



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

August 30, 2005

Motion 12189

Proposed No. 2005-0057.2

Sponsors Gossett

1 A MOTION approving a monthly report format and
2 baseline budget for the Brightwater project.

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WHEREAS, the King County council approved the Regional Wastewater
6 Services Plan ("RWSP") in December 1999, and

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WHEREAS, the RWSP outlines a multi-billion dollar capital improvement
program to be implemented during the next thirty years, including a thirty-six-million-
gallon-per-day wastewater treatment plant, its associated conveyance facilities and a
marine outfall in Puget Sound, and

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WHEREAS, these facilities, collectively termed Brightwater, need to be
constructed by 2010 to provide needed wastewater capacity, protect public health and
preserve water quality, and

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WHEREAS, King County's wastewater treatment division is responsible for
implementing the RWSP, including Brightwater, and

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WHEREAS, Ordinance 15083 adopted the wastewater treatment division's six-
year budget and makes appropriations for the operation of county agencies, and

18 WHEREAS, Ordinance 15083, Section 116, appropriates \$567,418,747 for the
19 wastewater treatment capital improvements for the year 2005, and

20 WHEREAS, of that appropriation, \$500,000 may not be expended or encumbered
21 until the council approves, by motion, a report unifying Brightwater program reporting
22 and cost monitoring format and including a Brightwater program baseline budget, and

23 WHEREAS, the proposed baseline budget, Attachment A to this motion, and cost
24 reporting format, Attachment B to this motion, shall serve as a performance measurement
25 tools for the executive and council for the Brightwater program, and

26 WHEREAS, the report format is modeled after formats currently in use for
27 existing large capital improvement projects and is appropriate to the scale of the
28 Brightwater program, and

29 WHEREAS, the report begins with a summary of the overall Brightwater project,
30 including a project description, schedule, budget, cash flow (annual and life-to-date) and
31 allied cost summary, as well as a discussion of project issues and what is ahead. The
32 report then provides greater detail in these areas for the treatment plant and conveyance
33 system, and

34 WHEREAS, the baseline budget derived from the October 2004 predesign
35 estimate presents annual cash flows representing Brightwater costs to date (1999–2004)
36 plus future costs anticipated during the expected life of the project (2005–2011). The
37 baseline budget presents a range of inflation assumptions. The inflationary adjustment is
38 estimated based on historical consumer price index trends; however, inflation is highly
39 variable and will be monitored as part of the project performance. The difference

40 between actual inflation and estimated inflation, and the corresponding cost impact, will
41 be presented as part of the monthly report format described above;

42 NOW, THEREFORE, BE IT MOVED by the Council of King County:

43 A. The baseline budget for the Brightwater project, prepared in compliance with
44 Ordinance 15083, Section 116, Proviso P3, is hereby approved.

45 B. The county executive's monthly report format shall include an exceptions
46 notification, in addition to the exceptions notification provisions as defined in K.C.C.
47 4.04.020 under which the King County wastewater treatment division shall provide
48 additional notification of any known changes in scope, schedule and budget that exceed
49 the thresholds described herein. Exceptions notification by the wastewater treatment
50 division to the executive and the council will be specifically highlighted in the Project
51 Summary section of the regular monthly project reports. Notification shall include a
52 description of any scope, schedule or budget change, an explanation of reasons
53 contributing to the change and any proposed mitigation strategies. For the Brightwater
54 project, exceptions notification shall include, but not be limited to, the following
55 thresholds:

56 1. Design Phase Estimates at sixty percent, ninety percent and one hundred
57 percent that deviate from the approved baseline budgets by ten percent or more;

58 2. Bid protests and bids received that deviate by ten percent (up or down) from
59 either or both the engineer's estimate and the baseline construction budget;

60 3. Changes to a major milestone in the schedule by ninety days or more;

61 4. Single-occurrence change orders that exceed five percent of construction
62 contract value or cumulative change orders that exceed ten percent of construction
63 contract value;

64 5. Adjustments of project contingency budgets;

65 6. Violations of permit conditions or regulations, work stoppages, significant
66 safety problems and significant community complaints;

67 7. Significant deviations (greater than or less than fifteen percent) of annual
68 accomplishment rate; and

69 8. Scope changes that may result in a negative or positive schedule change of
70 ninety days or cost increase or decrease of five percent of the approved baseline budget.
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Motion 12189 was introduced on 2/14/2005 and passed by the Metropolitan King County Council on 8/29/2005, by the following vote:

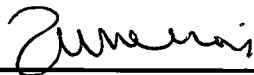
Yes: 12 - Mr. Phillips, Mr. von Reichbauer, Ms. Lambert, Mr. Pelz, Mr. Dunn, Mr. Ferguson, Mr. Hammond, Mr. Gossett, Ms. Hague, Mr. Irons, Ms. Patterson and Mr. Constantine
No: 0
Excused: 1 - Ms. Edmonds

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON



Larry Phillips, Chair

ATTEST:



Anne Noris, Clerk of the Council

Attachments A. Brightwater Baseline Cost Summary - Comparison of 2004 Year Dollars with Inflated Costs at 3 Percent and 5 Percent, B. Brightwater Monthly Report

Attachment A

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	Life-To-Date *					Lifetme				
	2004	2005	2006	2007	2008	2009	2010	2011	Total	
IMPLEMENTATION/CONSTRUCTION										
King 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	511,495,630	
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	
Owner Furnished Equipment and Materials										
Procurement Contracts	66,419	0	0	0	0	0	0	0	66,419	
Sales Tax (prorated)	66,419	0	0	0	0	0	0	0	66,419	
Subtotal Owner Furnished Equipment	132,838	0	0	0	0	0	0	0	132,838	
Outside Agency Implementations/Construction **										
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	
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	122,815	22,122,254	108,250,328	191,938,203	179,347,272	87,665,573	28,091,455	617,243,534	
NON-IMPLEMENTATION/CONSTRUCTION										
Engineering, Professional and Consulting Services										
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	
Permits and Other Agency Support	43,275	739,181	2,217,544	0	0	0	0	0	3,000,000	
Permits and Licenses	577,684	8,652,101	8,536,042	61,044	61,044	61,044	61,044	0	18,010,000	
Local Agency Project Costs	0	0	0	100,000	0	0	0	0	100,000	
1% for Art Payment	620,959	9,391,282	10,753,585	161,044	61,044	61,044	61,044	0	21,110,000	
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	
Right-of-Way (not incl. in allied cost calc.)										
Land Purchases/Basements/Relocations	6,132,094	10,638,300	0	0	0	0	0	0	16,770,394	
Land Purchases/Basements/Relocations - Mitigation	6,132,094	4,033,333	0	0	0	0	0	0	4,033,333	
Subtotal Right-of-Way	12,264,188	14,671,633	0	0	0	0	0	0	20,803,727	
Misc. Services & Materials										
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	68,334	68,334	68,334	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	321,723	321,723	321,723	4,551,040	

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

12189

Exhibit 1 Brightwater Conveyance Baseline Budget: 2004 Year Dollars

ITEM	2004 Life-To-Date *										Lifetime Total	
	2004	2005	2006	2007	2008	2009	2010	2011			Total	
Staff Labor												
Non-WTD Support												
Central Services	334,710	330,000	330,000	37,500	37,500	0	0	0	0	0	0	994,710
Legal Services	229,793	75,000	75,000	7,143	7,143	7,143	7,143	7,143	7,143	7,143	25,000	554,793
PCSPD/Cost Price Analysis	476,059	7,143	7,143	8,333	8,333	8,333	8,333	8,333	8,333	8,333	7,143	526,059
Surface Water Management	190,896	8,333	8,333	50,000	50,000	16,667	16,667	16,667	16,667	16,667	0	240,896
WLRD	2,025,112	50,000	50,000	16,667	16,667	16,667	16,667	16,667	16,667	16,667	0	2,325,112
DNRP	339,851	16,667	16,667	16,667	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	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	136,310	136,310	136,310	32,143	5,190,830
Water Treatment Division												
4100 WTD Manager's Office	17,055	8,333	8,333	8,333	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	8,333	8,333	8,333	8,333	8,333	8,333	8,333	52,500	252,187
4400 East Operations	7,467	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	57,467
4500 West Operations	5,775	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	55,775
4600 Planning & Compliance												
4620 Tech. & Resource Recovery	5,805	4,167	4,167	4,167	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	52,500	52,500	52,500	52,500	0	964,184
4651 Community Relations	517,418	262,500	262,500	262,500	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	26,250	26,250	26,250	26,250	26,250	0	401,588
4662 Comprehensive Planning	13,606	0	0	0	0	0	0	0	0	0	0	13,606
4850 Combined Sewer Overflow	21,125	0	0	0	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	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	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	16,667	16,667	16,667	0	172,864
4850 Engineering	164,361	262,500	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	26,250	1,608,111
4870 Indirect Charges	27,714	0	0	0	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	525,000	525,000	525,000	525,000	525,000	210,000	5,065,567
4860 Program Management	1,237,559	525,000	630,000	630,000	630,000	630,000	630,000	630,000	630,000	630,000	105,000	4,597,559
4930 Treatment	508,010	26,250	0	0	0	0	0	0	0	0	0	534,260
4940 Conveyance	324,923	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	0	2,004,923
4951 Permitting & Right of Way	633,468	315,000	315,000	315,000	262,500	262,500	262,500	262,500	262,500	262,500	78,750	2,024,718
4990 Project Controls	529,145	420,000	420,000	367,500	367,500	367,500	367,500	367,500	367,500	367,500	210,000	2,996,645
Subtotal WTD	6,974,126	2,919,583	3,050,833	2,919,583	2,867,083	2,867,083	2,867,083	2,867,083	2,867,083	2,867,083	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	1,690,893	1,690,893	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	11,579,290	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	99,244,864	99,244,864	48,257,717	25,908,275	74,165,992
Contingency - Project	0	0	0	0	0	0	0	0	0	0	0	0
Lease/Rental/Other Credits and Revenues	0	0	0	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	147,502,581	147,502,581	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

12189

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

ITEM	Life-To-Date *										Lifetime Total	
	2004	2005	2006	2007	2008	2009	2010	2011				
IMPLEMENTATION/CONSTRUCTION												
Klar 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				580,442,505
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
Owner Furnished Equipment and Materials												
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
Outside Agency Implementation/Construction **												
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
Other Capital Charges												
Subtotal Other Capital Charges	3,601	0	0	0	0	0	0	0				3,601
	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												
Engineering, Professional and Consulting Services												
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
	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
Permitting and Other Agency Support												
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
Right-of-Way												
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
Misc. Services & Materials												
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	17,038	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	17,038	17,570				141,562
Printing, Courier and Media Services	658,328	70,384	72,496	74,671	76,911	79,111	81,361	83,611				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

12189

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

ITEM	Life-To-Date *										Lifetime Total
	2004	2005	2006	2007	2008	2009	2010	2011			
Staff Labor											
Non-WTD Support											
Central Services	334,710	339,900	350,097	40,977	42,207	43,473	44,777	0	0	0	1,024,707
Legal Services	229,793	77,250	79,568	7,578	7,805	8,039	8,281	8,529	8,785	0	588,791
PCSPD/Cost Price Analysis	476,059	7,357	7,578	8,841	9,106	9,379	9,661	9,950	0	0	532,433
Surface Water Management	190,896	8,583	8,841	53,045	54,636	56,275	57,903	59,703	0	0	246,417
WTRD	2,025,112	51,500	53,045	17,167	17,682	18,212	18,758	19,321	19,901	0	2,358,235
DNRP	339,851	17,167	17,682	18,212	18,758	19,321	19,901	0	0	0	450,892
Other	9,409	17,167	17,682	18,212	18,758	19,321	19,901	0	0	0	120,450
Subtotal Non-WTD Support	3,605,830	518,924	534,492	148,949	153,418	158,020	162,761	9,950	0	0	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	0	0	72,576
4200 Finance & Administrative Services	42,187	0	0	0	59,089	60,862	62,688	64,568	0	0	289,394
4400 East Operations	7,467	8,583	8,841	9,106	9,379	9,661	9,950	0	0	0	62,987
4500 West Operations	5,775	8,583	8,841	9,106	9,379	9,661	9,950	0	0	0	61,296
4600 Planning & Compliance	5,805	4,292	4,420	4,553	4,690	4,830	4,975	0	0	0	33,565
4620 Tech. & Resource Recovery	439,184	162,225	167,092	114,736	59,089	60,862	0	0	0	0	1,003,189
4651 Community Relations	517,418	270,375	278,486	286,841	295,446	304,309	313,439	322,842	0	0	2,583,156
4661 Technical Resources	244,088	54,075	55,697	28,684	29,545	0	0	0	0	0	412,089
4662 Comprehensive Planning	13,606	0	0	0	0	0	0	0	0	0	13,606
4960 Combined Sewer Overflow	21,125	0	0	0	0	0	0	0	0	0	21,125
4800 Asset Management	15,317	4,292	4,420	4,553	4,690	4,830	4,975	0	0	0	43,078
4810 Asset Management Manager	21,488	8,583	8,841	9,106	9,379	9,661	9,950	0	0	0	77,008
4830 Construction Management	72,864	17,167	17,682	18,212	18,758	19,321	19,901	0	0	0	183,905
4840 Inspections and Scheduling	164,361	270,375	334,184	344,209	354,535	364,861	375,187	385,513	395,839	0	1,745,222
4850 Engineering	27,714	0	0	0	0	0	0	0	0	0	27,714
4870 Indirect Charges	2,125,567	540,750	556,973	573,682	590,892	608,107	625,322	642,537	659,752	0	5,387,435
4900 Major CIP	1,237,559	540,750	668,367	688,418	709,071	729,622	750,173	770,724	791,275	0	4,958,046
4860 Program Management	508,010	27,038	0	0	0	0	0	0	0	0	535,047
4930 Treatment	324,923	324,450	334,184	344,209	354,535	364,861	375,187	385,513	395,839	0	2,172,847
4940 Conveyance	633,468	324,450	334,184	344,209	354,535	364,861	375,187	385,513	395,839	0	2,147,512
4951 Permitting & Right of Way	529,145	432,600	445,578	401,577	413,624	426,033	438,442	450,851	463,260	0	3,282,958
4990 Project Controls	6,974,126	3,007,171	3,236,629	3,190,308	3,226,928	2,562,962	1,856,254	1,065,378	0	0	23,119,755
Subtotal WTD	10,579,956	3,526,095	3,771,121	3,339,257	3,380,345	2,720,982	2,019,014	1,104,910	0	0	30,441,679
TOTAL NON-IMPLEMENTATION/CONSTRUCTION											
Total Project Cost	62,542,037	55,204,124	56,216,267	18,478,365	19,956,070	18,613,322	13,826,278	4,968,586	0	0	226,315,552
Contingency - Project	62,247,670	55,330,624	56,216,267	136,766,421	235,964,209	226,525,965	118,503,557	39,517,533	0	0	931,072,247
Lease/Rental/Other Credits and Revenues	0	0	0	0	0	0	57,622,238	31,863,910	0	0	89,486,148
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	0	0	1,020,558,395

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

12189

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 Implementations/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	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	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	86,822	91,163	95,721	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

121891

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	163,375	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	402,029	422,130	36,936	1,843,116
4870 Indirect Charges	27,714	0	0	0	0	0	0	0	27,714
4910 Major CIP Manager	2,125,567	551,250	578,813	607,753	638,141	670,048	703,533	295,491	5,621,173
4860 Program Management	1,237,559	551,250	694,575	729,304	765,769	802,299	840,000	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	422,130	0	2,293,235
4951 Permitting & Right of Way	633,468	330,750	347,288	364,652	382,884	402,029	422,130	0	2,234,770
4990 Project Controls	529,145	441,000	463,050	425,427	446,699	469,033	492,130	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	1,004,393,933
Contingency - Project	0	0	0	0	0	0	0	0	0
Lease/Rental/Other Credits and Revenues	0	0	0	0	0	0	64,669,956	36,455,545	101,125,501
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	1,105,519,434

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

12189

Exhibit 4 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars

ITEM	Life-To-Date *										Lifetime Total	
	2004	2005	2006	2007	2008	2009	2010	2011				
IMPLEMENTATION/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	0	259,500,014		
Construction Contracts Mitigation	0	0	4,993,791	17,011,452	6,383,367	0	0	0	0	28,388,610		
Contingency (Construction)	104,533	0	0	0	0	0	13,007,375	12,942,624	0	26,054,532		
Sales Tax	0	45,421	761,687	2,132,018	6,415,099	9,457,162	1,969,059	983,639	0	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	0	335,708,241		
Owner Furnished Equipment and Materials												
Procurement Contracts	34,384	0	0	0	0	0	0	0	0	34,384		
Sales Tax	5,191	0	0	0	0	0	0	0	0	5,191		
Subtotal Owner Furnished Equipment	39,575	0	0	0	0	0	0	0	0	39,575		
Outside Agency Implementations/Construction **												
Utility Relocations, etc.	0	0	0	0	0	0	0	0	0	0		
Subtotal Outside Agency Costs	0	0	0	0	0	0	0	0	0	0		
Other Capital Charges												
Subtotal Other Capital Charges	49,827	0	0	0	0	0	0	0	0	49,827		
TOTAL IMPLEMENTATION/CONSTRUCTION	195,935	706,422	15,574,044	35,142,636	93,922,452	147,086,360	29,245,532	13,926,263	0	335,797,643		
NON-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	0	73,421,012		
Permitting and Other Agency Support												
Permits and Licenses	71,221	2,928,779	0	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	0	16,070,000		
1% for Art Payment	272,663	0	0	1,342,446	1,342,446	1,342,446	0	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	0	23,370,000		
Right-of-Way												
Land Purchases/Easements/Relocations	47,093,431	39,090,992	7,186,667	0	0	0	0	0	0	93,371,090		
Land Purchases/Easements/Relocations - Mitigation	0	8,066,667	0	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	0	101,437,757		
Misc. Services & Materials												
Office and Transportation Costs	408,944	84,437	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	7,143	62,373		
Supplies and Safety	48,002	21,429	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	14,286	171,013		
Printing, Courier and Media Services	586,131	82,774	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	78,571	1,987,108		
Other	7,143	7,143	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	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

12189

Exhibit 4 Brightwater Treatment Plant Baseline Budget: 2004 Year Dollars

ITEM	2004										Lifetime Total	
	Life-To-Date*	2005	2006	2007	2008	2009	2010	2011				
Staff Labor												
Non-WTD Support												
Central Services	312,198	278,681	0	0	0	0	0	0	0	0	0	590,879
Legal Services	162,196	75,000	75,000	37,500	37,500	37,500	37,500	37,500	37,500	25,000	25,000	487,196
PCSPD/Cost Price Analysis	160,563	7,143	7,143	7,143	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	0	0	0	103,743
WLRD	57,425	25,000	75,000	100,000	100,000	100,000	100,000	100,000	100,000	0	0	557,425
DNRP	74,778	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	0	0	174,778
Other	297,530	16,667	16,667	16,667	16,667	16,667	16,667	16,667	16,667	0	0	397,530
Subtotal Non-WTD Support	1,168,433	419,157	190,476	177,976	177,976	177,976	177,976	177,976	177,976	32,143	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	8,333	8,333	0	0	83,021
4200 Finance & Administrative Services												
4240 Technical Publications	95,037	0	0	0	105,000	105,000	105,000	105,000	105,000	105,000	105,000	515,037
4400 East Operations	119,133	62,500	62,500	0	0	0	0	0	0	0	0	244,133
4500 West Operations	81,583	37,500	37,500	0	0	0	0	0	0	0	0	156,583
4600 Planning & Compliance												
4610 Planning and Compliance Manager	598	0	0	0	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	16,667	16,667	0	0	160,705
4130 Environmental Compliance	831,399	157,500	105,000	52,500	52,500	52,500	52,500	52,500	52,500	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	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	16,667	16,667	0	0	167,315
4662 Comprehensive Planning	16,308	0	0	0	0	0	0	0	0	0	0	16,308
4960 Combined Sewer Overflow	10,973	0	0	0	0	0	0	0	0	0	0	10,973
4831 Industrial Waste	1,733	0	0	0	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	0	0	0	4,095
4830 Construction Management	33,458	26,250	78,750	210,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	1,188,458
4840 Inspections and Scheduling	110,954	26,250	78,750	262,500	315,000	315,000	315,000	315,000	315,000	157,500	157,500	1,685,954
4850 Engineering	292,277	315,000	315,000	210,000	210,000	210,000	210,000	210,000	210,000	105,000	105,000	1,867,277
4870 Indirect Charges	13,457	0	0	0	0	0	0	0	0	0	0	13,457
4880 Program Implementation	1,548	0	0	0	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	420,000	420,000	420,000	420,000	105,000	105,000	3,683,990
4860 Program Management	461,315	210,000	210,000	210,000	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	315,000	315,000	210,000	210,000	2,915,558
4940 Conveyance	65,210	52,500	52,500	0	0	0	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	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	157,500	157,500	157,500	157,500	1,427,913
Subtotal WTD	6,594,695	2,241,667	2,241,667	2,246,667	2,509,167	2,299,167	2,299,167	2,299,167	2,299,167	2,089,167	2,089,167	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	2,477,143	2,477,143	2,477,143	1,292,143	1,292,143	24,004,309
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	92,978,573	80,403,886	20,689,873	7,829,530	9,287,881	8,624,081	8,624,081	8,624,081	8,624,081	4,961,539	4,961,539	226,708,722
Total Project Cost	93,172,508	81,112,309	36,263,916	42,972,166	103,210,333	155,710,441	155,710,441	155,710,441	155,710,441	34,207,070	15,857,623	562,506,365
Contingency - Project												
Lease/Rental/Other Credits and Revenues	-495,787	-1,002,107	-1,002,107	-7,500,000	0	0	0	0	0	16,839,645	9,040,755	25,880,400
Total Plus Contingency, Credits and Revenues	92,676,721	80,110,202	35,261,810	35,472,166	103,210,333	155,710,441	155,710,441	155,710,441	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

12189

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

ITEM	Life-To-Date *						Lifetime Total	
	2004	2005	2006	2007	2008	2009		2010
IMPLEMENTATION/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
Construction Contracts Mitigation	0	0	5,297,913	18,588,872	7,184,536	0	0	0
Contingency (Construction)	104,533	0	0	0	0	0	15,531,486	15,917,795
Sales Tax	0	46,783	808,074	2,329,714	7,221,376	10,963,443	2,351,159	1,209,752
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
Owner Furnished Equipment and Materials								
Procurement Contracts	34,384	0	0	0	0	0	0	0
Sales Tax	5,191	0	0	0	0	0	0	0
Subtotal Owner Furnished Equipment	39,575	0	0	0	0	0	0	0
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								
Subtotal Other Capital Charges	49,827	0	0	0	0	0	0	0
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
NON-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
Permitting and Other Agency Support								
Permits and Licenses	71,221	3,016,642	0	0	0	0	0	0
Local Agency Project Costs	1,648,113	7,244,369	7,202,567	195,713	201,584	207,652	74,143	0
1% for Art Payment	272,663	0	0	1,466,927	1,510,934	1,556,262	0	0
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
Right-of-Way								
Land Purchases/Assessments/Relocations	47,093,431	40,263,722	7,624,335	0	0	0	0	0
Land Purchases/Assessments/Relocations - Mitigation	0	8,308,667	0	0	0	0	0	0
Subtotal Right-of-Way	47,093,431	48,572,389	7,624,335	0	0	0	0	0
Misc. Services & Materials								
Office and Transportation Costs	408,944	86,970	89,579	92,266	95,034	97,885	100,822	103,846
Equipment	12,373	7,357	7,578	7,805	8,039	8,281	8,529	8,785
Supplies and Safety	48,002	22,071	22,794	23,416	24,118	24,842	25,587	26,354
Professional Development/Travel	71,013	15,156	14,714	15,416	16,079	16,561	17,058	17,570
Printing, Courier and Media Services	586,131	85,257	87,815	90,449	93,163	91,986	32,945	33,934
Miscellaneous Services	1,437,108	80,929	83,356	85,857	88,433	91,086	93,818	96,633
Other	7,149	7,357	7,578	7,805	8,039	8,281	8,529	8,785
Subtotal Misc. Services & Materials	2,570,720	304,635	313,795	323,209	332,905	278,920	287,288	295,907
TOTAL	193,935	727,615	16,522,503	38,401,307	105,710,547	170,513,403	34,920,694	17,127,547
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
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	47,093,431	48,572,389	7,624,335	0	0	0	0	0
TOTAL	47,287,366	49,299,994	24,146,838	38,401,307	105,710,547	170,513,403	34,920,694	17,127,547

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

12189

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

ITEM	Life-To-Date *										Lifetime Total	
	2004	2005	2006	2007	2008	2009	2010	2011				
Staff Labor												
Non-WTD Support												
Central Services	312,198	287,041	0	40,977	0	0	0	0	0	0	0	599,239
Legal Services	162,196	77,250	79,568	7,578	7,805	8,281	44,777	30,747	8,785	0	0	521,194
PCSPD/Cost Price Analysis	160,563	7,578	0	0	0	0	8,529	0	0	0	0	216,937
Surface Water Management	103,743	0	0	0	0	0	0	0	0	0	0	103,743
WLKD	57,425	25,750	79,568	109,273	112,551	115,927	119,405	0	0	0	0	619,899
DNRP	74,778	17,167	17,682	18,212	18,758	19,321	19,901	0	0	0	0	183,819
Other	297,530	17,167	17,682	18,212	18,758	19,321	19,901	0	0	0	0	408,571
Subtotal Non-WTD Support	1,168,433	431,732	202,076	194,479	200,314	206,323	212,513	39,332	2,653,402			
Wastewater Treatment Division												
4100 WTD Manager's Office	33,021	8,583	8,841	9,106	9,379	9,661	9,950	0	0	0	0	88,542
4200 Finance & Administrative Services	95,037	0	0	0	0	0	0	0	0	0	0	589,432
4400 East Operations	119,133	64,375	66,306	67,368	68,429	69,490	70,551	71,612	72,673	73,734	74,795	249,814
4500 West Operations	81,583	38,625	39,784	40,943	42,102	43,261	44,420	45,579	46,738	47,897	49,056	159,992
4600 Planning & Compliance	598	0	0	0	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	0	0	0	171,746
4130 Environmental Compliance	831,399	162,225	111,395	57,368	59,089	0	0	0	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	332,245	341,648	351,051	3,102,142
4661 Technical Resources	67,315	17,167	17,682	18,212	18,758	19,321	19,901	0	0	0	0	178,356
4662 Comprehensive Planning	16,308	0	0	0	0	0	0	0	0	0	0	16,308
4960 Combined Sewer Overflow	10,973	0	0	0	0	0	0	0	0	0	0	10,973
4831 Industrial Waste	1,733	0	0	0	0	0	0	0	0	0	0	1,733
4800 Asset Management	4,095	0	0	0	0	0	0	0	0	0	0	4,095
4810 Asset Management Manager	33,458	27,038	83,546	229,473	354,535	365,171	250,751	0	0	0	0	1,343,972
4830 Construction Management	110,954	27,038	83,546	229,473	354,535	426,033	438,814	193,705	0	0	0	1,921,466
4840 Inspections and Scheduling	292,277	324,450	334,184	229,473	236,357	243,448	250,751	129,137	0	0	0	2,040,075
4850 Engineering	13,457	0	0	0	0	0	0	0	0	0	0	13,457
4870 Indirect Charges	1,548	0	0	0	0	0	0	0	0	0	0	1,548
4880 Program Implementation	1,478,990	432,600	445,578	458,945	472,714	486,481	499,848	513,215	526,582	540,049	553,416	3,912,162
4900 Major CIP	461,315	216,300	222,789	229,473	236,357	243,448	250,751	258,050	265,141	272,232	279,323	1,864,194
4860 Program Management	815,558	324,450	334,184	344,209	354,535	365,171	376,126	387,181	398,236	409,291	420,346	3,172,508
4930 Treatment	65,210	54,075	55,697	0	0	0	0	0	0	0	0	174,982
4940 Conveyance	591,710	162,225	111,395	114,736	118,178	121,724	125,375	129,137	132,888	136,639	140,390	1,474,480
4951 Permitting & Right of Way	377,913	162,225	167,092	172,105	177,268	182,586	188,063	193,540	199,017	204,494	210,071	1,550,388
4990 Project Controls	6,594,695	2,308,917	2,378,184	2,454,993	2,824,089	2,665,364	2,494,574	1,549,641	0	0	0	23,270,458
Subtotal WTD	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			
Subtotal Total Staff Labor	92,978,573	82,818,063	21,949,886	8,555,338	10,453,592	9,997,674	5,924,337	2,375,328	235,032,991			
TOTAL NON-IMPLEMENTATION/CONSTRUCTION	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			
Total Project Cost	0	0	0	0	0	0	0	0	0	0	0	0
Contingency - Project	495,787	-1,032,170	-1,063,135	-8,195,453	38,761,393	180,511,077	60,952,448	30,621,864	639,610,404			
Lease/Rental/Other 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			
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

121897

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

ITEM	Life-To-Date *					2010	2011	Lifetime Total	
	2004	2005	2006	2007	2008				
IMPLEMENTATION/CONSTRUCTION									
King County 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	0	0	5,505,655	19,692,882	7,759,023	0	0	0	32,957,559
Construction Contracts Mitigation	104,533	0	0	0	0	0	17,431,127	18,211,572	35,747,231
Contingency (Construction)	0	47,692	839,760	2,468,078	7,798,809	12,070,002	2,638,727	1,384,079	27,247,146
Sales Tax	0	741,743	17,170,383	40,681,994	114,163,327	187,723,609	39,191,810	19,595,651	419,373,050
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
Owner Furnished Equipment and Materials	34,384	0	0	0	0	0	0	0	34,384
Procurement Contracts	5,191	0	0	0	0	0	0	0	5,191
Sales Tax	39,575	0	0	0	0	0	0	0	39,575
Subtotal Owner Furnished Equipment	44,765	0	0	0	0	0	0	0	44,765
Outside Agency Implementations/Construction **	0	0	0	0	0	0	0	0	0
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
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	199,935	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									
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
Permitting and Other Agency Support	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 Ad 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
Right-of-Way	47,093,431	41,045,542	7,923,300	0	0	0	0	0	96,062,273
Land Purchases/Easements/Relocations	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
Misc. Services & Materials	408,944	88,658	93,091	97,746	102,633	107,765	113,153	118,811	1,130,801
Office and Transportation Costs	12,373	7,500	7,875	8,269	8,682	9,116	9,572	10,051	73,438
Equipment	48,002	22,500	23,625	24,806	26,047	28,716	30,152	31,197	231,197
Supplies and Safety	71,013	15,000	16,538	17,364	18,233	19,144	20,101	20,101	193,143
Professional Development/Travel	586,131	86,912	91,258	95,821	100,612	105,214	110,558	115,414	1,071,748
Printing, Courier and Media Services	1,457,108	82,500	86,625	90,956	95,504	100,279	105,293	110,558	2,108,824
Miscellaneous Services	7,149	7,500	7,875	8,269	8,682	9,116	9,572	10,051	68,214
Other	2,570,720	310,571	326,099	342,404	359,525	377,072	392,426	408,547	4,877,365

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

12189

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

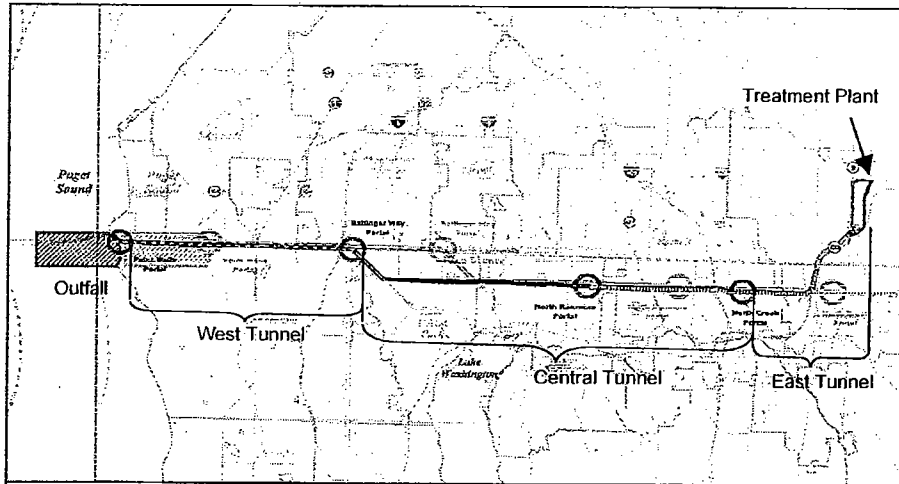
ITEM	2004 Life-To-Date *	2005	2006	2007	2008	2009	2010	2011	Lifetime Total
Staff Labor									
Non-WTD Support									
Central Services	312,198	292,615	0	0	0	0	0	0	604,813
Legal Services	162,196	78,750	82,688	43,411	45,581	47,861	50,254	35,178	545,918
PCSPD/Cost Price Analysis	160,563	7,500	7,875	8,269	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	1,168,453	440,115	210,000	206,030	216,331	227,148	238,505	45,228	2,751,750
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
4651 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	93,177,508	85,167,924	39,980,968	49,745,653	123,452,805	198,730,365	45,840,746	22,313,268	660,404,236
Contingency - Project	0	0	0	0	0	0	0	0	0
Lease/Rental/Other Credits and Revenues	-495,787	-1,052,212	-1,104,822	-8,682,188	0	0	22,566,735	12,721,250	35,287,985
Total Plus Reserves, Credits and Revenues	92,676,721	84,115,712	38,876,145	41,063,466	123,452,805	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

Brightwater Monthly Report

Report Template for Council Review - DATA IS ILLUSTRATIVE ONLY



Contents	Project Phase
Project Summary 2	Treatment Plant...Final Design
Conveyance System 6	East Tunnel.....Final Design
Project Description 6	Central Tunnel.....Final Design
Schedule 6	West Tunnel.....Final Design
Cost Summary..... 6	IPS.....Final Design
Cash Flow 7	
Cost/Budget Adjustments 7	
Current Activities 8	
Mitigation 8	
Schedule 9	
Schedule Adjustments/Issues 9	
Contract Status..... 9	
Detailed Cost Report..... 10	
Project Issues..... 11	
Looking Ahead..... 11	
Treatment Plant12	
Project Description 12	
Schedule 12	
Cost Summary..... 12	
Cash Flow 13	
Cost/Budget Adjustments 13	
Current Activities 14	
Mitigation 14	
Schedule 15	
Schedule Adjustments/Issues 15	
Contract Status..... 15	
Detailed Cost Report..... 16	
Project Issues..... 17	
Looking Ahead 17	
Definitions19	



King County

Department of
Natural Resources and Parks

Wastewater Treatment Division

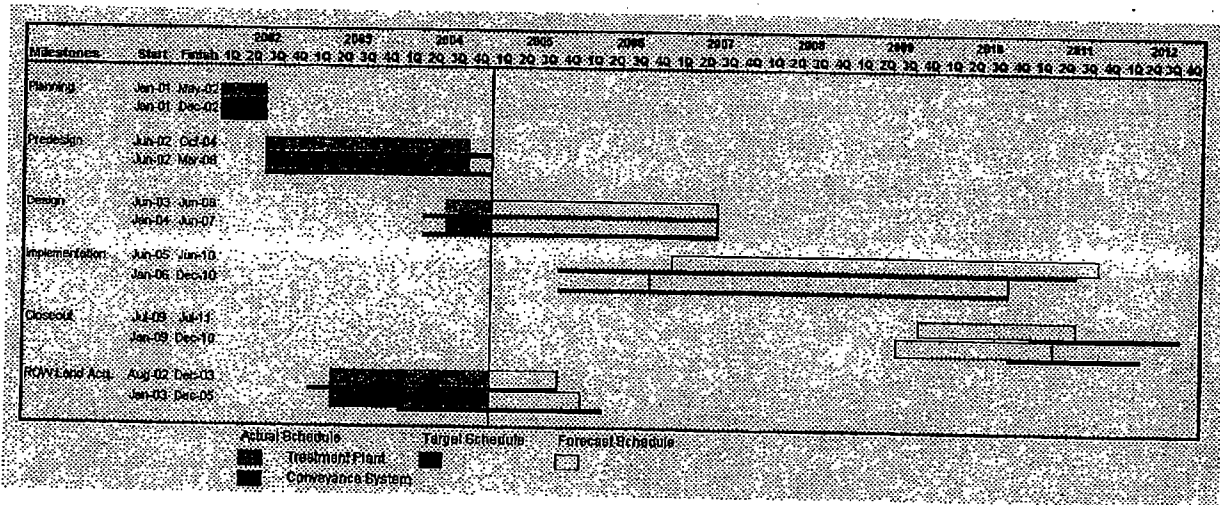
Brightwater Project Summary

Project Description

King County is building a new wastewater system, called Brightwater, by the year 2010. The Brightwater system will include a treatment plant to provide secondary treatment of wastewater, pipelines and a pump station to carry wastewater to and from the plant, and a marine outfall to discharge treated wastewater to Puget Sound. The project also includes connections to the existing system and odor control facilities. The need for the Brightwater system was outlined in the King County's Regional Wastewater Services Plan to provide necessary capacity to meet wastewater demand and comply with federal and state regulations in the years ahead.

Schedule

Show progress on the Brightwater schedule, by phase, for the treatment and conveyance components of the project. (Data is for display purposes only)



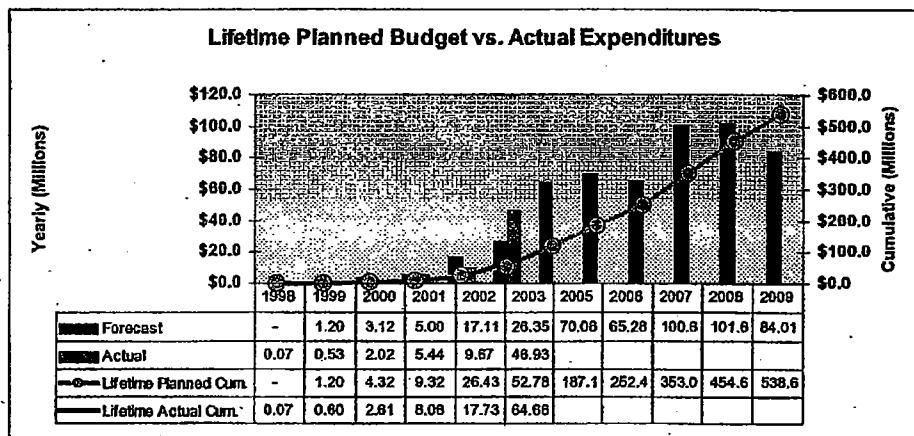
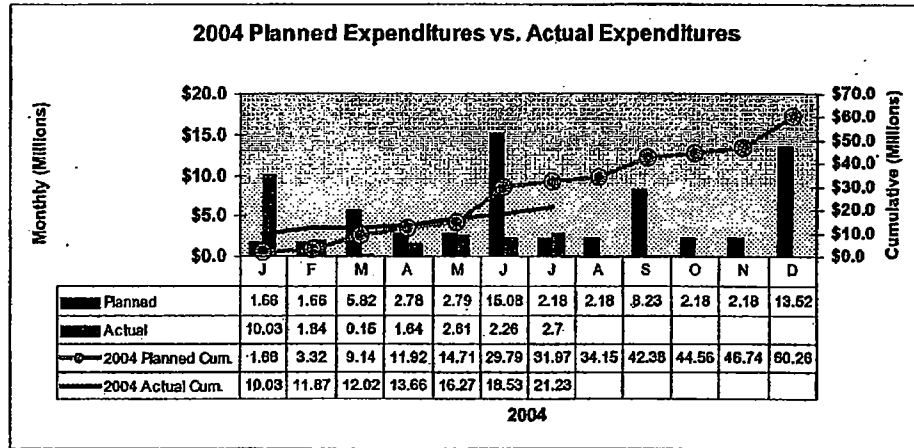
Cost Summary

Provide an overall budget status, annual and lifetime, for the combined Brightwater project.

ITEM	Budget	Annual Expenditures and Budgeting						Lifetime Expenditures and Budgeting						
		Monthly IBIS Nov. 04	Other Committed	IBIS YTD	IBIS Committed	Approved Budget	Appr. Budget % Point	Annual Forecast	Forecast % Status	IBIS LTD Committed	2004 LTD Budget	% Bldg Spent	Current Forecast	Variance Fes - Budget
IMPLEMENTATION/CONSTRUCTION														
Implementation/Construction		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
NON-IMPLEMENTATION/CONSTRUCTION														
Engineering/Architect/Consultant Services		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
Permitting and Other Agency Support		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
Right-of-Way		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
Project Contingency		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
TOTAL NON-CONSTRUCTION COST		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
TOTAL		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
Credits and Revenues		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0
Project Total - Credits and Revenues		0	0	0	0	0	0.0%	0	0.0%	0	0	0.0%	0	0

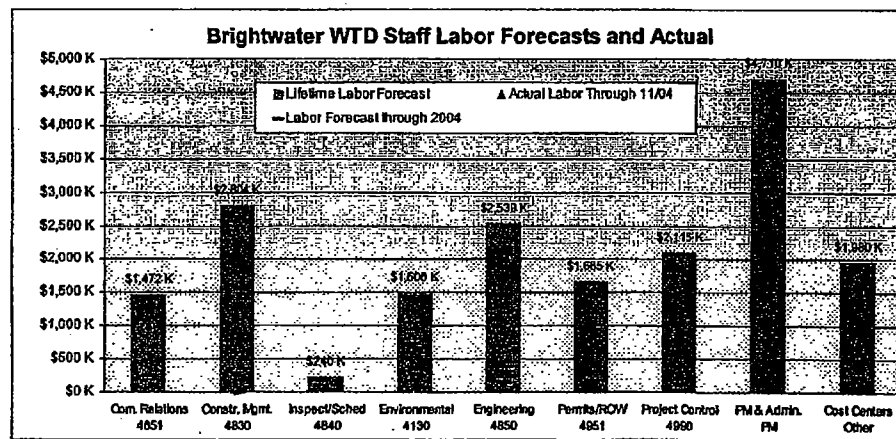
Cash Flow

Provide the annual and lifetime cash flow for the combined Brightwater project with the following graphs. (Data is for display purposes only)



Staff Labor

Compare the actual and forecast staff labor expenditures for the combined Brightwater project. (Data is for display purposes only)



Monthly Highlights

This is where the key events that occurred during the reporting period will be summarized. Using November 2004 as an example: The Brightwater project entered the final design phase following completion of predesign in October 2004. Another important activity was developing the contract packages for constructing Brightwater. Seven contract packages were identified: east tunnel, west tunnel, central tunnel, influent pump station, marine outfall, treatment plant, and miscellaneous services.

DNRP staff also had many successes related to securing local and system-wide permits for the Brightwater project.

- A Biological Opinion was received in mid-November.
- An updated Critical Area Study was submitted to King County in November.
- An updated JARPA is being prepared as a prerequisite, and in anticipation of, receiving Hydraulic Project Approval from Washington State Department of Fish and Wildlife.
- DNRP is in the process of submitting Identification of Legal Lots as a prerequisite of building permit applications and are beginning to identify and approach ~~the~~ applying for building permits.
- Discussions are continuing with Ecology regarding the 401 Certification, CZM approval, and NPDES permit.

Looking Ahead

Anticipated key activities in the upcoming months will be summarized here. Using November 2004 as an example:

Conveyance System

- The Portal 46 (at the treatment plant) grading permit submission is expected in mid-December.
- The Influent Pump Station (IPS) Shoring Permits has been changed to Design Contractor responsibility from Construction Contractor responsibility with expected submission in early February 2005. This results in a 2-week schedule acceleration for the start of the IPS slurry wall construction.
- The IPS 60 percent design submittal is expected in early March.

Treatment Plant

- Early-out cost estimating packages facilities (drawings, specifications, and vendor equipment quotes) for the treatment plant process facilities will be sent to Hoffman Construction, the GCCM, by December 17.
- The 60 percent design submittal for the treatment plant is expected in early January.

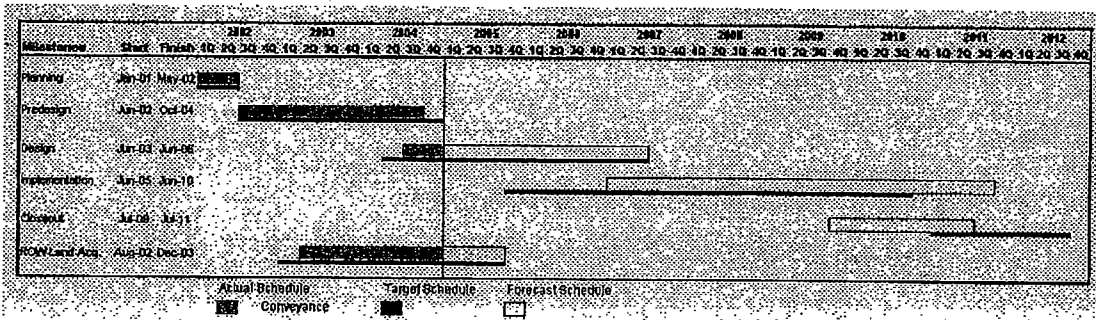
Conveyance System

Project Description

The Brightwater conveyance system is comprised of several facilities needed to convey wastewater to the Brightwater treatment plant and discharge treated effluent to Puget Sound. These facilities include a deep tunnel from the Brightwater Treatment Plant in Woodinville to Point Wells, a marine outfall in Puget Sound, diversion structures to collect or divert flow from exiting sewers into the new system, and odor control facilities.

Schedule

The phase schedule provided here will be specific to the Brightwater conveyance project. (Data is for display purposes only)



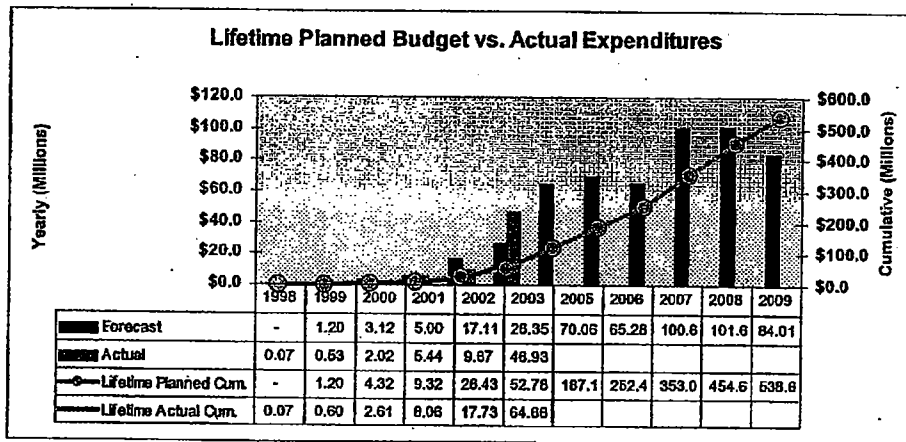
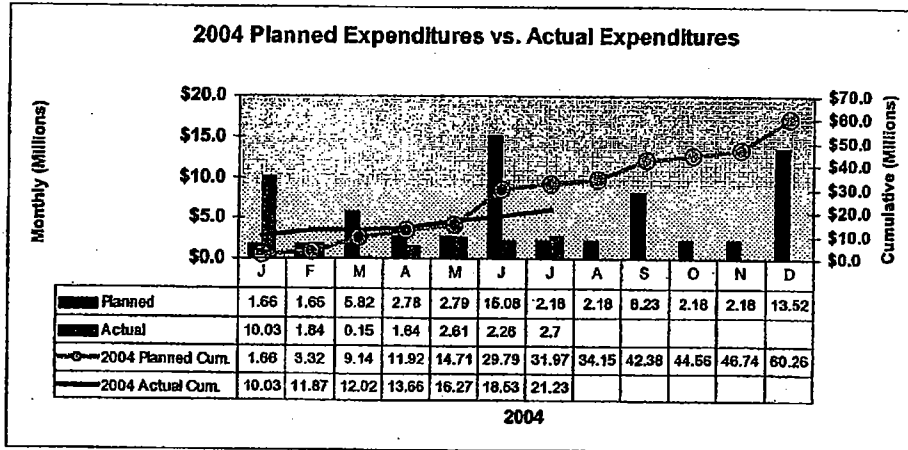
Cost Summary

The cost report will be specific to the Brightwater conveyance project

ITEM	FWS/MS Budget	Actual Expenditures and Budgets										Lifetime Expenditures and Budgets				
		Month	YTD	QTR	YTD	QTR	YTD	Approved	Actual	Forecast	YTD	2004 YTD	2004 YTD	2004 YTD	2004 YTD	
IMPLEMENTATION/CONSTRUCTION																
Implementation/Construction																
NON-IMPLEMENTATION/CONSTRUCTION																
Design/Professional/Construction Services																
Permitting and Other Agency Support																
Right-of-Way																
Project Contingency																
TOTAL NON-CONSTRUCTION COST																
TOTAL																
Credits and Revenues																
Project Total - Credits and Revenues																

Cash Flow

Provide the annual and lifetime cash flow for the conveyance system with the following graphs. (Data is for display purposes only)



Cost/Budget Adjustments

This section is to present information related to project costs and budget such as updated cost trends or commodity price increases. For example:

The cost performance basis is the 30 percent design estimates (predesign) that were developed in October 2004. Some components of the Brightwater conveyance are now nearing completion of 60 percent design; updated cost trends will be reported for those components.

Current Activities

The key monthly activities under the design process, permitting, and for the various construction contracts will be described here. These descriptions will correspond to the schedule activities shown on the opposite page.

Conveyance Design

Describe key design activities for the month.

Local Permits

Describe key permitting activities for the month

East Tunnel Contract

Describe key monthly activities for East Tunnel

West Tunnel Contract

Describe key monthly activities for West Tunnel

Central Tunnel Contract

Describe key monthly activities for Central Tunnel

Influent Pump Station Contract

Describe key monthly activities for Influent Pump Station

Marine Outfall Contract

Describe key monthly activities for Marine Outfall

Mitigation

Discuss mitigation spending here.

Schedule

Show the detailed schedule for on-going activities during the reporting period based on the layout below. The schedule activities are described under the Current Activities heading on the opposite page. (Data is for display purposes only)

Activity	Start	End	Days	Progress	Notes
Treatment Plant - Design Development					
90% Design Review/Estimate	01MAR04A	14OCT04	-34	30%	Design Review/Estimate
80% Design Development & Review	01JUL04A	21FEB05	-19	50%	Design Development & Review
90% Design Development & Review	29NOV04	11AUG05	0	80%	Design Development & Review
100% Design & Construction Documents	01JUL05	30JUN06	0	100%	Design & Construction Documents
Treatment Plant - Local Permits					
Treatment Plant Conditional Use Permit	20AUG04A	23SEP05	0	100%	Treatment Plant Conditional Use Permit
Treatment Plant Grading Permit	22FEB05	04NOV05	0	100%	Treatment Plant Grading Permit

Start Date	11JUN03	End Date	30DEC04	Project Name	Brightwater Treatment System
Start Date	30DEC04	End Date	11OCT04	Project Name	Brightwater Treatment System
Start Date	18NOV04	End Date	11OCT04	Project Name	Brightwater Treatment System

Date	Region	Checked	Approved

Schedule Adjustments/Issues

Schedule adjustments and issues for the conveyance system will be described here.

Contract Status

The fiscal status of on-going conveyance contracts is summarized using the following format.

Contract	Contract Value	Contract Type	Contract Status	Contract Start	Contract End	Contract Progress	Contract Balance	Contract Commitment	Contract Encumbrance	Contract Total
Construction Management Contract	\$0	CM	0%	0	\$0	\$0	0%	\$0	\$0	\$0
Design Contract	\$0	Design	0%	0	\$0	\$0	0%	\$0	\$0	\$0
Construction Package 1	\$0	Construction	0%	0	\$0	\$0	0%	\$0	\$0	\$0
Construction Package 2	\$0	Construction	0%	0	\$0	\$0	0%	\$0	\$0	\$0
Construction Package 3	\$0	Construction	0%	0	\$0	\$0	0%	\$0	\$0	\$0
Construction Package 4	\$0	Construction	0%	0	\$0	\$0	0%	\$0	\$0	\$0
Legal Services	\$0	Legal	0%	0	\$0	\$0	0%	\$0	\$0	\$0

Detailed Cost Report

Detail the annual and lifetime construction expenditures for the conveyance system based on the following format.

ITEM	Initial Expenditures		Annual Expenditures		15-Year Expenditures		30-Year Expenditures		45-Year Expenditures		60-Year Expenditures		75-Year Expenditures		90-Year Expenditures	
	Yearly	One-time	Yearly	One-time	Yearly	One-time	Yearly	One-time	Yearly	One-time	Yearly	One-time	Yearly	One-time	Yearly	One-time
EQUIPMENT/CONSTRUCTION																
Basic Vehicle Components	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Overhead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Contract Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (See Instructions)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Design/Professional Services/Construction																
Design/Professional Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (See Instructions)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction Management/Construction																
Construction Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (See Instructions)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Construction																
Other Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL EQUIPMENT/CONSTRUCTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAINTENANCE/CONSTRUCTION																
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other (See Instructions)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Maintenance/Construction																
Other Maintenance/Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL MAINTENANCE/CONSTRUCTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Expenditures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project Issues

Issues that may affect the project scope, schedule, or budget are described here. For example:

- There is a potential for delay in the issuance of some of local/State Permits due to the development of a supplemental environmental impacts statement to address seismic issues at the treatment plant site.
- Acquisition of the Portal 44 property potentially impacts submission of the grading permit package for the Central Tunnel. The Grading Permit package is scheduled for submission in May 2005.
- The Swamp Creek Microtunnel Easement requirements are not yet defined.
- Alignment of IPS design tasks included in the East Tunnel Construction Contract to meet the scheduled bid date.

Looking Ahead

Anticipated key activities in the upcoming months will be summarized here. For example:

- The Portal 46 grading permit submission is expected in mid-December.
- The IS and IPS Shoring Permits have been changed to Design Contractor responsibility from Construction Contractor responsibility with expected submission in early February 2005. This results in a 2 week schedule acceleration for the start of the IS and IPS slurry wall construction.
- The IPS 60 percent design submittal is expected in early March.

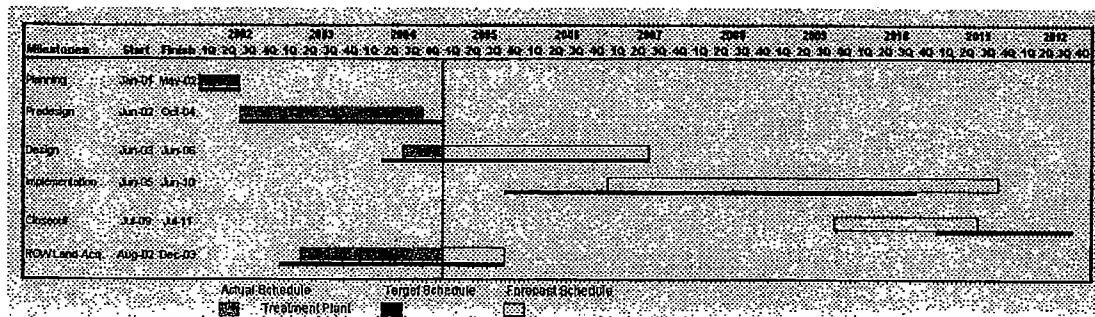
Treatment Plant

Project Description

This Brightwater Treatment Plant is a new wastewater treatment facility to be located at the Route 9 site in Woodinville. The Brightwater plant will provide 36 million gallons per day (mgd) of treatment capacity (average wet weather flow) by 2010 and 54 mgd of capacity by 2040. The Brightwater plant includes membrane secondary treatment systems, Class B biosolids production, odor control systems, and disinfection.

Schedule

The phase schedule provided here will be specific to the Brightwater treatment plant. (Data is for display purposes only)

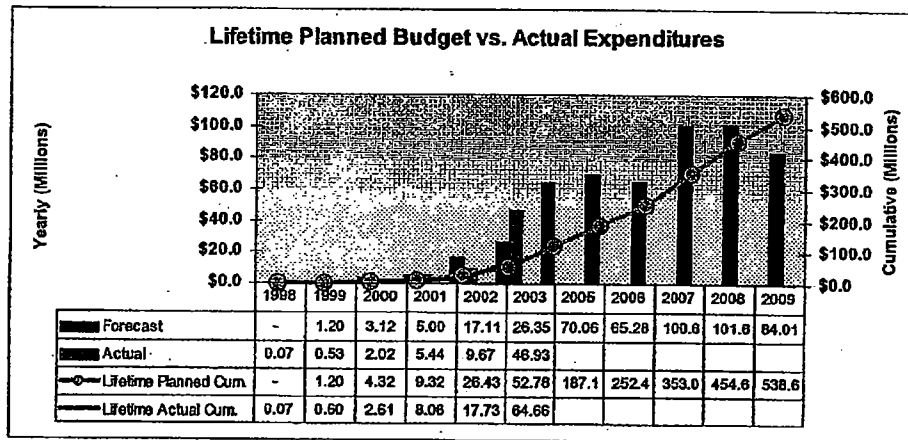
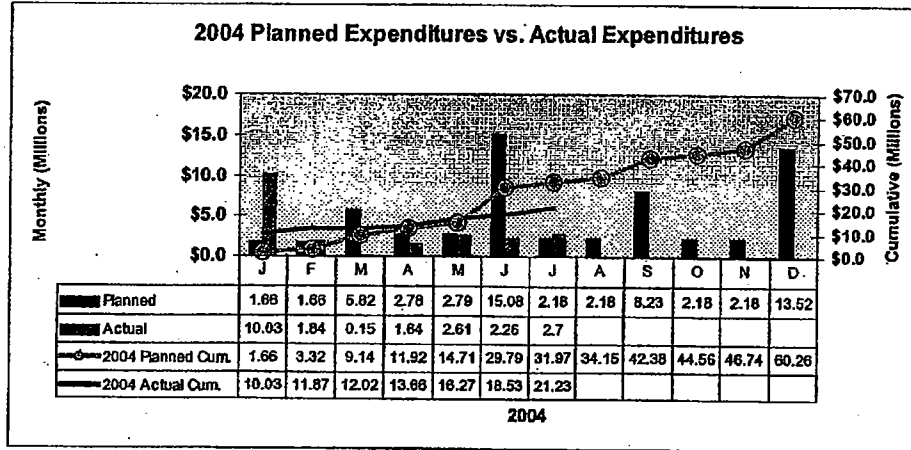


Cost Summary

ITEM	Budget	Annual Expenditures and Budgeting					Lifetime Expenditures and Budgeting							
		Monthly IBIS	Other	IBIS	IBIS YTD	Appropriated	App. Budget	Actual	Percent	IBIS LIFC	2004 LIFC	25 Yr	Current	Variance
		Nov 04	December	YTD	* Complete	PaYtd	% Done	Percent	% Spent	* Committed	Budget	Spent	Forecast	PaY Budget
IMPLEMENTATION/CONSTRUCTION														
Implementation/Construction		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
NDR IMPLEMENTATION/CONSTRUCTION														
Engineering/Professional/Consultant Services		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
Printing and Other Agency Support		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
Cost of RV		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
Project Contingency		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
TOTAL NDR CONSTRUCTION COST		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
TOTAL		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
Credits and Revenues		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0
Project Total + Credits and Revenues		0	0	0	0	0	0.0%	0	0.0%	0	0	0	0	0

Cash Flow

Provide the annual and lifetime cash flow for the Brightwater treatment plant with the following graphs. (Data is for display purposes only)



Cost/Budget Adjustments

This section is to present information related to project costs and budget such as updated cost trends or commodity price increases. For example:

The cost performance basis is currently the 30 percent design estimates (predesign) that were developed in October 2004. Much of the Brightwater project is now nearing completion of 60 percent design for and updated cost trends are expected early in 2005.

Current Activities

The key monthly activities under the design process, permitting, and for the various construction contracts will be described here. These descriptions will correspond to the schedule activities shown on the opposite page.

Treatment Plant Design

Describe key design activities during the reporting period.

Local Permits

Describe key permit activities during the reporting period. For example:

- Received Demolition Permits on two Route 9 site properties: Wild Mustang Ranch and Bear Creek Grange. Additional Demolition Permit applications are being prepared.
- A meeting was held on 12/2/04 to coordinate between the treatment plant site and Portal 46, including Grading Permit application(s).
- King County is to further consider Snohomish County CUP process in determining if a single Grading Permit for the treatment plant site will be made, or if there will be one for the plant site and one for Portal 46.
- A Grading Permit application is nearly ready for Portal 46. The North 40 Grading Permit application will be submitted on January 5 and the treatment plant in April 2005.

Treatment Plant Construction Contract

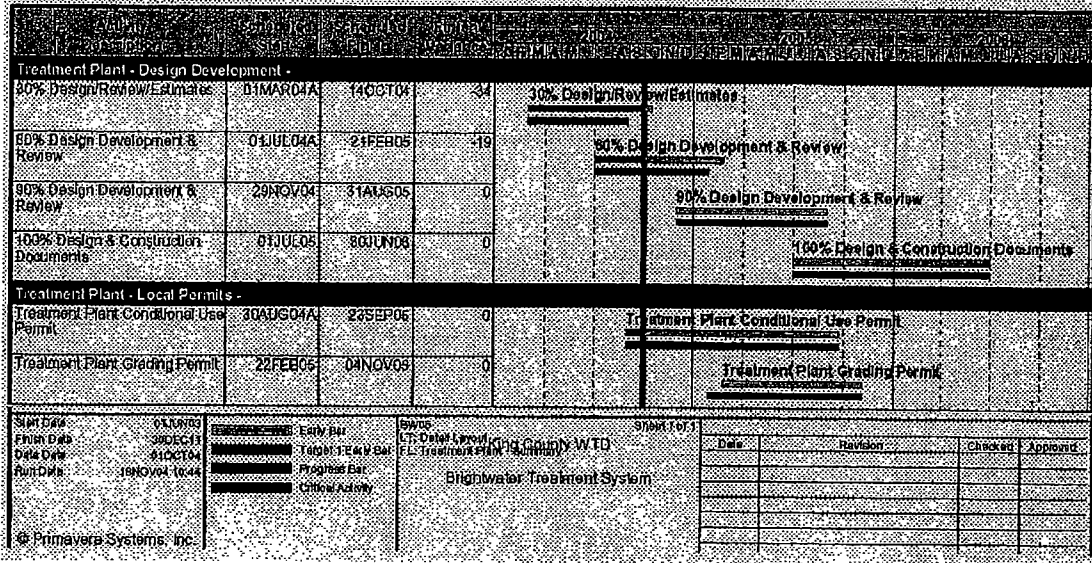
Describe key activities for the reporting period for the treatment plant construction contract.

Mitigation

Discuss mitigation spending here.

Schedule

Show the detailed schedule for on-going activities during the reporting period based on the layout below. The schedule activities are described under the Current Activities heading on the opposite page (Data is for display purposes only)



Schedule Adjustments/Issues

Schedule adjustments and issues for the treatment plant are described here.

Contract Status

The fiscal status of on-going treatment plant contracts is summarized using the following format.

Contract	Amount	Spent	% Spent	Balance	Committed	% Committed	Uncommitted	% Uncommitted
Construction Management Contract	\$0	\$0	0%	0	\$0	0%	\$0	0%
Design Contract	\$0	\$0	0%	0	\$0	0%	\$0	0%
Construction Package 1	\$0	\$0	0%	0	\$0	0%	\$0	0%
Construction Package 2	\$0	\$0	0%	0	\$0	0%	\$0	0%
Construction Package 3	\$0	\$0	0%	0	\$0	0%	\$0	0%
Construction Package 4	\$0	\$0	0%	0	\$0	0%	\$0	0%
Legal Services	\$0	\$0	0%	0	\$0	0%	\$0	0%

Project Issues

Issues that may affect the project scope, schedule, or budget are described here. For example:

- There is a potential for delay in the issuance of some of local/State Permits due to the development of a supplemental environmental impacts statement to address seismic issues at the treatment plant site.
- Acquisition of the Portal 44 property potentially impacts submission of the grading permit package for the Central Tunnel. The Grading Permit package is scheduled for submission in May 2005.
- The Swamp Creek Microtunnel Easement requirements are not yet defined.
- Alignment of IPS design tasks included in the East Tunnel Construction Contract to meet the scheduled bid date.

Looking Ahead

Anticipated key activities in the upcoming months will be summarized here. For example:

- Early-out cost estimating packages facilities (drawings, specifications, and vendor equipment quotes) for the treatment plant process facilities will be sent to Hoffman Construction, the GCCM, by December 17, 2004.
- The 60 percent design submittal for the treatment plant is expected in early January.

Definitions

Here is where we'll define all the terms, tables, and graphs used in this report.