157,500	157,500	105,000	1,427,913
Subtotal WTD	6,594,695	2,241,667	2,241,667	2,246,667	2,509,167	2,299,167	2,089,167	1,260,000	21,482,195
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	24,004,309
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	226,708,722
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	562,506,365
Contingency - Project	0	0	0	0	0	0	16,839,645	9,040,755	25,880,400
Lease/Rental/Other Credits and Revenues	-495,787	-1,002,107	-1,002,107	-7,500,000	0	0	0	0	(10,000,000)
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	578,386,765

* - 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
IMPLEMENTATION/CONSTRUCTION									
<u>King County Construction Contracts</u>									
Construction Contracts	0	680,832	10,416,516	17,482,721	91,304,635	159,549,960	17,038,049	0	296,472,713
Construction Contracts Mitigation	0	0	5,297,913	18,588,872	7,184,536	0	0	0	31,071,321
Contingency (Construction)	104,533	0	0	0	0	0	15,531,486	15,917,795	31,553,814
Sales Tax	0	46,783	808,074	2,329,714	7,221,376	10,963,443	2,351,159	1,209,752	24,930,302
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	384,028,150
<u>Owner Furnished Equipment and Materials</u>									
Procurement Contracts	34,384	0	0	0	0	0	0	0	34,384
Sales Tax	5,191	0	0	0	0	0	0	0	5,191
Subtotal Owner Furnished Equipment	39,575	0	0	0	0	0	0	0	39,575
<u>Outside Agency Implementation/Construction **</u>									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	0
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	0
<u>Other Capital Charges</u>									
	49,827	0	0	0	0	0	0	0	49,827
Subtotal Other Capital Charges	49,827	0	0	0	0	0	0	0	49,827
TOTAL IMPLEMENTATION/CONSTRUCTION	193,935	727,615	16,522,503	38,401,307	105,710,547	170,513,403	34,920,694	17,127,547	384,117,552
NON-IMPLEMENTATION/CONSTRUCTION									
<u>Engineering, Professional and Consulting Services</u>									
	33,559,297	20,939,359	4,228,929	3,920,217	5,383,765	5,083,172	2,855,818	490,249	76,460,807
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	76,460,807
<u>Permitting and Other Agency Support</u>									
Permits and Licenses	71,221	3,016,642	0	0	0	0	0	0	3,087,863
Local Agency Project Costs	1,648,113	7,244,369	7,202,567	195,713	201,584	207,632	74,143	0	16,774,121
1% for Art Payment	272,663	0	0	1,466,927	1,510,934	1,556,262	0	0	4,806,787
Subtotal Permitting and Other Agency Support	1,991,997	10,261,012	7,202,567	1,662,640	1,712,519	1,763,894	74,143	0	24,668,771
<u>Right-of-Way</u>									
Land Purchases/Easements/Relocations	47,093,431	40,263,722	7,624,335	0	0	0	0	0	94,981,488
Land Purchases/Easements/Relocations - Mitigation	0	8,308,667	0	0	0	0	0	0	8,308,667
Subtotal Right-of-Way	47,093,431	48,572,389	7,624,335	0	0	0	0	0	94,981,488
<u>Misc. Services & Materials</u>									
Office and Transportation Costs	408,944	86,970	89,579	92,266	95,034	97,885	100,822	103,846	1,075,346
Equipment	12,373	7,357	7,578	7,805	8,039	8,281	8,529	8,785	68,747
Supplies and Safety	48,002	22,071	22,734	23,416	24,118	24,842	25,587	26,354	217,123
Professional Development/Travel	71,013	14,714	15,156	15,610	16,079	16,561	17,058	17,570	183,761
Printing, Courier and Media Services	586,131	85,257	87,815	90,449	93,163	91,986	32,945	33,934	1,041,680
Miscellaneous Services	1,437,108	80,929	83,356	85,857	88,433	91,086	93,818	96,633	2,057,220
Other	7,149	7,357	7,578	7,805	8,039	8,281	8,529	8,785	63,523
Subtotal Misc. Services & Materials	2,570,720	304,655	313,795	323,209	332,905	278,920	287,288	295,907	4,707,399

* - 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	599,239
Legal Services	162,196	77,250	79,568	40,977	42,207	43,473	44,777	30,747	521,194
PCSPD/Cost Price Analysis	160,563	7,357	7,578	7,805	8,039	8,281	8,529	8,785	216,937
Surface Water Management	103,743	0	0	0	0	0	0	0	103,743
WLRD	57,425	25,750	79,568	109,273	112,551	115,927	119,405	0	619,899
DNRP	74,778	17,167	17,682	18,212	18,758	19,321	19,901	0	185,819
Other	297,530	17,167	17,682	18,212	18,758	19,321	19,901	0	408,571
Subtotal Non-WTD Support	1,168,433	431,732	202,076	194,479	200,314	206,323	212,513	39,532	2,655,402
Wastewater Treatment Division									
4100 WTD Manager's Office	33,021	8,583	8,841	9,106	9,379	9,661	9,950	0	88,542
4200 Finance & Administrative Services									
4240 Technical Publications	95,037	0	0	0	118,178	121,724	125,375	129,137	589,452
4400 East Operations	119,133	64,375	66,306	0	0	0	0	0	249,814
4500 West Operations	81,583	38,625	39,784	0	0	0	0	0	159,992
4600 Planning & Compliance									
4610 Planning and Compliance Manager	598	0	0	0	0	0	0	0	598
4620 Tech. & Resource Recovery	60,705	17,167	17,682	18,212	18,758	19,321	19,901	0	171,746
4130 Environmental Compliance	831,399	162,225	111,395	57,368	59,089	0	0	0	1,221,475
4651 Community Relations	1,030,404	270,375	278,486	286,841	295,446	304,309	313,439	322,842	3,102,142
4661 Technical Resources	67,315	17,167	17,682	18,212	18,758	19,321	19,901	0	178,356
4662 Comprehensive Planning	16,308	0	0	0	0	0	0	0	16,308
4960 Combined Sewer Overflow	10,973	0	0	0	0	0	0	0	10,973
4831 Industrial Waste	1,733	0	0	0	0	0	0	0	1,733
4800 Asset Management									
4810 Asset Management Manager	4,095	0	0	0	0	0	0	0	4,095
4830 Construction Management	33,458	27,038	83,546	229,473	354,535	365,171	250,751	0	1,343,972
4840 Inspections and Scheduling	110,954	27,038	83,546	286,841	354,535	426,033	438,814	193,705	1,921,466
4850 Engineering	292,277	324,450	334,184	229,473	236,357	243,448	250,751	129,137	2,040,075
4870 Indirect Charges	13,457	0	0	0	0	0	0	0	13,457
4880 Program Implementation	1,548	0	0	0	0	0	0	0	1,548
4900 Major CIP									
4910 Major CIP Manager	1,478,990	432,600	445,578	458,945	472,714	243,448	250,751	129,137	3,912,162
4860 Program Management	461,315	216,300	222,789	229,473	236,357	243,448	125,375	129,137	1,864,194
4930 Treatment	815,558	324,450	334,184	344,209	354,535	365,171	376,126	258,274	3,172,508
4940 Conveyance	65,210	54,075	55,697	0	0	0	0	0	174,982
4951 Permitting & Right of Way	591,710	162,225	111,395	114,736	118,178	121,724	125,375	129,137	1,474,480
4990 Project Controls	377,913	162,225	167,092	172,105	177,268	182,586	188,063	129,137	1,556,388
Subtotal WTD	6,594,695	2,308,917	2,378,184	2,454,993	2,824,089	2,665,364	2,494,574	1,549,641	23,270,458
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	25,925,860
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	235,052,991
Total 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	619,170,543
Contingency - Project	0	0	0	0	0	0	20,107,417	11,118,988	31,226,405
Lease/Rental/Other Credits and Revenues	-495,787	-1,032,170	-1,063,135	-8,195,453	0	0	0	0	-10,786,544
Total Plus Reserves, Credits and Revenues	92,676,721	82,513,508	37,409,254	38,761,393	116,164,139	180,511,077	60,952,448	30,621,864	639,610,404

* - 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
IMPLEMENTATION/CONSTRUCTION									
<u>King County Construction Contracts</u>									
Construction Contracts	0	694,052	10,824,969	18,521,035	98,605,496	175,653,607	19,121,956	0	323,421,114
Construction Contracts Mitigation	0	0	5,505,655	19,692,882	7,759,023	0	0	0	32,957,559
Contingency (Construction)	104,533	0	0	0	0	0	17,431,127	18,211,572	35,747,231
Sales Tax	0	47,692	839,760	2,468,078	7,798,809	12,070,002	2,638,727	1,384,079	27,247,146
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	419,373,050
<u>Owner Furnished Equipment and Materials</u>									
Procurement Contracts	34,384	0	0	0	0	0	0	0	34,384
Sales Tax	5,191	0	0	0	0	0	0	0	5,191
Subtotal Owner Furnished Equipment	39,575	0	0	0	0	0	0	0	39,575
<u>Outside Agency Implementation/Construction **</u>									
Utility Relocations, etc.	0	0	0	0	0	0	0	0	0
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	0
<u>Other Capital Charges</u>									
Subtotal Other Capital Charges	49,827	0	0	0	0	0	0	0	49,827
Subtotal Other Capital Charges	49,827	0	0	0	0	0	0	0	49,827
TOTAL IMPLEMENTATION/CONSTRUCTION	193,935	741,743	17,170,383	40,681,994	114,163,327	187,723,609	39,191,810	19,595,651	419,462,452
NON-IMPLEMENTATION/CONSTRUCTION									
<u>Engineering, Professional and Consulting Services</u>									
Subtotal 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	78,629,531
Subtotal 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	78,629,531
<u>Permitting and Other Agency Support</u>									
Permits and Licenses	71,221	3,075,218	0	0	0	0	0	0	3,146,439
Local Agency Project Costs	1,648,113	7,385,037	7,484,993	207,337	217,703	228,588	83,211	0	17,254,983
1% for Art Payment	272,663	0	0	1,554,049	1,631,751	1,713,339	0	0	5,171,801
Subtotal Permitting and Other Agency Support	1,991,997	10,460,255	7,484,993	1,761,385	1,849,454	1,941,927	83,211	0	25,573,223
<u>Right-of-Way</u>									
Land Purchases/Easements/Relocations	47,093,431	41,045,542	7,923,300	0	0	0	0	0	96,062,273
Land Purchases/Easements/Relocations - Mitigation	0	8,470,000	0	0	0	0	0	0	8,470,000
Subtotal Right-of-Way	47,093,431	49,515,542	7,923,300	0	0	0	0	0	96,062,273
<u>Misc. Services & Materials</u>									
Office and Transportation Costs	408,944	88,658	93,091	97,746	102,633	107,765	113,153	118,811	1,130,801
Equipment	12,373	7,500	7,875	8,269	8,682	9,116	9,572	10,051	73,438
Supplies and Safety	48,002	22,500	23,625	24,806	26,047	27,349	28,716	30,152	231,197
Professional Development/Travel	71,013	15,000	15,750	16,538	17,364	18,233	19,144	20,101	193,143
Printing, Courier and Media Services	586,131	86,912	91,258	95,821	100,612	35,214	36,975	38,824	1,071,748
Miscellaneous Services	1,437,108	82,500	86,625	90,956	95,504	100,279	105,293	110,558	2,108,824
Other	7,149	7,500	7,875	8,269	8,682	9,116	9,572	10,051	68,214
Subtotal Misc. Services & Materials	2,570,720	310,571	326,099	342,404	359,525	307,072	322,426	338,547	4,877,365

* - 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	604,813
Legal Services	162,196	78,750	82,688	43,411	45,581	47,861	50,254	35,178	545,918
PCSPD/Cost Price Analysis	160,563	7,500	7,875	8,269	8,682	9,116	9,572	10,051	221,628
Surface Water Management	103,743	0	0	0	0	0	0	0	103,743
WLRD	57,425	26,250	82,688	115,763	121,551	127,628	134,010	0	665,313
DNRP	74,778	17,500	18,375	19,294	20,258	21,271	22,335	0	193,811
Other	297,530	17,500	18,375	19,294	20,258	21,271	22,335	0	416,563
Subtotal Non-WTD Support	1,168,433	440,115	210,000	206,030	216,331	227,148	238,505	45,228	2,751,790
Wastewater Treatment Division									
4100 WTD Manager's Office	33,021	8,750	9,188	9,647	10,129	10,636	11,167	0	92,538
4200 Finance & Administrative Services									
4240 Technical Publications	95,037	0	0	0	127,628	134,010	140,710	147,746	645,130
4400 East Operations	119,133	65,625	68,906	0	0	0	0	0	253,664
4500 West Operations	81,583	39,375	41,344	0	0	0	0	0	162,302
4600 Planning & Compliance									
4610 Planning and Compliance Manager	598	0	0	0	0	0	0	0	598
4620 Tech. & Resource Recovery	60,705	17,500	18,375	19,294	20,258	21,271	22,335	0	179,738
4130 Environmental Compliance	831,399	165,375	115,763	60,775	63,814	0	0	0	1,237,125
4651 Community Relations	1,030,404	275,625	289,406	303,877	319,070	335,024	351,775	369,364	3,274,545
4661 Technical Resources	67,315	17,500	18,375	19,294	20,258	21,271	22,335	0	186,349
4662 Comprehensive Planning	16,308	0	0	0	0	0	0	0	16,308
4960 Combined Sewer Overflow	10,973	0	0	0	0	0	0	0	10,973
4831 Industrial Waste	1,733	0	0	0	0	0	0	0	1,733
4800 Asset Management									
4810 Asset Management Manager	4,095	0	0	0	0	0	0	0	4,095
4830 Construction Management	33,458	27,563	86,822	243,101	382,884	402,029	281,420	0	1,457,277
4840 Inspections and Scheduling	110,954	27,563	86,822	303,877	382,884	469,033	492,485	221,618	2,095,236
4850 Engineering	292,277	330,750	347,288	243,101	255,256	268,019	281,420	147,746	2,165,857
4870 Indirect Charges	13,457	0	0	0	0	0	0	0	13,457
4880 Program Implementation	1,548	0	0	0	0	0	0	0	1,548
4900 Major CIP									
4910 Major CIP Manager	1,478,990	441,000	463,050	486,203	510,513	268,019	281,420	147,746	4,076,940
4860 Program Management	461,315	220,500	231,525	243,101	255,256	268,019	140,710	147,746	1,968,173
4930 Treatment	815,558	330,750	347,288	364,652	382,884	402,029	422,130	295,491	3,360,782
4940 Conveyance	65,210	55,125	57,881	0	0	0	0	0	178,216
4951 Permitting & Right of Way	591,710	165,375	115,763	121,551	127,628	134,010	140,710	147,746	1,544,491
4990 Project Controls	377,913	165,375	173,644	182,326	191,442	201,014	211,065	147,746	1,650,525
Subtotal WTD	6,594,695	2,353,750	2,471,438	2,600,798	3,049,908	2,934,384	2,799,683	1,772,947	24,577,601
Subtotal Total Staff Labor	7,763,128	2,793,865	2,681,438	2,806,827	3,266,239	3,161,532	3,038,188	1,818,175	27,329,391
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	92,978,573	84,426,181	22,810,584	9,063,659	11,289,478	11,006,756	6,648,936	2,717,616	240,941,784
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	660,404,236
Contingency - Project	0	0	0	0	0	0	22,566,735	12,721,250	35,287,985
Lease/Rental/Other Credits and Revenues	-495,787	-1,052,212	-1,104,822	-8,682,188	0	0	0	0	-11,335,009
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	684,357,212

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

** - Utility Relocations budgeted in Construction