

Appendix Q
RWSP Project Reports

Appendix Q

RWSP Project Reports

The RWSP reporting policies call for details on RWSP capital projects, including a project schedule, an expenditures summary (including staff labor and miscellaneous services), a description of any adjustments to costs and schedules, and a status of the project contracts. This appendix meets these requirements and includes a project report for the year 2005 on the following RWSP capital projects that are in design or construction:

- Brightwater Treatment Plant, project #423484¹
- Brightwater Conveyance, project #423575
- Brightwater Reclaimed Water Pipeline, project #423600
- Vashon Treatment Plant, project #423460
- Carnation Treatment Plant, project #423557
- Bellevue Pump Station, project #423521
- Black Diamond Storage, project #423373, subproject 621
- Kent/Auburn Conveyance System Improvements, project #423582
- Hidden Lake Pump Station and Boeing Creek Trunk, project #423365
- Fairwood Interceptor Sewer Project, project #423494
- Juanita Bay Pump Station, project #423406
- North Creek Pipeline, project # 423596
- Pacific Pump Station, project #423518
- RWSP Local System I/I Control, project #423297
- Sediment Management Program, project #423368
- Lower Duwamish Waterway Superfund, project #423589
- West Point Digestion Improvements, project #423593

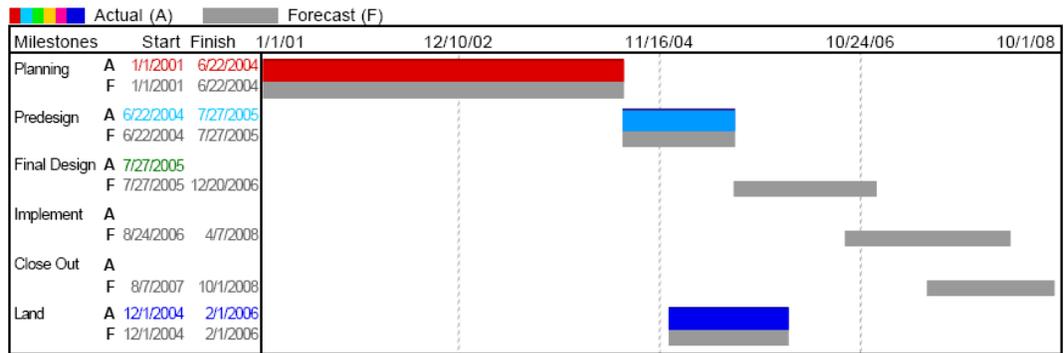
Each report is generated from the Wastewater Treatment Division (WTD) Project Management and Financial Forecast Database. An explanation of the information provided in each report follows.

¹Each wastewater capital project is assigned a six-digit number such as 423484. The first two numbers (42) identify this as a wastewater project (as opposed to a transit or roads project). The third number (3) identifies the project as capital project (as opposed to operating) and the last three numbers are sequential numbers reflecting the order the projects were assigned in a particular year.

Schedule and Cost Summary Page

The second page of each report shows the project’s milestone schedule in a bar graph format. The graph includes timelines for the various phases of a project: planning, predesign, final design, implementation, close out, and land acquisition. An example of a project schedule follows.

Milestone Schedule



The cost summary table provides expenditure information for the year 2006 and lifetime budget information based on the adopted 2006 budget. An example of a project cost summary table and an explanation of how to read the summary follows.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	6,887,028	7,135,180	9,905,690	8,507,574	24,152,079	22,964,516
Construction Contracts	6,865,870	7,053,810	9,792,000	8,486,416	23,911,274	22,684,448
Outside Agency Construction	0	0	15,000	0	0	30,450
Other Capital Charges	21,158	81,370	98,690	21,158	240,805	249,618
NON-CONSTRUCTION	1,913,048	1,057,824	1,783,031	10,525,414	11,583,473	14,012,401
Engineering	783,309	504,863	1,050,600	6,279,148	6,861,058	8,670,261
Planning & Management Svcs.	33,876	0	0	104,680	50,261	70,804
Permitting & Other Agency Support	42,108	1,567	1,567	93,395	202,435	214,318
Right-of-Way	0	0	0	1,541,751	1,516,377	1,541,751
Misc. Services & Materials	47,270	0	5,000	123,525	20,043	86,405
Staff Labor	1,006,485	551,393	725,864	2,382,915	2,933,299	3,428,862
CREDITS AND REVENUES	0	-515,000	0	0	31,363	0
Credits and Revenues	0	-515,000	0	0	31,363	0
Total \$	8,800,077	7,678,004	11,688,721	19,032,988	35,766,916	36,976,917

Expenses
CONSTRUCTION
Construction Contracts
Owner Furnished Equipment
Outside Agency Construction
Other Capital Charges
NON-CONSTRUCTION
Engineering
Planning & Management Svc
Permitting & Other Agency Su
Right-of-Way
Misc. Services & Materials
Staff Labor
PROJECT RESERVE
Project Reserve
ADJUSTMENTS
Adjustments
CREDITS AND REVENUES
Credits and Revenues

The Expense column of the cost summary table is broken down into four main headings.

- Costs associated with Construction.
- Non-Construction Costs. These are the costs associated with outside engineering services, permitting and other agency support (costs for permits), planning and management services, right-of-way (costs associated with acquisition and easements), and WTD and other county staff labor costs.
- Project Reserve Costs. These are costs associated with project contingency.
- Credits and Revenues. Credits and revenues reflect grants received, rents received, or salvage/surplus revenues.

2006 Actual Expenditure and Plan		
IBIS YTD Dec-06	Adopted Plan	Updated Plan
6,887,028	7,135,180	9,905,690
6,865,870	7,053,810	9,792,000
0	0	15,000
21,158	81,370	98,690
1,913,048	1,057,824	1,783,031
783,309	504,863	1,050,600
33,876	0	0
42,108	1,567	1,567
0	0	0
47,270	0	5,000
1,006,485	551,393	725,864
0	-515,000	0
0	-515,000	0
8,800,077	7,678,004	11,688,721

The columns under 2006 Actual Expenditure and Plan of the cost summary table reflect expenditures for 2006. The three headings under annual expenditures include:

- IBIS* YTD DEC-06. This column reflects the expenditures for the year 2006, from January through December 2006.
- Adopted Plan. These costs reflect the approved appropriation and breakdown by expense category for the year 2006.
- Updated Plan. The costs in this column reflect what was anticipated to be expended of the 2006 council-approved project budget in preparation for the 2007–2012 adopted budget submittal.

Project Managers begin developing their project budget submittals nine months before a budget is adopted and appropriated. Changes may occur from the time a budget is developed as compared to the actual budget year. These changes may cause an annual budget to be over or under expended. Such changes may result from new information that could affect the project’s scope or schedule, construction delays, or permitting and environmental review complexities.

* IBIS refers to King County’s financial reporting system.

Appendix Q. RWSP Project Reports

Lifetime Actual Expenditure and Budget		
IBIS LTD Dec-06	Lifetime Budget	Updated Budget
8,507,574	24,152,079	22,964,516
8,486,416	23,911,274	22,684,448
0	0	30,450
21,158	240,805	249,618
10,525,414	11,583,473	14,012,401
6,279,148	6,861,058	8,670,261
104,680	50,261	70,804
93,395	202,435	214,318
1,541,751	1,516,377	1,541,751
123,525	20,043	86,405
2,382,915	2,933,299	3,428,862
0	31,363	0
0	31,363	0
19,032,988	35,766,916	36,976,917

The columns under Lifetime Actual Expenditure and Budget of the cost summary table include the following three columns:

- IBIS LTD Dec-06. The costs in this column refer to total project expenditures through December 2006.
- Lifetime Budget. The costs in this column refer to projected total inflated project costs as adopted in the 2006-2011 budget (November 2005).
- Updated Budget. The costs in this column reflect the projected total inflated project costs as adopted in the 2007-2012 budget (November 2006). As noted earlier, project managers begin developing their project budget submittals around nine months before a budget is adopted and appropriated. The next year's (2007) budget submittal takes into account changes to the project scope or schedule, or new information identified since the current year's (2006) budget was adopted.

Contract Status

The third page of each project report includes information on contract status, if there are contracts associated with the project.

The contract status table provides the name of the contract, the original contract amount, amounts associated with amendments or change orders, and percentage paid of contract. The "Phased Amendments" column refers to additional planned phases of the contract; the value of those planned phase amendments are included in the "Phased Amendment" column. An example of the contract status table follows.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Juanita Bay Pump Station Replacement C43085C	\$18,988,000	\$0	\$18,988,000	\$28,957	0%	2	\$19,016,957	\$7,896,688	12	42%
Eng'g Services for Juanita Bay & Forcemain Update E03037E	\$1,849,354	\$4,725,798	\$6,575,153	\$0	0%	1	\$6,575,153	\$6,295,200	68	96%

RWSP Project Report

DECEMBER 2006

423484 Brightwater Treatment Plant



Project Description

This project will design and construct a treatment plant to provide 39 million gallons per day (mgd) of treatment capacity (average wet weather flow) by 2010 and 54 mgd of capacity by 2040. The Brightwater Treatment Plant will be located just east of State Route 9 and north of State Route 522 and Woodinville. Treatment and support facilities will cover approximately 43.0 acres (with additional area for storm water treatment, open space, wildlife habitat and wetlands). The Brightwater plant will include membrane bioreactor (MBR) secondary treatment systems, Class B biosolids, reclaimed water production, odor control systems, and disinfection.

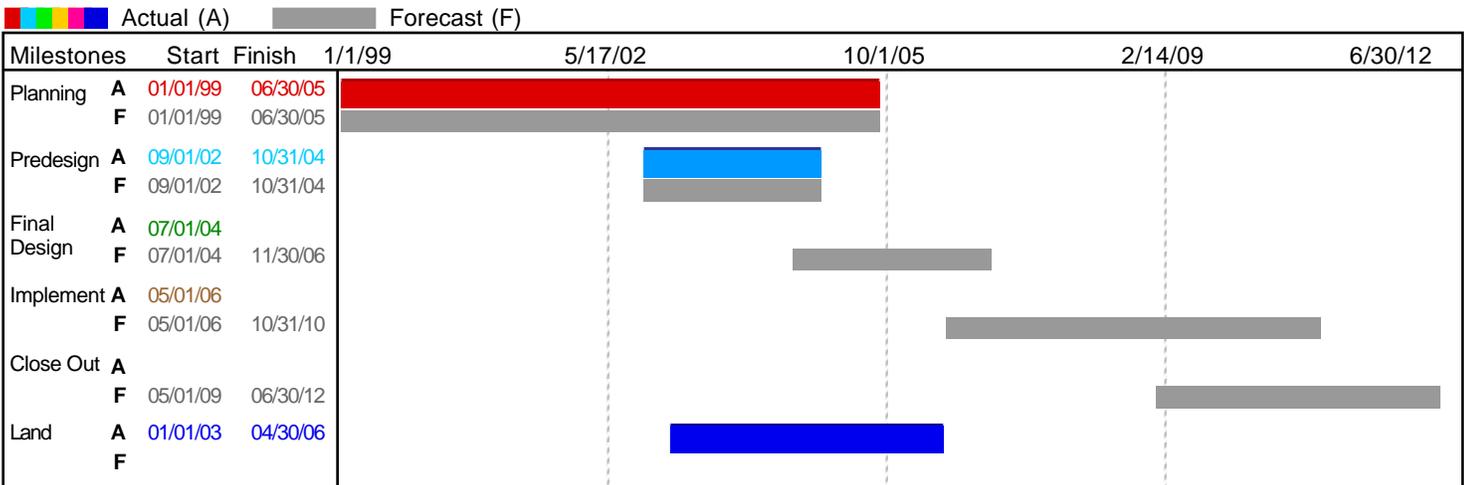
Project Phase: 3 Final Design



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	21,448,761	16,522,503	32,403,786	24,708,222	384,509,178	478,861,442
Construction Contracts	21,384,905	16,522,503	31,760,908	24,516,276	384,421,268	478,130,950
Owner Furnished Equipment	0	0	0	34,431	34,384	34,431
Outside Agency Construction	62,699	0	0	62,699	0	0
Other Capital Charges	1,157	0	642,878	94,817	53,526	696,061
NON-CONSTRUCTION	74,239,034	21,949,888	65,317,016	233,524,729	239,384,265	306,271,754
Engineering	12,529,837	4,228,930	8,816,389	56,361,048	76,178,630	56,867,396
Planning & Management Svcs.	2,761,237	0	2,486,875	11,959,683	6,434,013	24,754,525
Permitting & Other Agency Support	38,813,634	7,202,567	35,688,118	41,317,655	24,373,345	88,175,072
Right-of-Way	16,388,720	7,624,335	14,821,560	105,360,126	101,641,682	103,792,966
Misc. Services & Materials	302,819	313,795	313,795	3,300,761	4,736,486	4,826,964
Staff Labor	3,442,787	2,580,262	3,190,279	15,225,456	26,020,109	27,854,832
PROJECT RESERVE	0	0	0	0	31,226,400	19,508,447
Project Reserve	0	0	0	0	31,226,400	19,508,447
ADJUSTMENTS	0	0	0	0	0	0
Adjustments	0	0	0	0	0	0
CREDITS AND REVENUES	-1,004,494	-1,063,135	-1,032,170	-2,625,056	-10,290,757	-10,609,482
Credits and Revenues	-1,004,494	-1,063,135	-1,032,170	-2,625,056	-10,290,757	-10,609,482
Total \$	94,683,302	37,409,256	96,688,632	255,607,896	644,829,087	794,032,162

Cost/Budget Adjustments

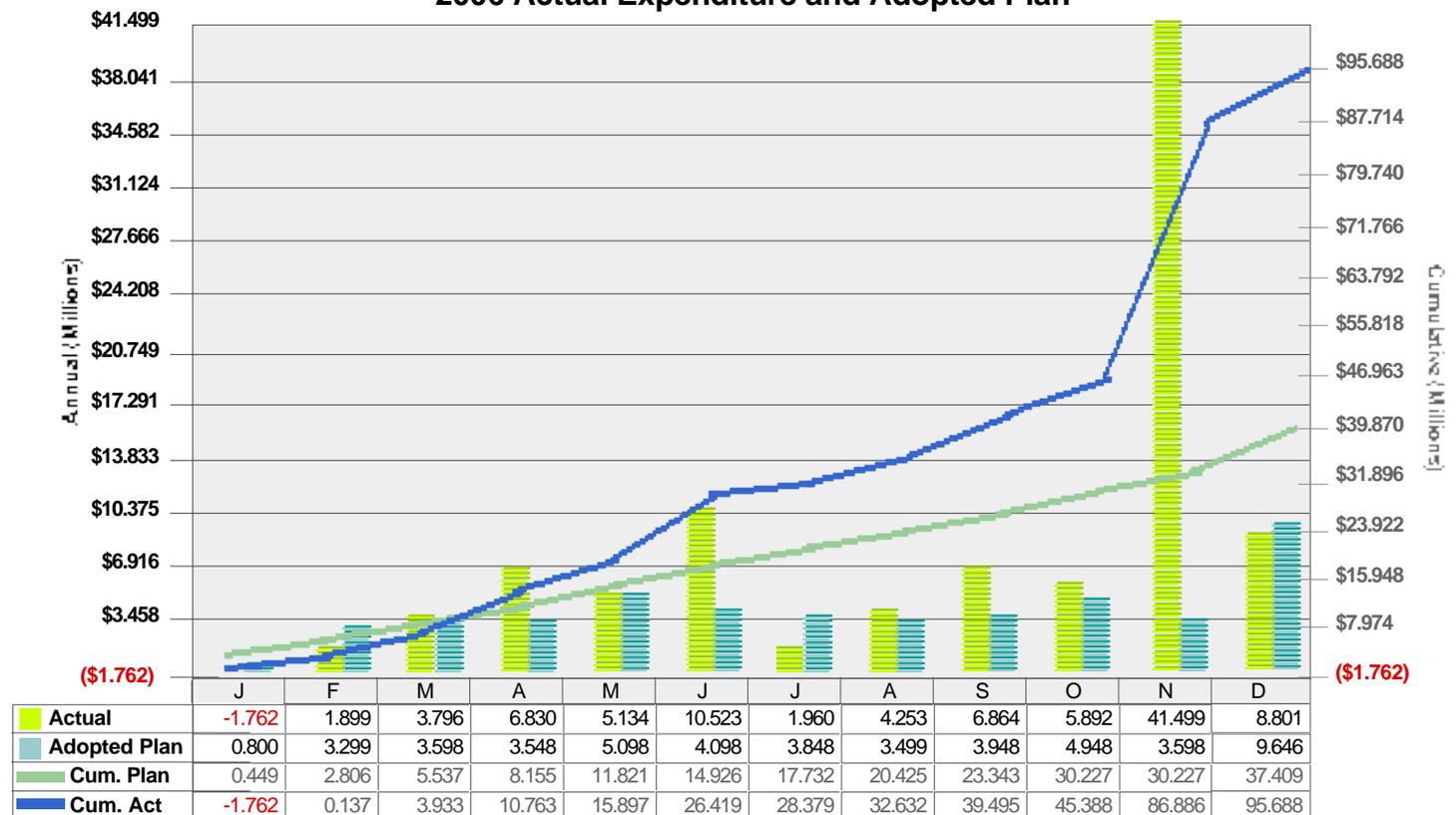
The project lifetime cost was updated as a result of the December 2005 Trend Cost review provided to Council in early 2006. The Lifetime Updated Budget column reflects an increase from the prior baseline budget of \$644.8 million to \$794 million primarily due to the impact of inflation and mitigation costs. A portion of this increase was offset by decreases in Conveyance and land costs.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Engineering Services for Brightwater Treatment Plant E13035E	\$9,719,364	\$31,747,643	\$41,467,007	\$17,999,079	43%	30	\$59,466,086	\$53,000,167	334	89%
RWSP Program Management Services Development P03012P	\$8,205,521	\$0	\$8,205,521	\$1,245,617	15%	4	\$9,451,138	\$9,328,574	47	99%
North Treatment Facilities Site Selection P93012P	\$4,617,000	\$0	\$4,617,000	\$7,629,920	165%	11	\$12,246,920	\$12,000,349	70	98%
Brightwater Legal Services Agreement/Brightwater legal Svcs	\$3,500,000	\$0	\$3,500,000	\$0	0%		\$3,500,000	\$154,205	10	4%
Construction Management Services for the Treatment Plant P53007P	\$1,497,206	\$0	\$1,497,206	\$2,770,004	185%	1	\$4,267,210	\$804,240	10	19%
GCCM Contract for Brightwater C38138C	\$1,424,428	\$0	\$1,424,428	\$719,295	2,273%	6	\$33,800,779	\$15,312,617	106	45%
NTF Legal Services T01129T	\$1,150,000	\$0	\$1,150,000	\$2,150,000	187%	3	\$3,300,000	\$2,887,846	59	88%
NTF Legal Services T01130T	\$1,150,000	\$0	\$1,150,000	\$2,463,000	214%	3	\$3,613,000	\$3,184,255	63	88%
NTF Legal Services T01129T	\$1,150,000	\$0	\$1,150,000	\$2,150,000	187%	3	\$3,300,000	\$2,887,846	59	88%
NTF Legal Services T01130T	\$1,150,000	\$0	\$1,150,000	\$2,463,000	214%	3	\$3,613,000	\$3,184,255	63	88%
Brightwater Treatment Plant Testing and Inspection P00001P06	\$100,000	\$0	\$100,000	\$0	0%		\$100,000	\$57,304	5	57%
Brightwater Team Facilitation P56016P	\$69,932	\$0	\$69,932	\$24,374	35%	2	\$94,306	\$68,744	7	73%

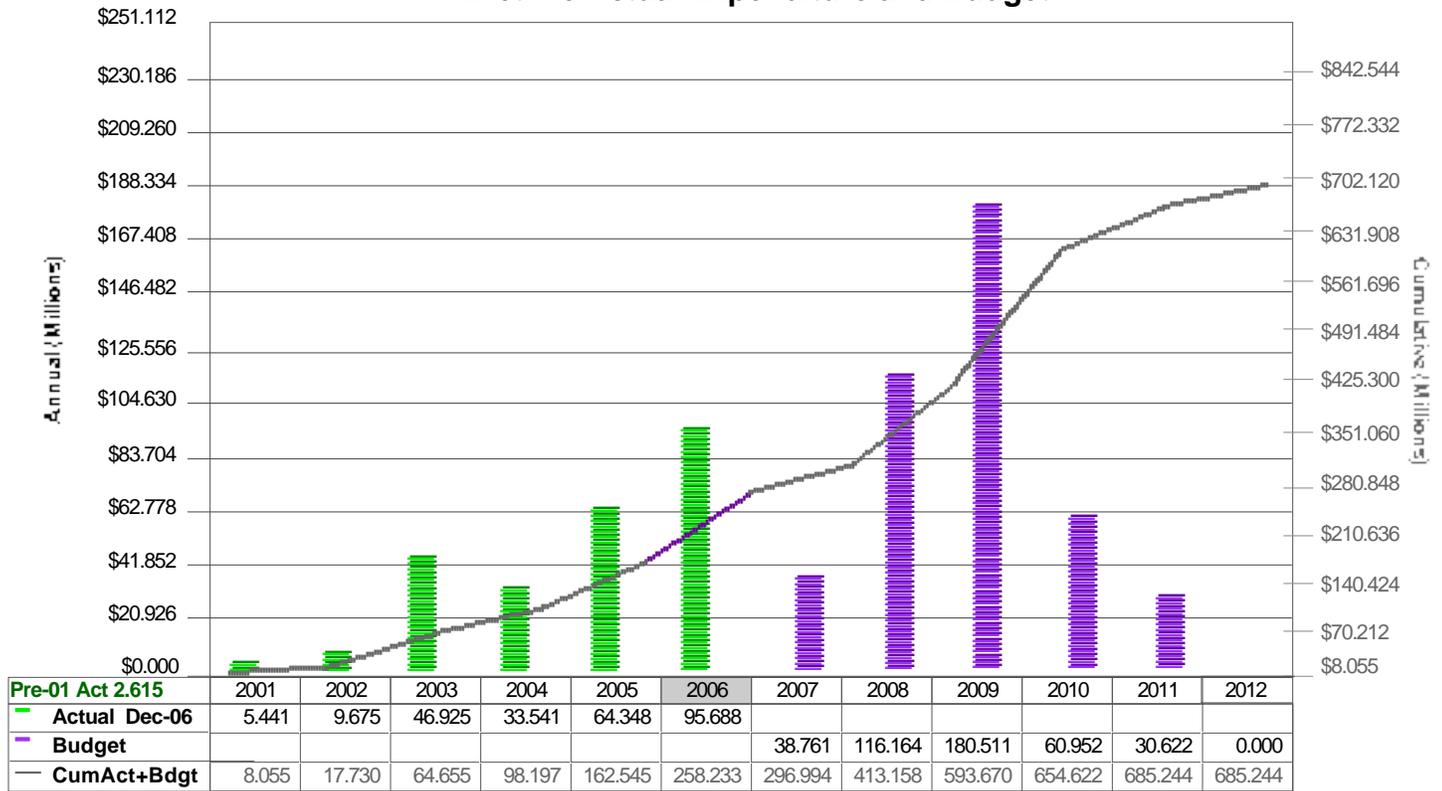
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

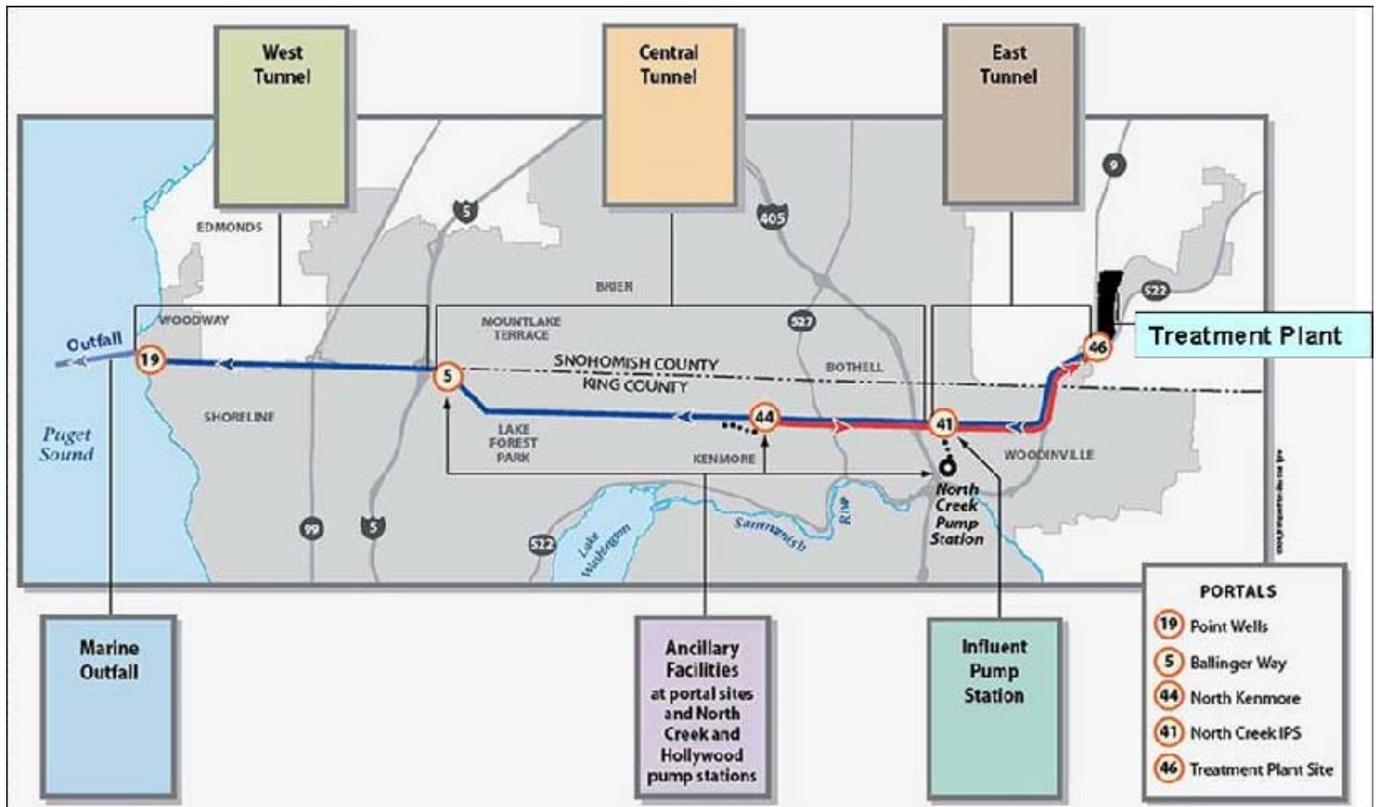
Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423575 Brightwater Conveyance



Project Description

This project will carry treated and untreated wastewater to and from the Brightwater treatment plant located north of Woodinville along State Route 9. The Brightwater project will serve south Snohomish County and north King County once it becomes operational in late 2010. The 14.9 mile long Brightwater conveyance system is composed of a deep large diameter tunnel extending from the treatment plant to Puget Sound. The tunnel will discharge highly treated effluent through a new outfall located one mile offshore of point Wells at a depth of 600'.

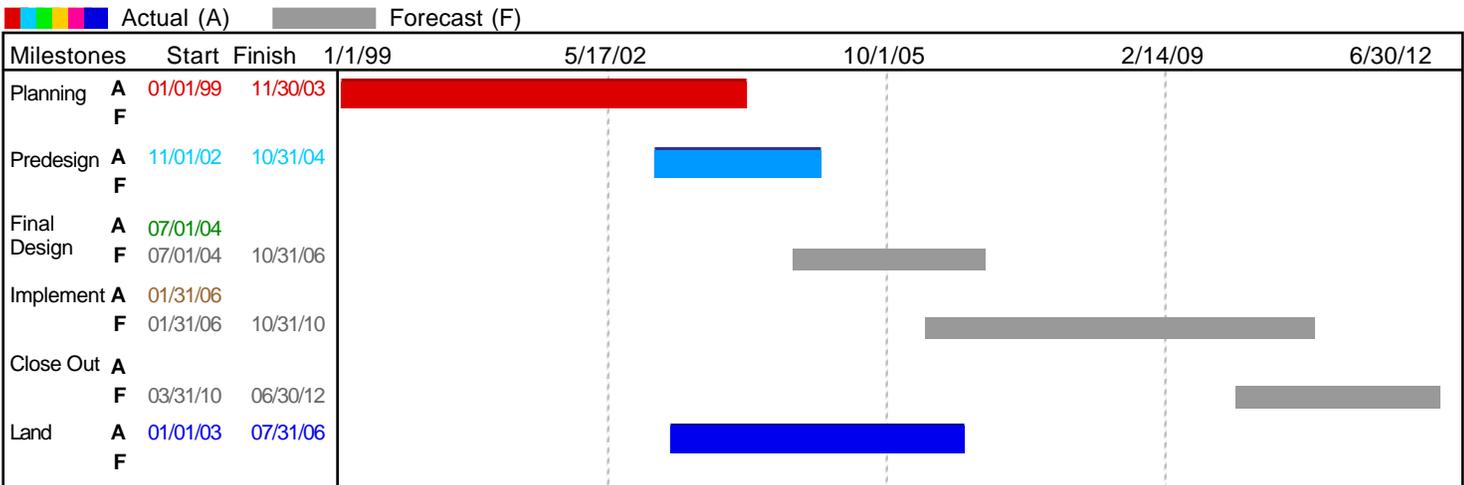
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

N/A

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	51,034,483	23,469,496	41,227,021	56,193,179	705,313,807	660,848,472
Construction Contracts	50,584,831	23,469,496	35,409,535	55,598,767	705,052,251	650,047,986
Owner Furnished Equipment	0	0	0	87,999	87,580	87,999
Outside Agency Construction	318,561	0	3,720,871	322,429	130,000	3,724,740
Other Capital Charges	131,091	0	2,096,615	183,984	43,975	6,987,748
NON-CONSTRUCTION	23,501,764	32,746,766	31,199,365	117,928,574	228,844,011	206,563,963
Engineering	9,128,059	17,225,852	12,085,007	58,157,891	136,819,655	82,878,546
Planning & Management Svcs.	4,782,580	0	4,392,285	20,518,043	13,318,665	57,860,431
Permitting & Other Agency Support	371,608	11,408,478	6,260,688	1,548,410	22,088,832	13,924,480
Right-of-Way	5,209,639	0	4,348,948	17,574,760	21,245,987	16,714,069
Misc. Services & Materials	496,734	341,315	341,315	3,237,135	4,822,349	4,799,717
Staff Labor	3,513,143	3,771,121	3,771,121	16,892,334	30,548,523	30,386,720
PROJECT RESERVE	0	0	0	0	89,486,135	93,094,949
Project Reserve	0	0	0	0	89,486,135	93,094,949
ADJUSTMENTS	0	0	0	0	0	0
Adjustments	0	0	0	0	0	0
CREDITS AND REVENUES	-3,501	0	0	-5,351	0	-1,850
Credits and Revenues	-3,501	0	0	-5,351	0	-1,850
Total \$	74,532,745	56,216,262	72,426,386	174,116,402	1,023,643,953	960,505,535

Cost/Budget Adjustments

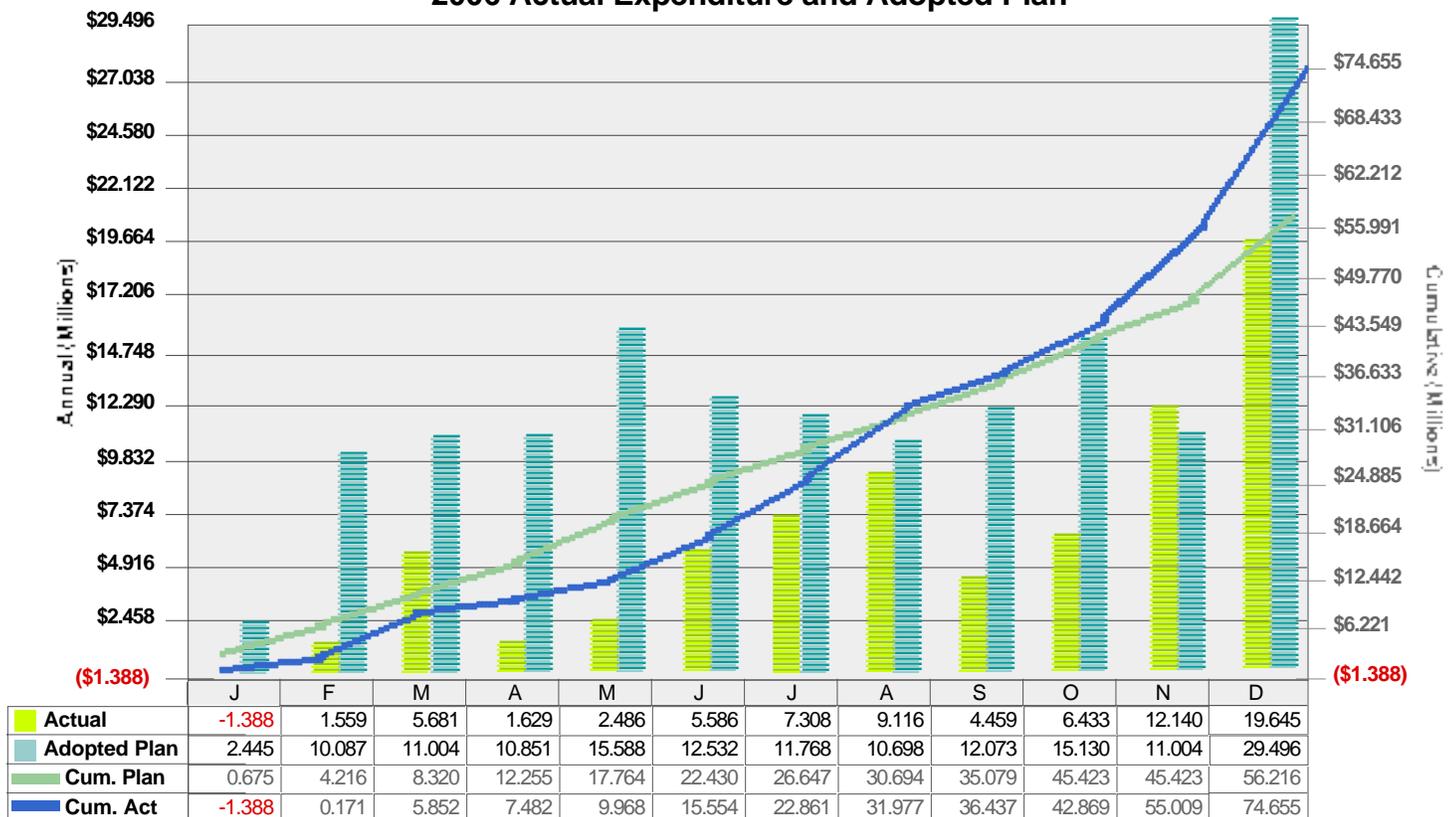
N/A

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Brightwater Conveyance Sys, Central Contract, BW Tunnel, C00005C06	\$211,076,058	\$0	\$211,076,058	\$6,558	0%	1	\$211,082,616	\$20,769,834	7	10%
East Combined Tunnel C53060C	\$130,848,750	\$0	\$130,848,750	\$71,963	0%	2	\$130,920,713	\$25,241,994	7	19%
CM Services for BW Conveyance P43020P	\$13,327,255	\$0	\$13,327,255	\$962,548	7%	1	\$14,289,803	\$4,873,722	19	34%
Geotechnical Services for the Brightwater Conveyance E23007E	\$11,474,386	\$10,386,010	\$21,860,396	\$285,657	1%	4	\$22,146,053	\$14,375,858	463	65%
Brightwater Conveyance E33015E/A	\$11,173,313	\$2,291,578	\$13,464,890	\$0	0%	1	\$13,464,890	\$10,995,350	28	82%
Prof Svcs for Brightwater Conveyance Final Design E33015E/C	\$7,167,571	\$1,581,546	\$8,749,117	\$0	0%	1	\$8,749,117	\$5,503,157	28	63%
Prof Svcs for Brightwater Conveyance Final Design E33015E/B	\$5,672,837	\$1,234,040	\$6,906,877	\$0	0%	1	\$6,906,877	\$4,085,786	28	59%
Brightwater Reclaimed Water Conveyance Facility E43010E	\$1,918,771	\$1,300,972	\$3,219,743	-\$469,808	-15%	4	\$2,749,936	\$1,914,918	28	70%
Construction Management Services for the Brightwater P53017P	\$933,568	\$0	\$933,568	\$0	0%		\$933,568	\$86,278	5	9%
Brightwater Oversight Monitoring Consultant P43024P	\$475,916	\$337,636	\$813,552	\$0	0%	1	\$813,552	\$371,830	22	46%
Brightwater Conveyance Testing & Inspection P53018P	\$250,000	\$0	\$250,000	\$0	0%		\$250,000	\$15,114	8	6%

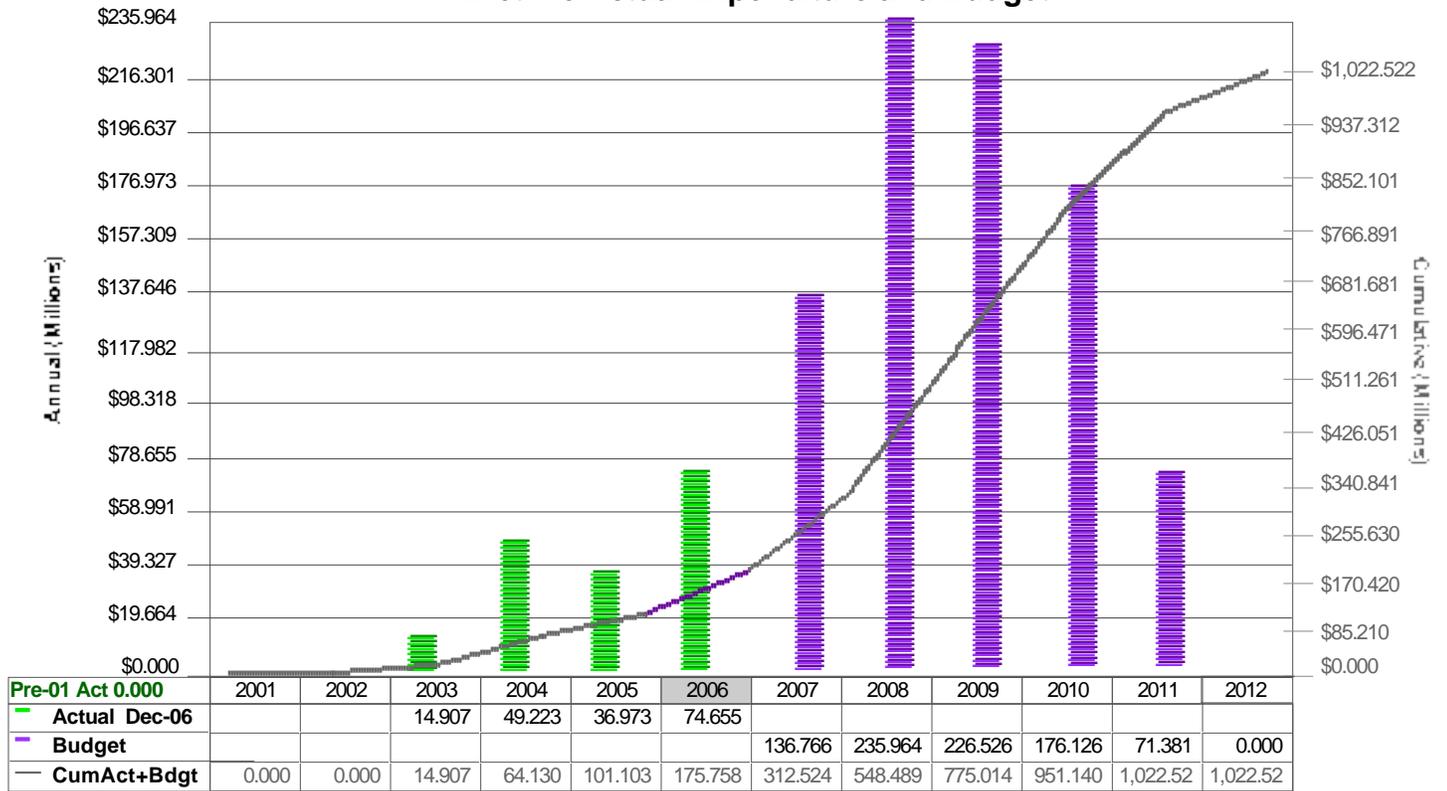
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423600 Brightwater Reclaimed Water Pipeline



Project Description

This project will convey Class A reclaimed water produced at the Brightwater Treatment Plant to the Sammamish Valley and to potential customers along the effluent pipeline system starting in 2011. The system initially (Phase I) will provide up to 7 mgd of reclaimed water to the area by gravity. Second phase of the BWRW (Phase II) involves bringing the West segment of the backbone into service by adding pumping capacity as needed to match demand, providing up to 14 mgd of additional reclaimed water for a total 21 mgd.

Project Phase: 4 Implementation

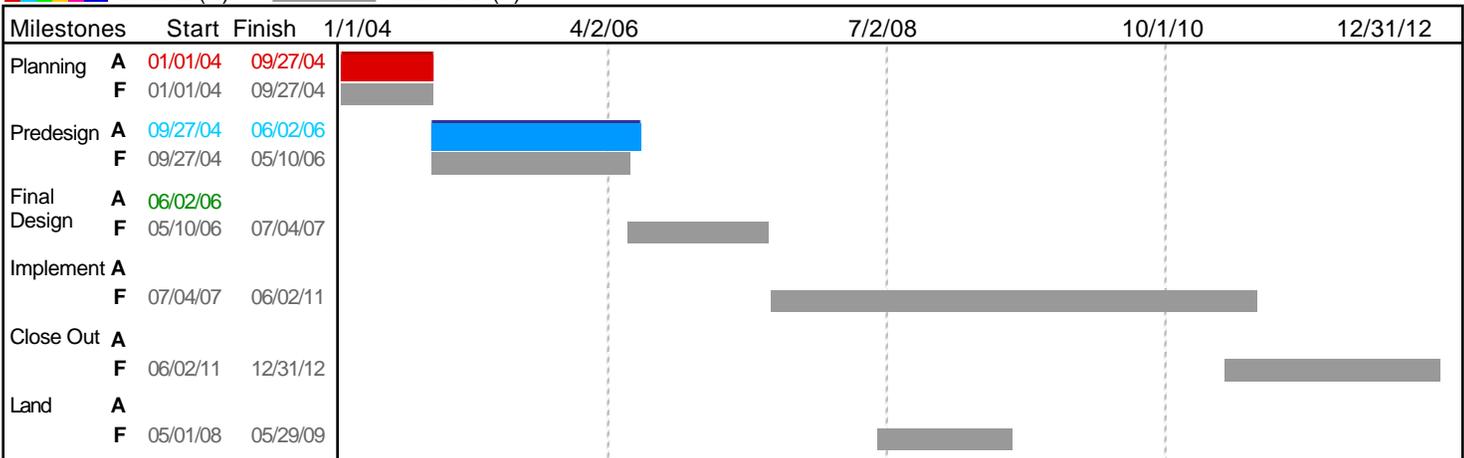


King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule

Actual (A) Forecast (F)



Schedule Adjustments

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	255	154,500	130,000	255	17,413,745	17,771,168
Construction Contracts	0	103,000	0	0	17,198,288	17,552,440
Other Capital Charges	255	51,500	130,000	255	215,457	218,728
NON-CONSTRUCTION	1,704,557	1,730,989	1,500,708	1,704,557	7,599,995	6,884,874
Engineering	1,022,941	987,500	933,684	1,022,941	3,546,628	3,519,460
Permitting & Other Agency Support	4,683	51,500	30,000	4,683	420,853	159,273
Right-of-Way	0	103,000	0	0	215,551	266,955
Misc. Services & Materials	29,998	60,083	34,627	29,998	352,821	197,709
Staff Labor	646,935	528,906	502,397	646,935	3,064,142	2,741,476
PROJECT RESERVE	0	0	0	0	2,300,283	2,830,985
Project Reserve	0	0	0	0	2,300,283	2,830,985
Total \$	1,704,811	1,885,489	1,630,708	1,704,811	27,314,023	27,487,026

Cost/Budget Adjustments

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Brightwater Reclaimed Water Conveyance Facility E43010E	\$1,918,771	\$1,300,972	\$3,219,743	-\$469,808	-15%	4	\$2,749,936	\$1,914,918	28	70%

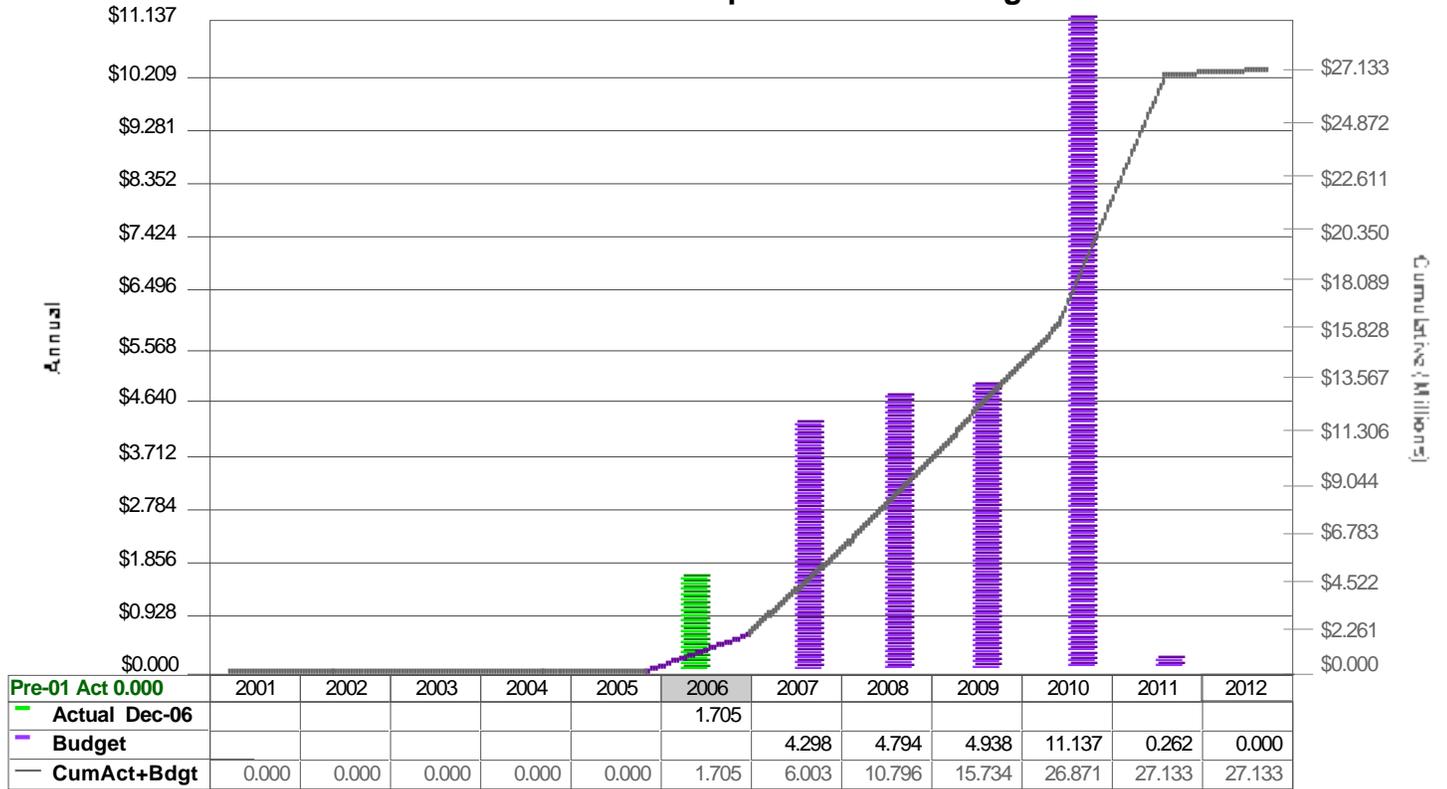
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423460 Vashon Island T.P. Upgrade



Project Description

This project expands and upgrades the existing Vashon Island Wastewater Treatment Plant and outfall in accordance with a contract executed in 1999 with the Vashon Sewer District. Under this agreement, King County has also worked with the local sewer district to implement operational and safety improvements to the local sewage collection systems. Construction on the treatment plant upgrades to increase capacity and add back-up treatment systems began in 2004. Substantial completion of these improvements was achieved on schedule in December 2006. Other related improvements implemented via this project include: moving the marine outfall farther out into Puget Sound, removal of derelict fish nets, installation of a telemetry system to allow communication and coordination with King County's South Treatment plant and various safety improvements.

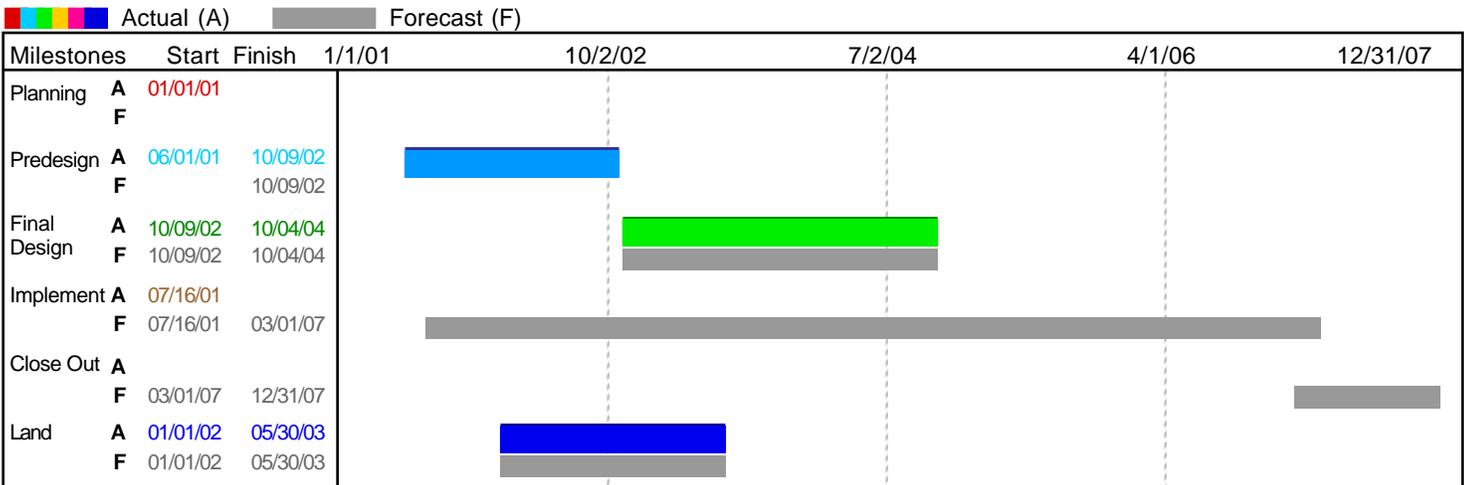
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

The new Vashon WWTP began receiving wastewater in October 2006, exceeding the Department of Ecology compliance order requirement that the plant to be in operation by the first quarter of 2007. Achieving this milestone has been a challenge as there have been a number of delays during the construction phase. In 2006 construction progress has been steady but slow due to late delivery of control equipment and severe weather later in the year. During 2006, via Change Orders, the date of substantial completion of the Vashon Wastewater Treatment Plant Upgrade was revised from July 15, 2006 to December 6, 2006.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	4,258,179	3,858,380	3,768,998	13,885,444	13,825,566	13,855,429
Construction Contracts	4,254,954	3,858,380	3,768,998	13,728,602	13,671,948	13,701,812
Owner Furnished Equipment	0	0	0	4,839	4,839	4,839
Outside Agency Construction	0	0	0	0	0	0
Other Capital Charges	3,225	0	0	152,003	148,778	148,778
NON-CONSTRUCTION	1,646,194	637,750	914,125	7,000,406	5,564,635	6,513,211
Engineering	389,335	354,500	328,000	3,206,374	3,108,367	3,227,039
Planning & Management Svcs.	471,573	0	180,000	914,963	19,302	643,390
Permitting & Other Agency Support	15,178	12,875	12,875	190,473	258,518	183,851
Right-of-Way	0	0	0	0	0	0
Misc. Services & Materials	44,616	0	0	421,200	342,292	376,584
Staff Labor	725,491	270,375	393,250	2,267,396	1,836,156	2,082,347
PROJECT RESERVE	0	0	0	0	0	0
Project Reserve	0	0	0	0	0	0
ADJUSTMENTS	0	0	0	0	0	0
Adjustments	0	0	0	0	0	0
CREDITS AND REVENUES	-433,900	0	0	-433,900	0	0
Credits and Revenues	-433,900	0	0	-433,900	0	0
Total \$	5,470,473	4,496,130	4,683,123	20,451,950	19,390,201	20,368,640

Cost/Budget Adjustments

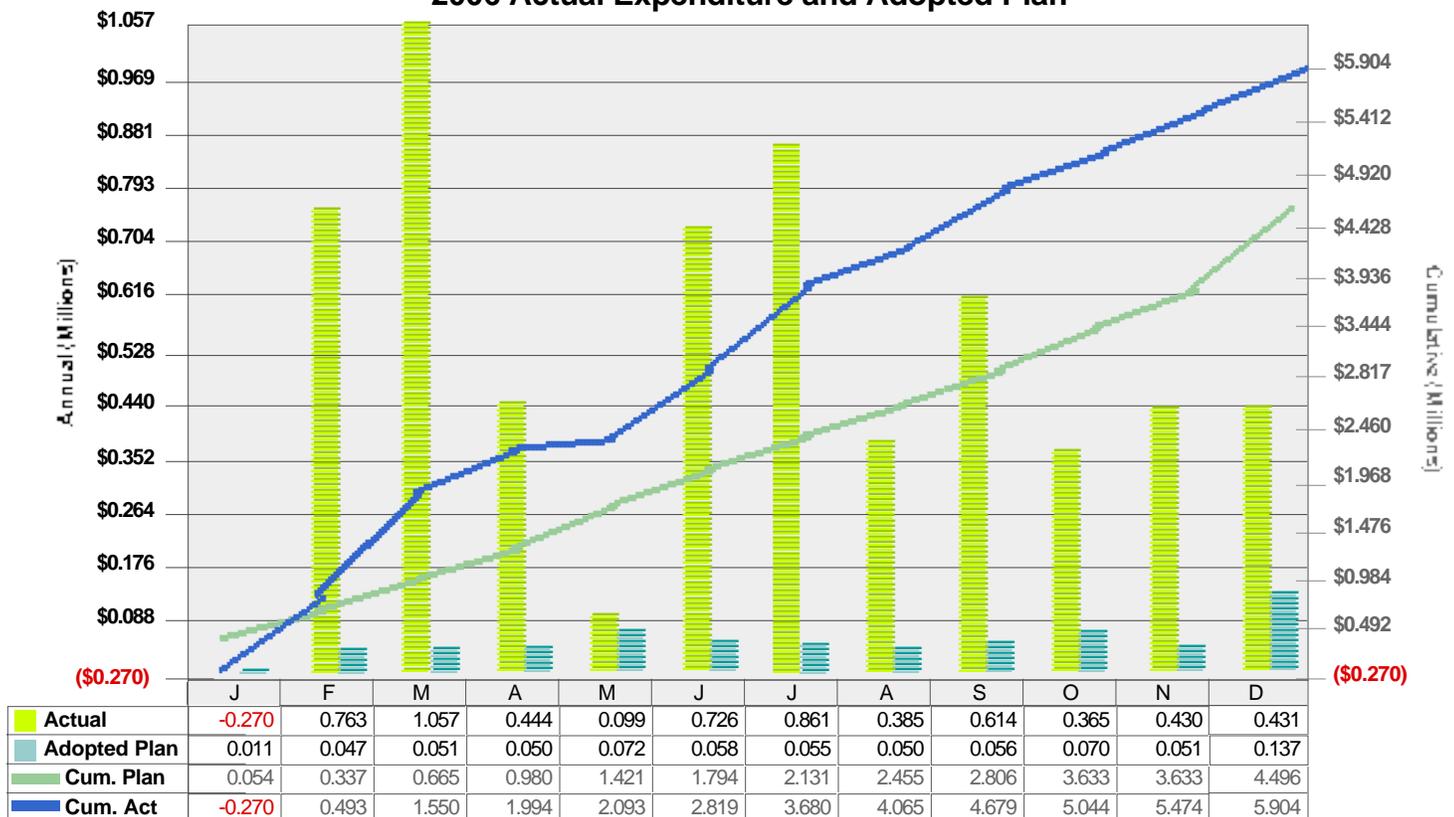
During 2006 modifications to the construction and weather delays required the construction contract amount to be increased. Change Orders Nos. 5-11 to the construction contract were issued in 2006. Some of the more significant changes were required to meet permit requirements, including additions to the fire control system for the administration and Electrical buildings, additional earthwork and landscaping of stockpile areas, and electrical panel revisions. Also some of the additional costs are related change orders issued in 2005 that added work related to the discovery of metal contaminated surface soils and revisions to the grading plan which totalled \$1.15 million.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Vashon Island Treatment Plant Upgrade C46131C	\$7,164,201	\$0	\$7,164,201	\$1,576,181	22%	12	\$8,740,382	\$8,657,863	28	99%
Vashon Island Treatment Plant Upgrade Project E93057E	\$599,681	\$1,617,764	\$2,217,445	\$382,312	17%	6	\$2,599,757	\$2,508,632	79	96%
Vashon WWTP Interim Improvements C13013C	\$500,000	\$0	\$500,000	\$50,000	10%	1	\$550,000	\$518,965	8	94%
Outfall Improvements Vashon Island Treatment Plant C33127C	\$204,454	\$0	\$204,454	\$0	0%		\$204,454	\$204,454	2	100%

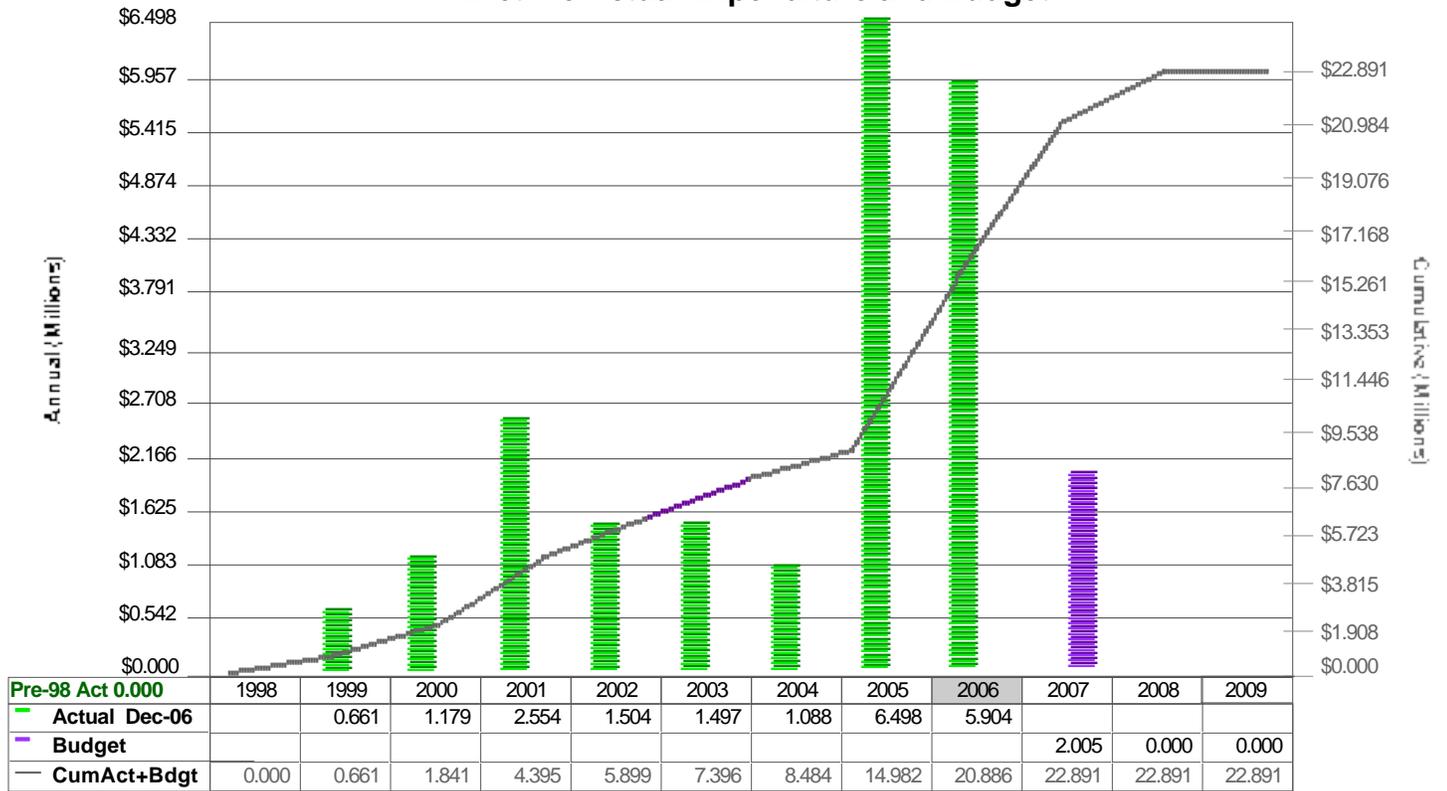
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423557 Carnation Treatment Plant



Project Description

This project will provide the City of Carnation with a new state of the art 0.43 mgd MBR treatment facility that will be owned and operated by King County. The plant will produce Class A reclaimed water that will initially be used to enhance existing wetlands at the Chinook Bend Natural Area. The project includes all work to implement this objective including planning, permitting, design and construction of a new treatment plant. The City of Carnation is replacing its on-site septic systems with a collection system to protect public health and the environment, achieve the city's comprehensive plan goals, and maintain and enhance community livability. The city is responsible for the design and construction of the local wastewater collection system. Construction of the sewage collection system is scheduled to be substantially complete by the end of 2007. Construction of Carnation Wastewater Treatment Facility is scheduled to be substantially complete in mid-2008. In 2006 an amendment to the Carnation Wastewater Facilities Plan was completed that will allow the new Carnation WWTF to produce reclaimed water that will be used to enhance wetlands at the Chinook Bend Natural Area.

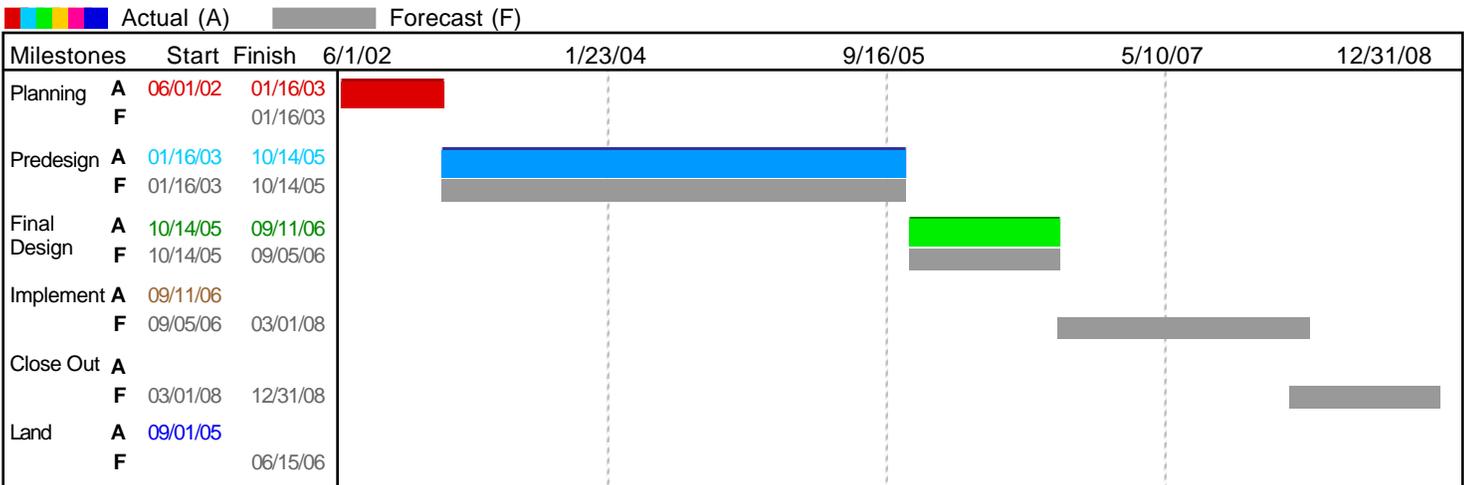
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Severe weather in November and December 2006 caused some construction delays adding 20 days to the original contract. Construction is proceeding and is projected to be substantially complete in mid-2008.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	1,495,874	4,461,445	3,021,551	1,508,233	9,056,733	14,660,230
Construction Contracts	1,495,874	3,946,445	2,841,951	1,508,233	8,011,283	13,740,678
Owner Furnished Equipment	0	515,000	179,600	0	1,045,450	919,552
NON-CONSTRUCTION	1,245,841	854,847	-221,237	5,299,236	4,746,384	5,257,920
Engineering	776,044	412,000	-275,684	3,385,413	2,585,673	2,807,368
Planning & Management Svcs.	150,844	0	175,000	183,012	13,099	761,213
Permitting & Other Agency Support	120,745	3,433	3,429	161,047	130,897	94,351
Right-of-Way	153,352	113,300	0	164,602	223,300	320,250
Misc. Services & Materials	63,481	9,059	-3,390	114,236	67,806	55,387
Staff Labor	-18,624	317,055	-120,592	1,290,926	1,725,609	1,219,351
Total \$	2,741,715	5,316,292	2,800,314	6,807,469	13,803,117	19,918,150

Cost/Budget Adjustments

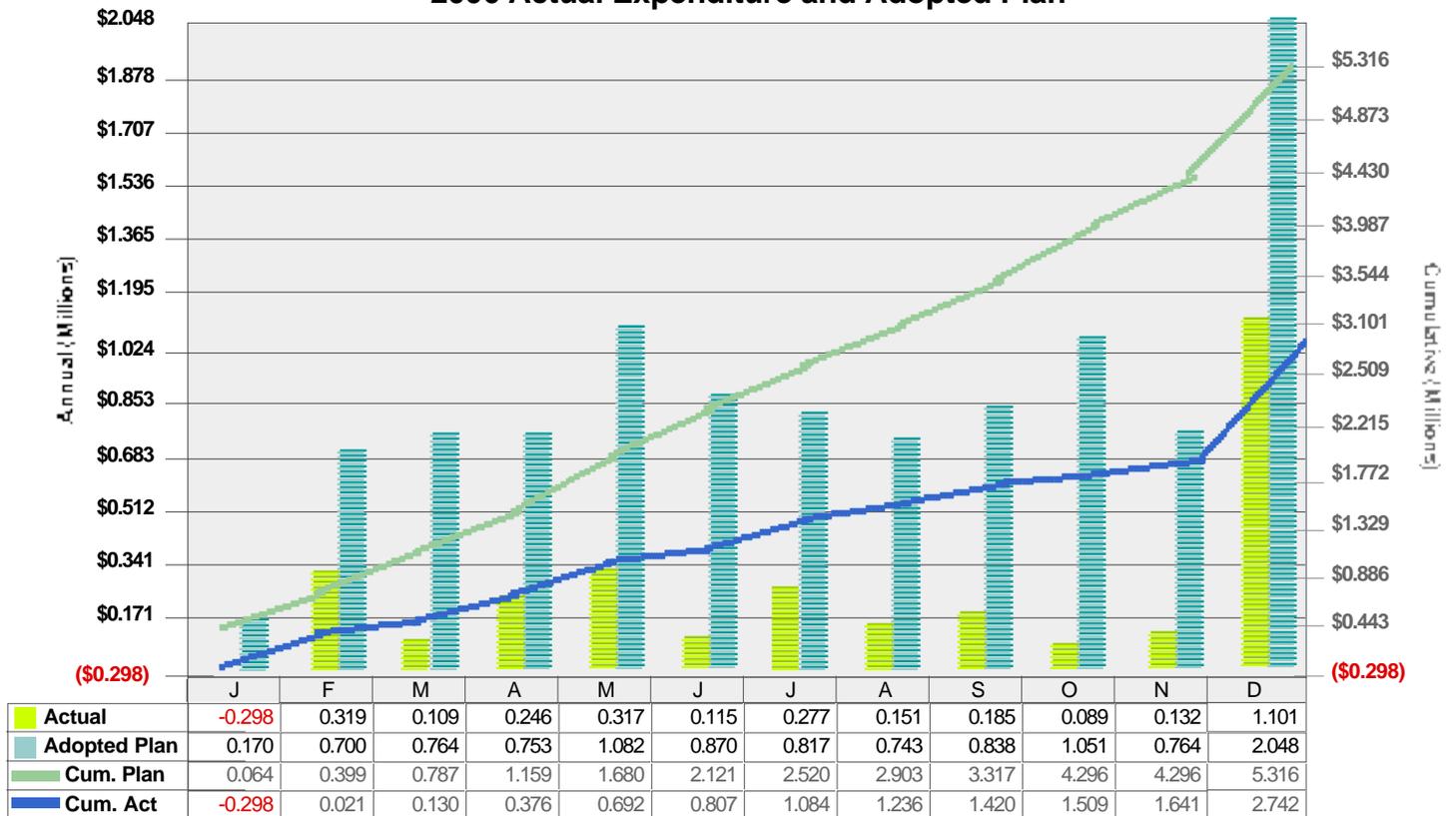
The project budget was increased as part of the 2007 budget process to \$19,918,150 to address higher than budgeted cost of the Carnation Wastewater Treatment Facility. Raising the elevation of the plant site to prevent flooding, changes to odor control to meet community concerns, and significant increases in the cost of construction materials contribute to the increase.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Carnation Wastewater Treatment Facility	\$11,794,500	\$0	\$11,794,500	\$1,315,161	11%	2	\$13,109,661	\$1,277,105	3	10%
Carnation Treatment Facility	\$629,804	\$2,587,391	\$3,217,195	\$864,753	27%	4	\$4,081,948	\$3,227,460	45	79%
Hazardous Materials Inspection, monitoring and abatement	\$200,000	\$0	\$200,000	\$0	0%	1	\$200,000	\$130,282	22	65%
Professional Archaeological Services	\$100,000	\$0	\$100,000	\$0	0%		\$100,000	\$47,015	17	47%

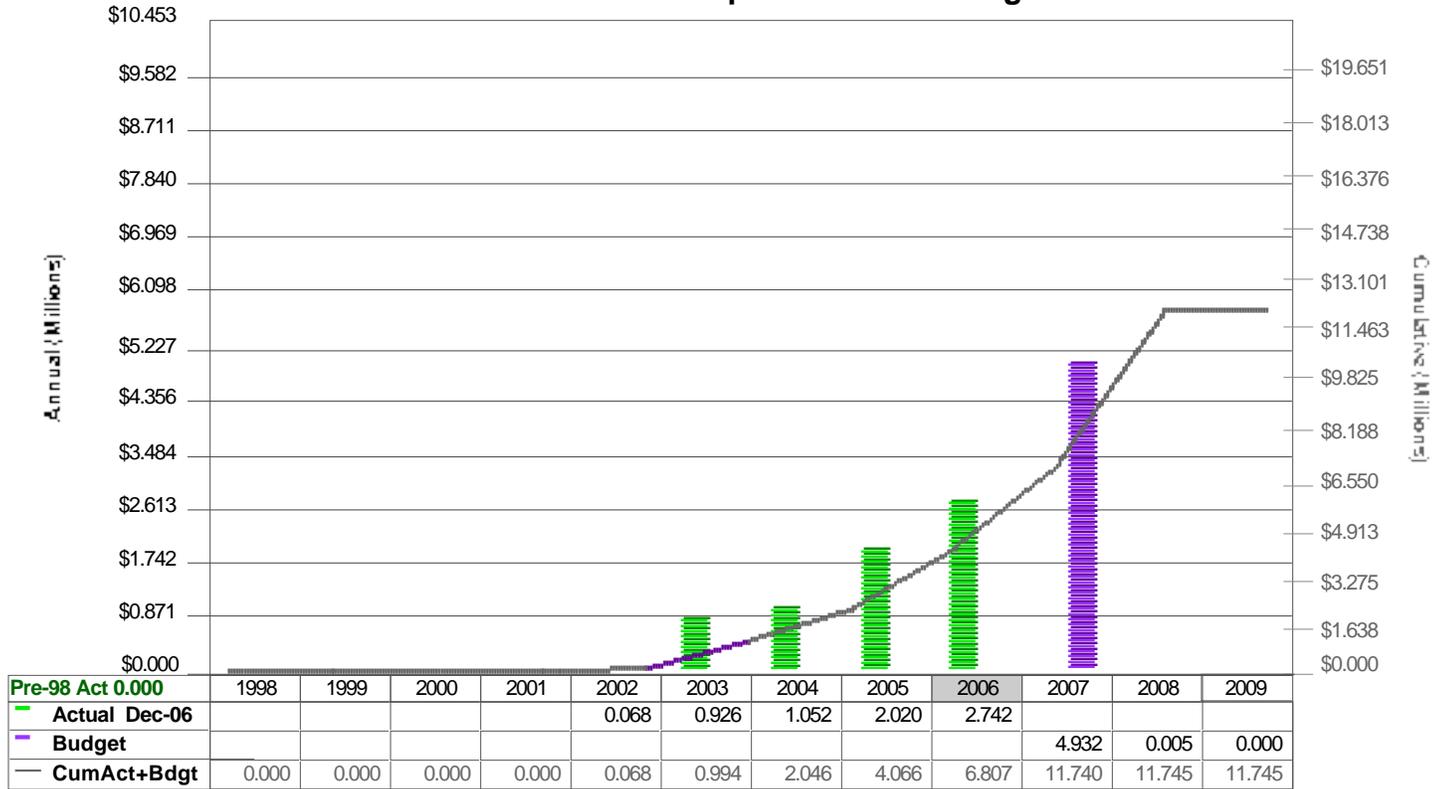
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423521 Bellevue Pump Station



Project Description

This will upgrade the Bellevue Pump Station from 8 mgd to 11 mgd. A new 5,500 feet 24-inch force main will be constructed to convey the flows from the pump station to the East Side Interceptor. For a major portion of the pipe installation, a Horizontal Direction Drill (HDD) method will be used. The pump station improvements include new pumps, new electrical, mechanical, and odor equipment, and better access for maintenance vehicles and workers.

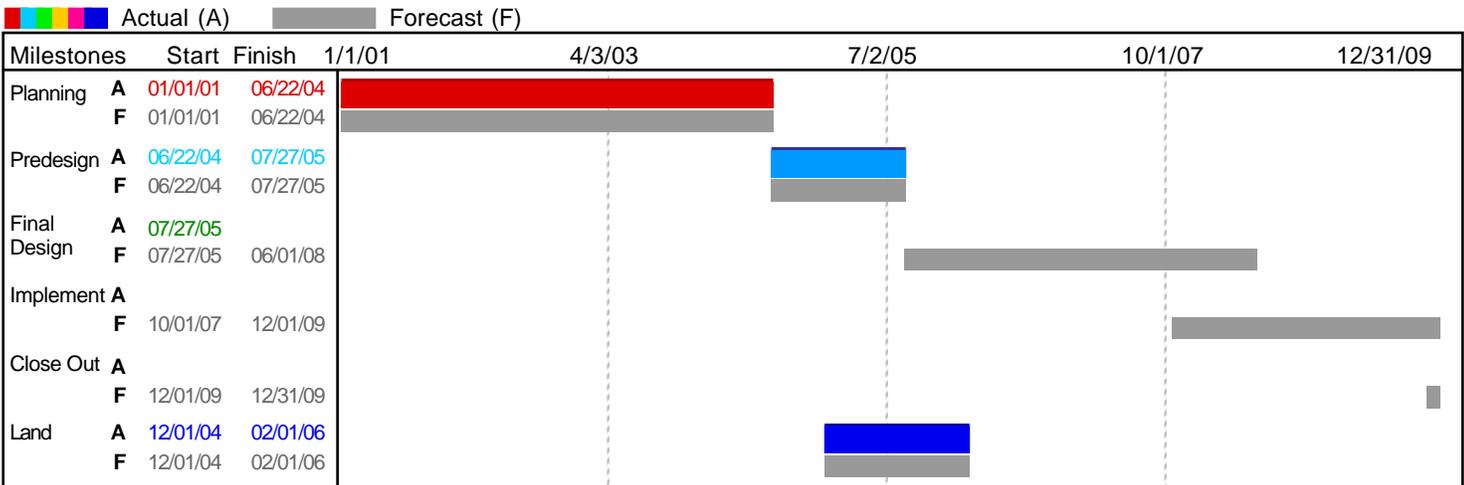
Project Phase: 3 Final Design



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

The Pump Station contract is expected to be advertised in Nov. 2007 and awarded in early 2008. The project remains scheduled for completion in 2010.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	0	4,337,673	554,000	0	13,403,049	13,408,748
Construction Contracts	0	4,327,373	544,000	0	13,371,213	13,367,848
Outside Agency Construction	0	10,300	10,000	0	31,836	40,900
NON-CONSTRUCTION	2,657,924	924,008	1,979,319	4,945,791	4,720,294	5,793,431
Engineering	2,129,485	551,050	1,589,794	3,915,996	2,935,911	4,201,255
Planning & Management Svcs.	23,415	0	15,897	48,803	181	66,364
Permitting & Other Agency Support	60,972	0	48,667	62,134	150,636	92,917
Right-of-Way	32,850	7,725	40,000	37,850	117,225	45,000
Misc. Services & Materials	31,278	6,094	6,094	39,810	23,812	24,455
Staff Labor	379,925	359,139	278,866	841,197	1,492,530	1,363,440
PROJECT RESERVE	0	0	0	0	200,000	1,786,025
Project Reserve	0	0	0	0	200,000	1,786,025
Total \$	2,657,924	5,261,682	2,533,319	4,945,791	18,323,343	20,988,204

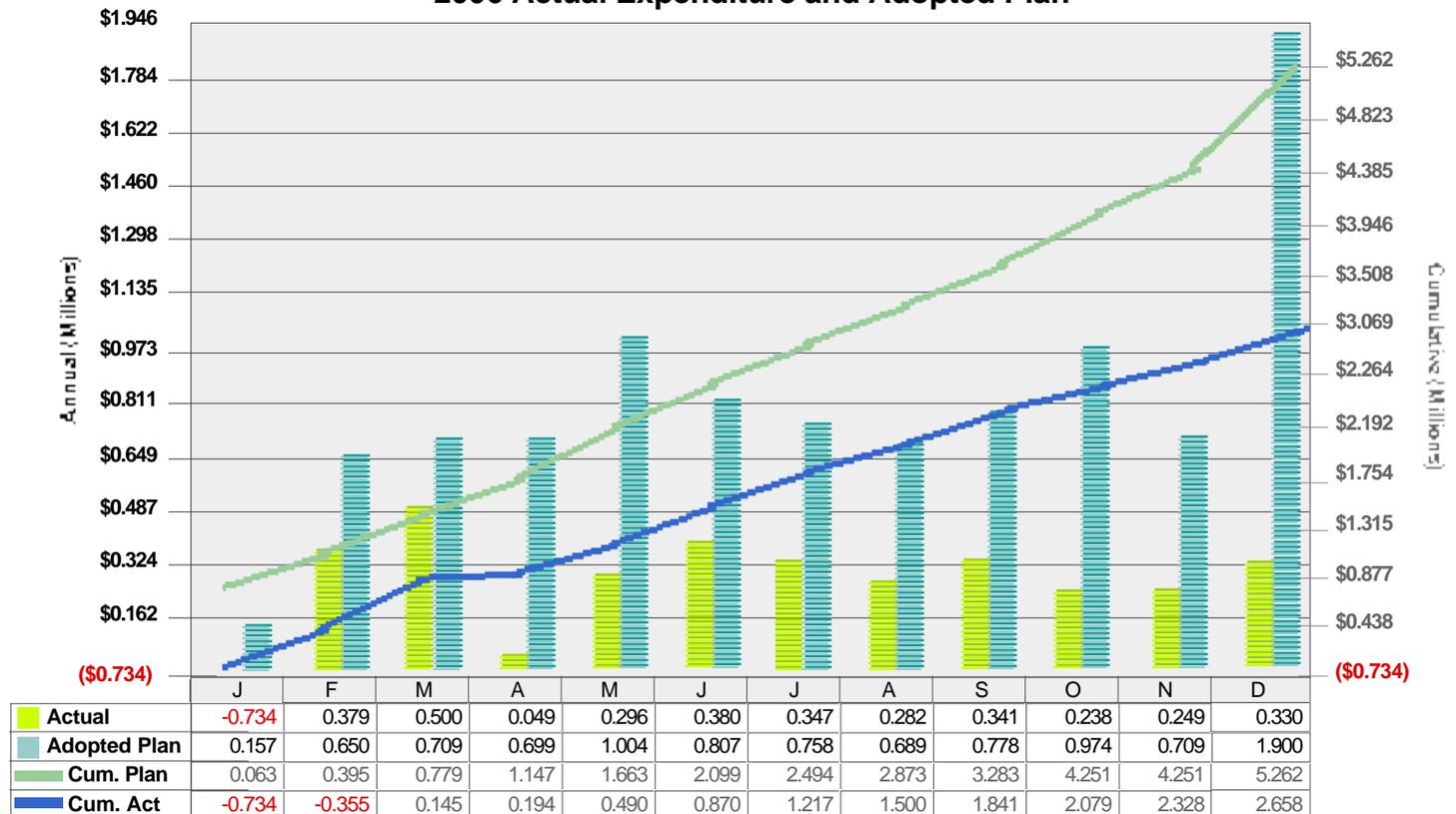
Cost/Budget Adjustments

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Engineering Services for the Bellevue Pump Station E23015E	\$775,015	\$3,614,297	\$4,389,312	\$0	0%	1	\$4,389,312	\$3,752,199	32	85%

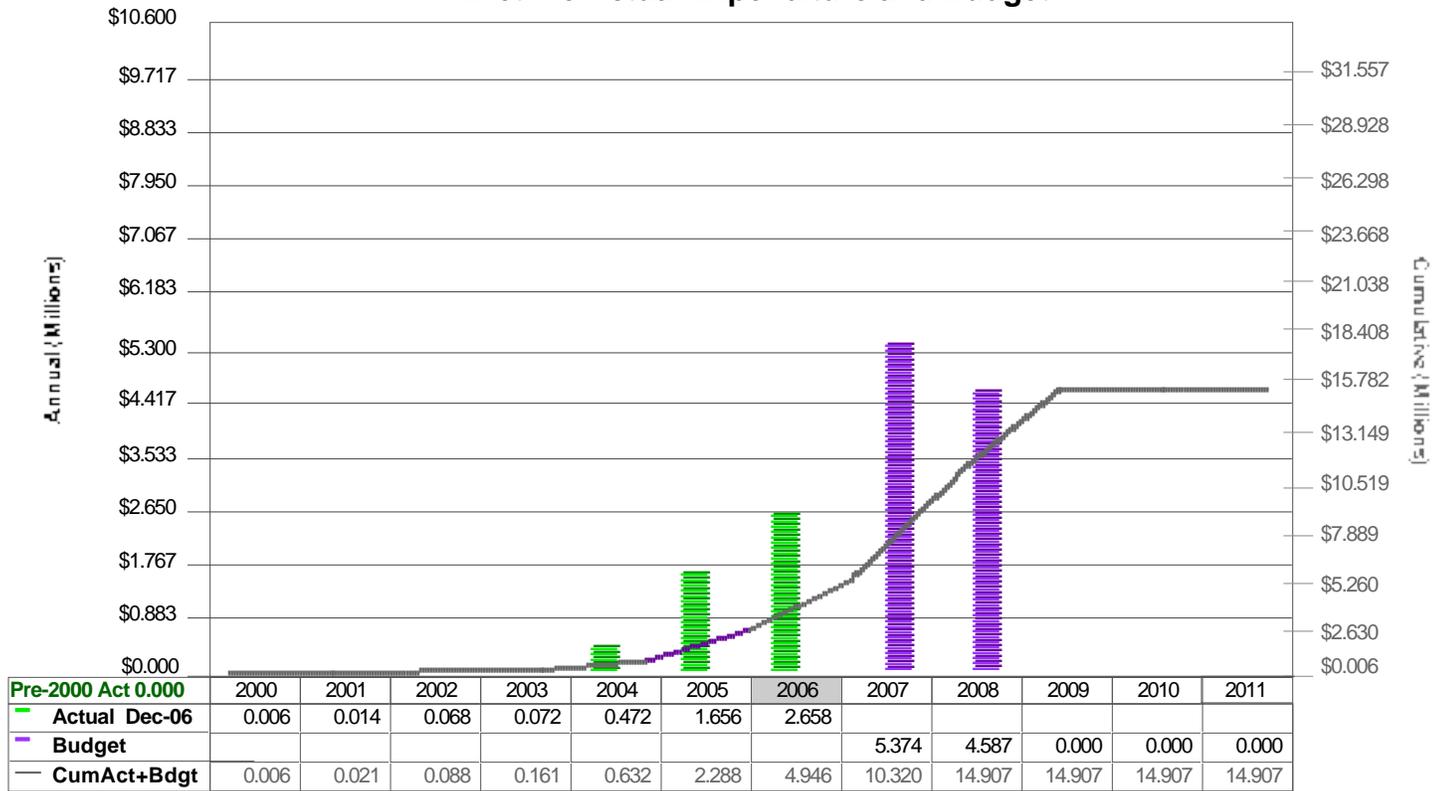
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



423373 CONVEYANCE SYSTEM IMPROVEMENTS
621 Black Diamond Storage Facility



Project Description

This project will design & construct approximately 600,000 gallons of wastewater flow equalization storage located in the City of Black Diamond. The facility is anticipated to be operational in 2010.

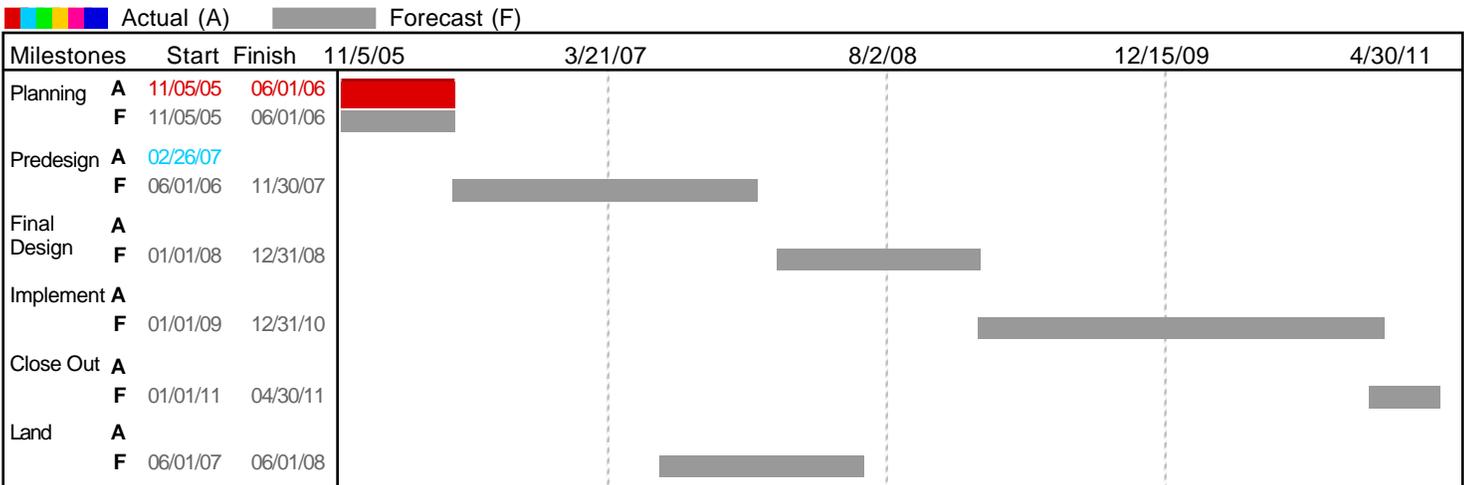
Project Phase: 2 Predesign



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

None at this time.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	0	0	0	0	0	2,713,724
Construction Contracts	0	0	0	0	0	2,495,184
Outside Agency Construction	0	0	0	0	0	218,540
NON-CONSTRUCTION	26,912	0	213,156	49,567	261,297	2,347,542
Engineering	0	0	142,857	0	200,000	1,000,000
Planning & Management Svcs.	0	0	0	0	0	23,340
Permitting & Other Agency Support	0	0	0	0	0	106,090
Right-of-Way	0	0	0	0	0	424,360
Misc. Services & Materials	1,314	0	0	2,359	1,124	42,432
Staff Labor	25,599	0	70,298	47,208	60,172	751,320
PROJECT RESERVE	0	0	0	0	0	590,888
Project Reserve	0	0	0	0	0	590,888
Total \$	26,912	0	213,156	49,567	261,297	5,652,154

Cost/Budget Adjustments

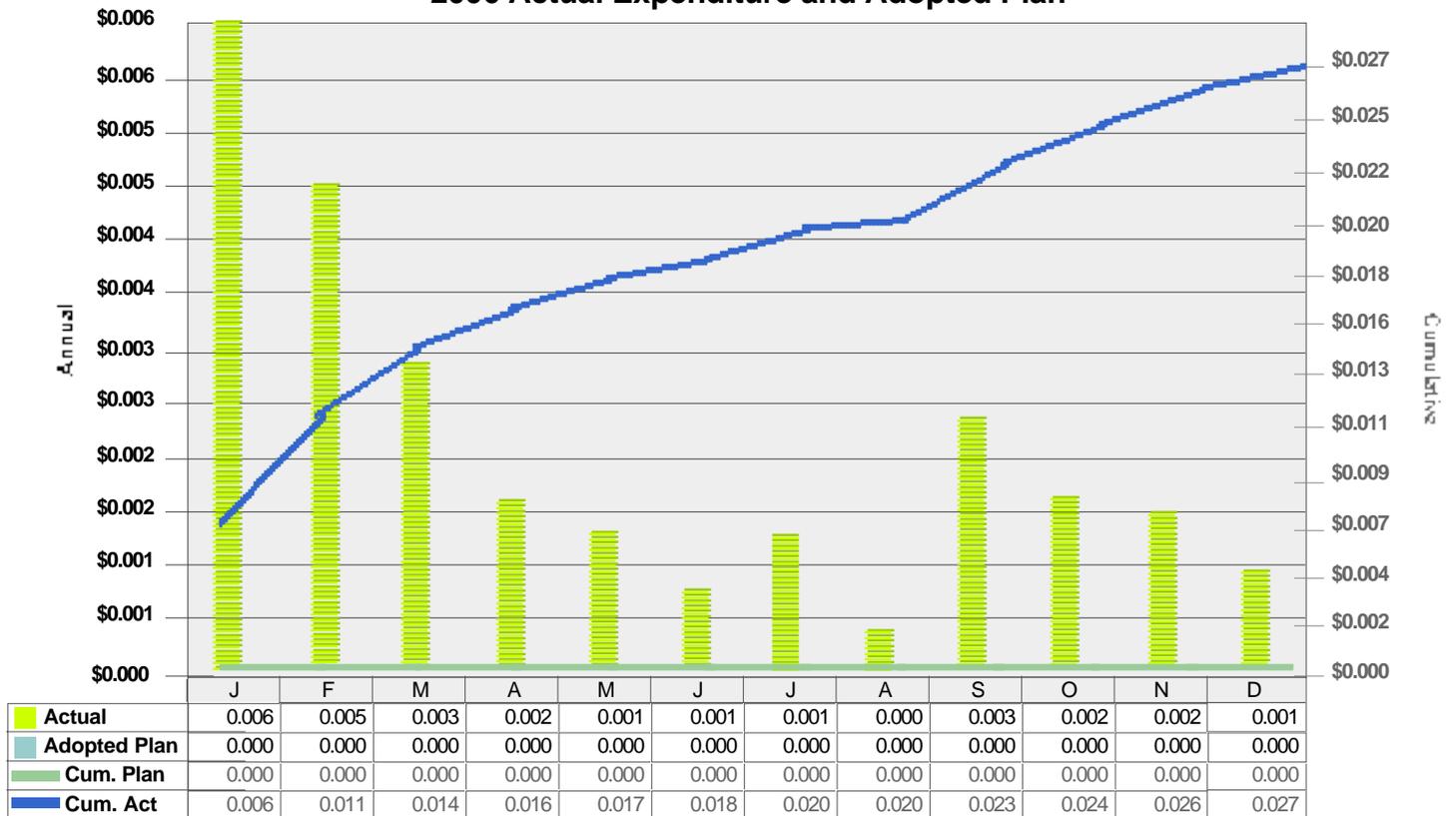
None at this time.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
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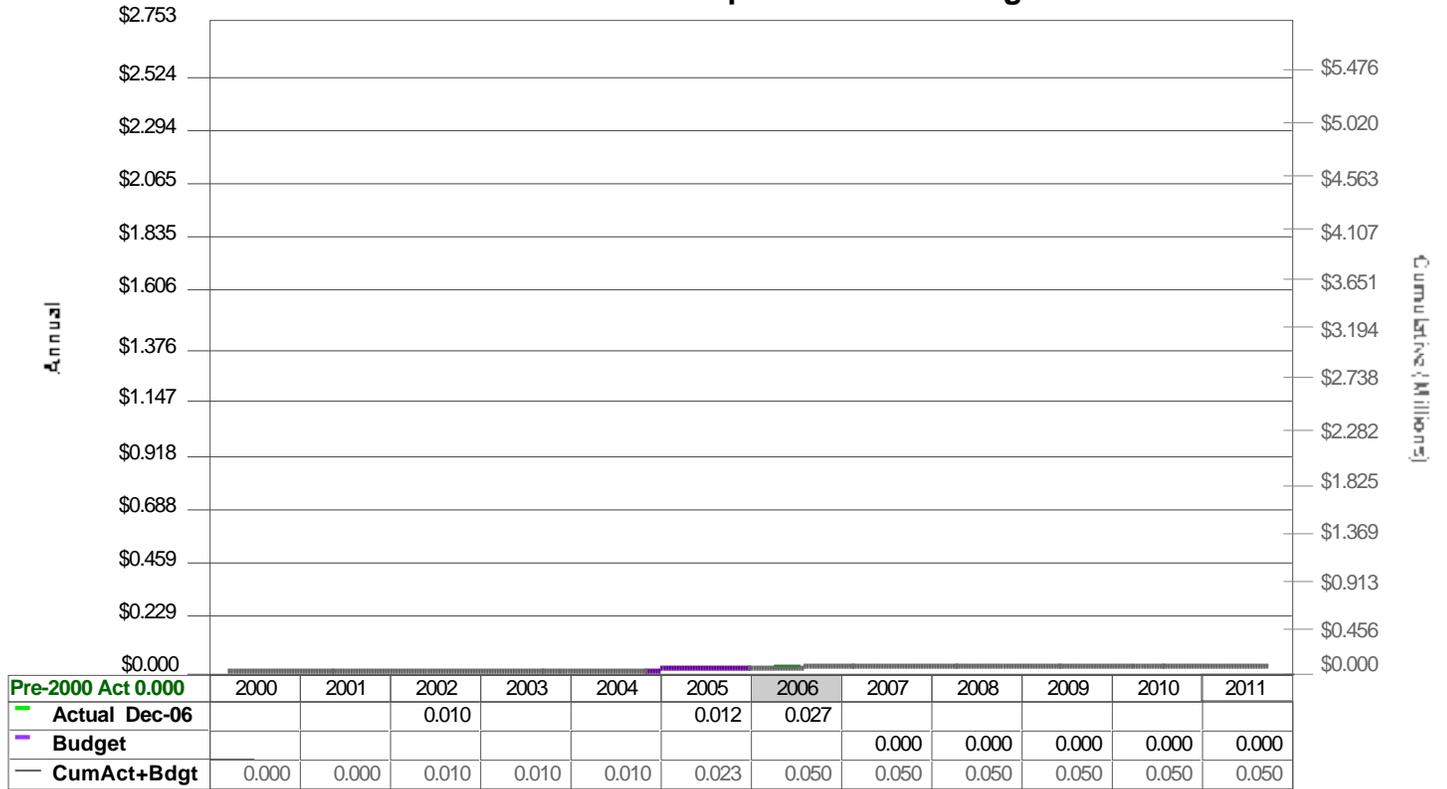
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423582 SW Interceptor (Kent/Auburn Conveyance Improvements)



Project Description

This project will construct approximately 5 miles of new sewer in Kent and Auburn ranging from 18 inch diameter to 54 inch diameter. There are 3 distinct project elements: 1) Auburn West Valley parallel interceptor, located in Pacific, Algona and Auburn, this pipe will run north and add capacity, 2) the Stuck River Trunk in Auburn will convey sewage flow away from the M-Street Trunk to the new parallel interceptor listed above, and 3) the Mill Creek Relief Sewer, in Kent, will remove some flow out of the Mill Creek Interceptor and convey it west to the Auburn Interceptor.

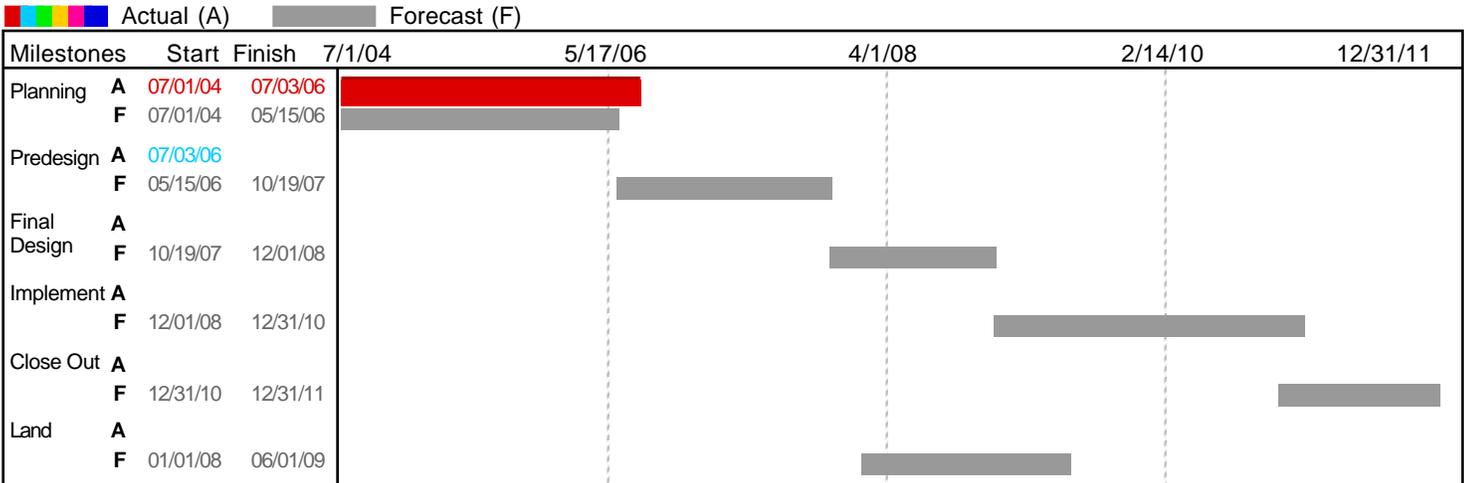
Project Phase: 2 Predesign



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	0	0	0	0	28,875,404	31,967,529
Construction Contracts	0	0	0	0	28,875,404	31,967,529
Owner Furnished Equipment	0	0	0	0	0	0
Outside Agency Construction	0	0	0	0	0	0
Other Capital Charges	0	0	0	0	0	0
NON-CONSTRUCTION	643,479	2,113,668	1,083,668	745,206	10,889,660	10,737,423
Engineering	446,855	1,519,392	788,394	446,855	6,949,741	6,904,768
Planning & Management Svcs.	0	0	0	0	0	0
Permitting & Other Agency Support	0	0	0	0	200,449	208,187
Right-of-Way	0	0	0	0	200,449	1,039,270
Misc. Services & Materials	5,860	0	0	11,868	330	6,008
Staff Labor	190,764	594,275	295,274	286,484	3,538,690	2,579,191
PROJECT RESERVE	0	0	0	0	5,364,273	1,857,075
Project Reserve	0	0	0	0	5,364,273	1,857,075
ADJUSTMENTS	0	0	0	0	0	0
Adjustments	0	0	0	0	0	0
CREDITS AND REVENUES	0	-515,000	0	0	64,637	0
Credits and Revenues	0	-515,000	0	0	64,637	0
Total \$	643,479	1,598,668	1,083,668	745,206	45,193,974	44,562,028

Cost/Budget Adjustments

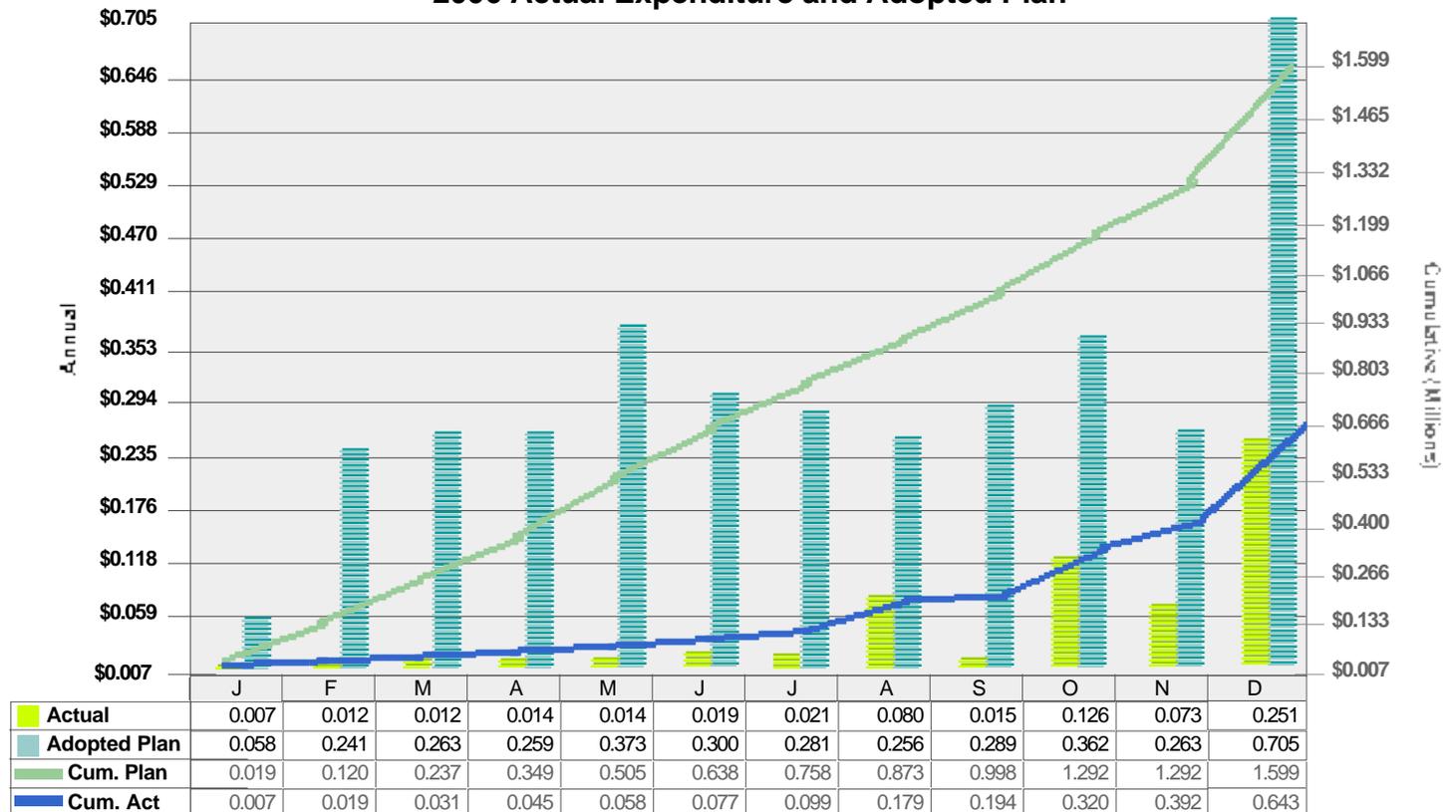
None at this time.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Engineering Services for Kent Auburn Conveyance System E53009E	\$2,686,967	\$0	\$2,686,967	\$0	0%		\$2,686,967	\$452,649	6	17%

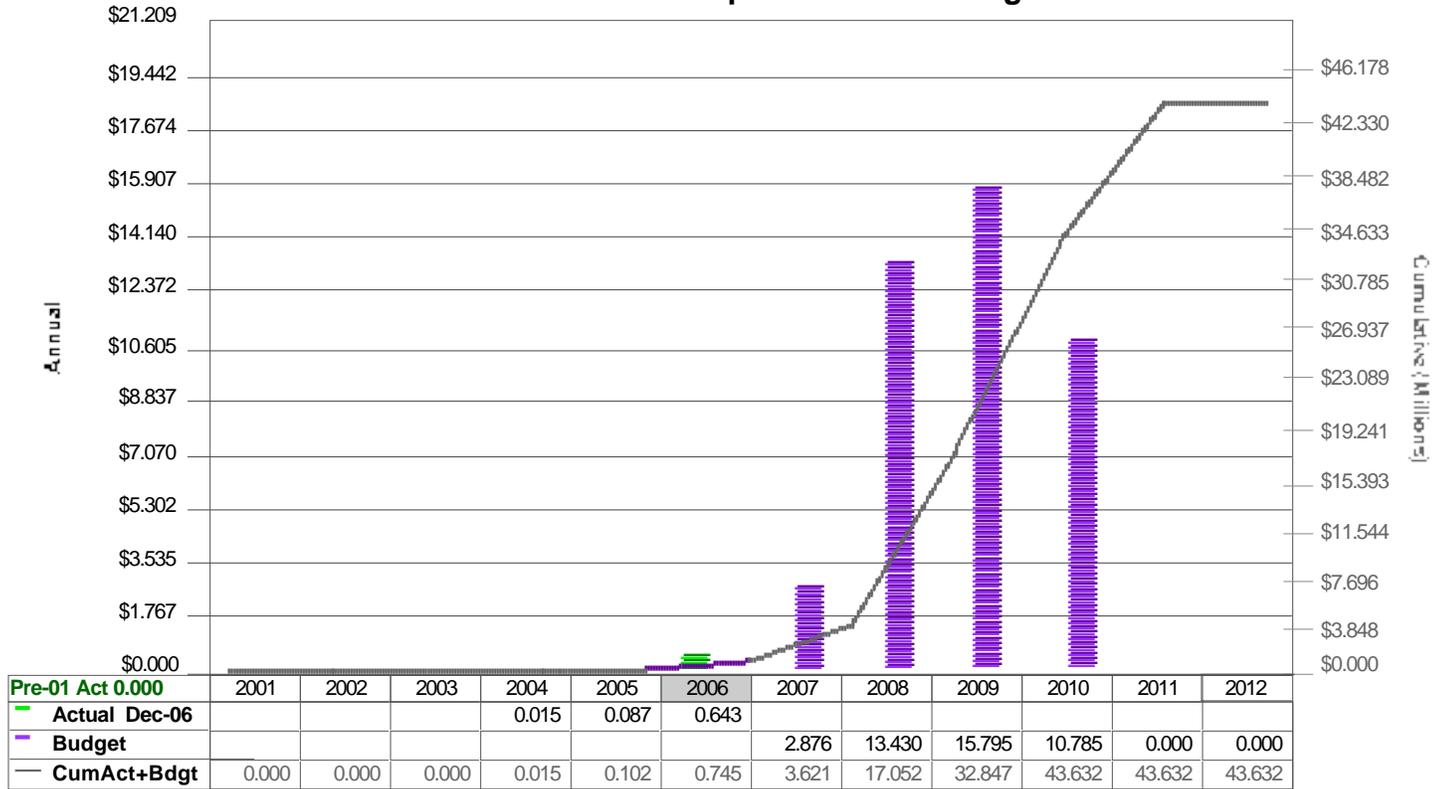
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423365 HIDDEN LAKE PS/BOEING CREEK TRUNK



Project Description

This project will construct a new Hidden Lake pump station, approximately 12,000 feet of new sewer pipeline, and a 500,000 gallon underground storage pipe. The project is located in the City of Shoreline. The pipelines will be constructed by open trenching and microtunneling. The pump station will be constructed by conventional above ground methods. Construction started in May 2006 and should be complete by the end of 2008/early 2009.

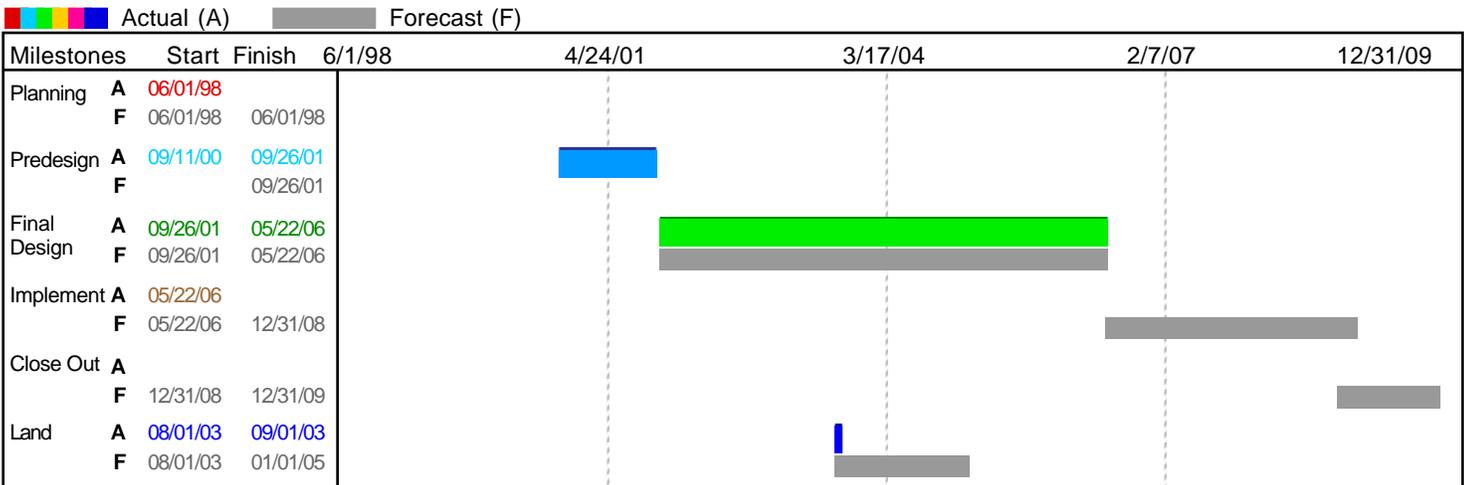
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

none

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	8,511,406	10,425,017	2,421,631	8,672,810	25,837,411	27,572,644
Construction Contracts	8,498,896	10,425,017	2,336,886	8,660,300	25,837,411	26,539,828
Outside Agency Construction	0	0	84,745	0	0	1,032,816
Other Capital Charges	12,510	0	0	12,510	0	0
NON-CONSTRUCTION	1,589,406	1,412,255	643,870	8,131,187	8,718,157	10,091,741
Engineering	212,027	971,484	274,178	4,269,524	6,691,190	5,140,453
Planning & Management Svcs.	337,303	0	199,354	409,701	1,207	1,676,343
Permitting & Other Agency Support	90,616	0	7,037	1,251,567	53,816	1,212,527
Right-of-Way	0	145,402	0	149,633	331,835	149,633
Misc. Services & Materials	94,443	13,733	0	230,297	128,354	133,988
Staff Labor	855,018	281,636	163,301	1,820,465	1,511,755	1,778,798
PROJECT RESERVE	0	0	0	0	0	1,201,970
Project Reserve	0	0	0	0	0	1,201,970
CREDITS AND REVENUES	0	-515,000	-101,613	0	79,581	-465,834
Credits and Revenues	0	-515,000	-101,613	0	79,581	-465,834
Total \$	10,100,812	11,322,272	2,963,888	16,803,997	34,635,150	38,400,522

Cost/Budget Adjustments

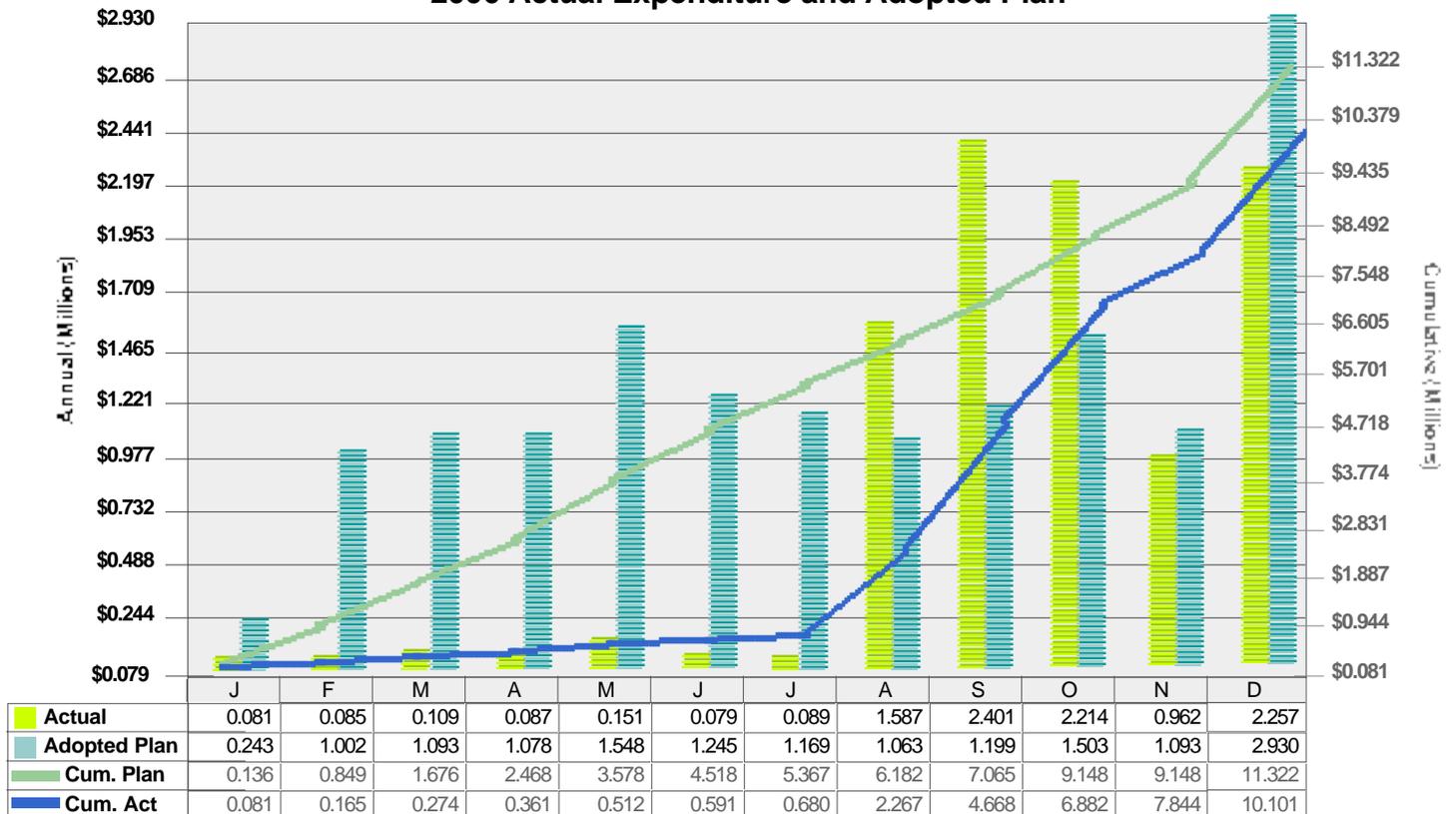
Construction started in May of 2006. The contractor accelerated the construction of the Boeing Creek Storage Facility during the summer of 2006 and completed the majority of it by October 2006. The accelerated construction work also increased the amount of construction management staff costs expended. Also, the contractor purchased all of the new plastic trunk sewer pipe in 2006. These factors resulted in a significantly higher 2006 budget expenditure.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Hidden Lake Project C53108C	\$20,929,000	\$0	\$20,929,000	\$17,493	0%	1	\$20,946,493	\$5,230,408	3	25%
Hidden Lake Pump Station E03036E	\$2,699,191	\$0	\$2,699,191	\$2,381,297	88%	5	\$5,080,487	\$4,186,258	56	82%
Construction Management Services for the Hidden P43017P	\$1,500,071	\$0	\$1,500,071	\$0	0%		\$1,500,071	\$211,177	8	14%
Mitigation for Hidden Lk PS and boeing Creek Trunk Sewer MOA 3415	\$1,100,000	\$0	\$1,100,000	\$0	0%		\$1,100,000	\$0		0%
Permanent Underground Svcs for Hidden Lake PS Agreement/SCL	\$60,000	\$0	\$60,000	\$0	0%		\$60,000	\$0		0%

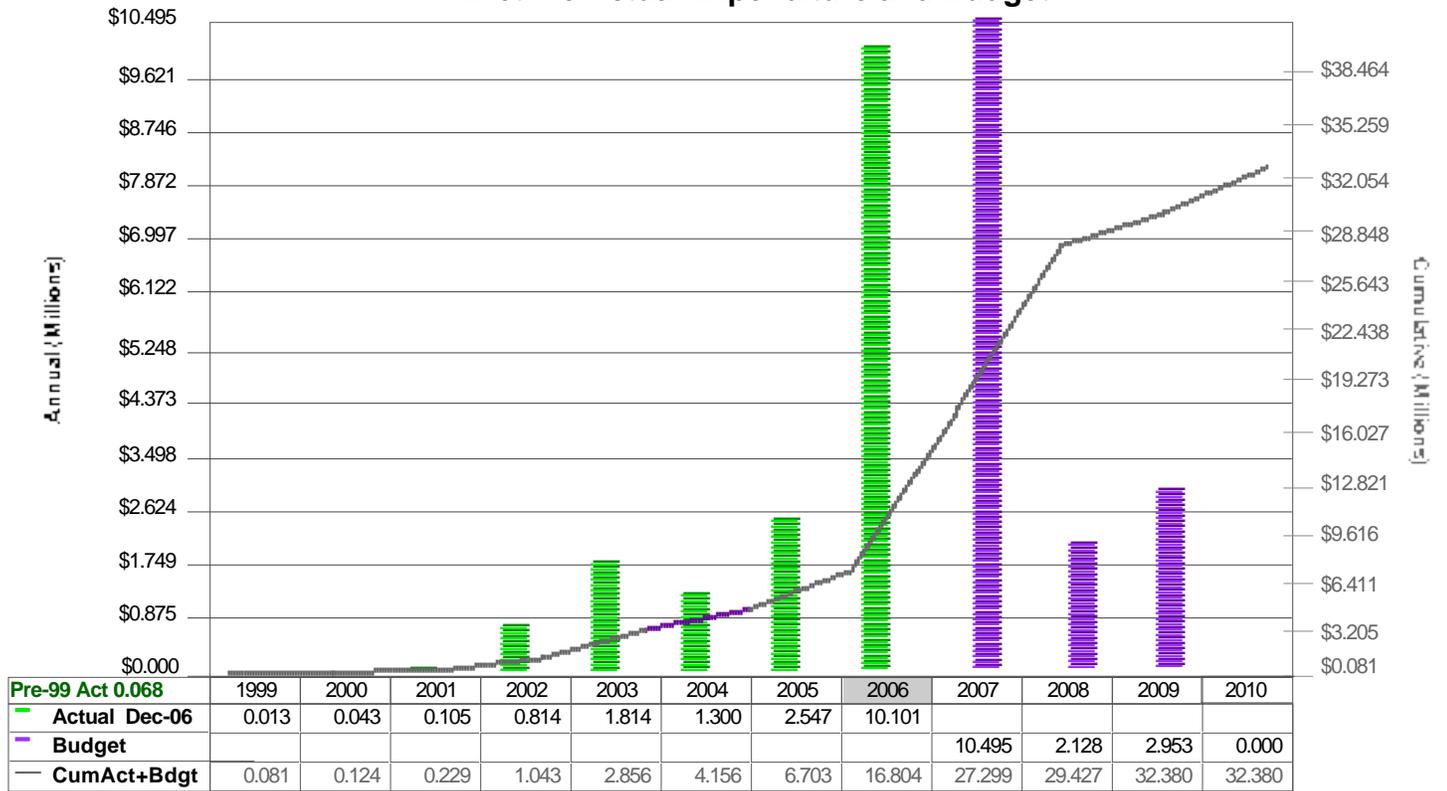
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423494 Fairwood Interceptor (formerly Madsen Creek)



Project Description

This project abandoned existing erosion prone and unstable Madsen Creek sewer pipeline which conveyed sewage from the Fairwood area near SE Renton to the Maple Valley trunk and replaced it with a deep gravity sewer in a new alignment, outside the Madsen Creek ravine. The new alignment follows Fairwood Blvd. for several blocks, and includes an inverted siphon underneath the west Madsen Creek tributary, from the Fairwood Elementary School to the Bonneville Power Administration right of way near 140th Avenue. This new deep gravity interceptor avoids the need for a pump station to be located in the Fairwood area. The project was divided into 3 major phases: Phase 1 - Inverted Siphon, Phase 2A Pipe bursting, and Phase 2B Microtunneling. Construction was substantially complete in December 2006.

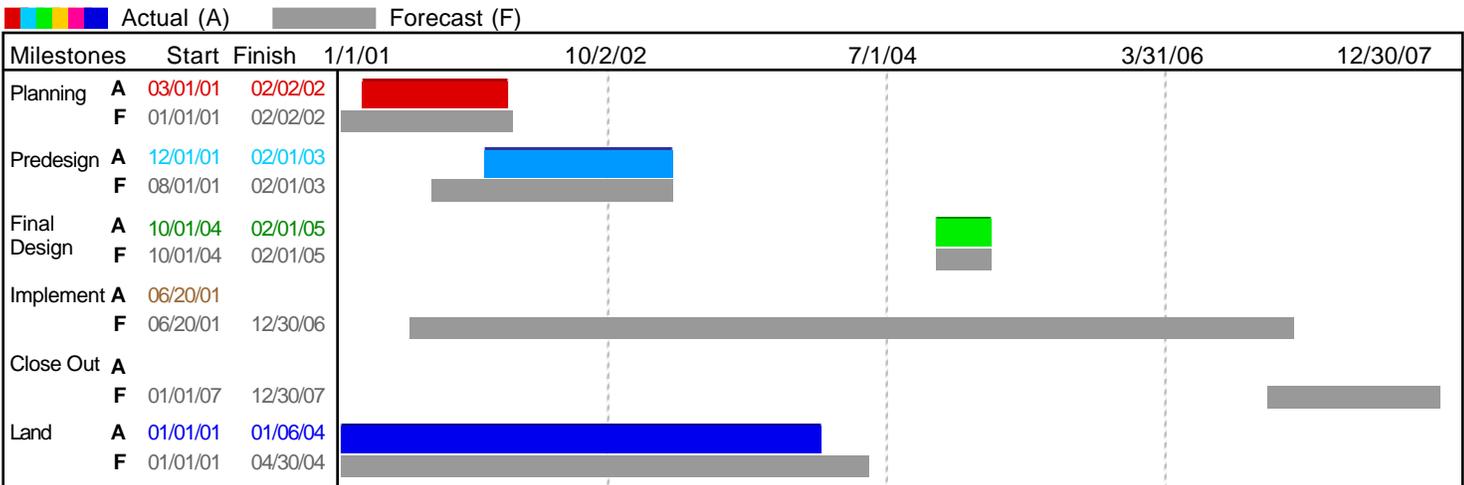
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

N/A

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	5,068,407	6,372,073	5,656,859	16,529,526	17,457,149	17,117,978
Construction Contracts	5,030,532	6,371,880	5,656,666	16,491,525	17,456,644	17,117,660
Other Capital Charges	37,875	193	193	38,001	506	319
NON-CONSTRUCTION	849,774	388,921	1,044,112	4,394,219	4,122,450	4,588,557
Engineering	179,751	129,809	565,000	2,281,521	2,329,632	2,666,770
Planning & Management Svcs.	47,813	0	0	64,062	15,384	16,248
Permitting & Other Agency Support	2,638	0	0	337,275	433,186	334,637
Right-of-Way	32,952	7,210	7,210	231,134	235,440	205,392
Misc. Services & Materials	35,957	20,892	20,892	77,170	62,964	62,106
Staff Labor	550,663	231,010	451,010	1,403,057	1,045,844	1,303,405
CREDITS AND REVENUES	0	-1,030,000	0	0	30,900	0
Credits and Revenues	0	-1,030,000	0	0	30,900	0
Total \$	5,918,181	5,730,994	6,700,971	20,923,745	21,610,499	21,706,537

Cost/Budget Adjustments

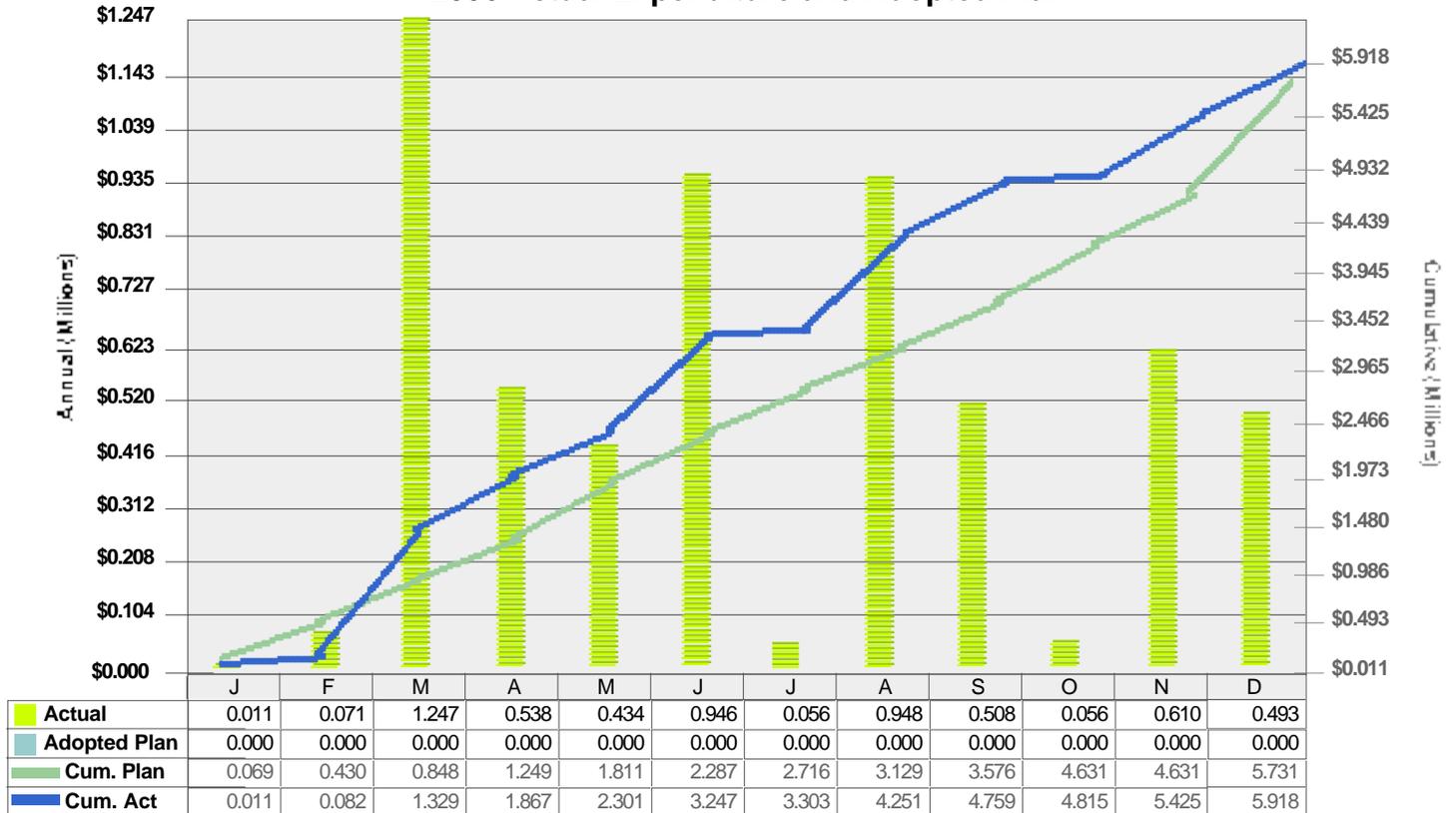
- Approximately \$1 million was deleted from overall project contingency in early 2006 as construction was proceeding apace and bid came in low.
- Some unspent budget for engineering will be transferred to construction contingency to pay for change orders, including additional road and sidewalk restoration that was originally unanticipated. Overall change order rate is very low to date.
- No overall increase to budget is anticipated at this time, and no change to overall yearly cash flow estimates.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Fairwood Interceptor Phase 2B, Microtunneling C53002C	\$7,699,750	\$0	\$7,699,750	\$14,452	0%	2	\$7,714,202	\$7,150,387	15	93%
Fairwood - Evaluation and Design of Madsen Creek E03002E	\$385,376	\$2,068,746	\$2,444,123	\$189,325	8%	3	\$2,633,447	\$2,146,805	74	82%

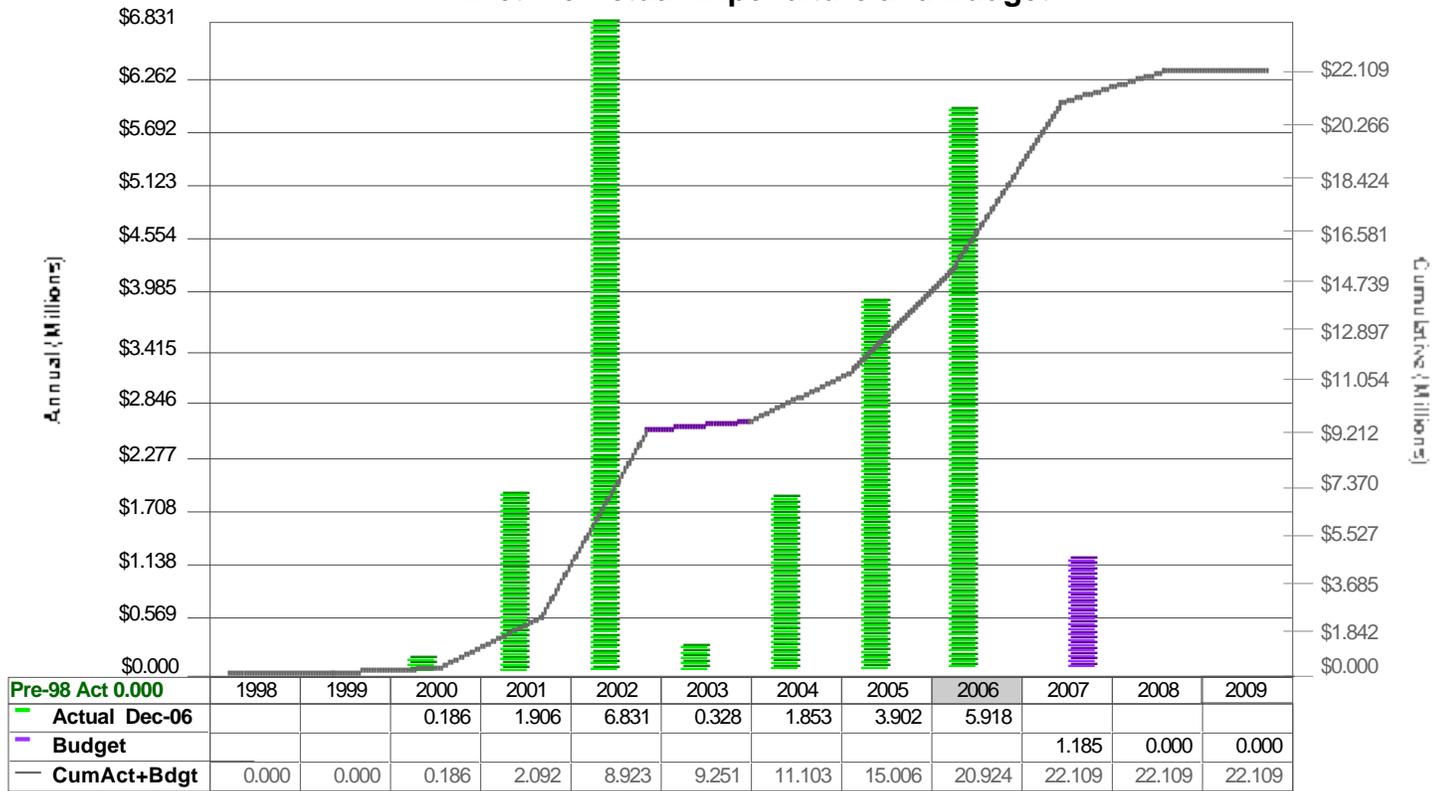
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423406 JUANITA BAY PS - MODIFICATIONS



Project Description

This project will construct a 30.6 million gallon per day wastewater pump station to increase the capacity of and replace an aging pump station. The existing and future pump stations are located at the intersection of NE Juanita Drive and 93rd Ave NE in Kirkland. The station will include four pairs of two-stage pumps, odor control and chemical addition systems for odor and corrosion prevention, equipment lifting devices, equipment sound attenuation, and a standby generator. A large portion of the facility will be in an underground 86-foot diameter, 50-foot deep circular structure. The underground structure will be constructed with 4-foot diameter reinforced concrete secant (interlocking) piles. This project will also evaluate the capacity and alignment of the existing Juanita Force Mains which operate in tandem with the pump station.

Project Phase: 4 Implementation



King County

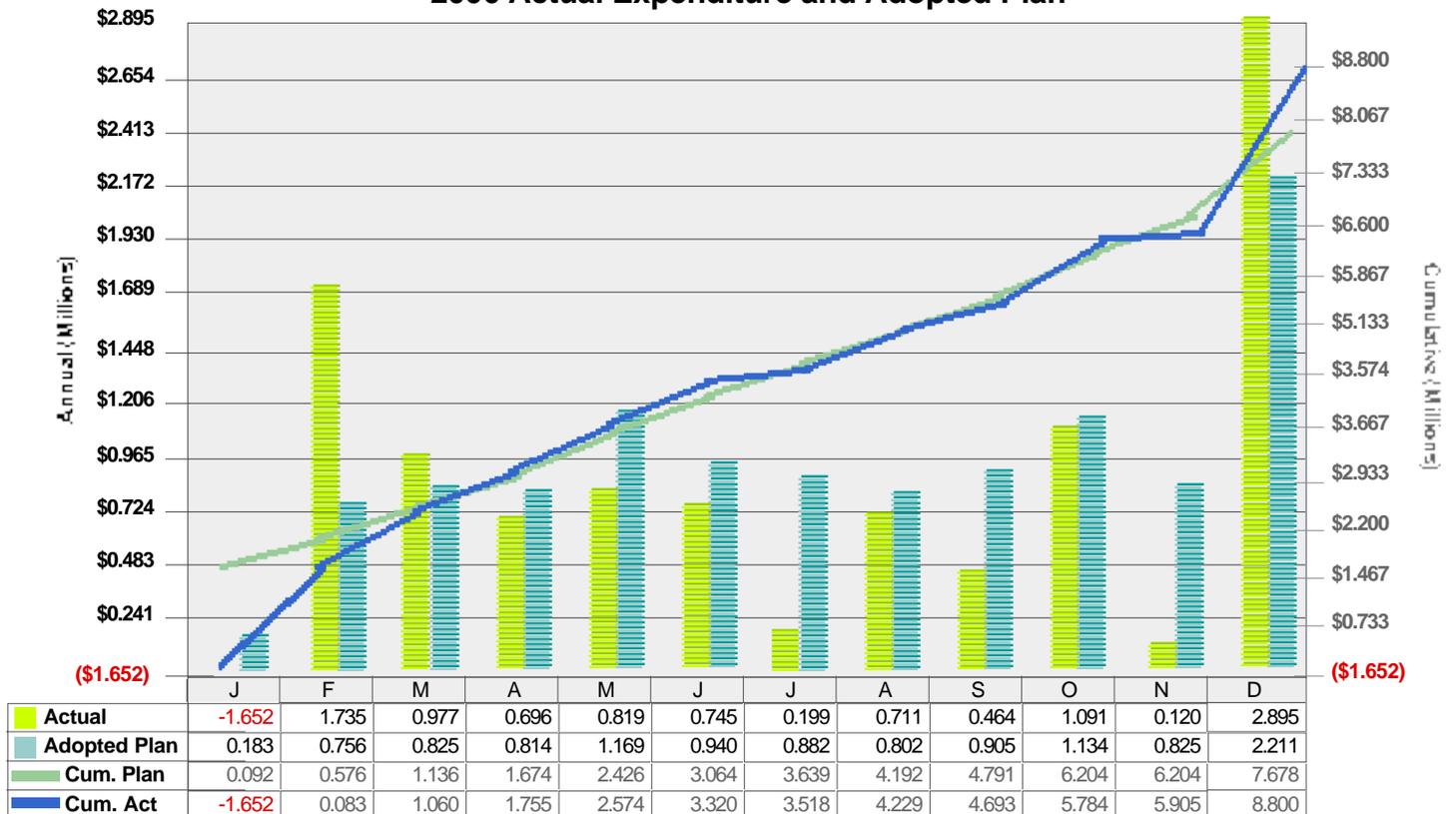
Department of Natural Resources and Parks
Wastewater Treatment Division

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Juanita Bay Pump Station Replacement	\$18,988,000	\$0	\$18,988,000	\$28,957	0%	2	\$19,016,957	\$7,896,688	12	42%
Eng'g Services for Juanita Bay & Foremain Update	\$1,849,354	\$4,725,798	\$6,575,153	\$0	0%	1	\$6,575,153	\$6,295,200	68	96%

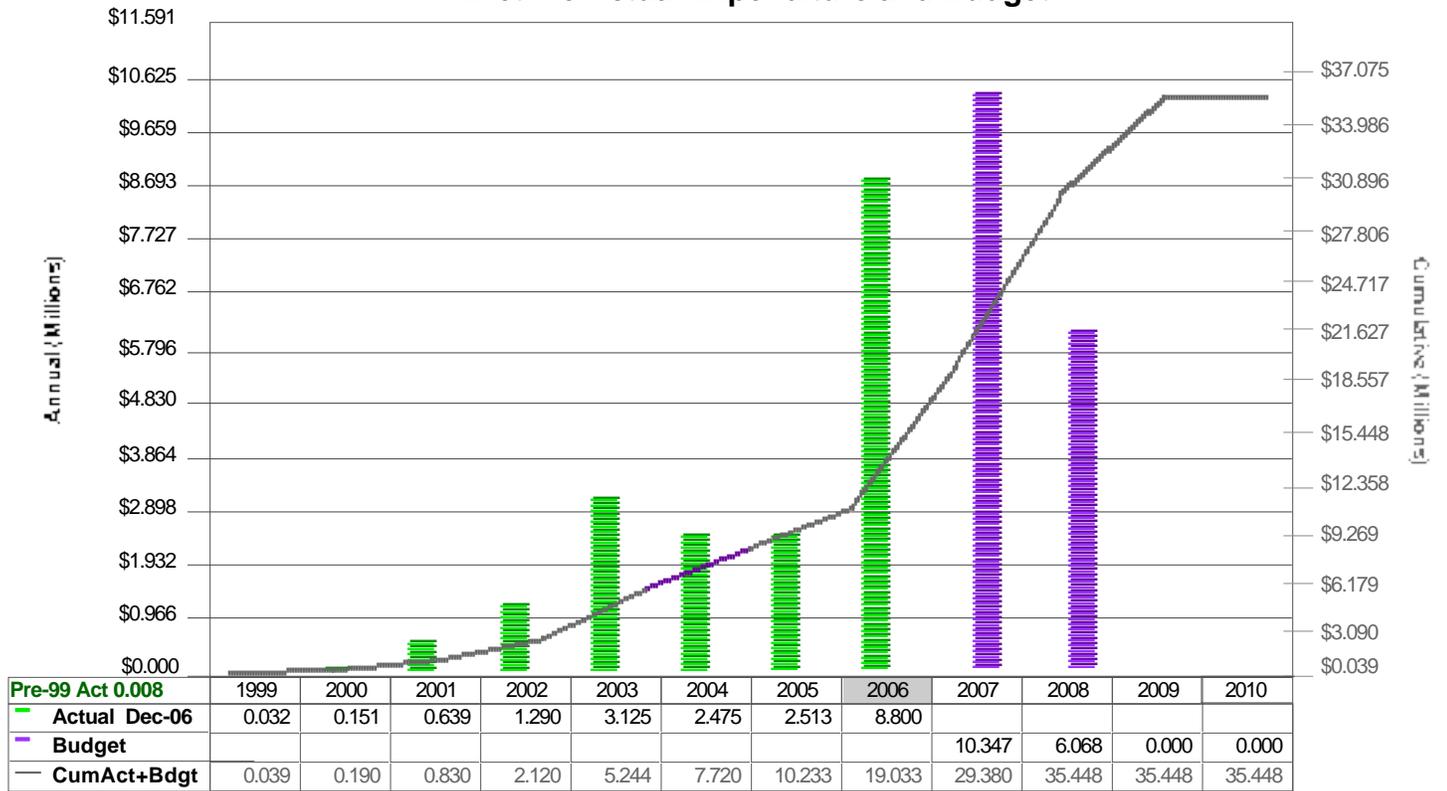
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

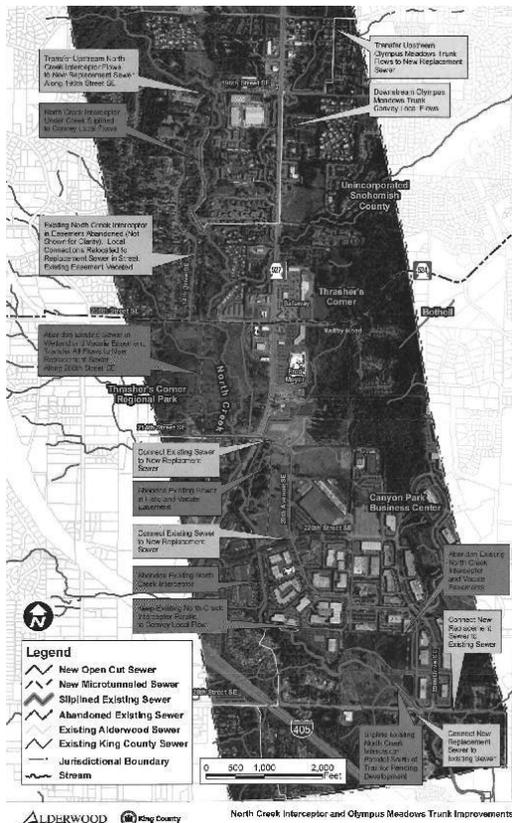
Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423596 North Creek Pipeline



Project Description

Improvements to the North Creek Interceptor are required to provide regional wastewater conveyance service to support current and future growth in the North Creek basin. The project area begins in the vicinity of 196th Street S.E. in unincorporated Snohomish County and extends south to 228th Street S.E. within the City of Bothell.

The improvements will consist of 16,400 feet of gravity sewer pipes, ranging from 21 inches to 48 inches that replace the existing pipes. The sewer pipes will be installed using open cut construction, with trenchless construction methods used for special crossings where the pipe crosses areas with high potential for traffic or environmental impacts.

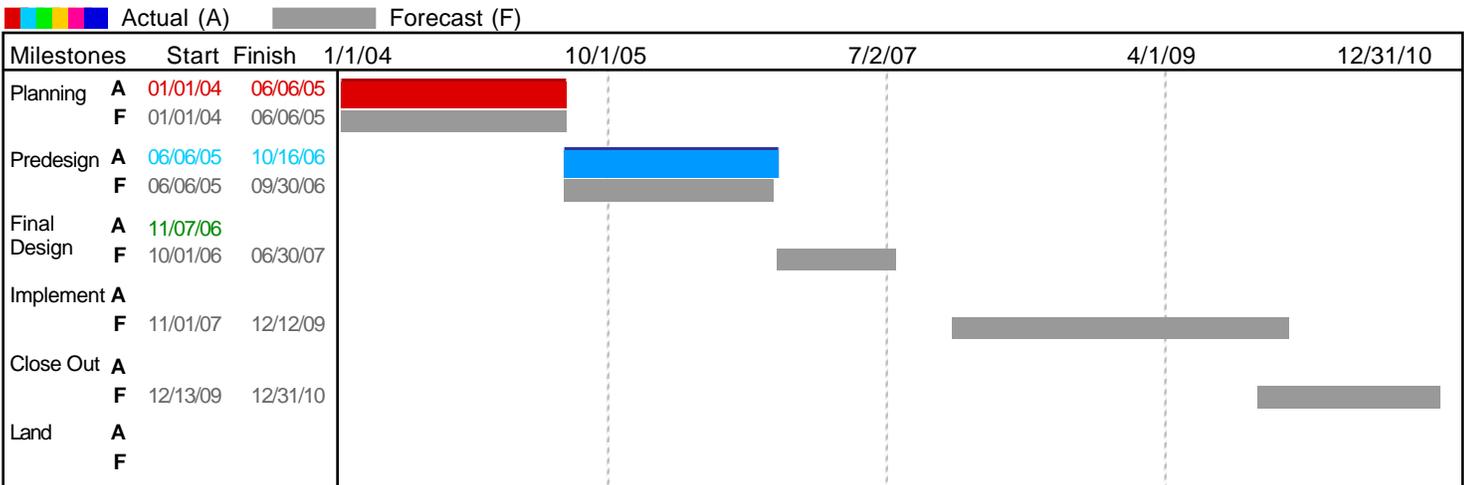
Project Phase: 3 Final Design



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Project completion schedule remains as 12/2009.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	0	0	3,073,094	0	22,554,833	23,010,304
Construction Contracts	0	0	3,073,094	0	20,407,572	20,863,042
Outside Agency Construction	0	0	0	0	2,147,261	2,147,262
NON-CONSTRUCTION	1,094,195	2,937,217	2,649,483	1,094,195	5,730,655	5,343,423
Engineering	974,799	1,236,000	1,736,000	974,799	2,091,085	2,072,995
Right-of-Way	0	906,400	500,000	0	1,139,798	1,151,990
Misc. Services & Materials	5,396	0	0	5,396	0	0
Staff Labor	114,000	794,817	413,483	114,000	2,499,771	2,118,438
Total \$	1,094,195	2,937,217	5,722,577	1,094,195	28,285,488	28,353,727

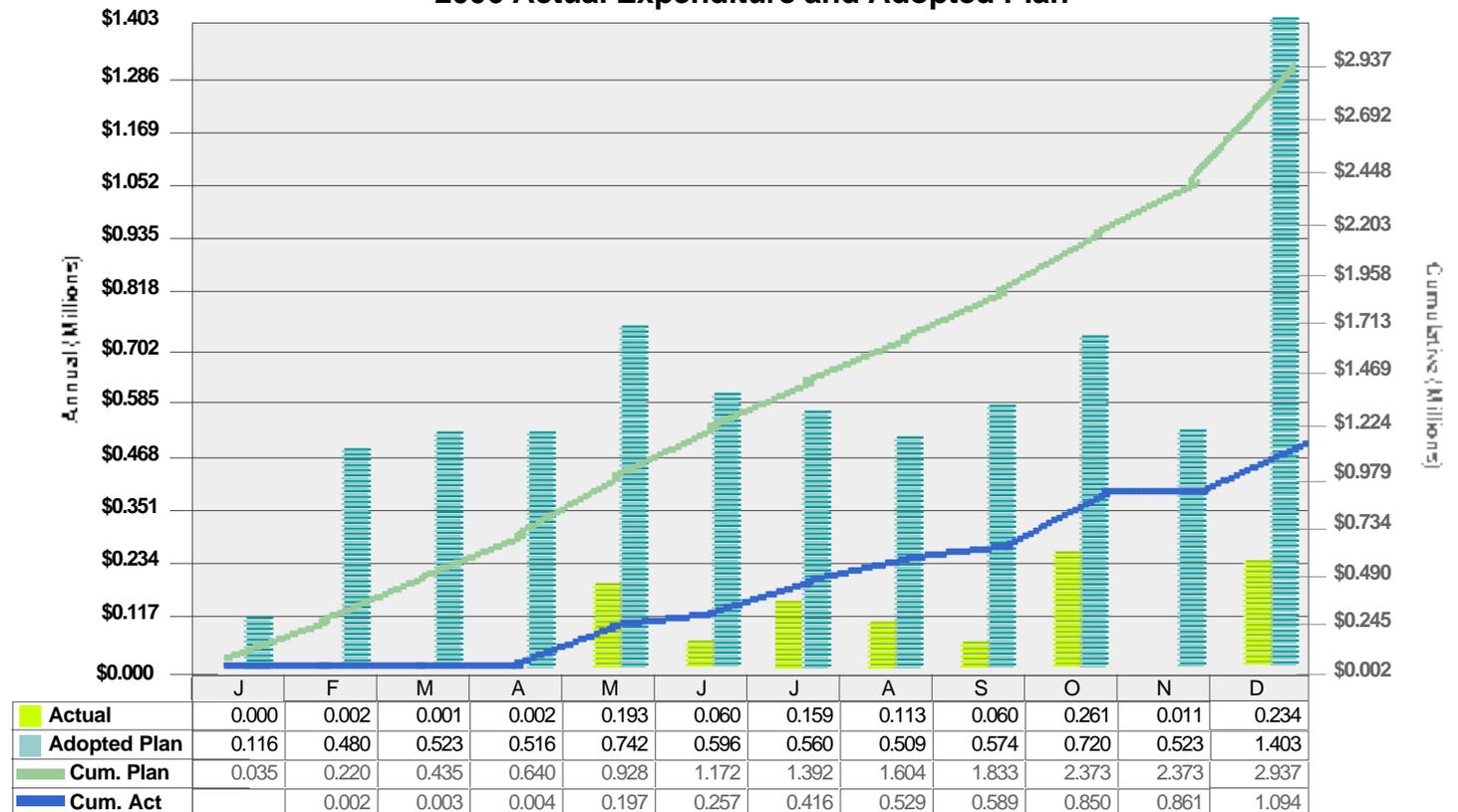
Cost/Budget Adjustments

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
North Creek Interceptor Improvements	\$31,100,000	\$0	\$31,100,000	\$0	0%		\$31,100,000	\$1,309,805	18	4%

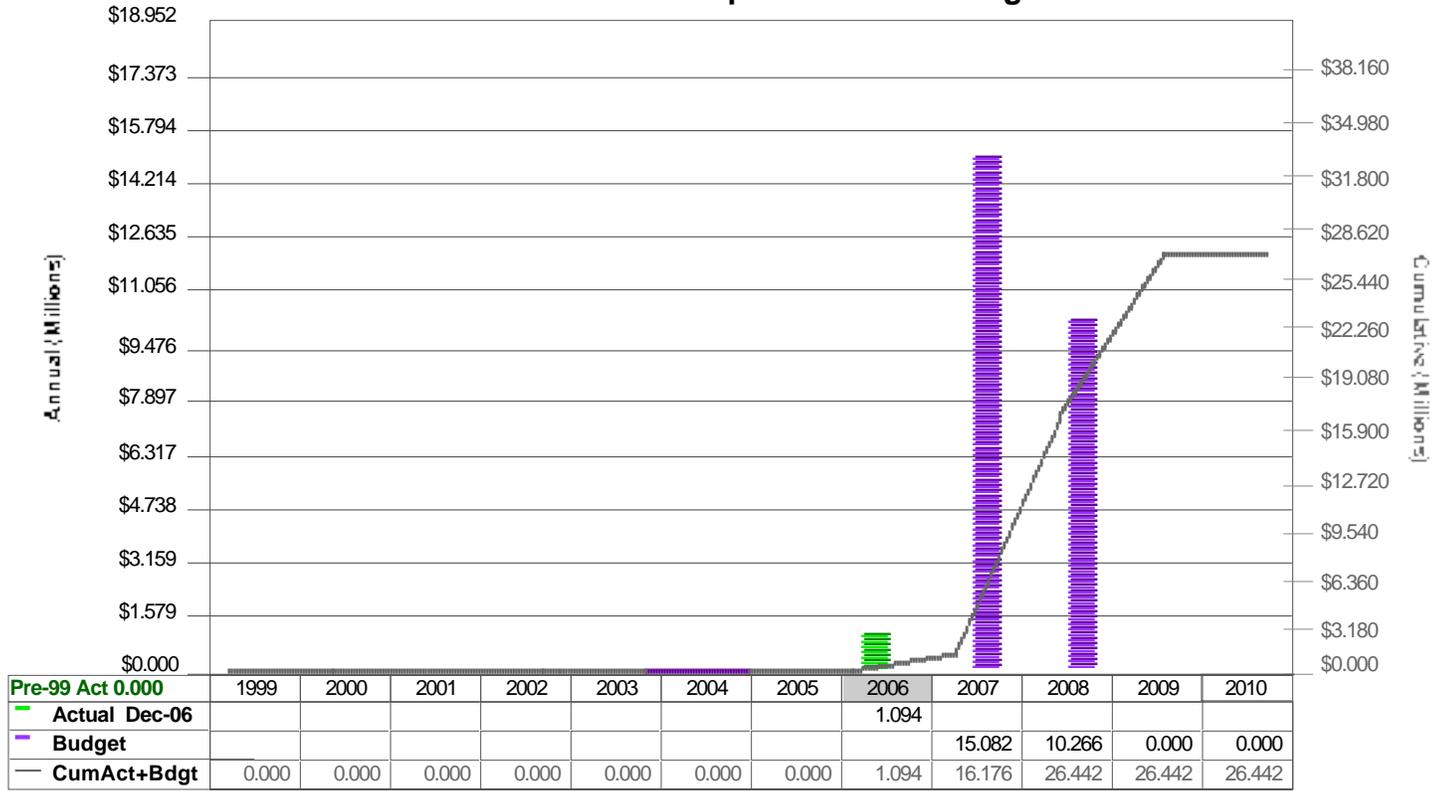
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423518 Pacific Pump Station



Project Description

This project will design and construct a new pump station and forcemain with a firm 5 year peak flow of 5.9 mgd and a maximum 20 year peak flow of 7 mgd. The project will include standby power, odor control, and improved telemetry in the new facility. The existing package-type pump station was constructed in 1970 and King County assumed responsibility for it in 1974. The existing capacity is approximately 3 mgd. The pump station discharges to a 12" forcemain, 2,940 linear feet to the Algona Pacific Interceptor. This project was completed in early 2007.

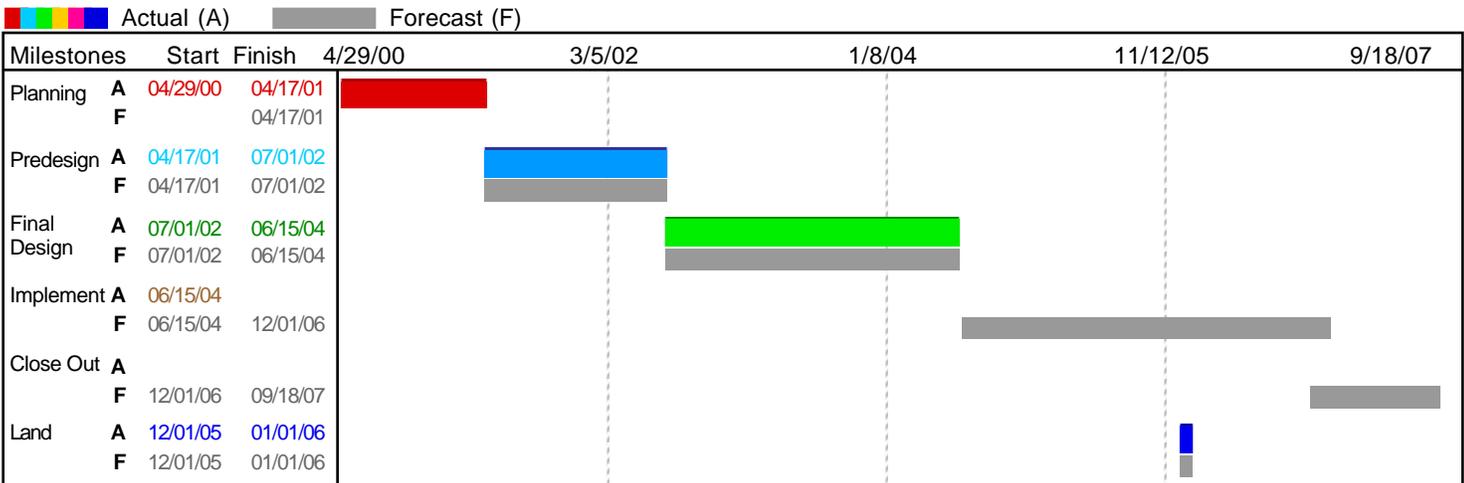
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

No change.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	1,812,368	2,520,894	1,882,444	4,475,952	4,376,672	5,020,566
Construction Contracts	1,791,724	2,520,894	1,882,444	4,454,007	4,376,466	5,019,266
Other Capital Charges	20,644	0	0	21,944	206	1,300
NON-CONSTRUCTION	577,250	458,553	515,553	2,925,206	2,723,095	2,901,338
Engineering	106,720	240,999	240,999	1,620,484	1,793,713	1,754,764
Planning & Management Svcs.	10,247	0	0	27,953	1,399	17,707
Permitting & Other Agency Support	891	0	0	51,253	24,492	46,991
Right-of-Way	300	0	0	10,200	9,300	9,900
Misc. Services & Materials	13,174	0	0	36,529	16,011	23,355
Staff Labor	445,919	217,554	274,554	1,178,787	878,181	1,048,622
PROJECT RESERVE	0	213,617	30,769	0	708,674	102,077
Project Reserve	0	213,617	30,769	0	708,674	102,077
Total \$	2,389,618	3,193,064	2,428,766	7,401,158	7,808,441	8,023,982

Cost/Budget Adjustments

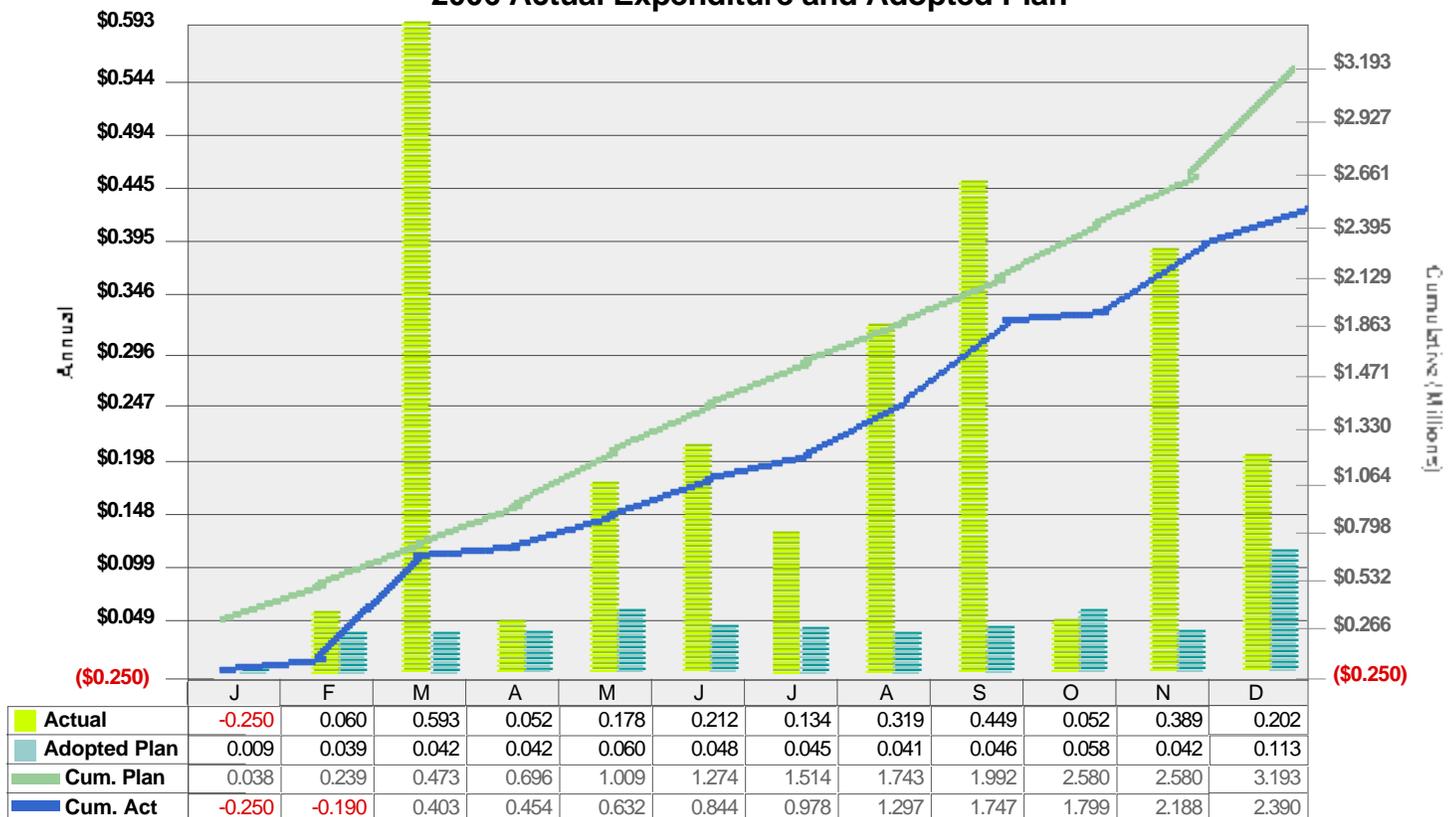
No change.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Pacific Pump Station C33096C	\$3,792,143	\$0	\$3,792,143	\$548,652	14%	8	\$4,340,795	\$4,016,291	22	93%
Engineering Services for Pacific Pump Station E03006E	\$1,351,537	\$373,756	\$1,725,293	\$0	0%	2	\$1,725,293	\$1,623,951	68	94%

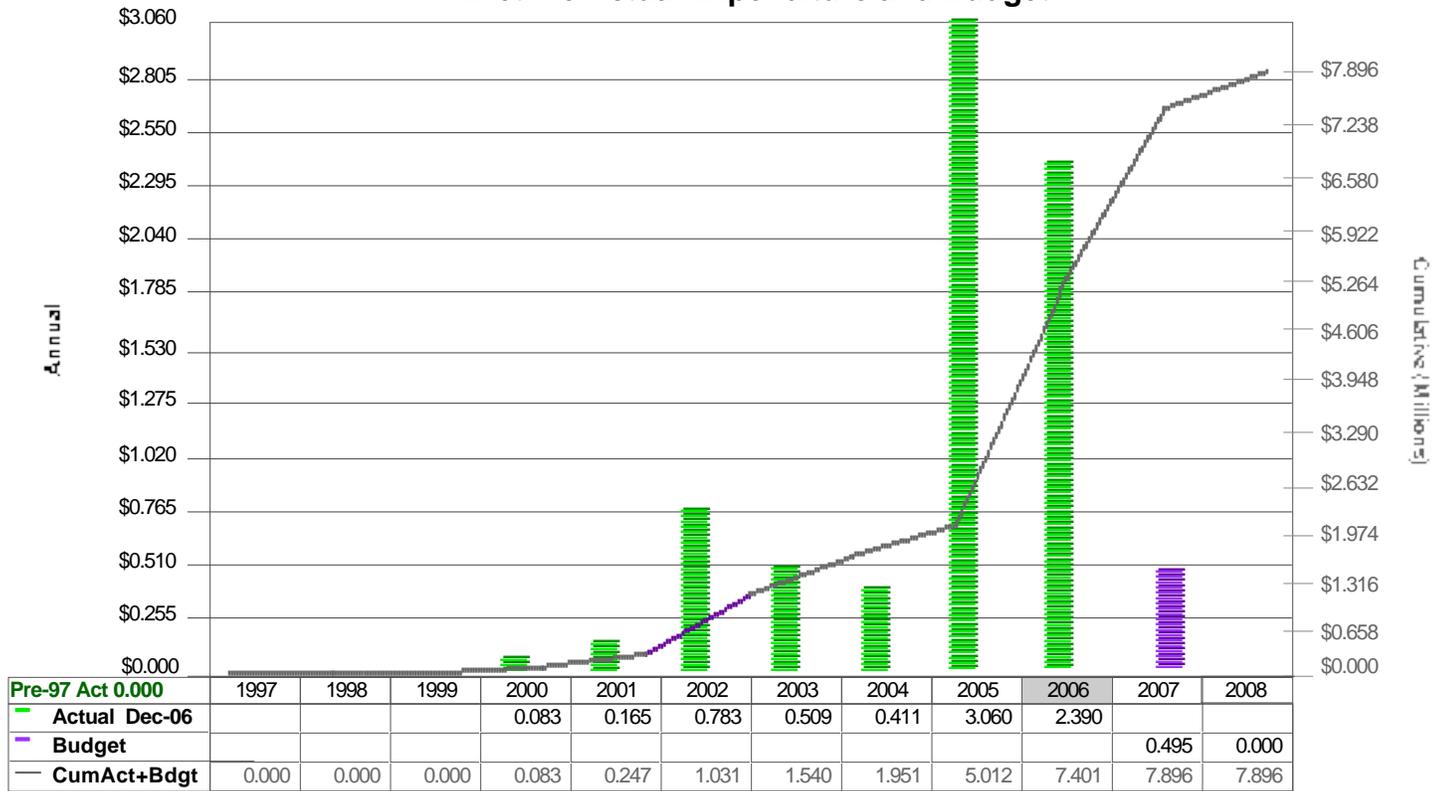
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423297 RWSP Local System I/I Control



Project Description

The Executive's Regional Infiltration/Inflow Control Program was approved by County Council in May 2006. The first step is to implement 2 to 3 initial I/I reduction projects between 2007 and 2012. These projects will test the County's ability to cost-effectively reduce I/I within project basins to a point where planned more expensive conveyance system improvement projects will not be needed. In 2007, sewer system evaluation survey (SSES) work will be conducted on four potential project sites. SSES work includes CCTV inspection, smoke testing, manhole inspections and dye testing. Pre-design work on the four project sites will be initiated and completed between July 2007 and September 2008. At the end of pre-design work, the 2 to 3 most feasible projects will be selected for design and construction. The design phase will occur between October 2008 and September 2009. Construction will occur between February 2010 and October 2011. Post project flow monitoring and analysis will be conducted between November 2011 and August 2012. A final report of findings and recommendations for continued implementation of the Regional I/I Control Program will be presented to the King County Executive and King County Council in the 4th quarter of 2012.

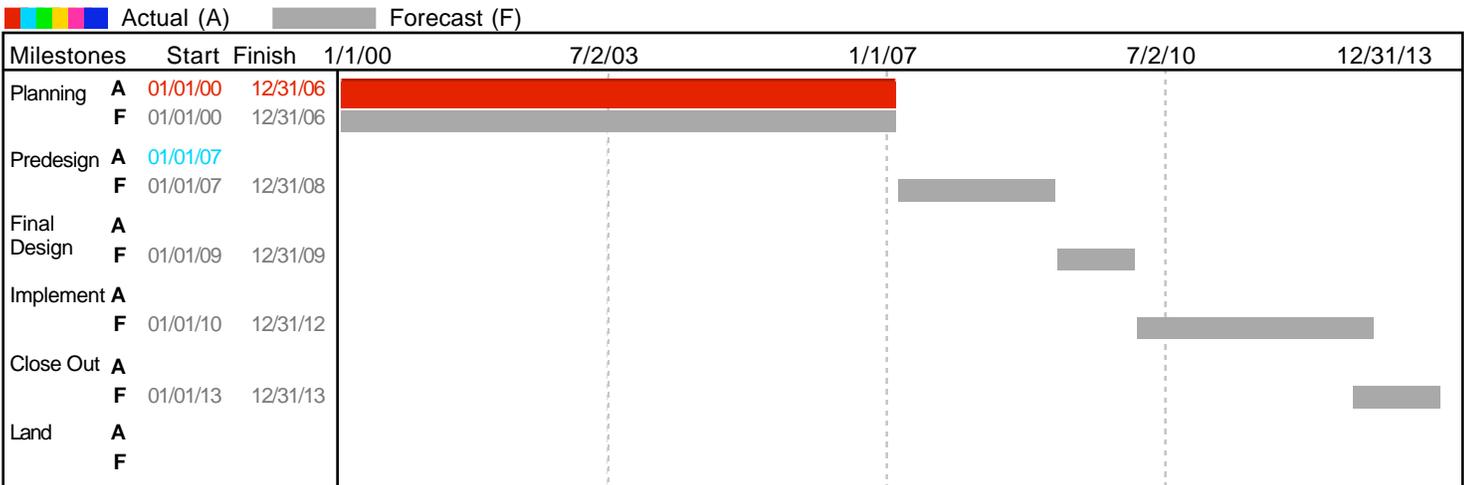
Project Phase: 1 Planning



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

None

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	974	0	0	5,455,999	5,452,305	38,754,179
Construction Contracts	0	0	0	5,419,822	5,417,102	38,718,976
Owner Furnished Equipment	974	0	0	27,046	26,073	26,073
Other Capital Charges	0	0	0	9,131	9,131	9,131
NON-CONSTRUCTION	596,126	1,738,536	1,404,916	33,195,837	39,634,207	46,046,836
Engineering	211,311	800,000	900,000	25,327,596	28,525,776	34,312,049
Planning & Management Svcs.	0	0	0	45,533	45,533	45,533
Permitting & Other Agency Support	0	0	0	1,865,036	1,865,036	1,865,036
Misc. Services & Materials	30,686	27,604	27,604	621,605	681,183	802,295
Staff Labor	354,129	910,932	477,312	5,336,067	8,516,679	9,021,923
CREDITS AND REVENUES	0	0	0	-2	0	0
Credits and Revenues	0	0	0	-2	0	0
Total \$	597,100	1,738,536	1,404,916	38,651,835	45,086,512	84,801,016

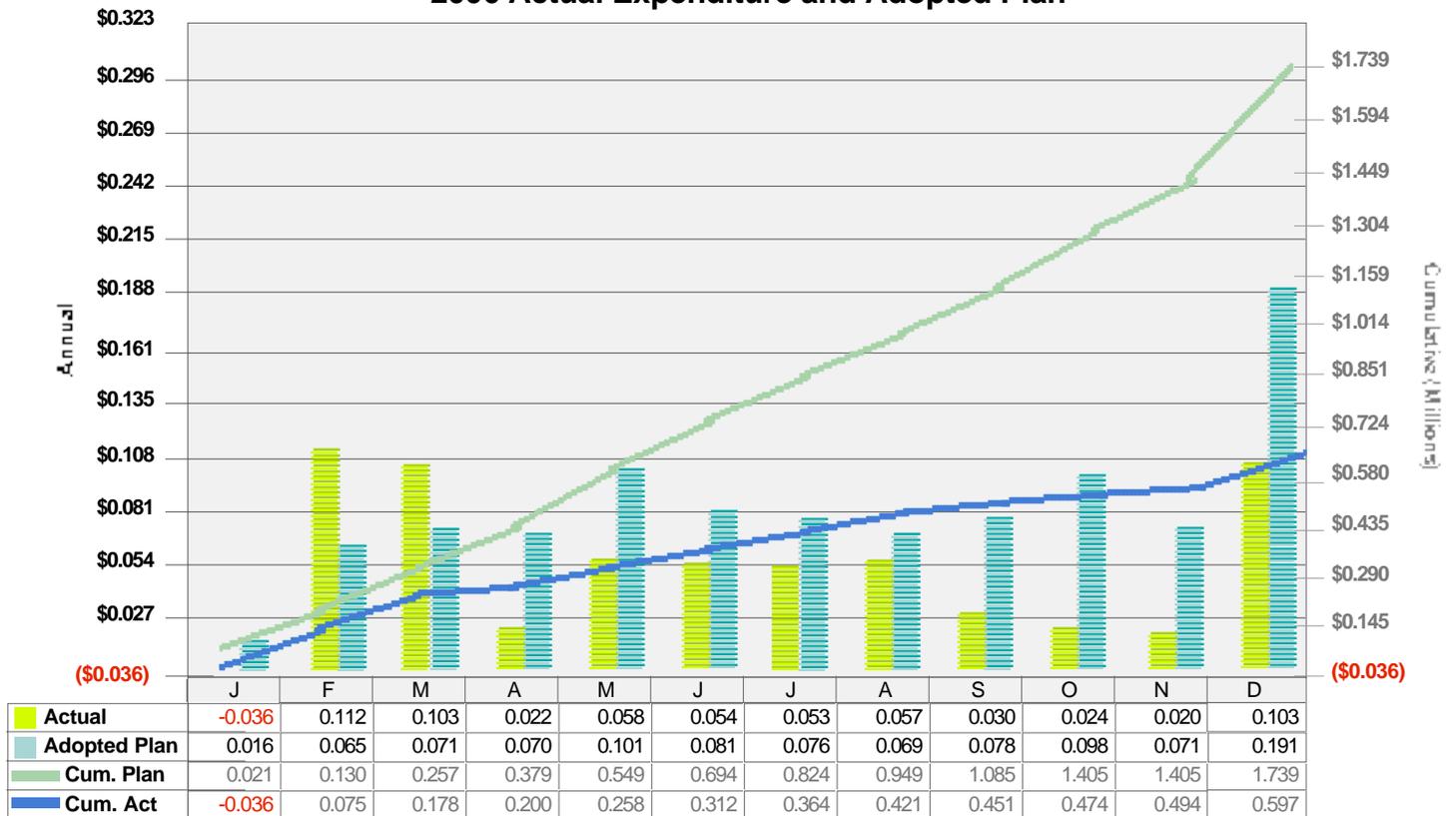
Cost/Budget Adjustments - Note: The costs of design and construction of the I/I initial reductions projects are capped at \$25 million. Although the cost summary reflects the budget for these projects; the projects are being funded from the Conveyance System Improvement program, as the purpose of the project is to carry out I/I control in lieu of investing in larger conveyance system improvements when it is cost-effective to do so. It is expected that the lifetime budget will be less than shown on this summary. In addition, the results of the I/I initial projects will be a factor in future I/I control expenditures. The RWSP 2006 cost estimate sheet shows an additional cost of \$4 million through 2012 to cover flow monitoring costs associated with the initial projects, ongoing modeling, analysis, reporting, and other costs in support of the I/I program.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
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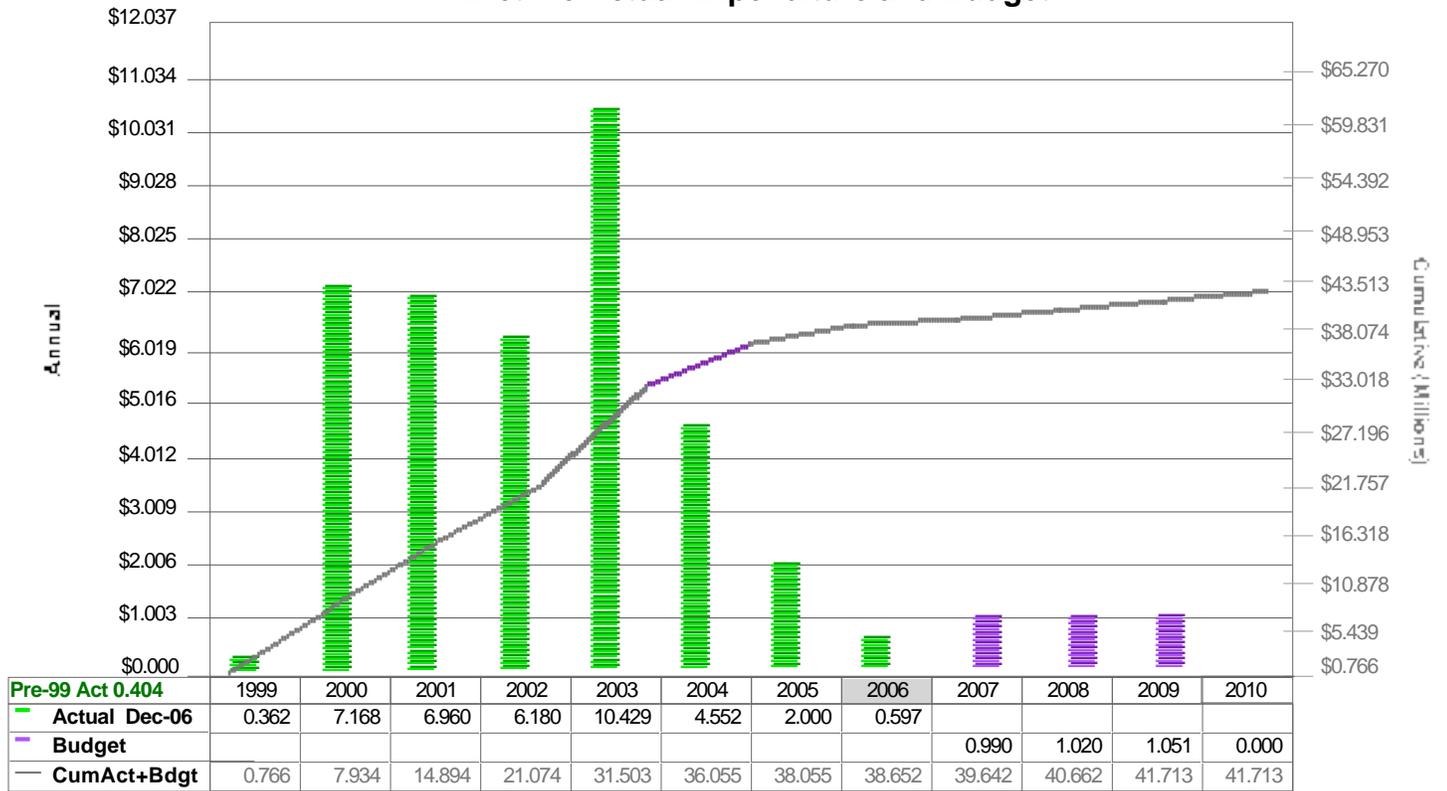
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423368 Sediment Management Plan



Project Description

Sediment Management Program addresses sediment contamination cleanups required under federal CERCLA and state MTCA regulations. The SMP objectives are to repair potential environmental damage in a timely, efficient and economical process, to prevent harm to public health, and to limit future liability.

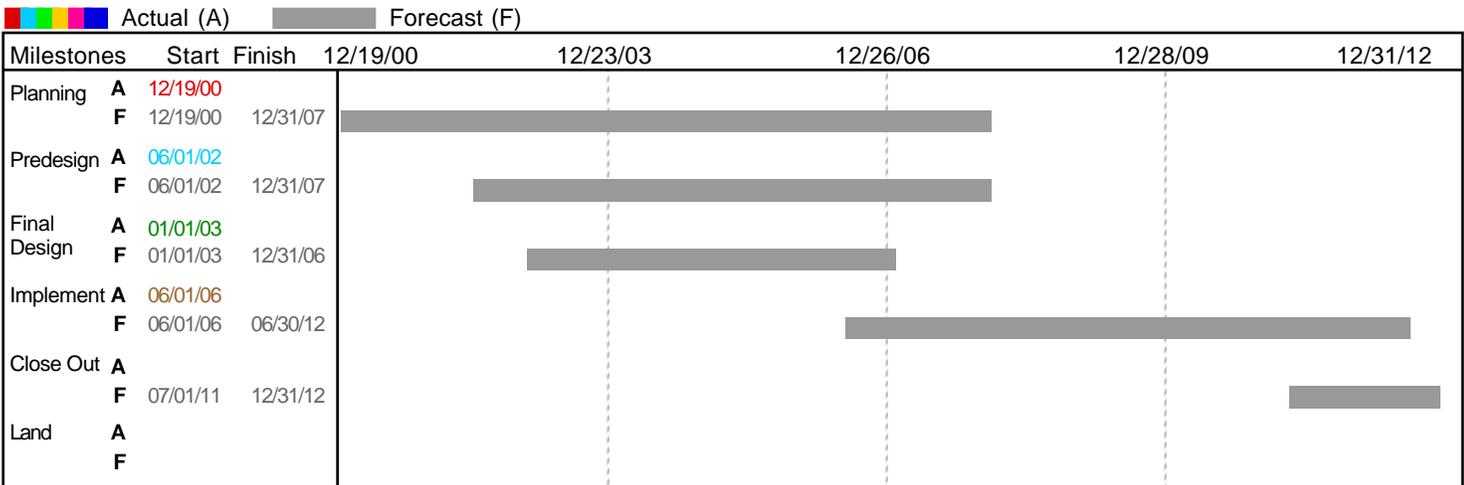
Project Phase: 1 Planning



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

- Portion of construction costs for start of Denny will be delayed into the 2007-8 dredging window as Ecology has not assigned a site manager.
- Portion of construction costs are for a share of Hanford/Lander costs that the Port of Seattle incurred during a navigation dredging in 2004-5. MOA signed with the Port and Seattle will likely move allocation process into 2007 so no construction money will be dispersed until at least 2007.

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	0	3,276,224	0	5,412	27,746,401	30,995,230
Construction Contracts	0	3,276,224	0	0	27,740,989	30,972,014
Owner Furnished Equipment	0	0	0	5,412	5,412	5,412
Other Capital Charges	0	0	0	0	0	17,805
NON-CONSTRUCTION	524,349	1,563,483	1,420,177	5,742,576	12,048,394	12,951,500
Engineering	176,315	927,000	815,109	1,371,811	4,116,593	4,460,353
Planning & Management Svcs.	0	0	0	360,702	347,063	360,702
Permitting & Other Agency Support	12	51,500	0	96,046	419,455	377,657
Misc. Services & Materials	63,132	62,830	31,415	1,652,734	1,823,802	1,775,002
Staff Labor	284,890	522,153	573,653	2,261,282	5,341,482	5,977,786
CREDITS AND REVENUES	-150,639	-1,228,891	0	-150,639	26,550	0
Credits and Revenues	-150,639	-1,228,891	0	-150,639	26,550	0
Total \$	373,711	3,610,817	1,420,177	5,597,349	39,821,345	43,946,731

Cost/Budget Adjustments

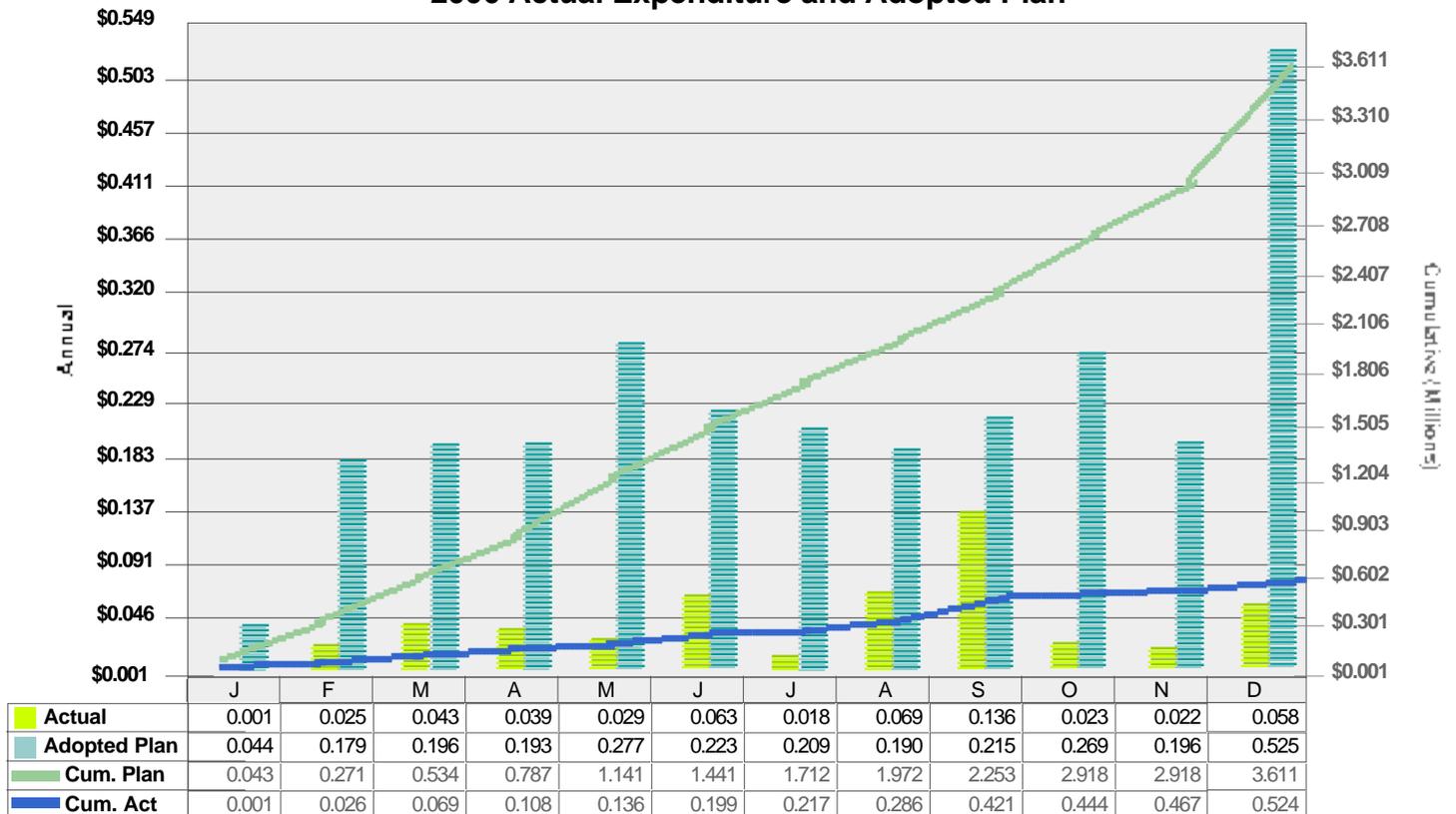
- Construction costs projected in 2006 are delayed into 2007 for Denny
- Construction costs for Hanford/Lander are delayed into future years due to negotiations with Port of Seattle and City of Seattle to conduct joint work on East Waterway. Allocation process will determine cost shares and timing of payments.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Sediment Management P23009P	\$526,052	\$0	\$526,052	\$0	0%	1	\$526,052	\$378,622	46	72%
Phase 2/Discharge Modeling for Contaminated Sediment P39020P	\$266,664	\$0	\$266,664	\$0	0%		\$266,664	\$257,518	8	97%
Discharge Modeling for Contaminated Sediment P03014P	\$53,692	\$0	\$53,692	\$10,136	19%	1	\$63,828	\$63,383	12	99%

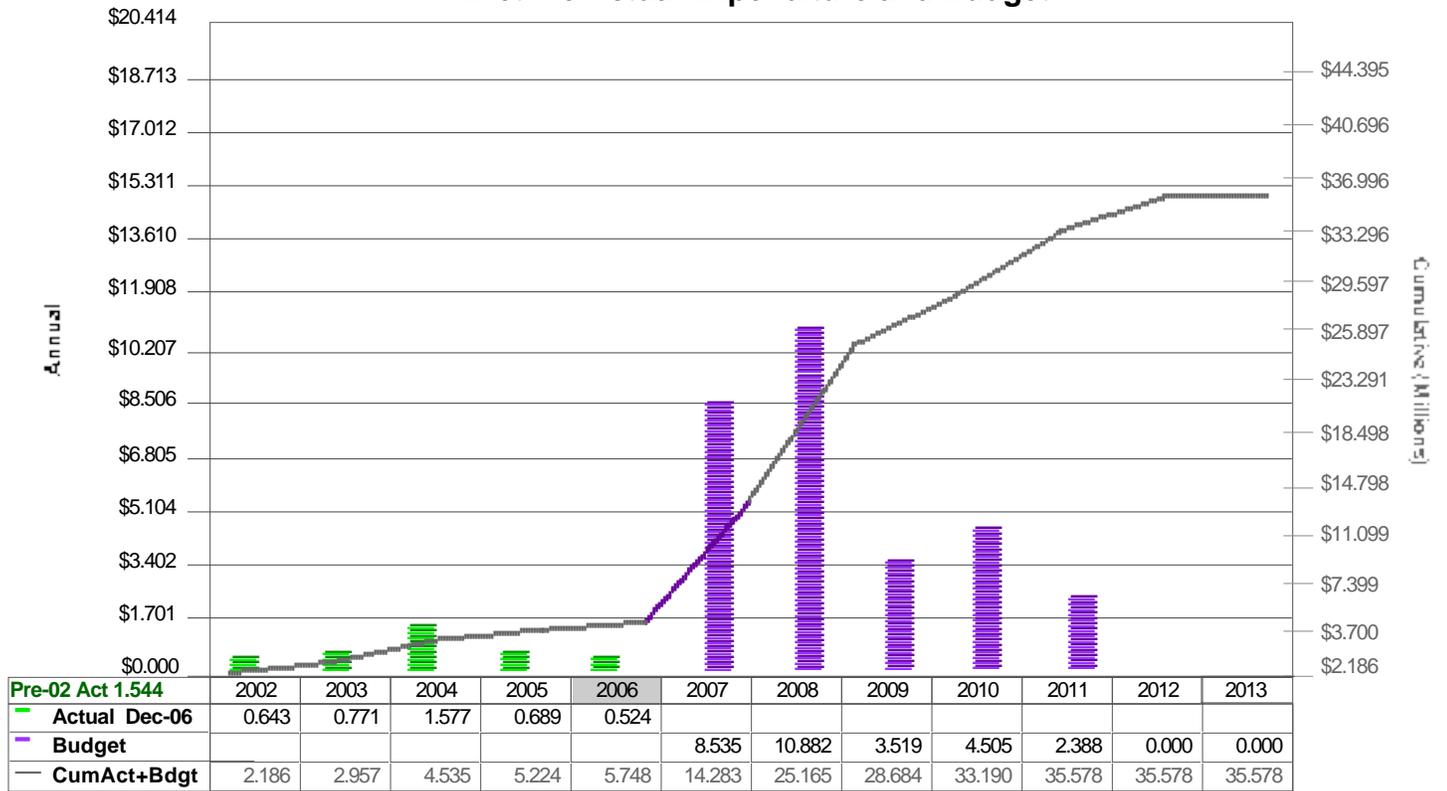
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

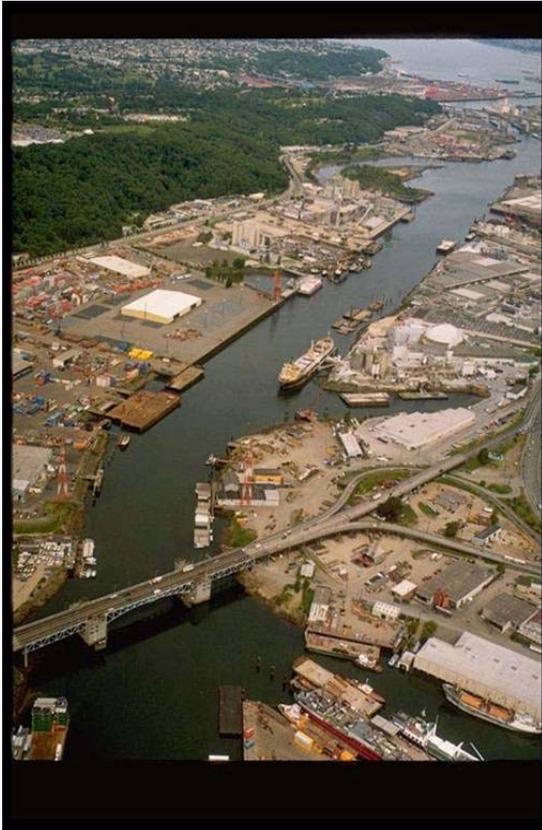
Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423589 Lower Duwamish Waterway Superfund



Project Description

The project implements the County's shared responsibilities under a signed Administrative Order on Consent (AOC) to conduct a Remedial Investigation/Feasibility Study (RII/FS) for the Lower Duwamish Waterway Superfund Site, conduct source control along the waterway, and pay for EPA and Ecology oversight costs.

Project Phase: 1 Planning



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule

Actual (A) Forecast (F)

Milestones	Start	Finish	1/1/05	3/18/06	6/2/07	8/16/08	10/31/09
Planning	A	01/01/05					
	F	01/01/05	10/31/09				
Pre-design	A						
	F	10/31/09	10/31/09				
Final Design	A						
	F	10/31/09	10/31/09				
Implement	A						
	F	10/31/09	10/31/09				
Close Out	A						
	F	10/31/09	10/31/09				
Land	A						
	F						

Schedule Adjustments

none

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
NON-CONSTRUCTION	2,429,184	1,461,319	2,035,038	3,978,165	4,980,416	5,857,690
Engineering	483,045	946,556	1,426,538	494,360	3,006,824	2,738,946
Planning & Management Svcs.	364,942	0	0	365,930	0	988
Permitting & Other Agency Support	120	0	0	120	0	0
Misc. Services & Materials	907,767	0	0	1,978,282	0	1,070,515
Staff Labor	673,309	514,763	608,500	1,139,473	1,973,592	2,047,241
CREDITS AND REVENUES	-1,121,827	0	0	-1,121,827	0	0
Credits and Revenues	-1,121,827	0	0	-1,121,827	0	0
Total \$	1,307,356	1,461,319	2,035,038	2,856,338	4,980,416	5,857,690

Cost/Budget Adjustments

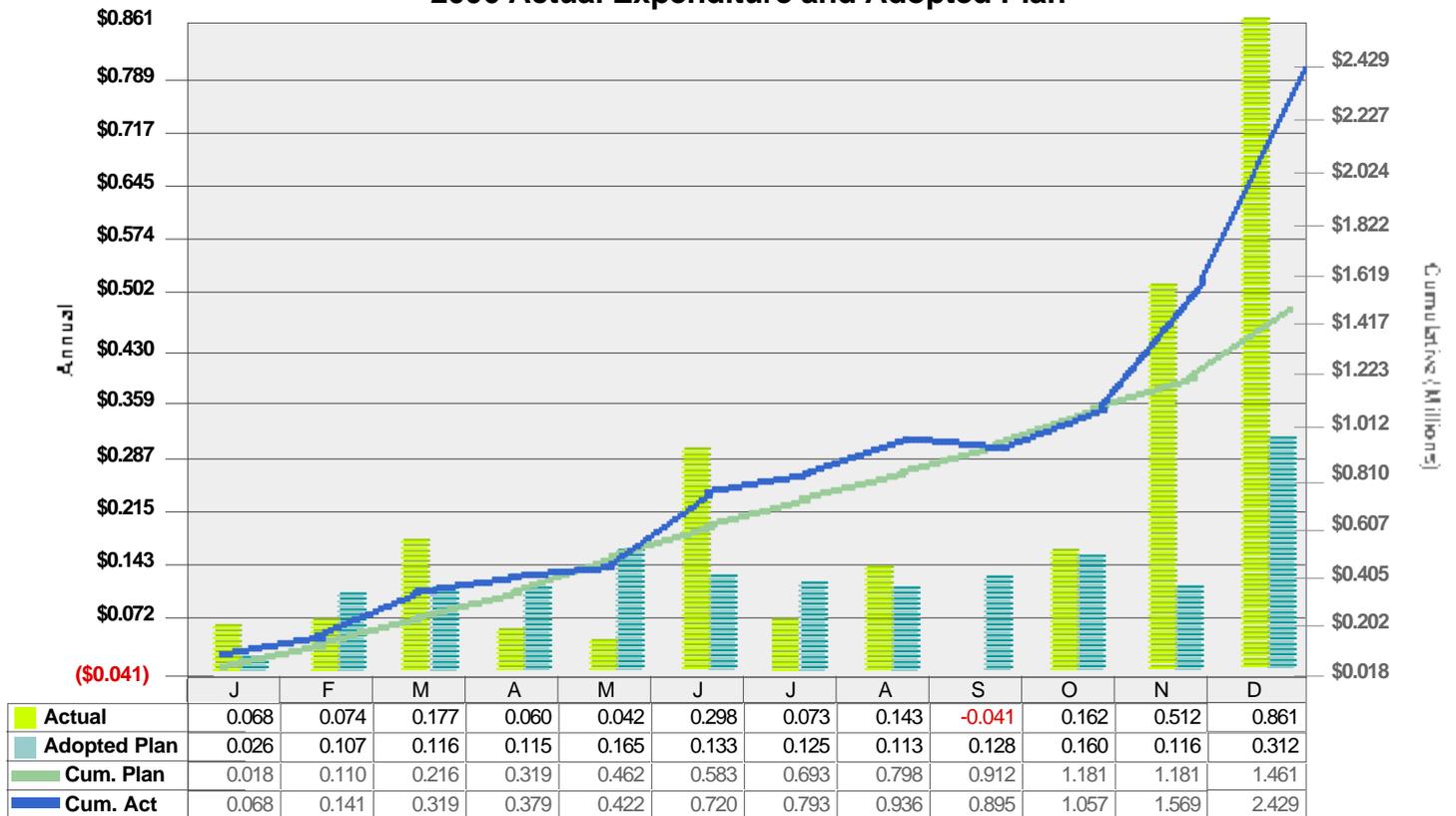
Total Project costs are projected to increase to \$5.8 million due to increased effort for all sampling conducted to date and expected increased costs in developing and gaining EPA approval of final deliverables.

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
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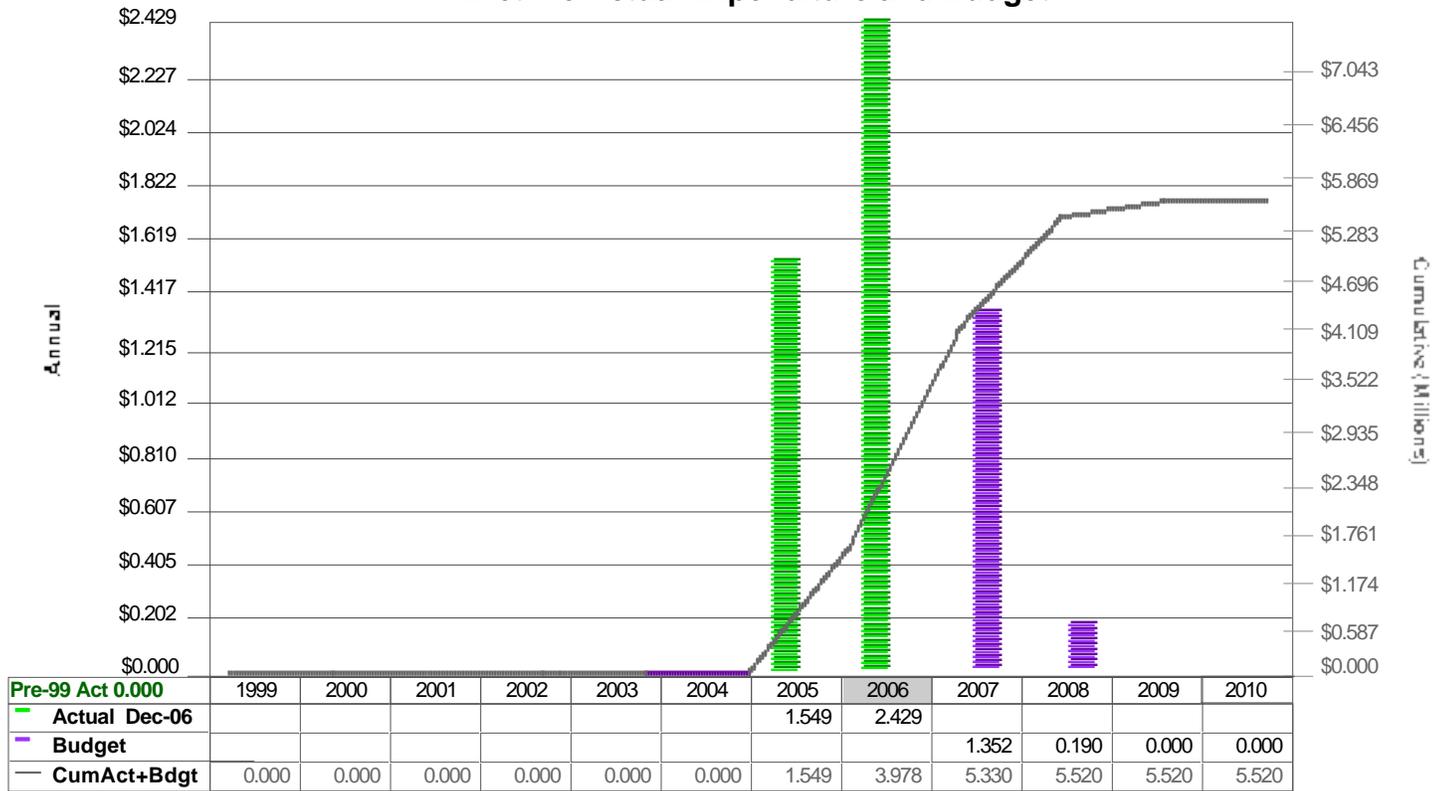
Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2006

423593 WP Digestion Improvements



Project Description

Design and implement improvements to the West Point Treatment Plant solids digestion system to improve system reliability. Improvements will include modifications to the blending storage tank (Digester 6) to enable its use as an emergency active digester, modifications to solids conveyance systems to enable continuous digester feed and withdrawal and installation of new mixing system for Digesters 4 and 5.

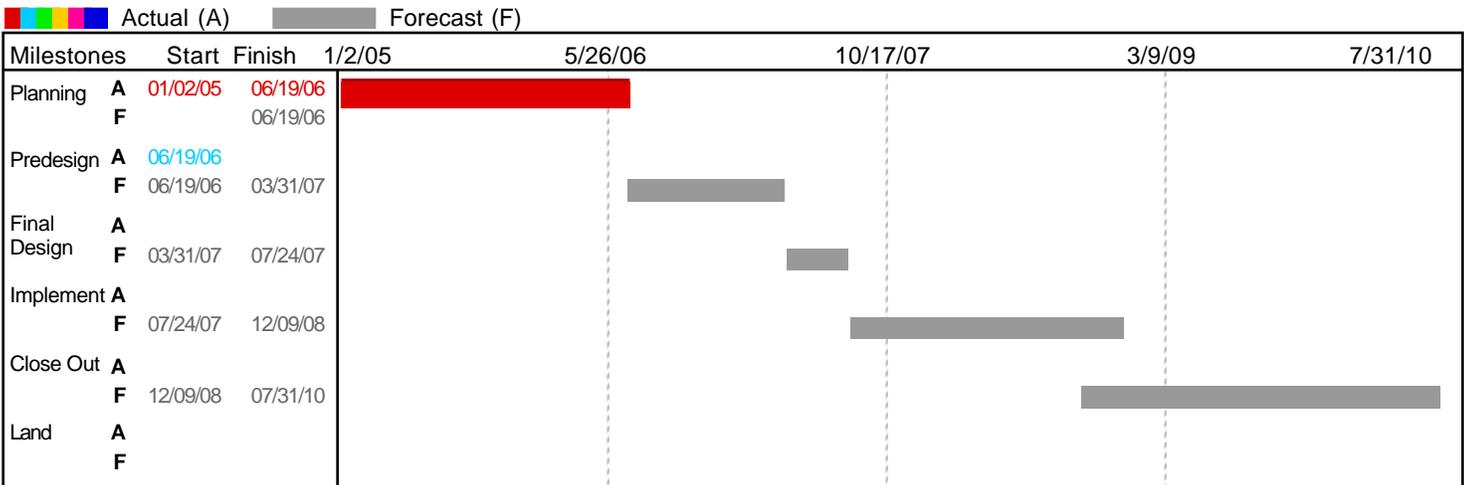
Project Phase: 1 Planning



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2006 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-06	Adopted Plan	Updated Plan	IBIS LTD Dec-06	Lifetime Budget	Updated Budget
CONSTRUCTION	0	76,606	0	0	2,374,607	3,476,374
Construction Contracts	0	76,606	0	0	2,342,303	3,444,069
Other Capital Charges	0	0	0	0	32,304	32,304
NON-CONSTRUCTION	194,427	508,106	589,291	282,716	1,281,573	1,478,758
Engineering	69,659	270,375	434,211	69,659	629,678	906,268
Permitting & Other Agency Support	0	22,071	22,071	0	25,643	22,071
Misc. Services & Materials	9,844	11,330	14,399	16,015	46,020	50,676
Staff Labor	114,925	204,329	118,610	197,043	580,233	499,743
PROJECT RESERVE	0	0	0	0	747,480	1,187,403
Project Reserve	0	0	0	0	747,480	1,187,403
CREDITS AND REVENUES	0	0	0	0	22,613	0
Credits and Revenues	0	0	0	0	22,613	0
Total \$	194,427	584,712	589,291	282,716	4,426,273	6,142,534

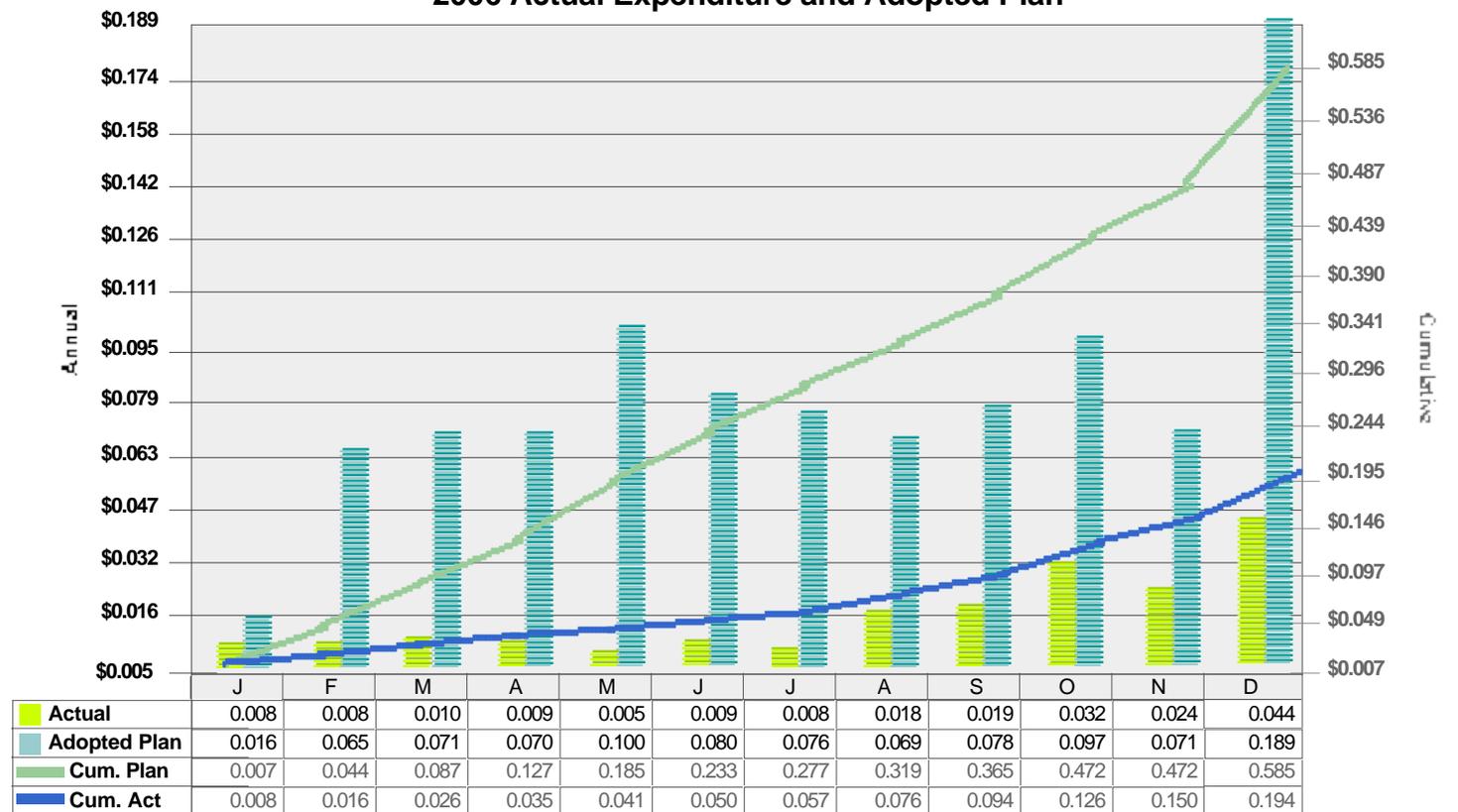
Cost/Budget Adjustments

Contract Status

Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
West Point Treatment Plant Digestion System	\$382,148	\$0	\$382,148	\$0	0%		\$382,148	\$89,394	7	23%

Annual Cash Flow

2006 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget

