
Appendix B

RWSP Project Reports

The RWSP reporting policies call for annual reports to provide details on RWSP capital projects, including a project schedule, an expenditures summary (including staff labor and miscellaneous services), a description of adjustments to costs and schedules, and a status of the project contracts. This appendix meets these requirements and includes a project report for the following RWSP capital projects that were in design or construction during 2008:

- Brightwater Treatment Plant, project #423484¹
- Brightwater Conveyance, project #423575
- Brightwater Reclaimed Water Pipeline, project #423600
- Carnation Treatment Plant, project #423557
- Chinook Wetlands Enhancement, project #423611
- West Point Odor Control Improvements, project #423584
- South Plant Odor Control Improvements, project #423585
- King Street Regulator Odor Control, project #423580
- Bellevue Pump Station, project #423521
- Black Diamond Storage Facility, project #423615
- SW Interceptor (Kent/Auburn Conveyance System Improvements), project #423582
- Hidden Lake Pump Station and Boeing Creek Trunk, project #423365
- Juanita Bay Pump Station, project #423406
- North Creek Pipeline, project #423596
- RWSP Local System Infiltration/Inflow (I/I) Control, project #423297
- RWSP Local Systems I/I Implementation (I/I Initial Projects), project #423618

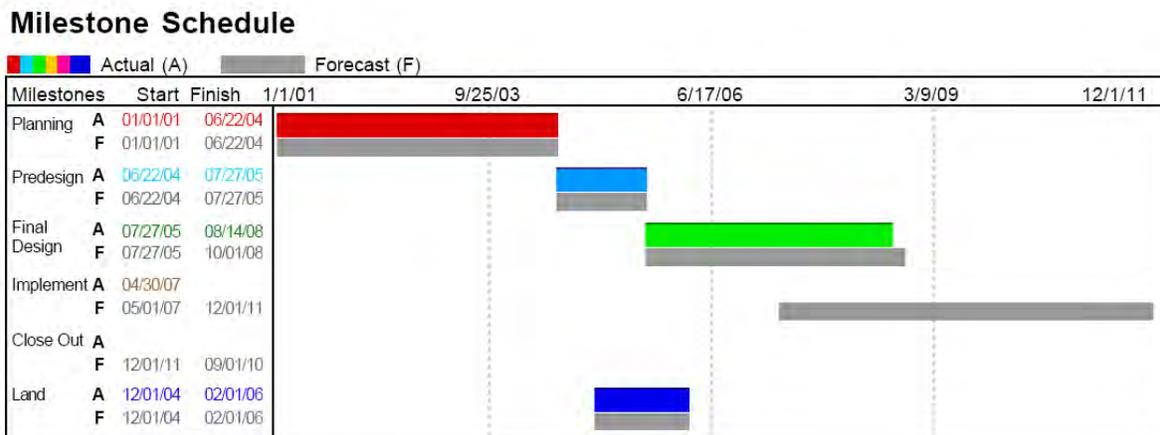
¹Each wastewater capital project is assigned a six-digit number such as 423484. The first two numbers (42) identify this as a wastewater project (as opposed to a transit or roads project). The third number (3) identifies the project as capital project (as opposed to operating) and the last three numbers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

- West Point Digestion Improvements, project #423593
- Magnolia Combined Sewer Overflow (CSO) Control and Improvements, project #423607
- Murray CSO Control and Improvements, project #423608
- North Beach CSO Control and Improvements, project #423609
- Barton CSO Control and Improvements, project #423610
- Sediment Management Program, project #423368
- Lower Duwamish Waterway Superfund, project #423589

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.

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 is provided below.



Schedule Adjustments

An explanation of significant schedule adjustments, if any, is provided in this area; if there are none, this area is left blank.

The cost summary table provides expenditure information for the year 2008 and lifetime budget information based on the adopted 2008 budget. An example of a project cost summary table and an explanation of how to read the summary follows.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	5,181,926	6,855,577	6,240,795	24,079,694	26,612,848	26,112,633
Construction Contracts	5,122,923	6,477,935	5,780,154	23,973,012	25,738,339	25,604,314
Owner Furnished Equipment	79		0	568		490
Outside Agency Construction		377,642	460,641	0	861,999	460,641
Other Capital Charges	58,925	0	0	106,114	12,510	47,189
NON-CONSTRUCTION	1,742,974	1,748,850	2,277,326	11,873,492	12,016,804	12,577,150
Engineering	275,131	327,147	538,041	4,786,339	4,996,517	5,049,249
Planning & Management Svcs.	388,883	575,231	844,848	1,191,417	1,690,859	1,647,383
Permitting & Other Agency Support	25,401	15,535	39,267	1,304,563	1,302,019	1,318,429
Right-of-Way	42,691	33,774	32,790	259,699	216,196	249,798
Misc. Services & Materials	97,324	71,842	69,750	449,701	382,389	422,127
Staff Labor	913,544	725,321	752,630	3,881,772	3,428,823	3,890,164
PROJECT RESERVE		0	29,127	0	268,342	125,752
Project Reserve		0	29,127	0	268,342	125,752
CREDITS AND REVENUES		-220,052	-337,590	0	-433,694	-337,590
Credits and Revenues		-220,052	-337,590	0	-433,694	-337,590
Total \$	6,924,900	8,384,375	8,209,658	35,953,185	38,464,299	38,477,946

Cost/Budget Adjustments

An explanation of significant cost/budget adjustments, if any, is provided in this area; if there are none, this area is left blank.

Cost Summary

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

The "Expenses" column of the cost summary table is broken down into four main headings:

- Construction. These are costs associated with construction.
- Non-Construction. 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 labor costs.
- Project Reserve. These are costs associated with project contingency.
- Credits and Revenues. Credits and revenues reflect grants received, rents received, or salvage/surplus revenues.

Appendix B. RWSP Project Reports

2008 Actual Expenditure and Plan		
IBIS YTD Dec-08	Adopted Plan	Updated Plan
5,181,926	6,855,577	6,240,795
5,122,923	6,477,935	5,780,154
79		0
	377,642	460,641
58,925	0	0
1,742,974	1,748,850	2,277,326
275,131	327,147	538,041
388,883	575,231	844,848
25,401	15,535	39,267
42,691	33,774	32,790
97,324	71,842	69,750
913,544	725,321	752,630
	0	29,127
	0	29,127
	-220,052	-337,590
	-220,052	-337,590
6,924,900	8,384,375	8,209,658

The columns under “2008 Annual Expenditure and Plan” of the cost summary table reflect expenditures for 2008. The three headings under annual expenditures include:

- **IBIS* YTD (Year-to-Date) Dec-08.** This column reflects the actual expenditures for the year 2008, from January through December 2008.
- **Adopted Plan.** The costs in this column reflect the approved appropriation and breakdown by expense category for the year 2008.
- **Updated Plan.** The costs in this column reflect what was anticipated to be expended of the 2008 King County Council-approved project budget in preparation for the 2009-2014 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. 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.

Lifetime Actual Expenditure and Budget		
IBIS LTD Dec-08	Lifetime Budget	Updated Budget
24,079,694	26,612,848	26,112,633
23,973,012	25,738,339	25,604,314
568		490
0	861,999	460,641
106,114	12,510	47,189
11,873,492	12,016,804	12,577,150
4,786,339	4,996,517	5,049,249
1,191,417	1,690,859	1,647,383
1,304,563	1,302,019	1,318,429
259,699	216,196	249,798
449,701	382,389	422,127
3,881,772	3,428,823	3,890,164
0	268,342	125,752
0	268,342	125,752
0	-433,694	-337,590
0	-433,694	-337,590
35,953,185	38,464,299	38,477,946

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

- **IBIS LTD (Life-to-Date) Dec-08.** The costs in this column refer to total project expenditures through December 2008.
- **Lifetime Budget.** The costs in this column refer to projected total inflated project costs as adopted in the 2008-2013 budget (November 2007).
- **Updated Budget.** The costs in this column reflect the projected total inflated project costs as adopted in the 2009-2014 budget (November 2008). 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 (2009) budget submittal takes into account changes to the project scope or schedule, or new information identified since the current year’s (2008) 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 Amends” column refers to additional planned phases of the contract; the value of those planned phase amendments are included in the “Base Contract Amount” column. If work

associated with the contract was not planned when the original contract was signed, the costs associated with that work is seen in the “Change Amends or COs” column.²

An example of the contract status table follows.

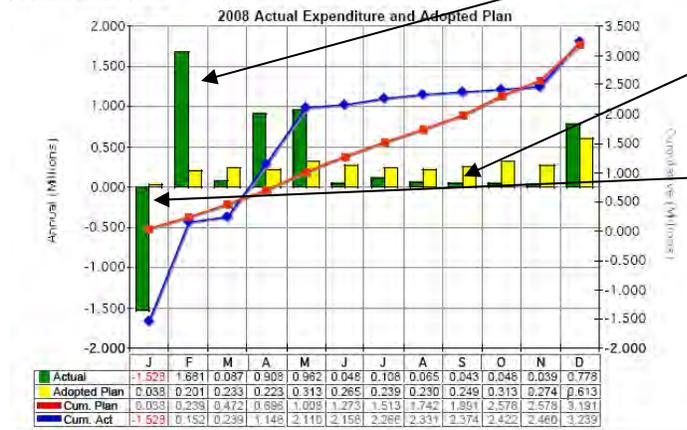
Contract Status

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
Hidden Lake Project	\$20,929,000	\$0	\$20,929,000	\$863,039	4%	8	\$21,792,039	\$16,297,043	17	75%
Hidden Lake Pump Station	\$2,699,191	\$0	\$2,699,191	\$2,381,297	88%	5	\$5,080,487	\$4,354,842	61	86%
Construction Management Services for the Hidden	\$1,500,177	\$0	\$1,500,177	-\$242,947	-16%	2	\$1,257,230	\$364,938	13	29%
Mitigation for Hidden Lk PS and boeing Creek Trunk Sewer	\$1,100,000	\$0	\$1,100,000	\$0	0%		\$1,100,000	\$1,100,000	1	100%

Annual Cash Flow

A chart depicting annual cash flow for each project is shown on page 3 of the report. This chart provides information on actual expenditures for 2008 monthly and cumulatively as compared to planned expenditures.

Annual Cash Flow



Actual expenditures by month. The bar on the left reflects the actual expenditures that took place in the indicated month.

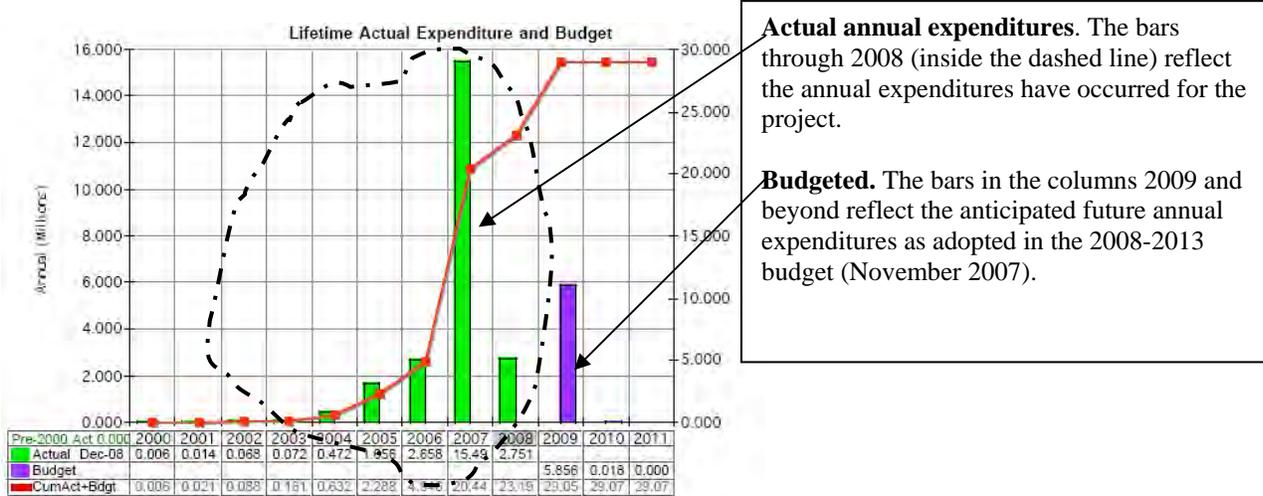
Planned expenditures by month. The bar on the right reflects the planned expenses for the indicated month.

Accrued costs. As part of the year-end accounting closure process to comply with generally accepted accounting principles, King County requires that goods and services received in the end of the calendar year (usually just December), which has been fully completed and for which payment obligation has been incurred, be accrued to the year those cost obligations were incurred. This results in a charge of the estimated accruals to the closing year and a corresponding negative offsetting charge in the January expenditures of the next year. Unlike all other months where expenditures shown are based on actual payments made, the December/January transition shows expenses on an accrual basis. Because accrued costs are shown as expenses in the closed year and not shown as expenses in the new year, the reporting result for project cost-tracking is (1) relatively higher than planned expenditures will be shown in December and (2) relatively lower than planned expenditures will be shown in January.

² “COs” refers to change orders.

Lifetime Cash Flow

A chart depicting the lifetime cash flow for each project is shown on page 4 of the report. This chart shows annual expenditures through 2008 and budgeted expenditures beyond 2008.



RWSP Project Report

DECEMBER 2008

423484 Brightwater Treatment Plant



Project Description

This project will design and construct a treatment plant to provide 36 million gallons per day (mgd) of treatment capacity (average wet weather flow) by 2011 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 acres (with additional area for stormwater treatment, open space, wildlife habitat and wetlands). The Brightwater plant will include membrane bioreactor secondary treatment systems, Class B biosolids, Class A reclaimed water production, odor control systems, and disinfection.

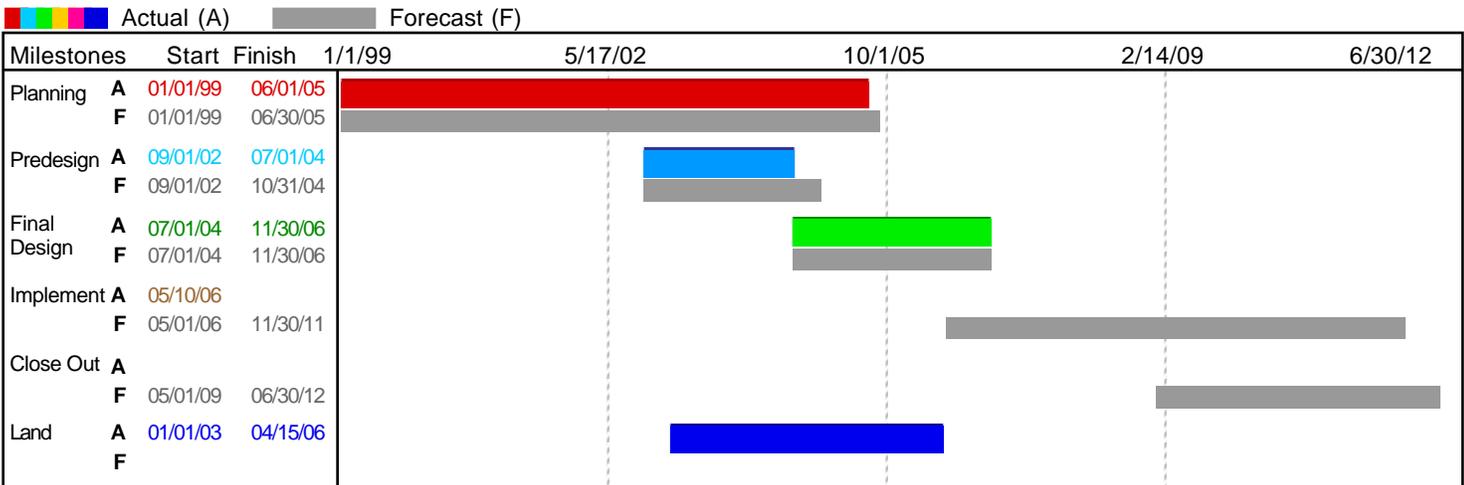
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Due to slower than planned tunnel construction on the Central Tunnel, the initiation of wastewater is now projected to be September 2011.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	132,914,380	127,526,188	115,987,170	191,275,297	530,713,965	550,931,422
Construction Contracts	124,246,713	121,689,534	107,357,780	176,544,094	506,833,207	503,688,902
Owner Furnished Equipment	1,827,967	837,910	3,595,407	1,872,182	7,216,824	28,545,396
Outside Agency Construction	4,556,884	2,250,000	2,636,000	4,679,419	4,562,699	6,794,734
Other Capital Charges	2,282,815	2,748,744	2,397,984	8,179,601	12,101,235	11,902,390
NON-CONSTRUCTION	32,685,996	27,437,934	33,112,893	295,308,000	315,812,250	325,617,693
Engineering	4,601,518	2,300,484	5,326,412	65,830,741	66,328,597	76,494,769
Planning & Management Svcs.	4,443,495	3,088,440	3,964,812	18,743,386	26,331,979	27,734,228
Permitting & Other Agency Support	-1,398,015	1,523,644	1,334,000	4,437,749	8,081,476	9,932,120
Right-of-Way	21,529,117	17,300,002	19,547,566	180,807,956	183,749,283	179,662,490
Misc. Services & Materials	267,511	283,074	277,623	4,170,264	4,473,838	4,747,171
Staff Labor	3,242,369	2,942,290	2,662,480	21,317,903	26,847,077	27,046,915
PROJECT RESERVE		0	0	0	4,000,000	2,000,000
Project Reserve		0	0	0	4,000,000	2,000,000
CREDITS AND REVENUES	-65,723	-7,981,876	-200,000	-3,101,137	-10,606,932	-3,235,415
Credits and Revenues	-65,723	-7,981,876	-200,000	-3,101,137	-10,606,932	-3,235,415
Total \$	165,534,653	146,982,246	148,900,064	483,482,159	839,919,283	875,313,700

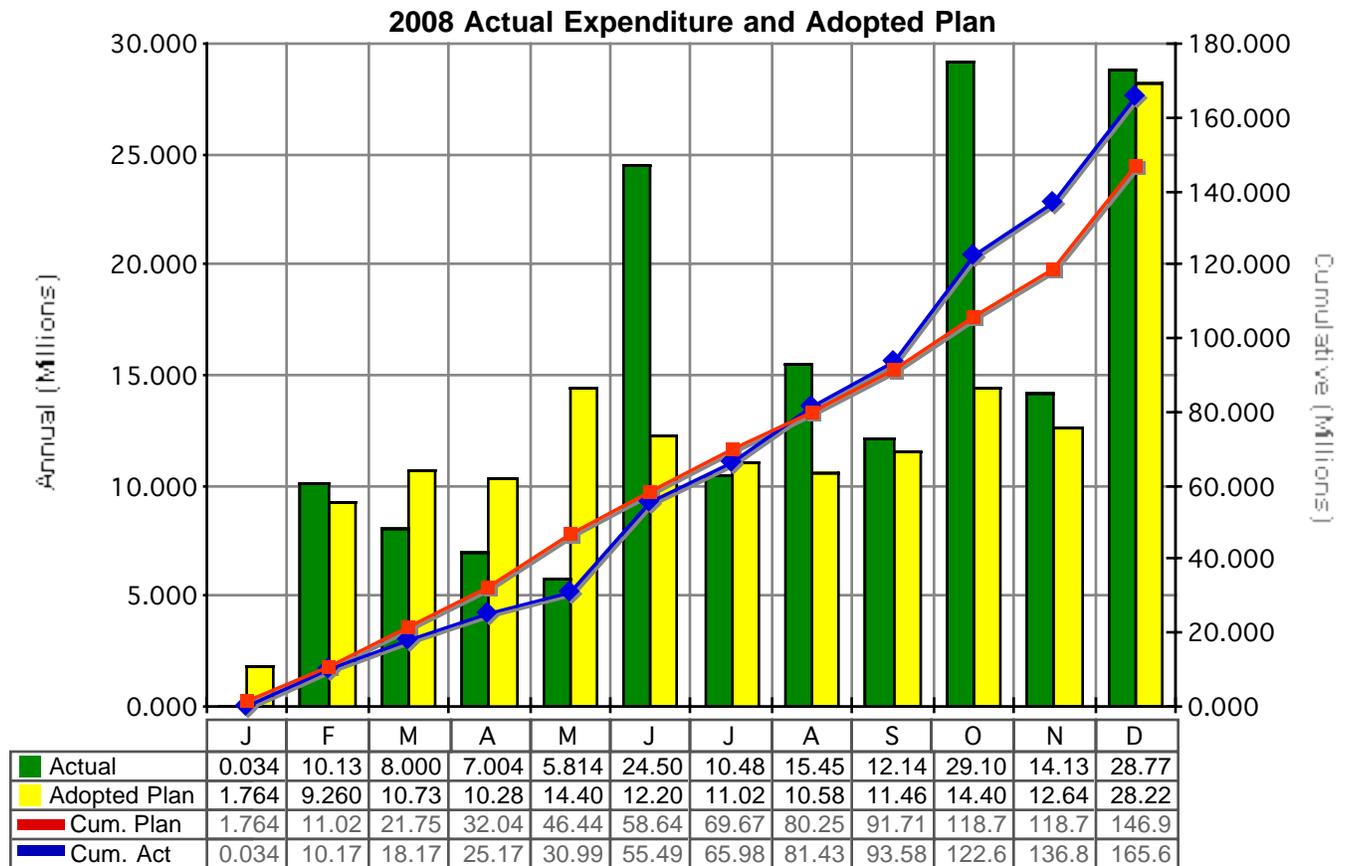
Cost/Budget Adjustments

A detailed explanation of Brightwater cost changes is contained in the annual Brightwater Cost Update (Trend Report).

Contract Status

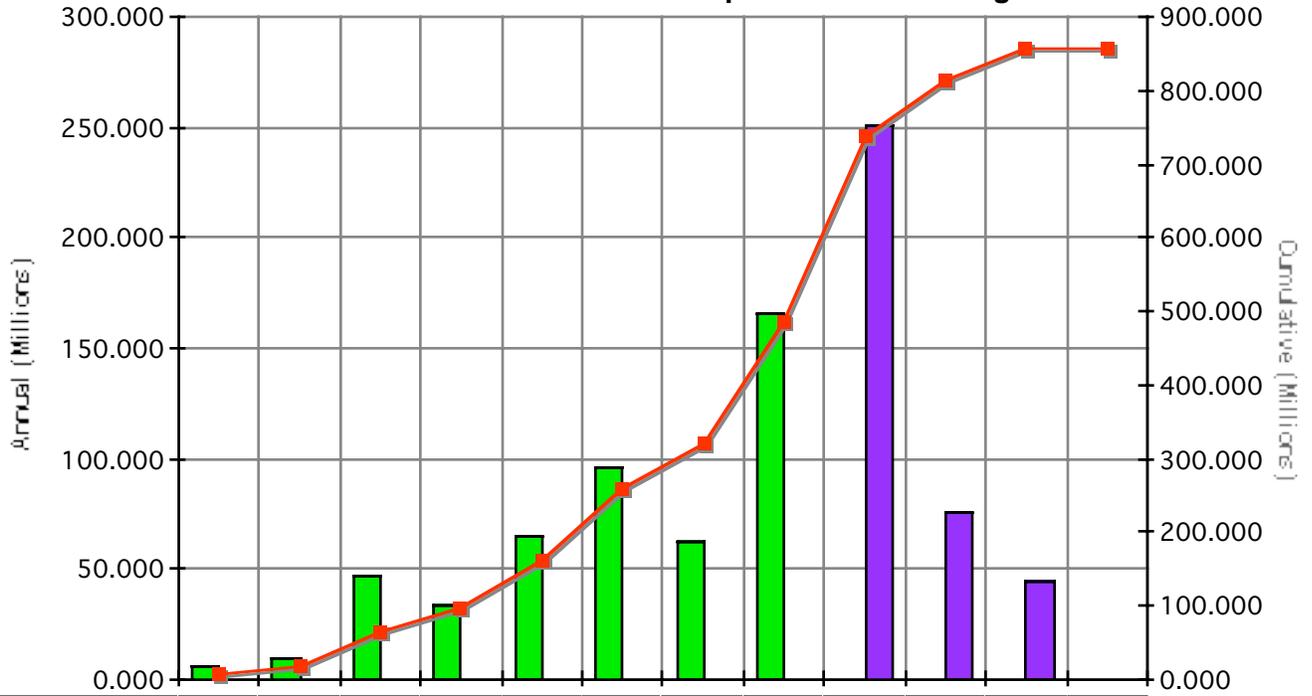
Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Brightwater Treatment Plant Solids / Odor Control Facilities	\$166,459,000	\$0	\$166,459,000	\$153,773	0%	2	\$166,612,773	\$22,970,572	10	14%
Engineering Services for Brightwater Treatment Plant	\$9,719,364	\$51,086,355	\$60,805,719	\$16,756,480	28%	39	\$77,562,199	\$65,113,042	424	84%
RWSP Program Management Services Development	\$8,205,521	\$0	\$8,205,521	\$1,245,617	15%	4	\$9,451,138	\$9,451,138	48	100%
North Treatment Facilities Site Selection	\$4,617,000	\$0	\$4,617,000	\$7,629,920	165%	12	\$12,246,920	\$12,001,214	71	98%
Architectural, Landscape Arch & Interior Design Svcs/Brightwater	\$4,401,280	\$0	\$4,401,280	\$39,338	1%	2	\$4,440,618	\$4,363,046	21	98%
Brightwater Legal Services	\$3,500,000	\$0	\$3,500,000	\$0	0%		\$3,500,000	\$271,109	21	8%
Agreement/Brightwater legal Svcs										
NTF Marine Outfall Siting Study	\$1,534,999	\$0	\$1,534,999	\$1,518,159	99%	4	\$3,053,159	\$3,053,159	53	100%
P93009P										
Construction Management Services for the Treatment Plant	\$1,497,206	\$12,730,520	\$14,227,726	\$298,711	2%	6	\$14,526,437	\$5,813,583	80299826	40%
GCCM Contract for Brightwater	\$1,424,428	\$305,141,553	\$306,565,981	\$18,717,933	6%	44	\$325,283,914	\$129,429,166	131	40%
C38138C										
NTF Legal Services	\$1,150,000	\$2,150,000	\$3,300,000	\$0	0%	4	\$3,300,000	\$2,930,867	63	89%
T01129T										
NTF Legal Services	\$1,150,000	\$2,864,700	\$4,014,700	\$0	0%	6	\$4,014,700	\$3,793,251	75	94%
T01130T										
Engrg & Design Svcs to Construct Electrical Infrastructure	\$157,500	\$0	\$157,500	\$388,700	247%		\$546,200	\$480,766	17	88%
Agreement 299593										

Annual Cash Flow



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget

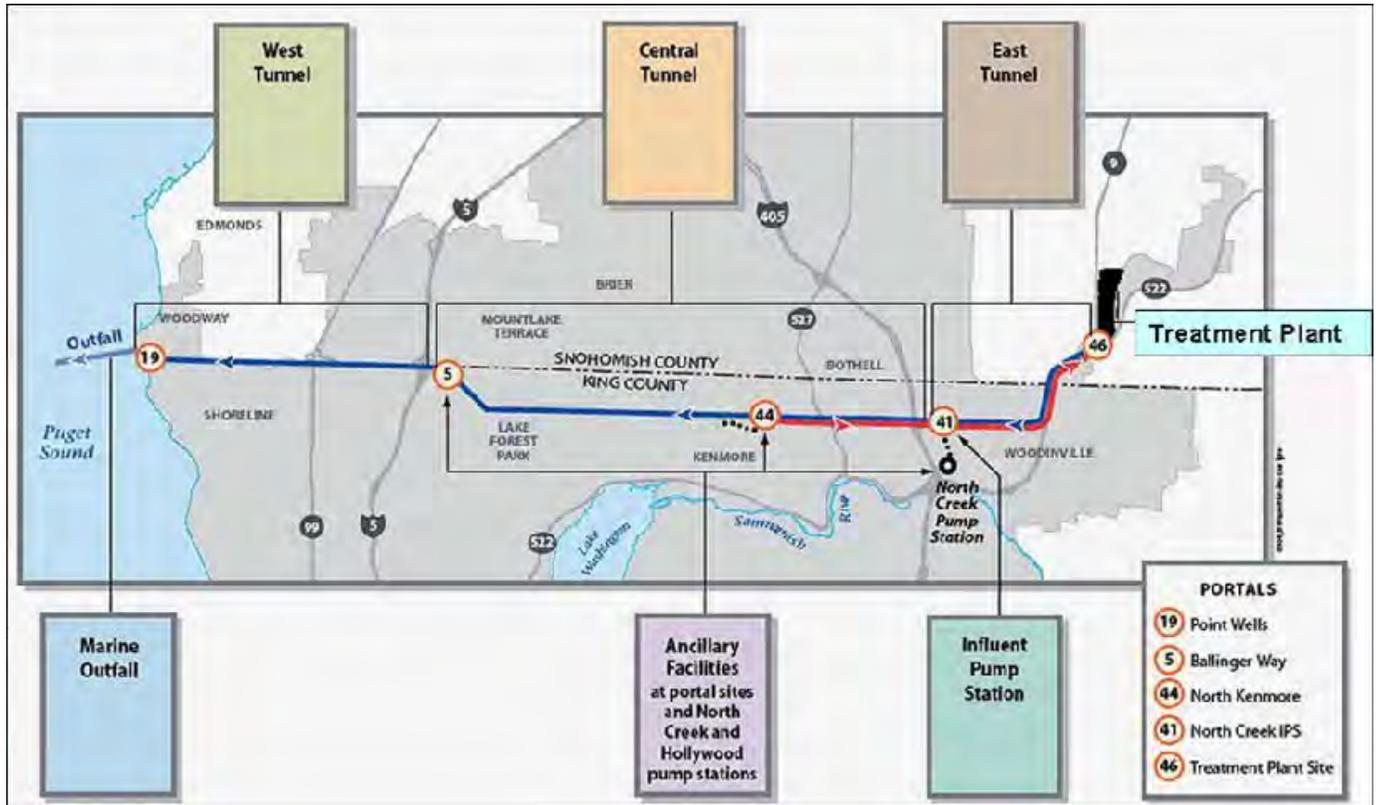


	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Pre-01 Act 2.615												
Actual Dec-08	5.441	9.675	46.92	33.54	64.34	95.68	62.75	165.6				
Budget									251.1	75.96	44.75	0.000
CumAct+Bdgt	8.055	17.73	64.65	98.19	162.5	258.2	320.9	486.5	737.6	813.6	858.4	858.4

RWSP Project Report

DECEMBER 2008

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 2011. The conveyance system includes 13.9 miles of pipeline built in underground tunnels. Some portions of the tunnel will contain up to four pipes going to and from the treatment plant while other tunnel sections will contain only a single pipeline that will carry highly treated effluent to Puget Sound, which will be discharged through a new outfall located one mile offshore of Point Wells.

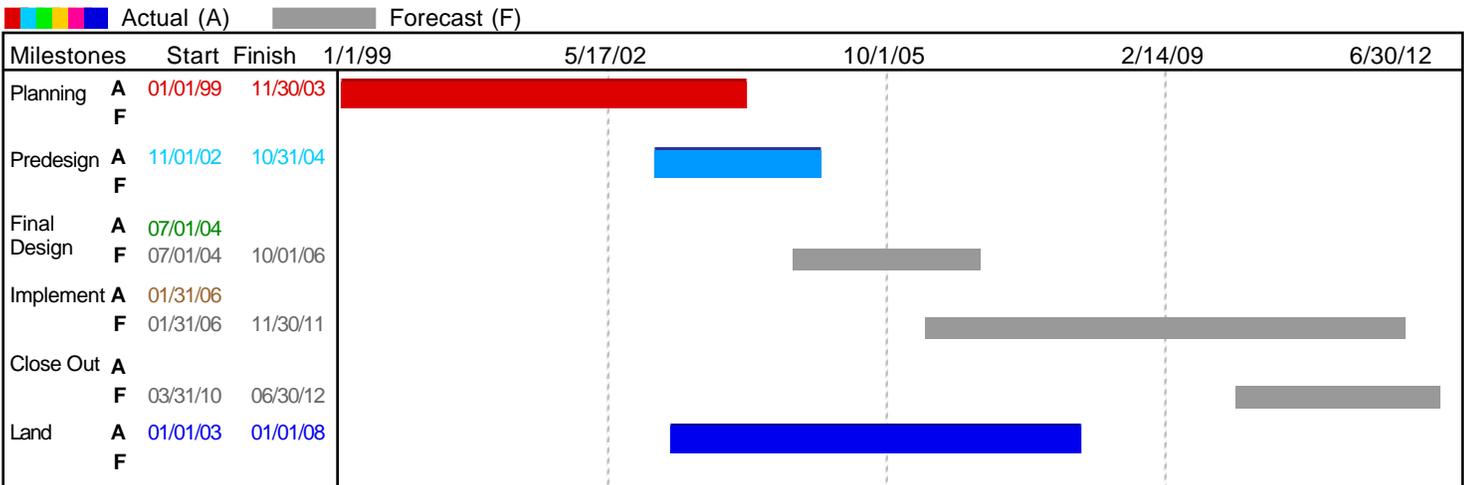
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Due to slower than planned tunnel construction on the Central Tunnel, the initiation of wastewater is now projected to be September 2011.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	180,213,682	180,405,778	192,911,738	364,892,825	713,354,996	723,478,824
Construction Contracts	175,944,076	175,643,590	187,802,187	347,264,574	690,391,721	699,506,001
Owner Furnished Equipment	301,331	0	358,528	389,330	87,999	695,672
Outside Agency Construction	414,759	1,183,479	1,183,479	2,864,206	5,056,347	5,999,885
Other Capital Charges	3,553,516	3,578,709	3,567,544	14,374,715	17,818,930	17,277,266
NON-CONSTRUCTION	24,017,273	19,498,108	21,489,137	168,418,472	196,062,640	197,243,280
Engineering	5,470,809	2,872,477	5,711,096	72,792,491	70,005,067	76,834,883
Planning & Management Svcs.	12,582,969	10,498,200	8,875,571	40,325,359	57,595,909	53,820,097
Permitting & Other Agency Support	-649,063	2,150,643	2,250,643	1,020,695	13,304,695	6,071,042
Right-of-Way	3,122,494	0	1,000,000	25,939,916	18,933,999	23,817,422
Misc. Services & Materials	65,238	540,095	455,289	3,997,488	5,261,277	5,467,728
Staff Labor	3,424,825	3,436,694	3,196,539	24,342,524	30,961,693	31,232,108
PROJECT RESERVE		0	0	0	18,200,829	6,200,829
Project Reserve		0	0	0	18,200,829	6,200,829
CREDITS AND REVENUES	1,749	0	0	-4,666	-5,351	-6,415
Credits and Revenues	1,749	0	0	-4,666	-5,351	-6,415
Total \$	204,232,705	199,903,886	214,400,876	533,306,631	927,613,115	926,916,518

Cost/Budget Adjustments

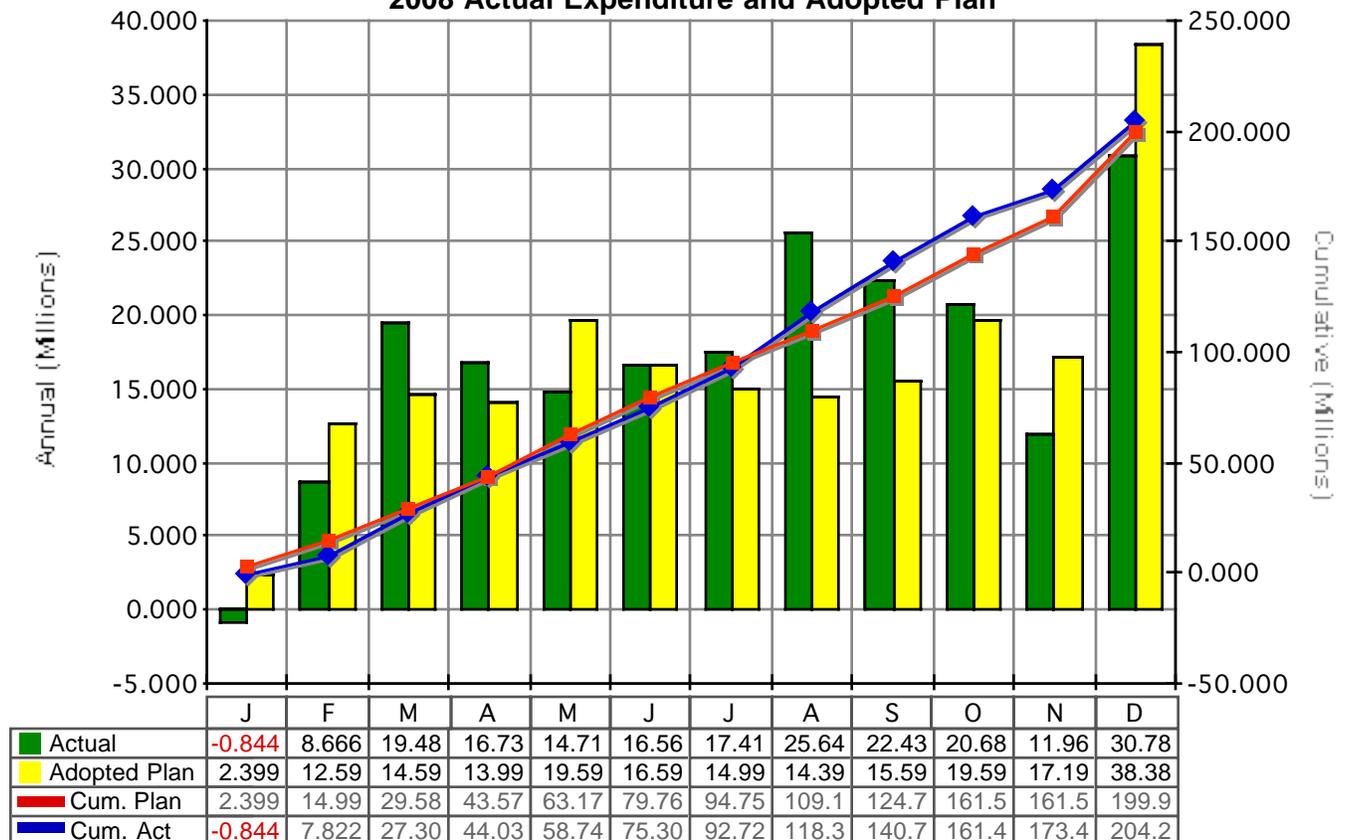
A detailed explanation of Brightwater cost changes is contained in the annual Brightwater Cost Update (Trend Report).

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	\$3,281,418	2%	11	\$214,357,476	\$122,006,800	38	57%
East Combined Tunnel C53060C	\$130,848,750	\$0	\$130,848,750	\$4,285,376	3%	13	\$135,134,126	\$105,107,572	44	78%
Brightwater Conveyance System - West Contract C00007C06	\$102,453,000	\$0	\$102,453,000	\$4,555,616	4%	6	\$107,008,616	\$54,514,172	20	51%
Brightwater Influent Pump Station C00002C06	\$91,860,000	\$0	\$91,860,000	\$70,944	0%	2	\$91,930,944	\$3,948,778	17	4%
Brightwater Conveyance Marine Outfall E58016E	\$27,599,800	\$0	\$27,599,800	\$2,132,777	8%		\$29,732,577	\$28,444,224	15	96%
CM Services for BW Conveyance P43020P	\$13,327,255	\$16,687,974	\$30,015,229	\$2,295,318	8%	4	\$32,310,547	\$21,799,483	45	67%
Geotechnical Services for the Brightwater Conveyance E23007E	\$11,474,386	\$10,386,010	\$21,860,396	\$368,876	2%	5	\$22,229,272	\$16,572,269	683	75%
Engineering Svcs for the Brightwater Conveyance Sys E23006E	\$11,217,376	\$0	\$11,217,376	\$0	0%	5	\$11,217,376	\$10,921,533	36	97%
Brightwater Conveyance E33015E/A	\$11,173,313	\$2,291,578	\$13,464,890	\$0	0%	1	\$13,464,890	\$12,734,402	53	95%
Brightwater Conveyance System North Creek Facilities C00063C06	\$10,180,000	\$0	\$10,180,000	\$133,012	1%	3	\$10,313,012	\$9,483,706	12	92%
Prof Svcs for Brightwater Conveyance Final Design E33015E/C	\$7,167,571	\$1,581,546	\$8,749,117	\$0	0%	1	\$8,749,117	\$7,510,196	53	86%
Prof Svcs for Brightwater Conveyance Final Design E33015E/B	\$5,672,837	\$1,234,040	\$6,906,877	\$0	0%	1	\$6,906,877	\$5,076,827	53	74%

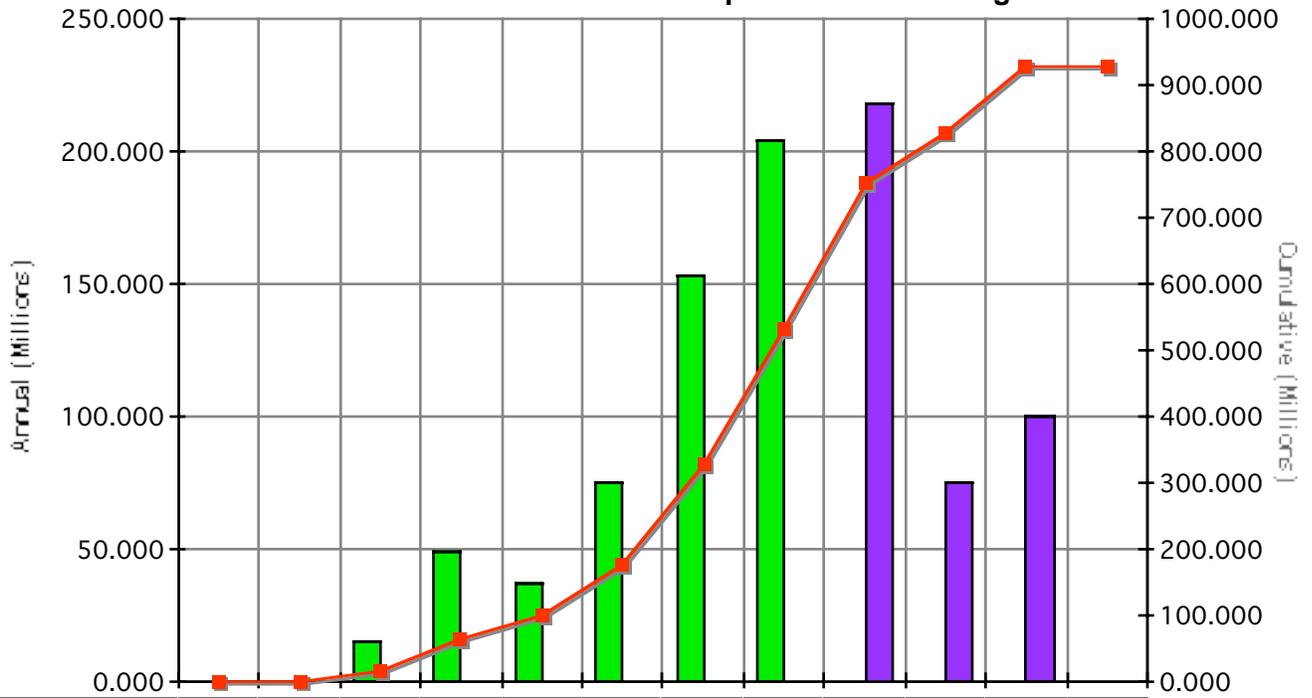
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Pre-01 Act 0.000												
Actual Dec-08			14.90	49.22	36.97	74.65	153.3	204.2				
Budget									217.7	75.43	99.97	0.000
CumAct+Bdgt	0.000	0.000	14.90	64.13	101.1	175.7	329.0	533.3	751.0	826.4	926.4	926.4

RWSP Project Report

DECEMBER 2008

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 will provide up to 7 million gallons per day of reclaimed water to the Sammamish Valley area by gravity flow.

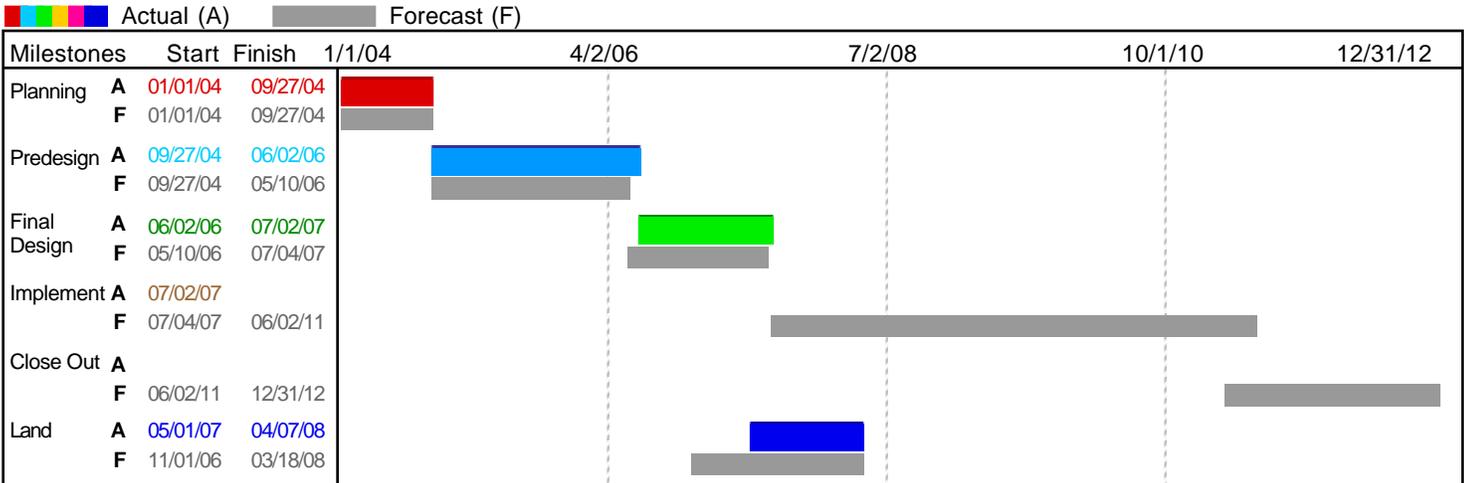
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	4,329,120	3,533,086	4,623,453	5,403,561	13,967,002	14,174,586
Construction Contracts	4,329,120	3,533,086	4,623,453	5,392,889	13,880,602	13,921,143
Owner Furnished Equipment	0		0	10,413		10,413
Other Capital Charges	0	0	0	259	86,400	243,030
NON-CONSTRUCTION	1,465,949	1,667,122	1,678,379	4,482,534	8,318,521	8,145,718
Engineering	678,247	900,045	782,335	2,579,992	3,830,097	3,705,389
Planning & Management Svcs.	58,178	51,500	180,495	58,178	310,693	918,902
Permitting & Other Agency Support	17,273	36,050	35,000	58,564	128,182	97,200
Right-of-Way	10,935	103,000	131,110	23,635	289,522	318,797
Misc. Services & Materials	74,708	35,665	34,627	131,896	188,331	177,293
Staff Labor	626,608	540,861	514,813	1,630,268	3,571,696	2,928,137
PROJECT RESERVE		0	0	0	4,730,517	4,593,499
Project Reserve		0	0	0	4,730,517	4,593,499
Total \$	5,795,068	5,200,208	6,301,832	9,886,095	27,016,040	26,913,803

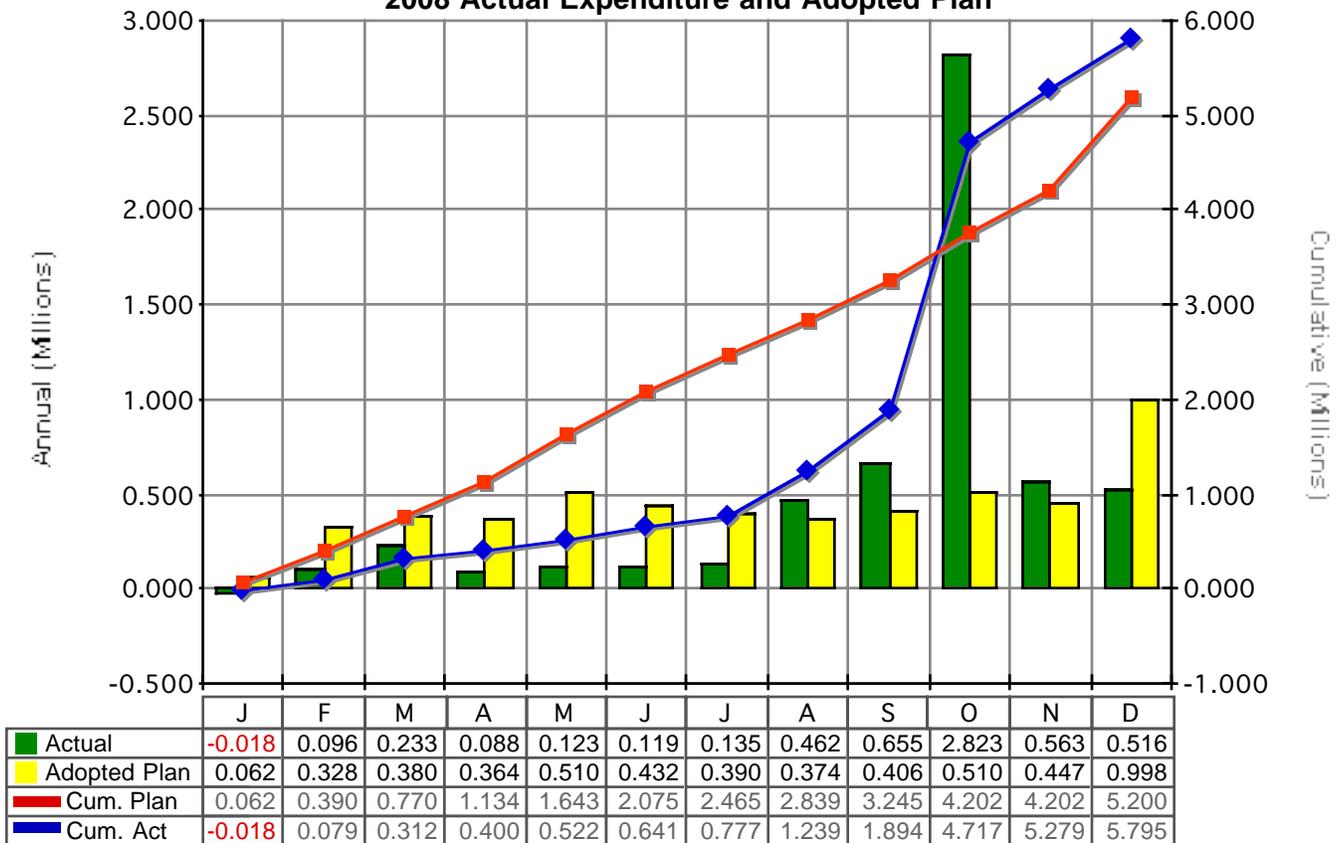
Cost/Budget Adjustments

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 System Section 2	\$6,647,320	\$0	\$6,647,320	\$0	0%		\$6,647,320	\$2,302,735	2	35%
Brightwater Reclaimed Water Conveyance Facility	\$1,918,771	\$2,670,893	\$4,589,664	\$268,607	6%	6	\$4,858,270	\$3,433,716	211	71%

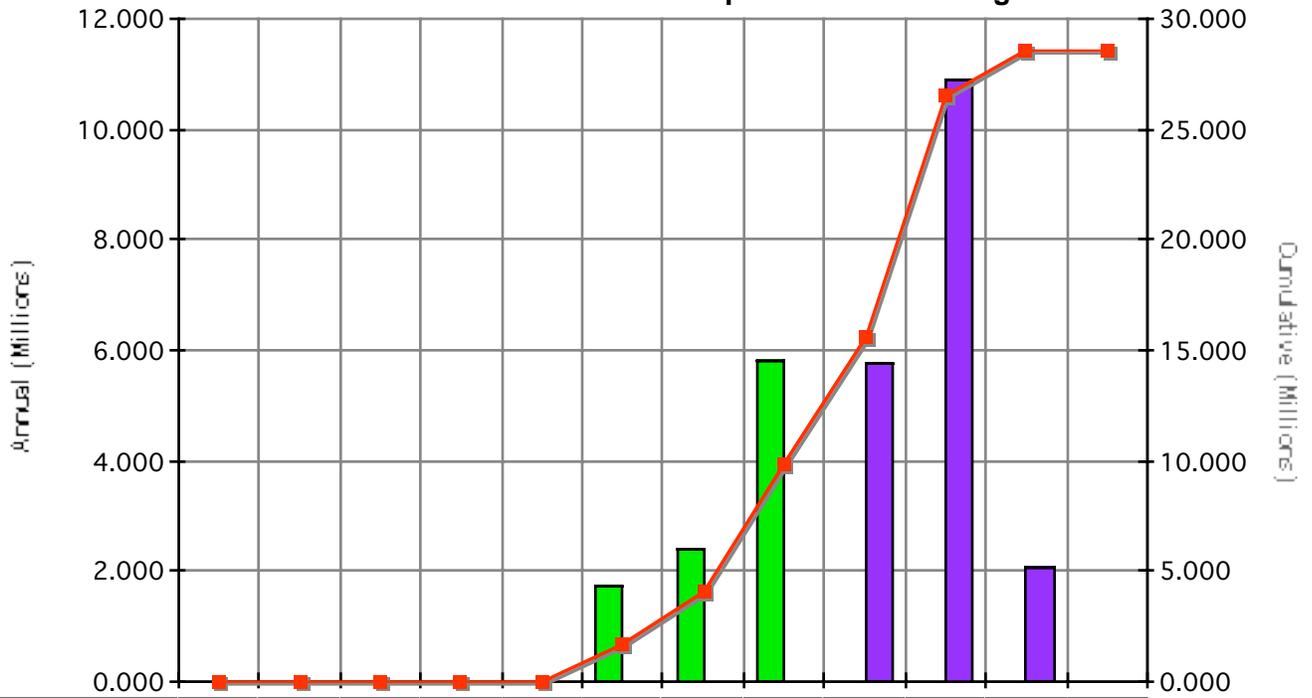
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Pre-01 Act	0.000											
Actual Dec-08						1.705	2.386	5.795				
Budget									5.766	10.87	2.046	0.000
CumAct+Bdgt	0.000	0.000	0.000	0.000	0.000	1.705	4.091	9.886	15.65	26.52	28.57	28.57

RWSP Project Report

DECEMBER 2008

423557 Carnation Treatment Plant



Project Description

The City of Carnation replaced its on-site septic systems with a centralized wastewater treatment and collection system to protect public health and the environment, achieve the city's comprehensive plan goals, and maintain and enhance community livability. The city was responsible for the design, construction, and operation of the local wastewater collection system. The county was responsible for the design, construction, and operation of the treatment plant, which is a 0.4 million gallons per day membrane bioreactor treatment plant. The treatment plant produces Class A reclaimed water that will be used to enhance existing wetlands at the Chinook Bend Natural Area. The treatment plant began operating in spring 2008.

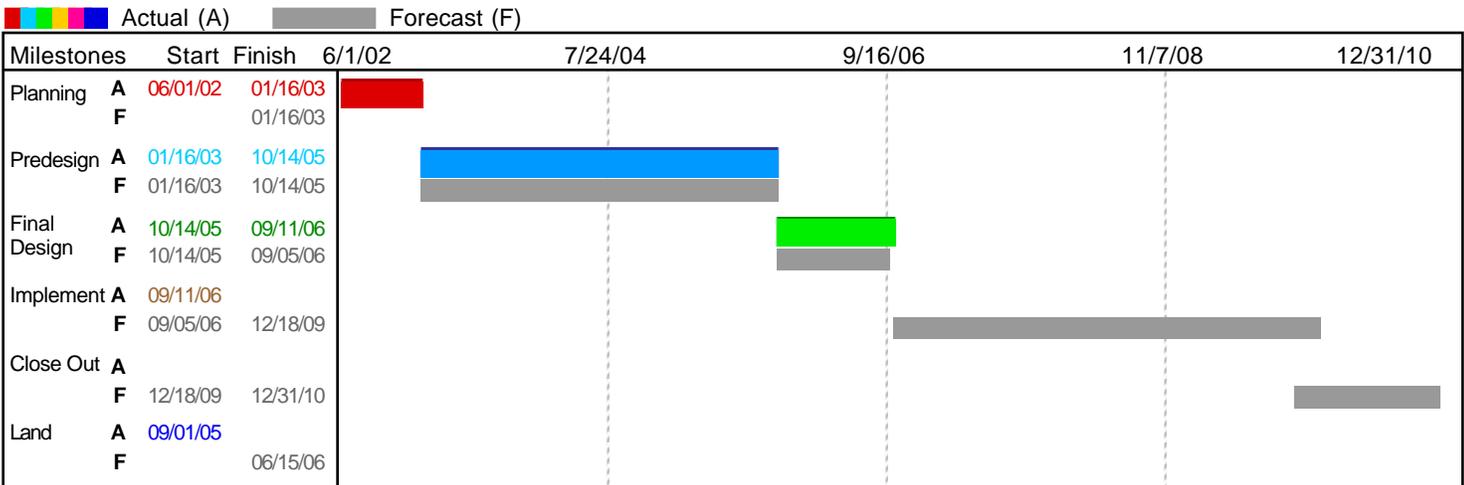
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	3,079,773	2,181,719	4,476,721	13,472,032	12,961,045	14,868,980
Construction Contracts	2,869,173	2,181,719	4,426,721	13,247,307	12,242,645	14,804,855
Owner Furnished Equipment	0	0	0	14,125	718,400	14,125
Outside Agency Construction	210,600	0	0	210,600	0	0
Other Capital Charges			50,000	0		50,000
NON-CONSTRUCTION	79,118	208,569	-64,479	7,389,400	6,689,950	7,260,620
Engineering	-849,460	94,737	-706,000	3,497,720	3,859,097	3,641,180
Planning & Management Svcs.	135,596	108,150	100,000	345,796	711,162	310,199
Permitting & Other Agency Support	2,986	0	20,000	192,522	211,619	209,536
Right-of-Way	0	0	0	402,863	464,602	402,863
Misc. Services & Materials	135,367	3,562	7,458	331,143	122,024	204,264
Staff Labor	654,627	2,120	514,063	2,619,356	1,321,446	2,492,578
PROJECT RESERVE			40,000	0		50,300
Project Reserve			40,000	0		50,300
Total \$	3,158,891	2,390,288	4,452,243	20,861,432	19,650,995	22,179,900

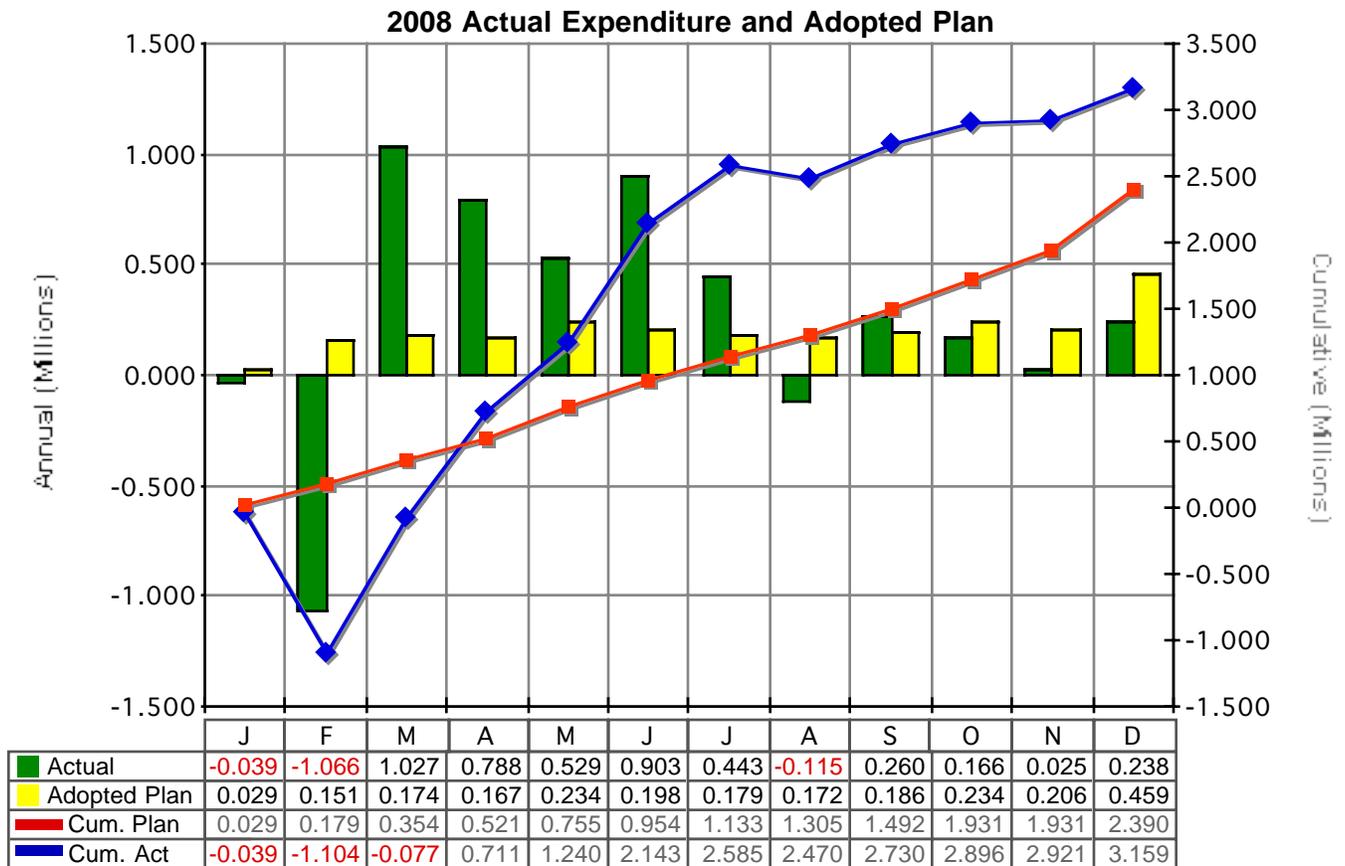
Cost/Budget Adjustments

The change in lifetime budget results from extending the project schedule to accommodate weather-related delays and equipment delivery delays and the need for minor engineering and construction improvements, which resulted in the need for additional project management and project control services.

Contract Status

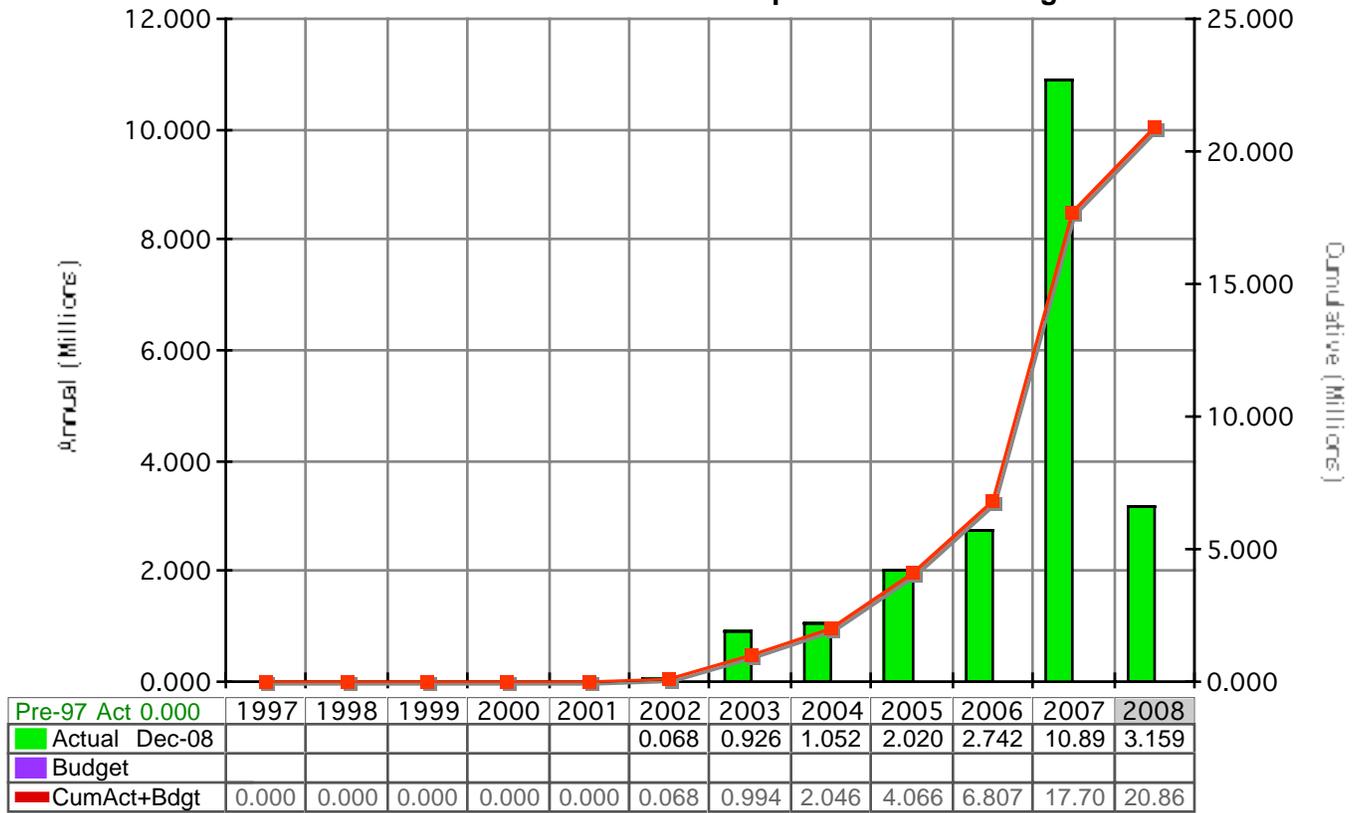
Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Carnation Wastewater Treatment Facility	\$11,794,500	\$995,500	\$12,790,000	\$530,571	4%	14	\$13,320,571	\$13,188,081	25	99%
Carnation Treatment Facility	\$629,804	\$3,414,299	\$4,044,103	\$309,337	8%	6	\$4,363,440	\$4,275,997	70	98%
Carnation WWTP Construction Management Services	\$610,919	\$0	\$610,919	\$0	0%		\$610,919	\$606,221	20	99%
Professional Archaeological Services	\$100,000	\$0	\$100,000	\$0	0%		\$100,000	\$67,566	23	68%

Annual Cash Flow



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423611 Chinook Wetlands Enhancement



Project Description

This project will direct and discharge Class A reclaimed water produced by the Carnation Treatment Plant to the Chinook Bend Wetlands. This project is being done in collaboration with Ducks Unlimited. It includes the additional piping needed to bring reclaimed water to the wetland and improvements at the Carnation plant, such as additional ultraviolet disinfection equipment, to meet the reclaimed water requirements for a wetland discharge.

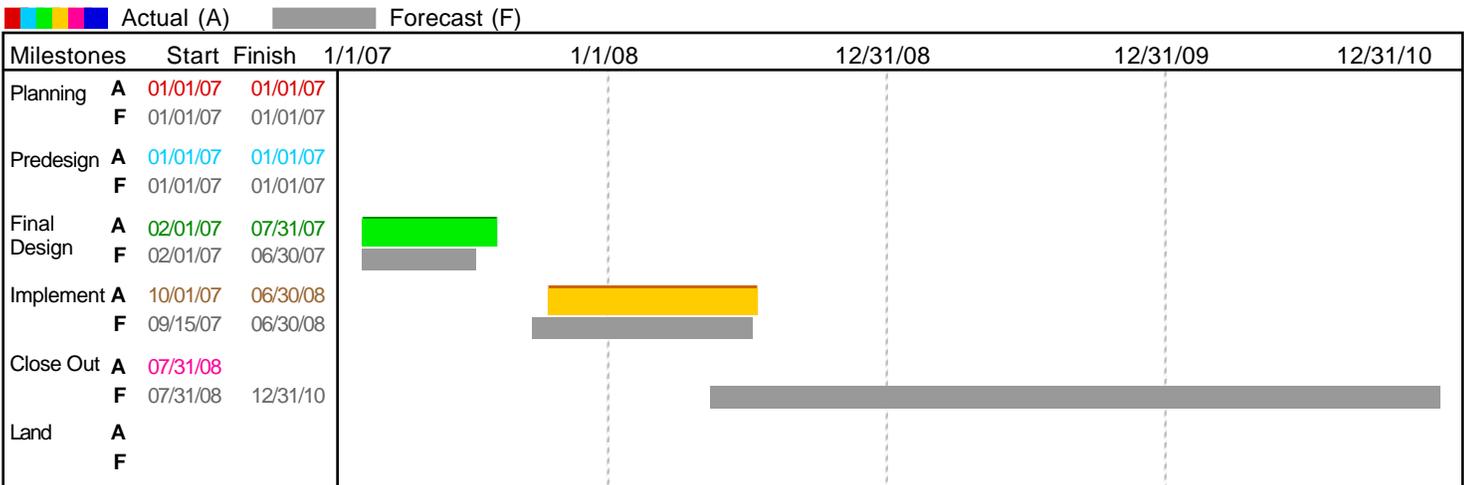
Project Phase: Complete



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	1,139,355	8,755	559,450	1,405,650	828,068	825,744
Construction Contracts	1,139,355	8,755	559,450	1,405,650	828,068	825,744
NON-CONSTRUCTION	1,229,386	110,068	1,430,643	1,963,667	2,217,992	2,164,924
Engineering	1,151,970	1,889	1,140,000	1,265,207	1,207,000	1,253,237
Planning & Management Svcs.	7,515	0	70,000	7,725	34,300	70,210
Permitting & Other Agency Support	3,088	7,357	100,000	115,222	50,214	212,134
Misc. Services & Materials	1,220	0	0	34,719	11,941	33,500
Staff Labor	65,594	100,822	120,643	540,794	914,537	595,843
Total \$	2,368,742	118,823	1,990,093	3,369,317	3,046,060	2,990,668

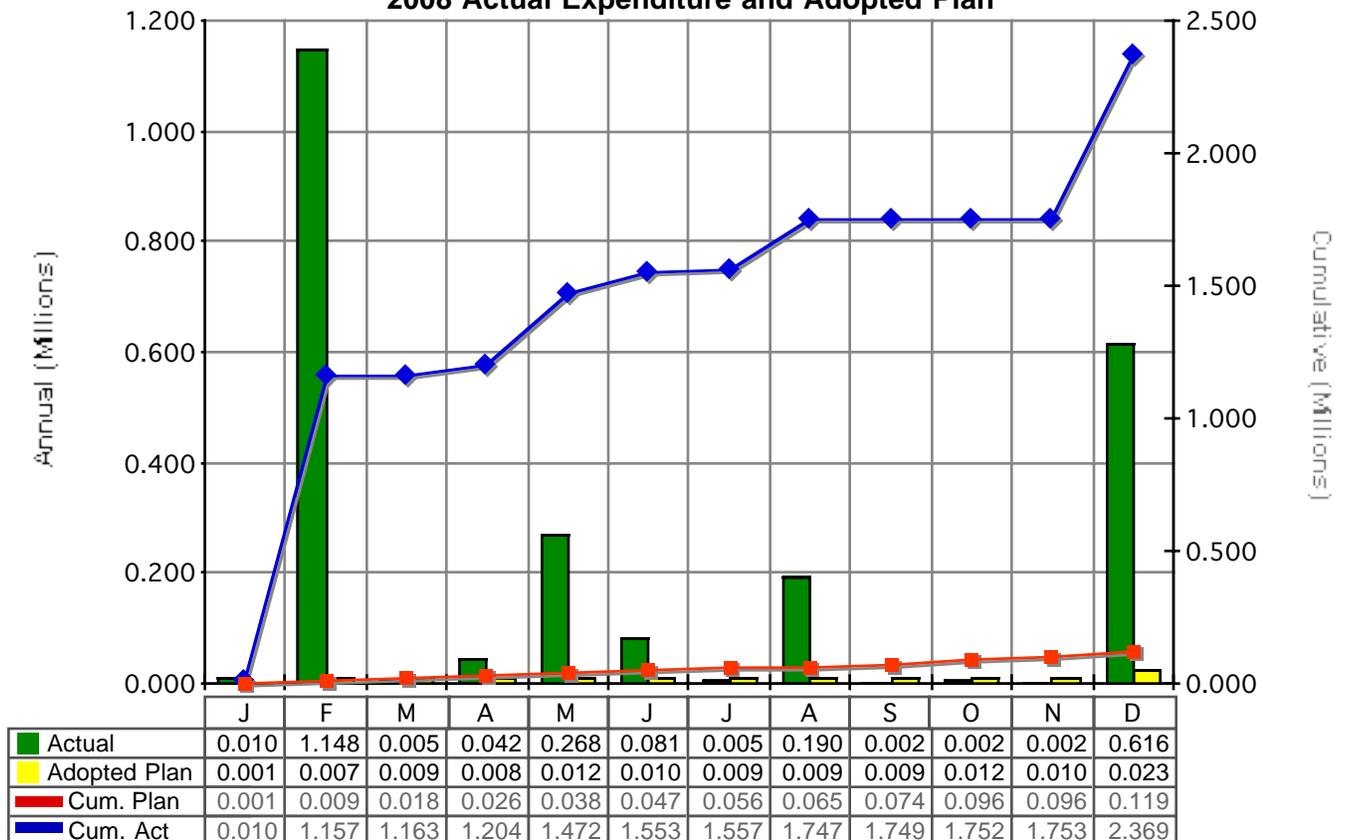
Cost/Budget Adjustments

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
Camation Wastewater Treatment Facility C00036C06	\$11,794,500	\$995,500	\$12,790,000	\$530,571	4%	14	\$13,320,571	\$13,188,081	25	99%
Camation Treatment Facility E23020E	\$629,804	\$3,414,299	\$4,044,103	\$309,337	8%	6	\$4,353,440	\$4,275,997	70	98%

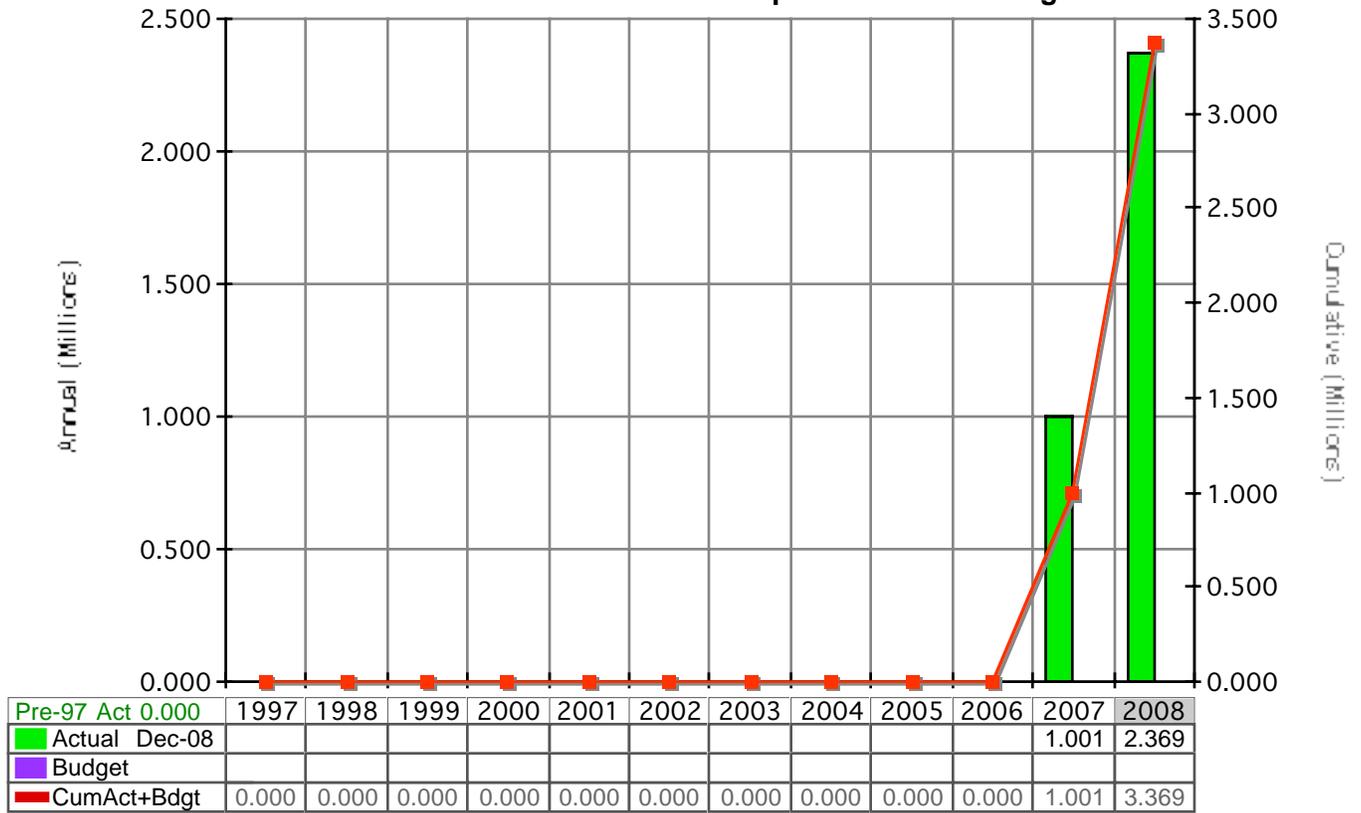
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423584 West Point Odor Improvements



Project Description

This project will reduce odor emissions by modifying the scrubber sump chemical storage, feed and regulation system to allow injection of sodium hypochlorite. The diversion channel has also been covered and its foul air is now treated in the scrubber system.

This project was substantially complete in 2007. Efforts in 2008 focused on evaluating these odor control improvements.

Project Phase: Complete



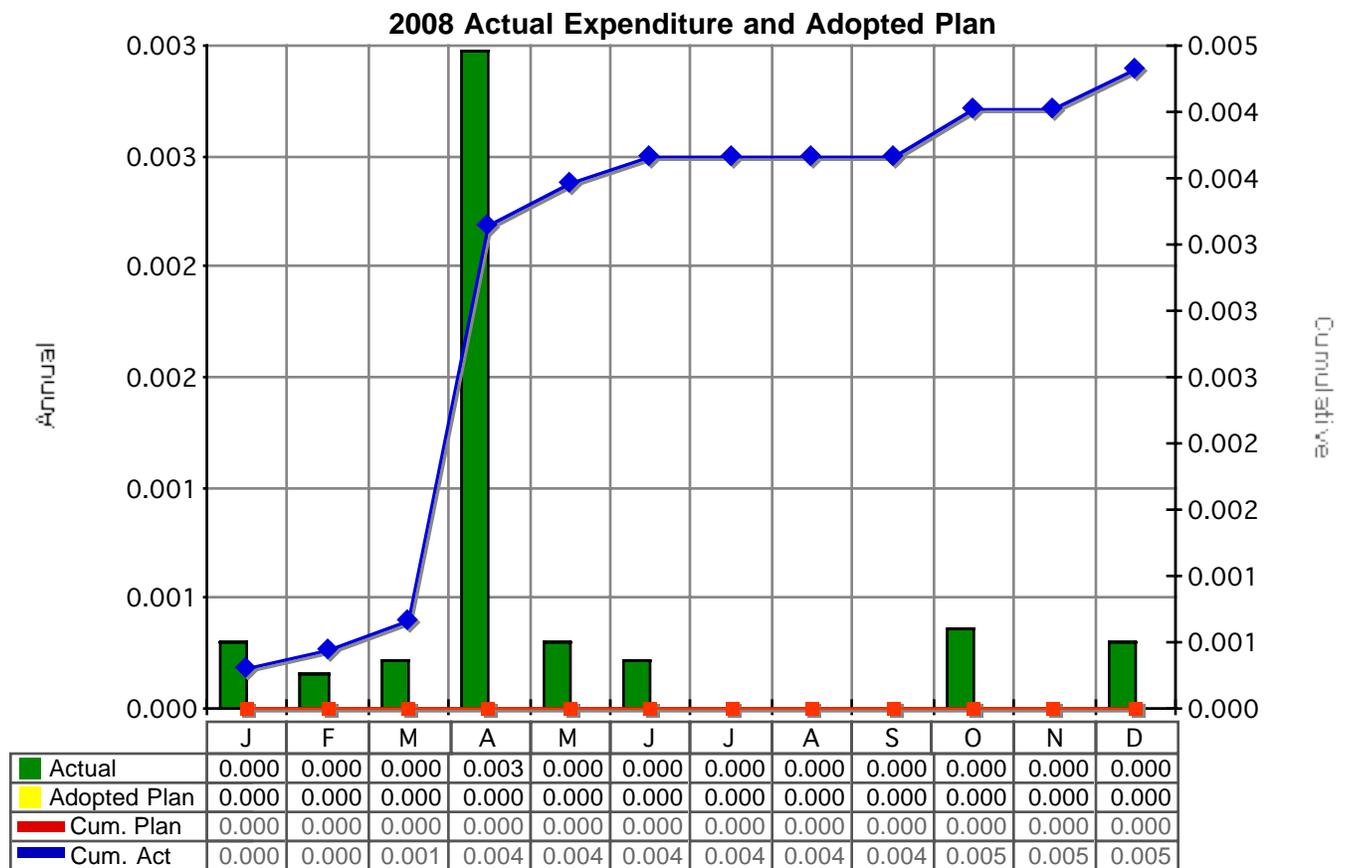
King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Contract Status

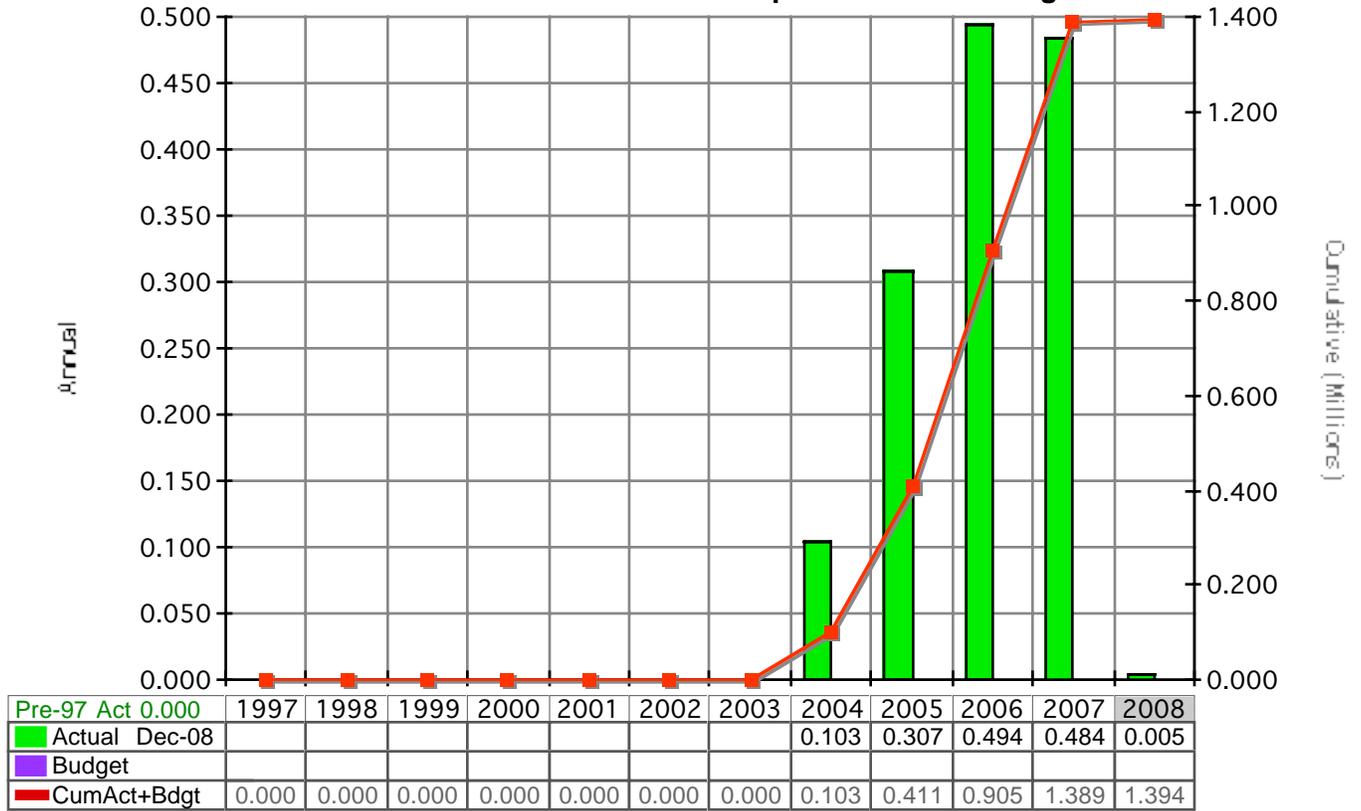
Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
WPTP Odor Improvements C00024C06	\$765,340	\$0	\$765,340	-\$59,459	-8%	2	\$705,881	\$705,881	5	100%
West Point Odor Improvements E43012E	\$73,614	\$251,889	\$325,503	\$35,722	11%	2	\$361,225	\$357,087	30	99%

Annual Cash Flow



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423585 South Plant Odor Improvements



Project Description

This project installed covers on the first pass of each aeration basin and the return activated sludge channel. The foul air from those sources were ducted to a new chemical scrubber for treatment prior to discharge to the atmosphere. These improvements were substantially complete by the end of 2007; efforts in 2008 focused on evaluating these improvements.

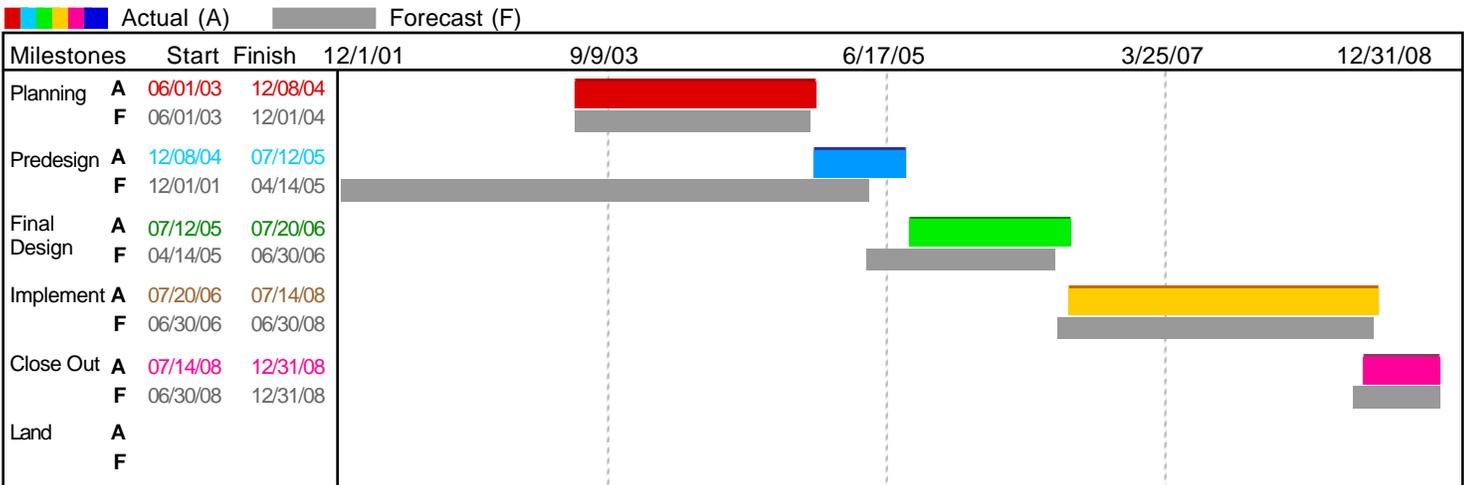
Project Phase: Complete



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	338,077	740,933	499,600	5,881,281	5,686,097	6,042,804
Construction Contracts	338,077	740,933	499,600	5,835,255	5,640,072	5,996,778
Owner Furnished Equipment	0	0	0	46,026	46,026	46,026
NON-CONSTRUCTION	141,250	54,742	75,515	2,010,177	1,381,342	1,944,443
Engineering	24,057	0	40,000	730,806	595,360	746,749
Planning & Management Svcs.	5,119	0	0	5,741	356	622
Permitting & Other Agency Support	19	0	0	24,020	24,001	24,001
Misc. Services & Materials	12,762	0	0	181,069	144,311	168,306
Staff Labor	99,293	54,742	35,515	1,068,542	617,315	1,004,764
PROJECT RESERVE		0	0	0	16,390	0
Project Reserve		0	0	0	16,390	0
Total \$	479,327	795,675	575,115	7,891,458	7,083,830	7,987,246

Cost/Budget Adjustments

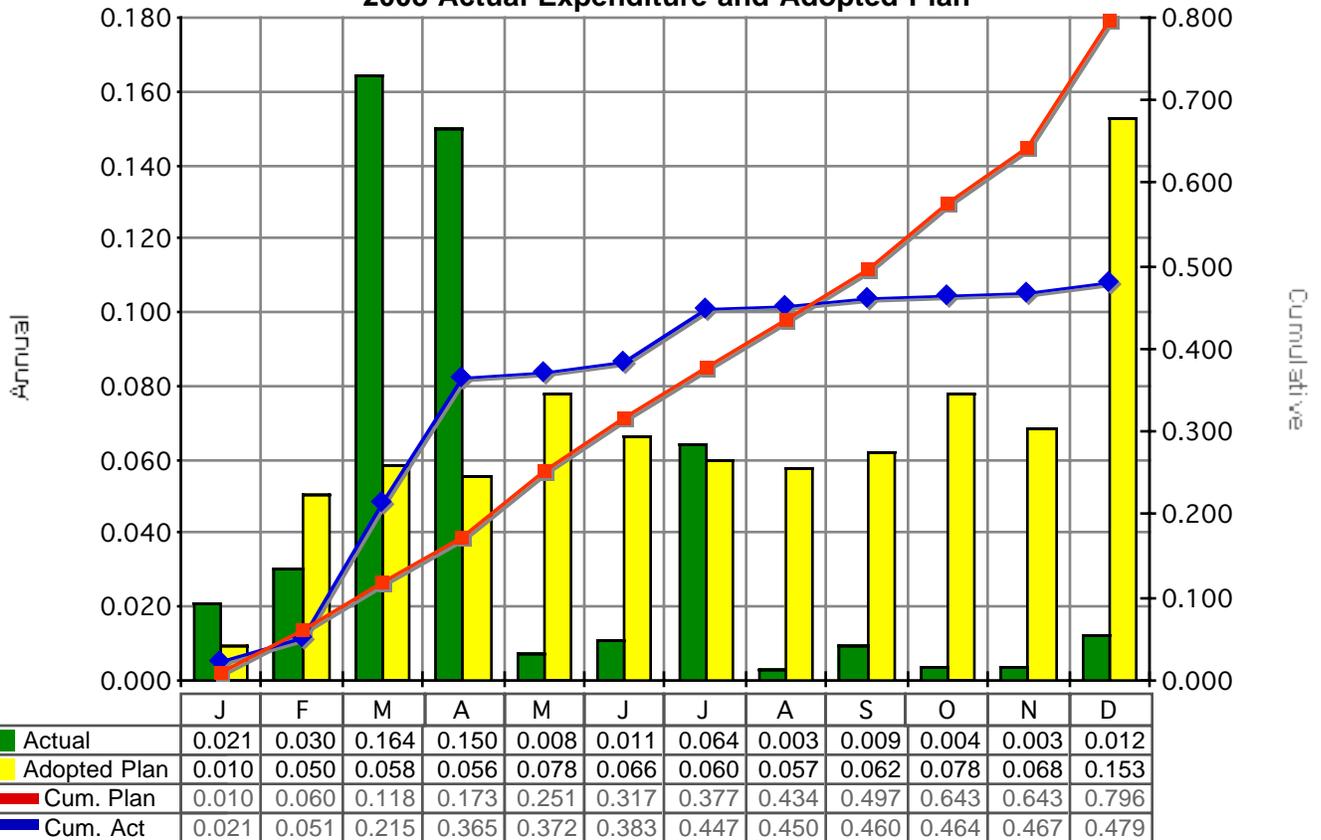
The adjustments in the lifetime budget reflects the costs associated with the additional structural work that was required to support the aeration basin covers.

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
South Plant Odor Control Improvements C00016C06	\$6,157,648	\$0	\$6,157,648	-\$539,232	-9%	5	\$5,618,416	\$5,618,416	18	100%
South Plant Odor Improvements E43016E	\$108,056	\$330,979	\$439,034	\$175,491	40%	5	\$614,525	\$601,494	40	98%

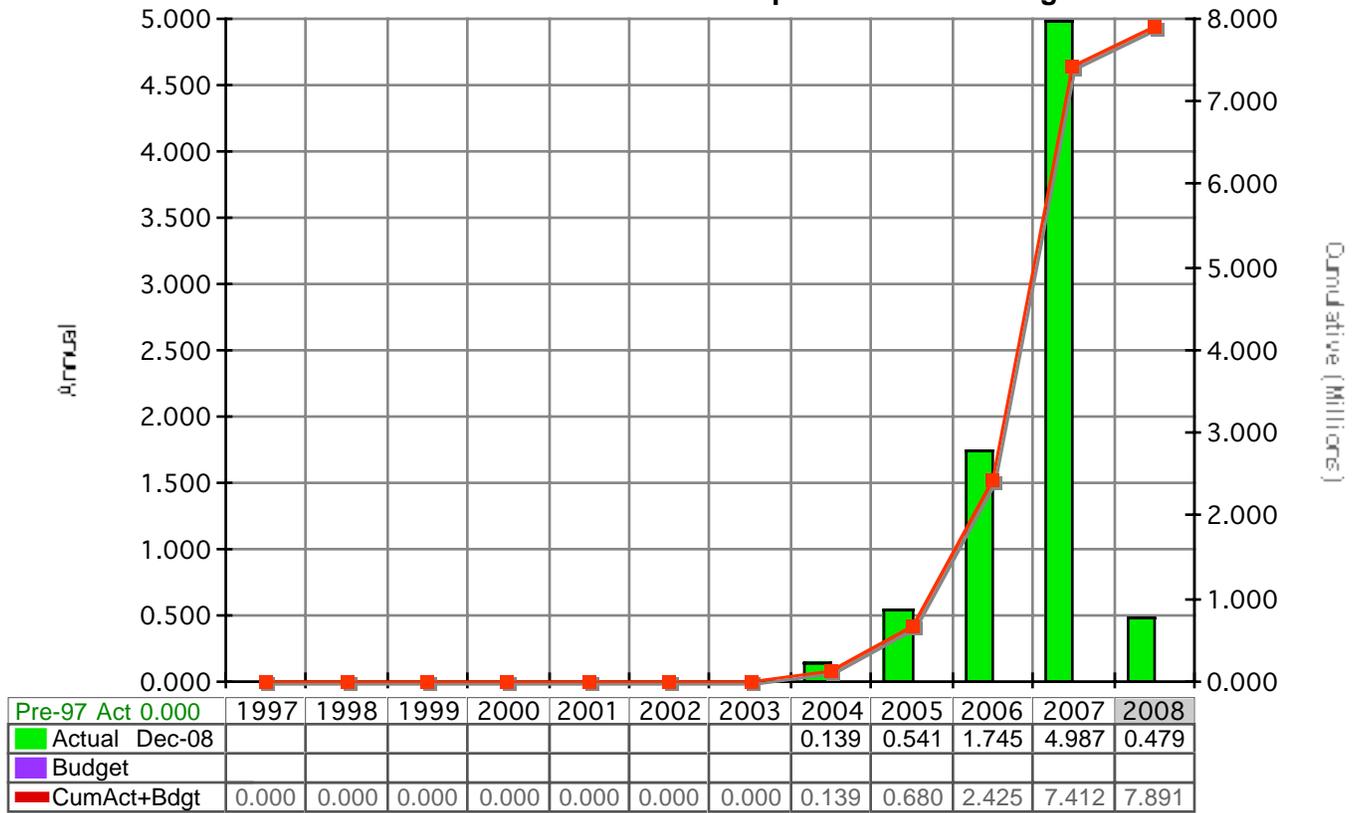
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423580 King Street Regulator Odor Control



Project Description

This project will reduce foul odors emanating from the Elliott Bay Interceptor (EBI) into the south Pioneer Square and stadium areas. As this is part of the old combined sewer system, there are many open connections to the EBI, such as surface drains, that allow a direct path for odors to escape during periods of high flows or slight pressurization in the EBI. This project will also help to reduce corrosion within the EBI by removing hydrogen sulfide.

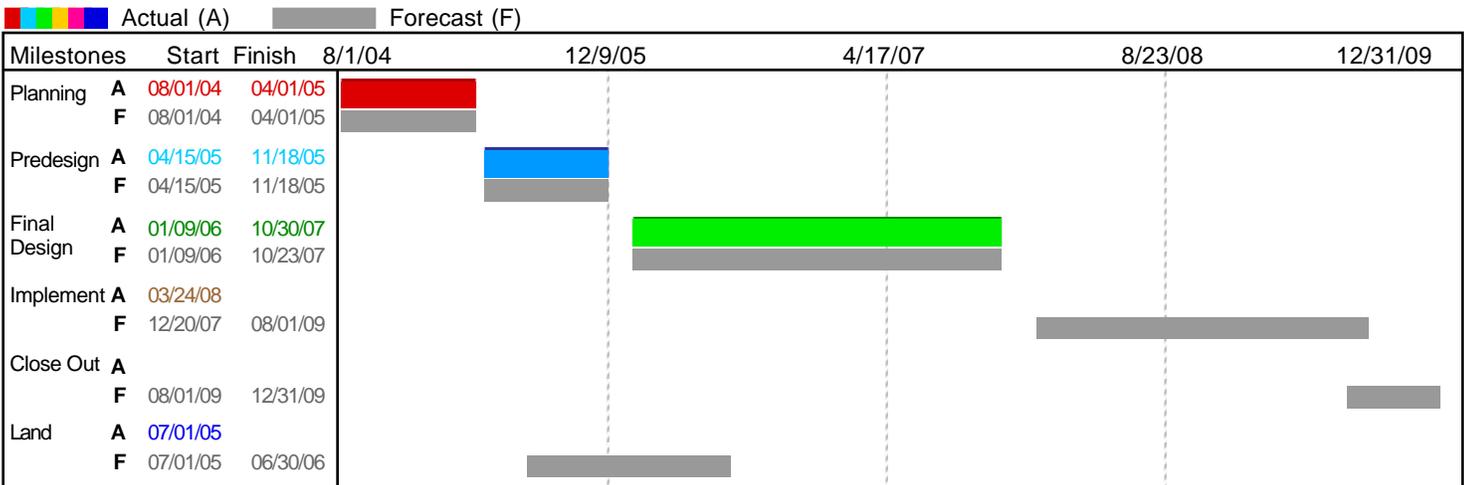
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	1,902,681	2,159,296	2,481,738	1,909,256	3,522,207	3,982,921
Construction Contracts	1,902,681	2,158,747	2,481,205	1,902,681	3,518,956	3,975,812
Owner Furnished Equipment	0	0	0	3,584	0	3,584
Other Capital Charges	0	549	533	2,992	3,251	3,525
NON-CONSTRUCTION	774,188	322,703	555,282	1,805,142	1,331,516	1,719,516
Engineering	6,954	5,150	200,927	33,541	276,279	252,309
Planning & Management Svcs.	171,325	54,388	21,980	783,422	368,892	634,077
Permitting & Other Agency Support	54,631	0	0	67,882	116	13,251
Right-of-Way	2,500	0	150,000	7,936	0	155,436
Misc. Services & Materials	83,654	1,717	1,667	104,398	10,045	22,410
Staff Labor	455,123	261,448	180,708	807,963	676,184	642,033
PROJECT RESERVE		185,400	0	0	185,400	103,000
Project Reserve		185,400	0	0	185,400	103,000
Total \$	2,676,869	2,667,400	3,037,021	3,714,398	5,039,123	5,805,437

Cost/Budget Adjustments

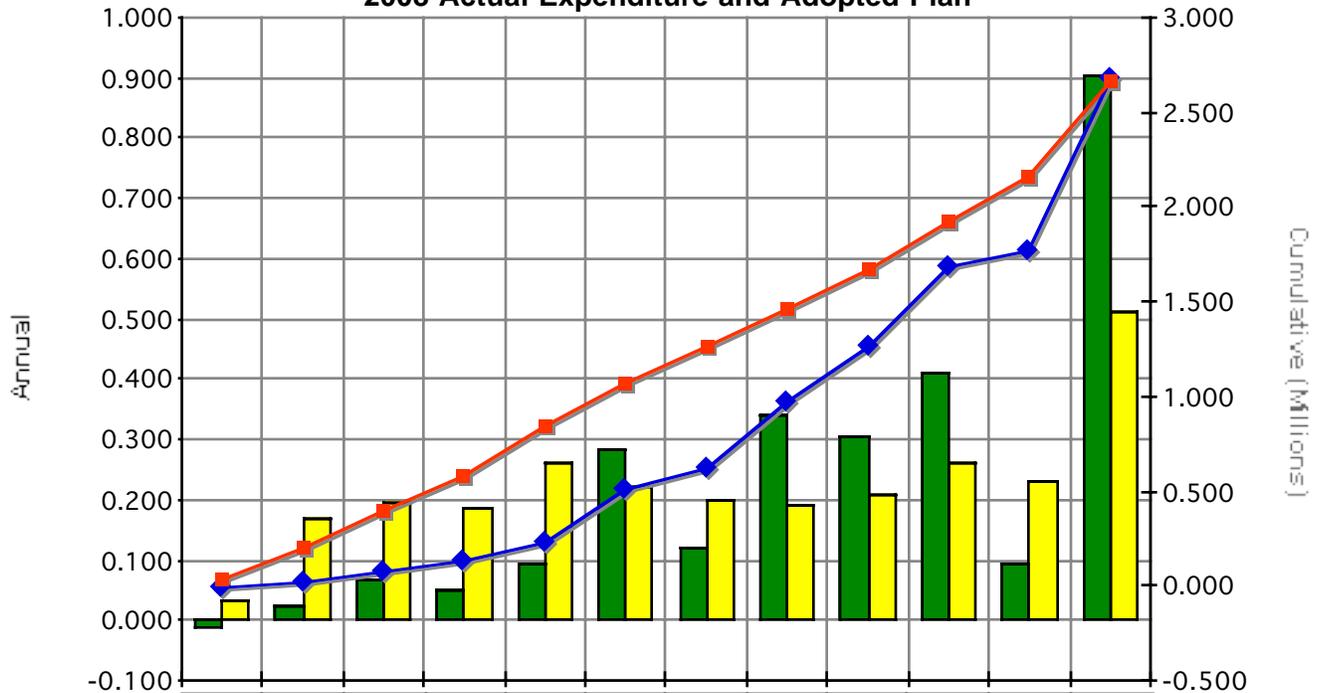
Change in the lifetime budget estimate reflects the following project changes: structure was changed to a buried facility; need for deep pile foundation; need to dispose of contaminated on-site soils and groundwater; and design of above-grade security enclosure to house electrical switch gear.

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
King Street Regulator Station and Conveyance System Odor E43024E	\$368,882	\$0	\$368,882	\$444,786	121%	6	\$813,678	\$620,532	25	76%

Annual Cash Flow

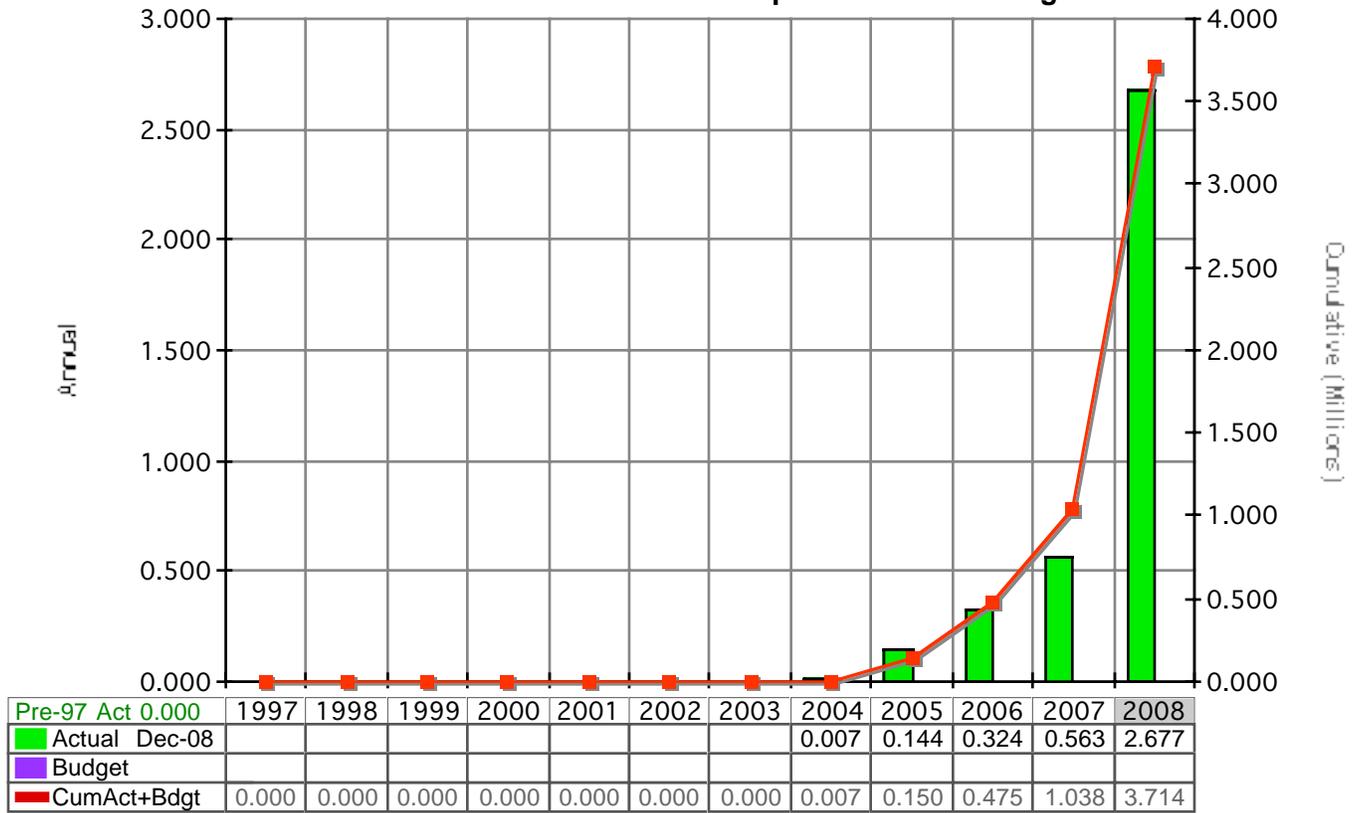
2008 Actual Expenditure and Adopted Plan



	J	F	M	A	M	J	J	A	S	O	N	D
Actual	-0.010	0.023	0.067	0.048	0.093	0.282	0.121	0.341	0.305	0.410	0.092	0.905
Adopted Plan	0.032	0.168	0.195	0.187	0.261	0.221	0.200	0.192	0.208	0.261	0.229	0.512
Cum. Plan	0.032	0.200	0.395	0.581	0.843	1.064	1.264	1.456	1.664	2.155	2.155	2.667
Cum. Act	-0.010	0.012	0.080	0.128	0.221	0.503	0.624	0.965	1.270	1.680	1.772	2.677

Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423521 Bellevue Pump Station



Project Description

This project will increase the Bellevue Pump Station's firm capacity to 11 million gallons per day and will improve the station's electrical and control systems. This work will be implemented through two construction contracts (Force Main and Pump Station) with all the design work performed under one consultant design contract. Under the force main contract, 5,300 feet of pipe will be installed. For a major portion of the pipe installation, a Horizontal Direction Drill method will be used. A small portion of the pipe will be installed in an open trench. Under the pump station contract, the existing pump station will be expanded and some demolition will occur. All the expansion will occur on King County property. As part of the project, existing equipment, including pumps, generator, electrical system, controls, odor control and chemical storage will be replaced.

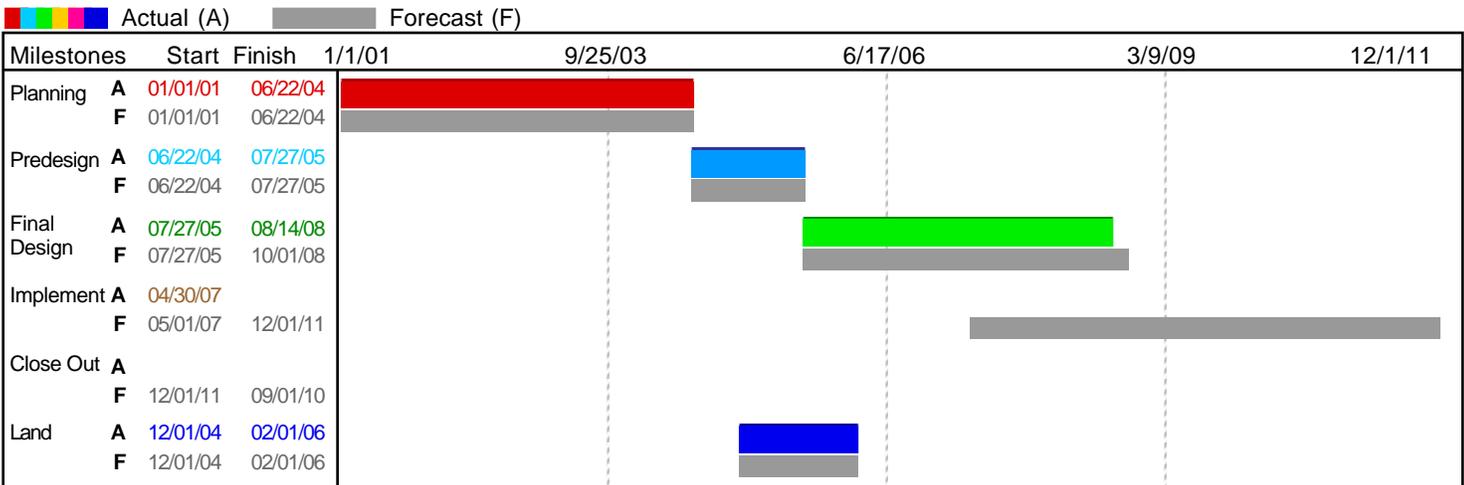
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	1,702,888	9,247,853	911,485	15,854,326	22,573,050	25,336,667
Construction Contracts	1,702,888	9,174,723	875,985	15,854,326	22,499,920	25,264,602
Outside Agency Construction		73,130	35,500	0	73,130	72,065
NON-CONSTRUCTION	1,048,538	1,352,086	375,181	7,341,217	8,259,243	8,374,739
Engineering	-58,852	549,500	40,750	4,524,208	5,262,946	5,223,810
Planning & Management Svcs.	302,268	315,867	69,667	351,566	783,517	385,964
Permitting & Other Agency Support	29,248	17,167	25,067	143,701	135,195	196,838
Right-of-Way	0	0	0	58,281	37,850	58,281
Misc. Services & Materials	121,963	36,050	28,692	243,934	132,078	171,262
Staff Labor	653,910	433,503	211,005	2,019,528	1,907,658	2,338,583
PROJECT RESERVE		0	0	0	725,125	752,889
Project Reserve		0	0	0	725,125	752,889
Total \$	2,751,426	10,599,939	1,286,665	23,195,543	31,557,418	34,464,294

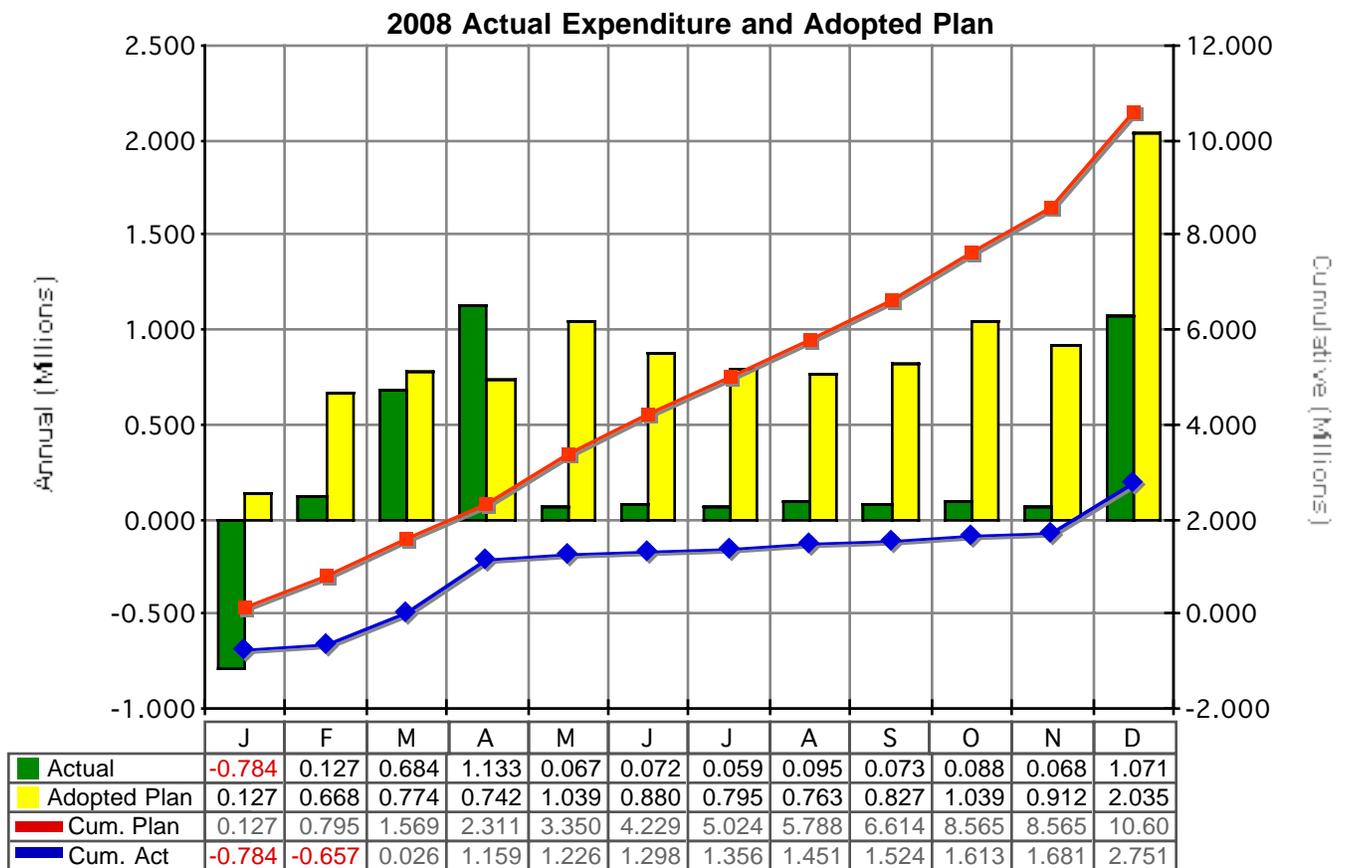
Cost/Budget Adjustments

The change in lifetime budget reflects updated construction costs based on the actual bid amount for the Bellevue Pump Station project; the earlier budget was prepared prior to receiving bids and awarding the contract and notice to proceed.

Contract Status

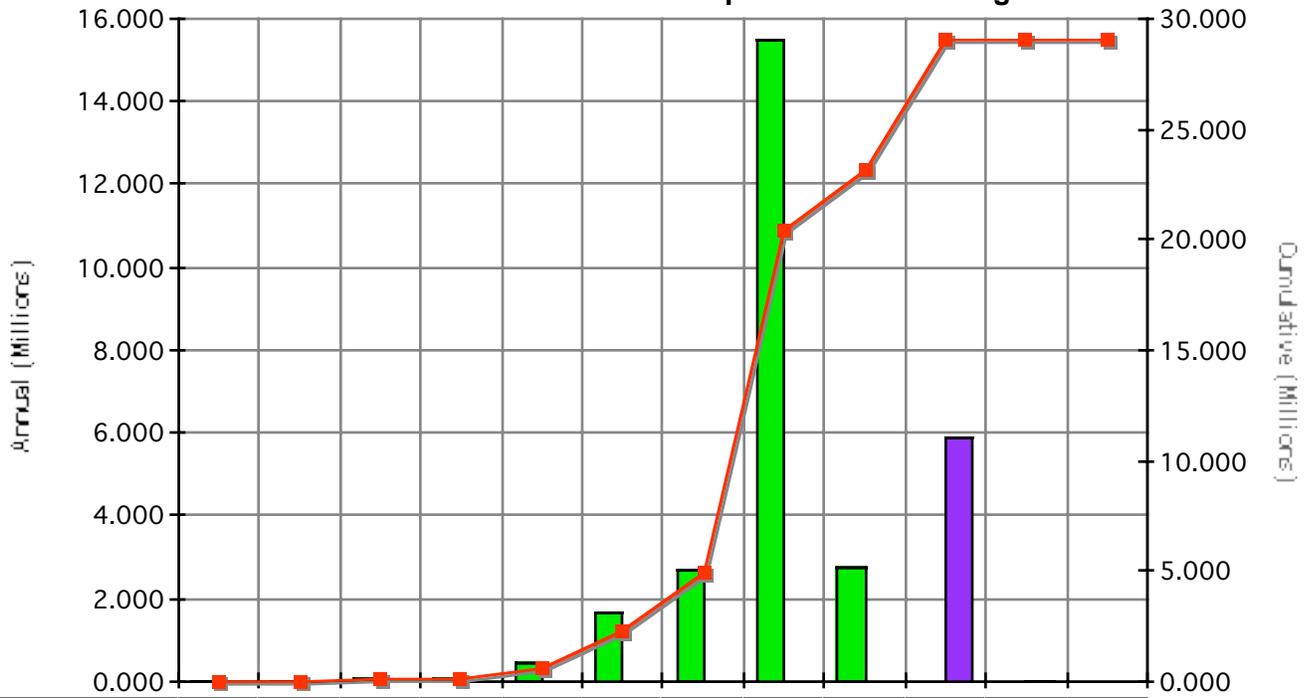
Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Bellevue Pump Station Upgrade- Force Main C00044C06	\$13,883,125	\$0	\$13,883,125	\$0	0%	1	\$13,883,125	\$13,883,125	7	100%
Bellevue Pump Station Upgrade- Pump Station C00334C08	\$8,605,000	\$0	\$8,605,000	\$0	0%		\$8,605,000	\$759,502	2	9%
Engineering Services for the Bellevue Pump Station E23015E	\$775,015	\$5,066,666	\$5,841,681	\$0	0%	8	\$5,841,681	\$4,333,832	66	74%
Construction management service for Bellevue Pump P00016P06	\$298,445	\$0	\$298,445	\$0	0%	1	\$298,445	\$34,183	3	11%

Annual Cash Flow



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



Pre-2000 Act	0.000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Actual Dec-08	0.006	0.014	0.068	0.072	0.472	1.656	2.658	15.49	2.751				
Budget											5.856	0.018	0.000
CumAct+Bdgt	0.006	0.021	0.088	0.161	0.632	2.288	4.946	20.44	23.19	29.05	29.07	29.07	

RWSP Project Report

DECEMBER 2008

423615 Black Diamond Storage Facility



Project Description

This project includes building an enclosed peak-flow equalization storage facility in the City of Black Diamond. The facility will store peak flows entering the pump station in Black Diamond and release them slowly over time to avoid overwhelming the downstream conveyance system. It will extend the life of existing equipment and defer the need to build additional new pumping and conveyance facilities for several years. Based on current master planned development planning, the facility is anticipated to be online by 2015.

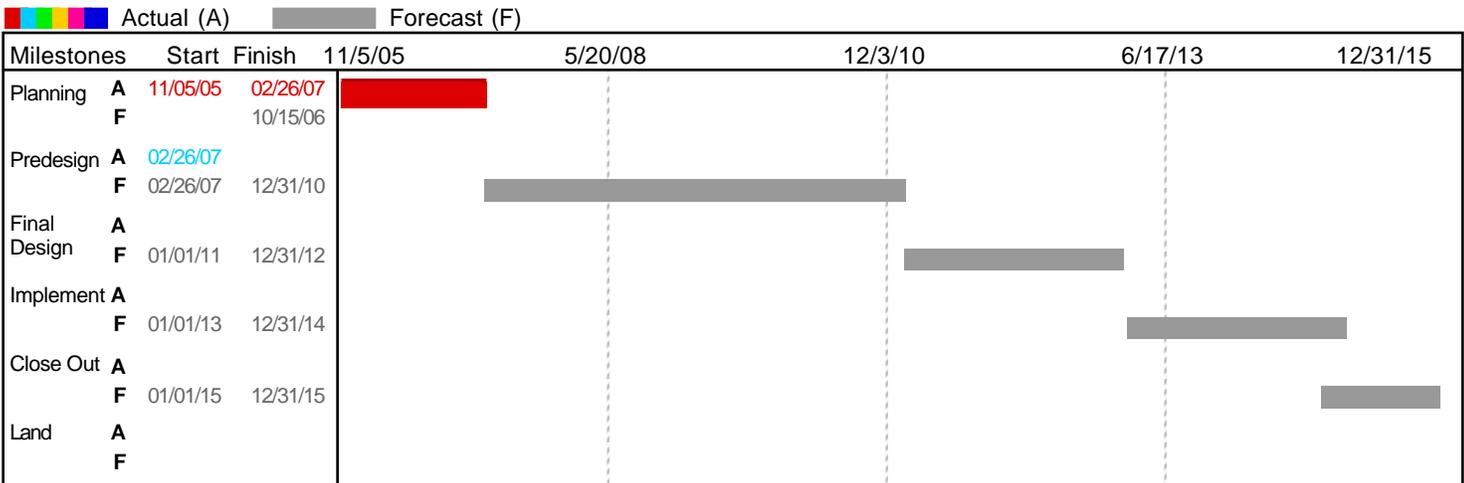
Project Phase: 2 Predesign



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

The schedule is delayed to support Black Diamond's updated projected population growth estimates.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION		0	0	0	2,634,745	8,352,252
Construction Contracts		0	0	0	2,422,565	8,134,421
Outside Agency Construction		0	0	0	212,180	217,830
NON-CONSTRUCTION	449,785	1,050,230	829,701	449,785	1,428,396	2,807,206
Engineering	123,871	330,000	657,752	123,871	380,000	1,427,795
Planning & Management Svcs.	101,452	22,660	27,202	101,452	22,660	27,202
Permitting & Other Agency Support		103,000	0	0	103,000	103,000
Right-of-Way		412,000	40,000	0	412,000	722,144
Misc. Services & Materials	12,897	13,390	13,000	12,897	27,182	25,036
Staff Labor	211,566	169,180	91,746	211,566	483,554	502,030
PROJECT RESERVE		0	0	0	573,682	1,601,100
Project Reserve		0	0	0	573,682	1,601,100
Total \$	449,785	1,050,230	829,701	449,785	4,636,822	12,760,558

Cost/Budget Adjustments

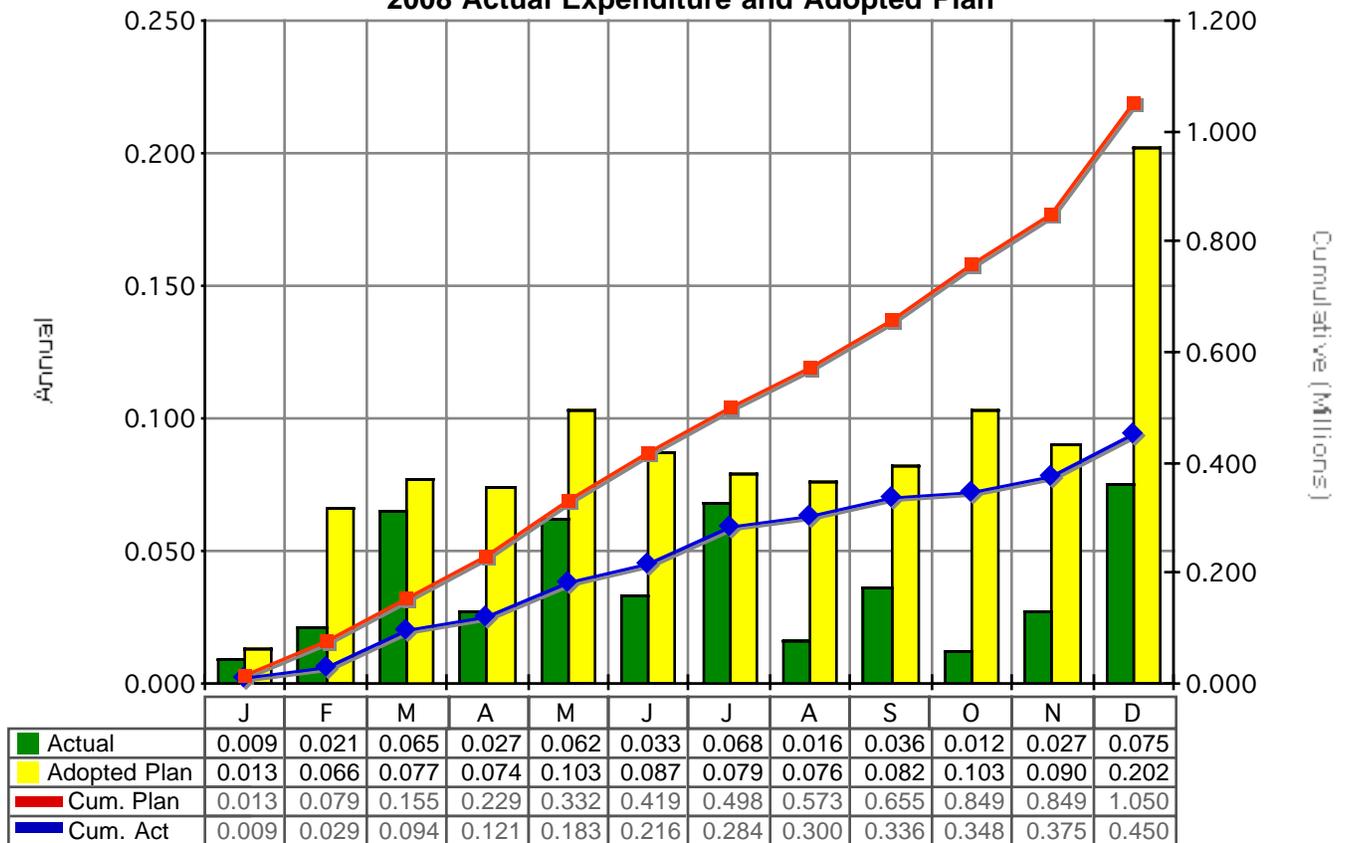
The change in lifetime budget reflects a more detailed and updated cost estimate developed by the consultant. The original lifetime budget cost estimate was developed in 2005 through the use of Tabula, the Wastewater Treatment Division's planning-level estimating software.

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
Black Diamond Storage Facility E00003E06	\$617,610	\$0	\$617,610	\$301,239	49%	2	\$918,849	\$447,335	18	49%

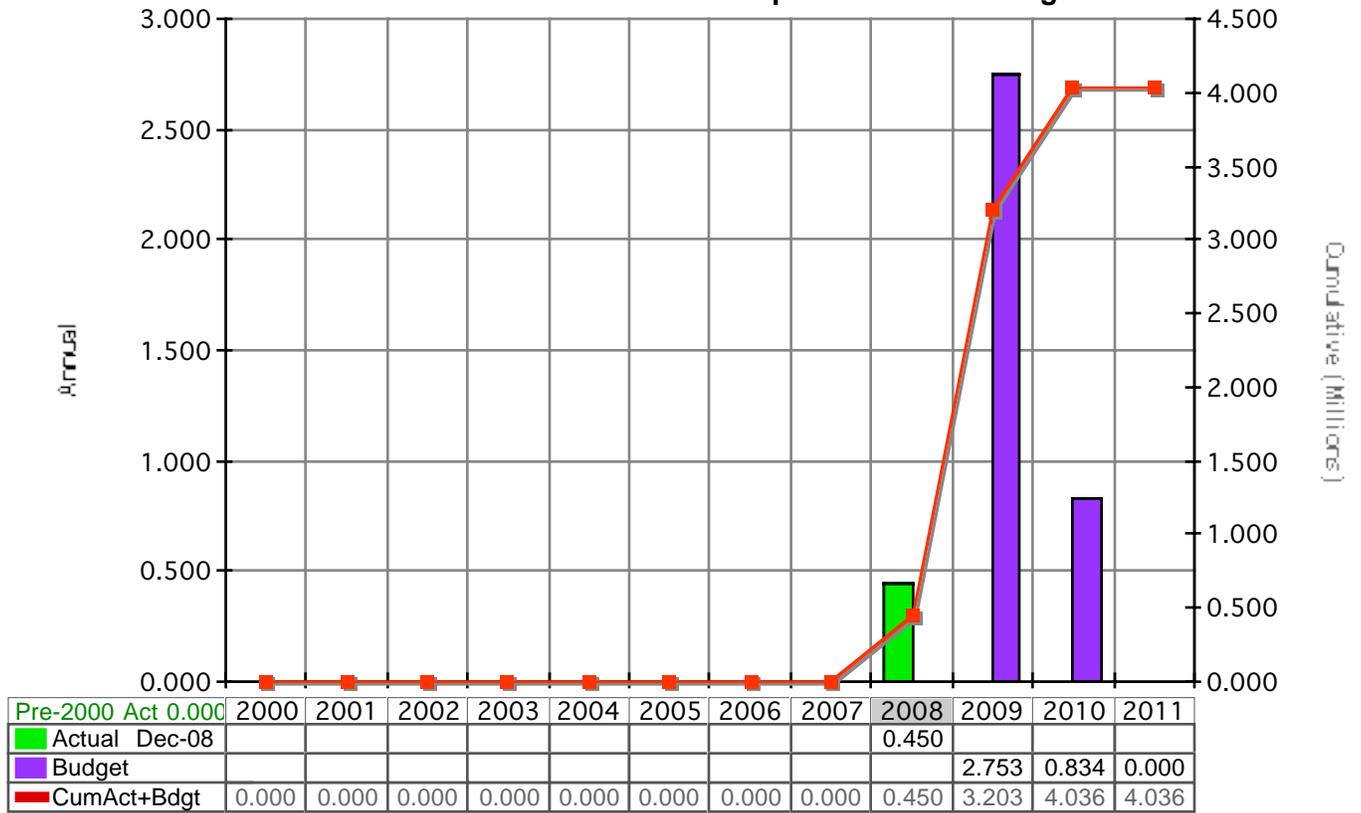
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

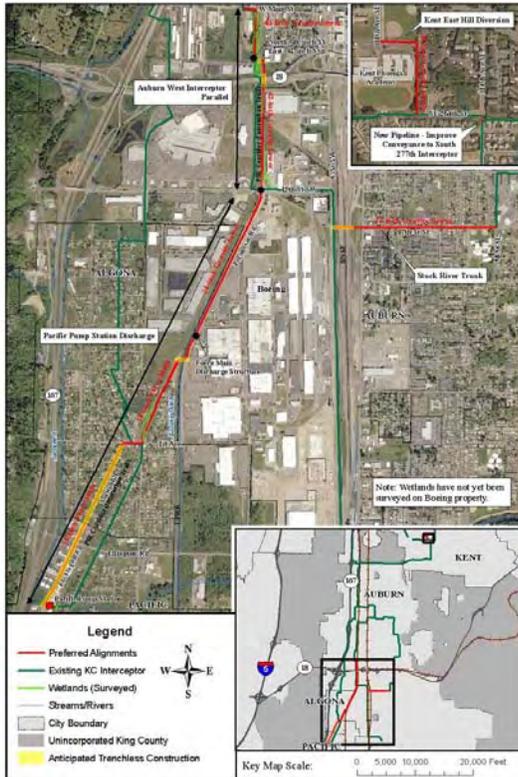
Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423582 SW Interceptor (2004-03)



Kent/Auburn Conveyance System Improvements - 30% Design

Project Description

This project will construct approximately 3 miles of new sewer in Auburn, Kent, Algona, and Pacific. The project consists of four individual projects that will be built in two phases: Phase A and Phase B. Phase A projects (the Stuck River Trunk and Kent East Diversion Hill) are expected to be in service in 2011. The Stuck River Trunk includes approximately 3,900 feet of new 27-inch-diameter gravity sewer pipe to divert flows upstream of the M Street Trunk to the Lakeland Hills Trunk. The Kent East Hill Diversion includes 1,800 feet of new 24-inch-diameter gravity sewer pipe to divert flows from the Mill Creek Interceptor to the South 277th Street Interceptor.

Phase B projects include the Pacific Pump Station Discharge and the Auburn West Interceptor Parallel in Auburn. The Pacific Pump Station Discharge includes approximately 7,900 feet of new pipe to carry flow north from the Pacific Pump Station to the Auburn West Interceptor. The Auburn West Interceptor Parallel includes approximately 2,600 feet of new gravity pipe to parallel an existing portion of the Auburn West Interceptor.

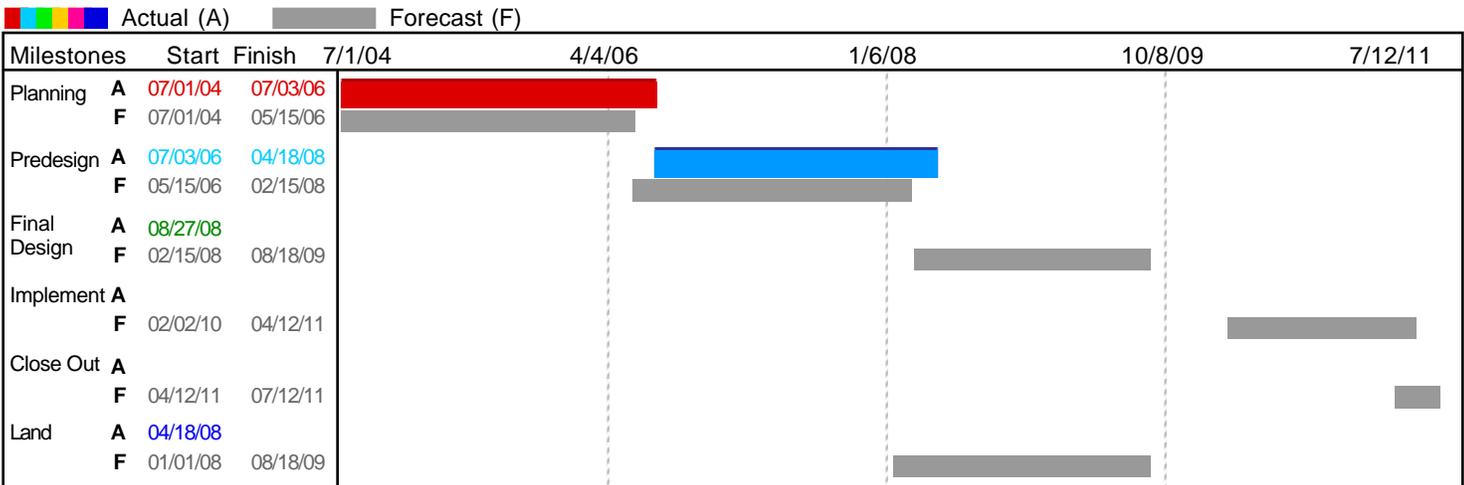
Project Phase: 3 Final Design



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	0	0	0	5,294	32,110,149	8,087,638
Construction Contracts		0	0	0	32,021,143	7,993,338
Other Capital Charges	0	0	0	5,294	89,006	94,300
NON-CONSTRUCTION	1,396,249	4,336,410	2,230,919	3,857,059	12,058,803	8,071,228
Engineering	1,014,910	2,143,214	1,275,750	2,737,134	5,710,081	3,747,974
Planning & Management Svcs.	-57,000	103,000	10,300	4,000	1,488,321	728,083
Permitting & Other Agency Support	1,944	272,950	272,950	6,382	282,950	277,388
Right-of-Way		1,060,900	0	0	1,060,900	491,727
Misc. Services & Materials	47,913	117,935	117,935	91,844	561,300	561,364
Staff Labor	388,481	638,410	553,984	1,017,699	2,955,251	2,264,693
PROJECT RESERVE		0	0	0	1,802,999	0
Project Reserve		0	0	0	1,802,999	0
Total \$	1,396,249	4,336,410	2,230,919	3,862,353	45,971,951	16,158,867

Cost/Budget Adjustments

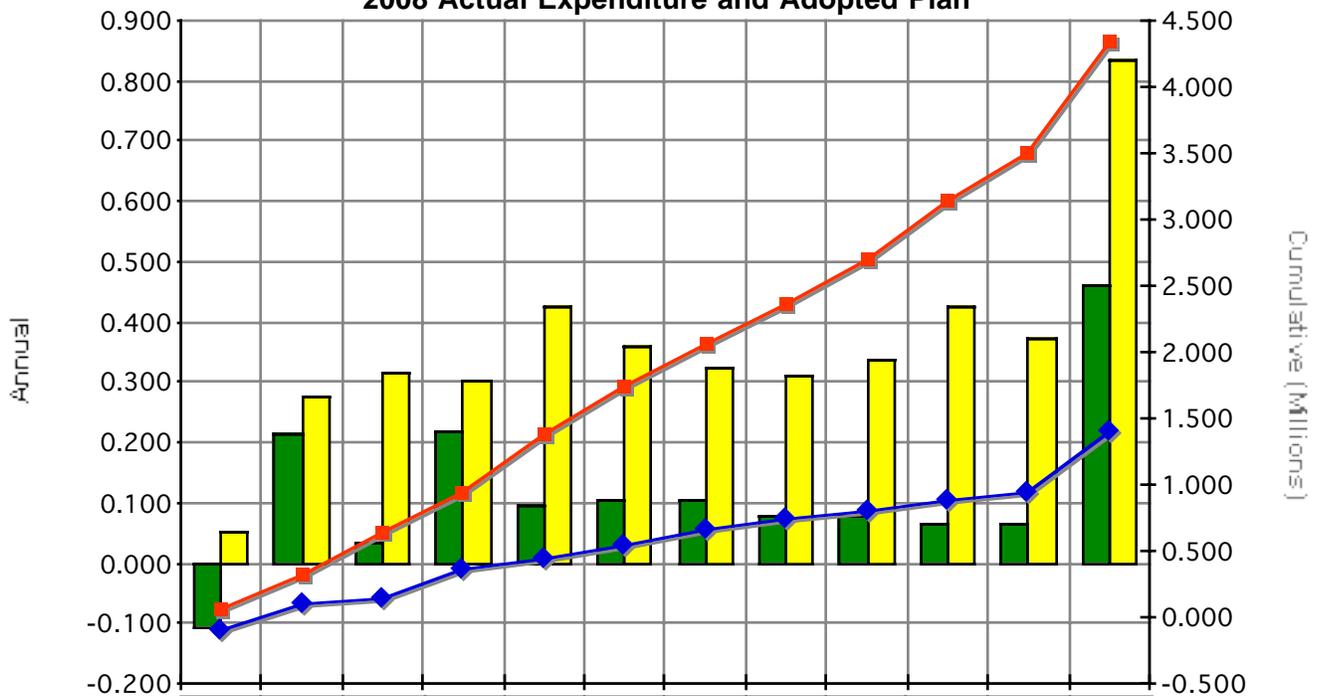
Lifetime budget has changed because the project scope was reduced. The project lifetime budget reflects completion of Phase A work, property acquisition, and 60 percent design of Phase B work. Completion of design and construction of Phase B work are included in a future project number (2009-018).

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	\$2,107,416	\$4,794,383	\$484,965	10%	2	\$5,279,347	\$2,283,834	25	43%

Annual Cash Flow

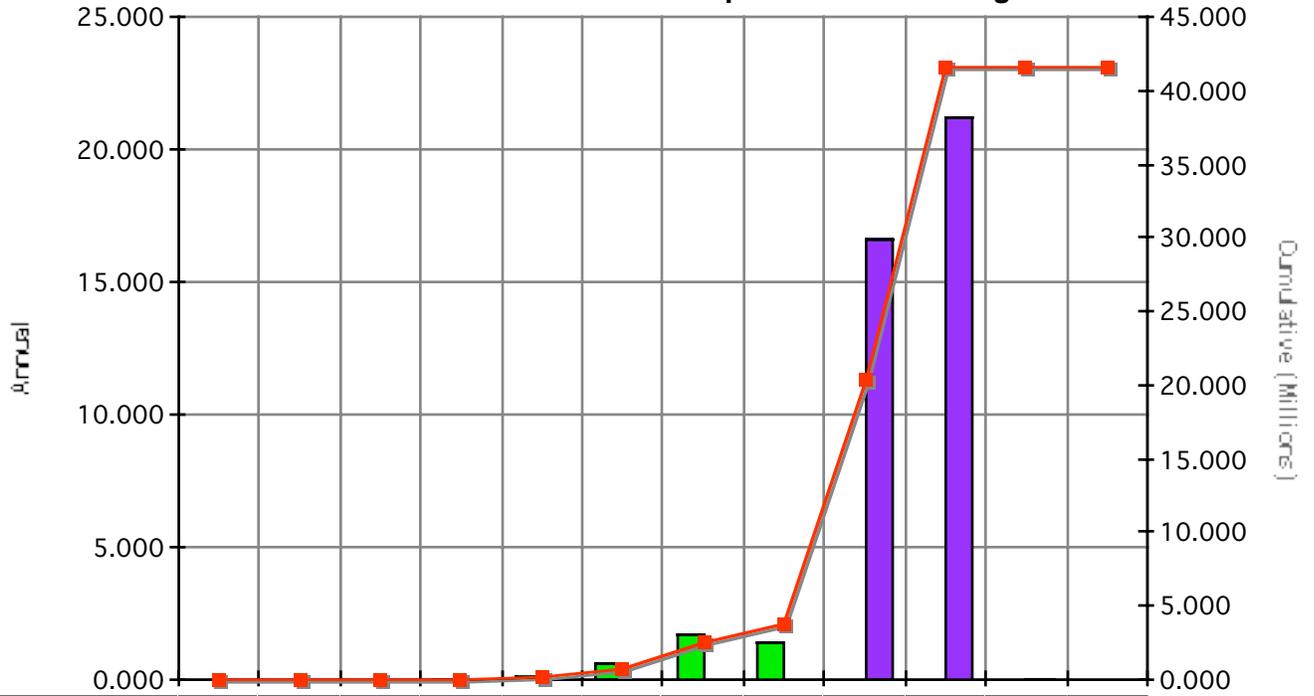
2008 Actual Expenditure and Adopted Plan



	J	F	M	A	M	J	J	A	S	O	N	D
Actual	-0.109	0.212	0.032	0.218	0.094	0.102	0.105	0.077	0.075	0.064	0.065	0.461
Adopted Plan	0.052	0.273	0.317	0.304	0.425	0.360	0.325	0.312	0.338	0.425	0.373	0.833
Cum. Plan	0.052	0.325	0.642	0.945	1.370	1.730	2.055	2.368	2.706	3.504	3.504	4.336
Cum. Act	-0.109	0.103	0.135	0.353	0.446	0.549	0.654	0.731	0.806	0.870	0.935	1.396

Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



Pre-01 Act	0.000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Actual Dec-08					0.015	0.087	0.643	1.721	1.396				
Budget										16.56	21.20	0.028	0.000
CumAct+Bdgt	0.000	0.000	0.000	0.015	0.102	0.745	2.466	3.862	20.42	41.63	41.66	41.66	41.66

RWSP Project Report

DECEMBER 2008

423365 Hidden Lake PS/Boeing Creek Trunk



Project Description

This project included constructing 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. Construction started in May 2006 and was completed in 2008. Construction closeout is expected to be complete in early 2009.

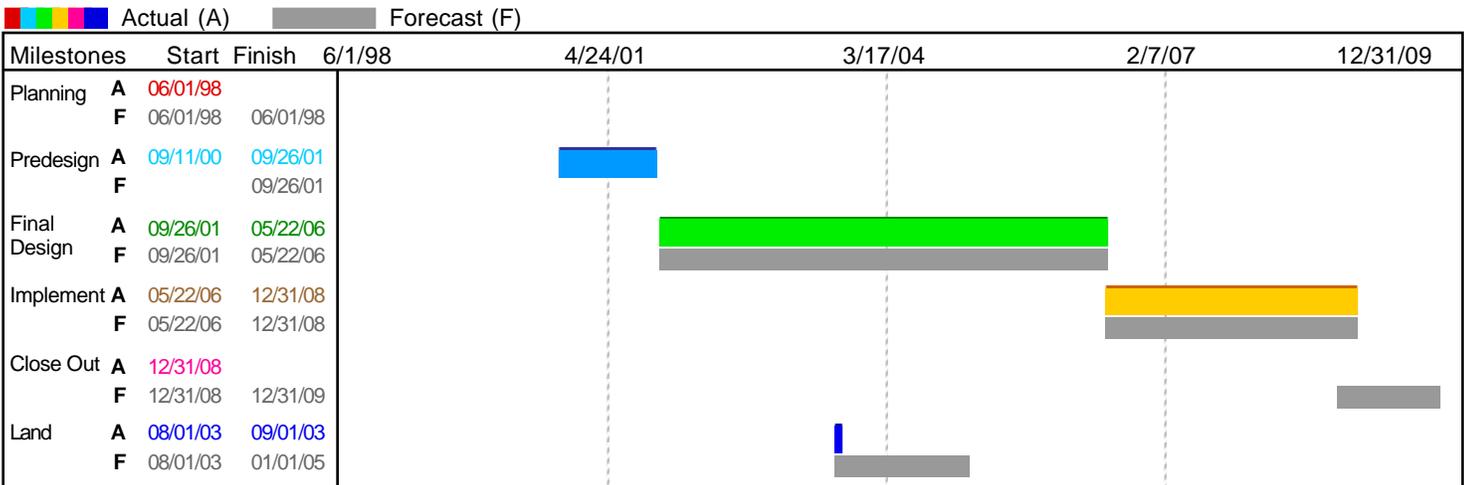
Project Phase: 5 Closeout



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	5,181,926	6,855,577	6,240,795	24,079,694	26,612,848	26,112,633
Construction Contracts	5,122,923	6,477,935	5,780,154	23,973,012	25,738,339	25,604,314
Owner Furnished Equipment	79		0	568		490
Outside Agency Construction		377,642	460,641	0	861,999	460,641
Other Capital Charges	58,925	0	0	106,114	12,510	47,189
NON-CONSTRUCTION	1,742,974	1,748,850	2,277,326	11,873,492	12,016,804	12,577,150
Engineering	275,131	327,147	538,041	4,786,339	4,996,517	5,049,249
Planning & Management Svcs.	388,883	575,231	844,848	1,191,417	1,690,859	1,647,383
Permitting & Other Agency Support	25,401	15,535	39,267	1,304,563	1,302,019	1,318,429
Right-of-Way	42,691	33,774	32,790	259,699	216,196	249,798
Misc. Services & Materials	97,324	71,842	69,750	449,701	382,389	422,127
Staff Labor	913,544	725,321	752,630	3,881,772	3,428,823	3,890,164
PROJECT RESERVE		0	29,127	0	268,342	125,752
Project Reserve		0	29,127	0	268,342	125,752
CREDITS AND REVENUES		-220,052	-337,590	0	-433,694	-337,590
Credits and Revenues		-220,052	-337,590	0	-433,694	-337,590
Total \$	6,924,900	8,384,375	8,209,658	35,953,185	38,464,299	38,477,946

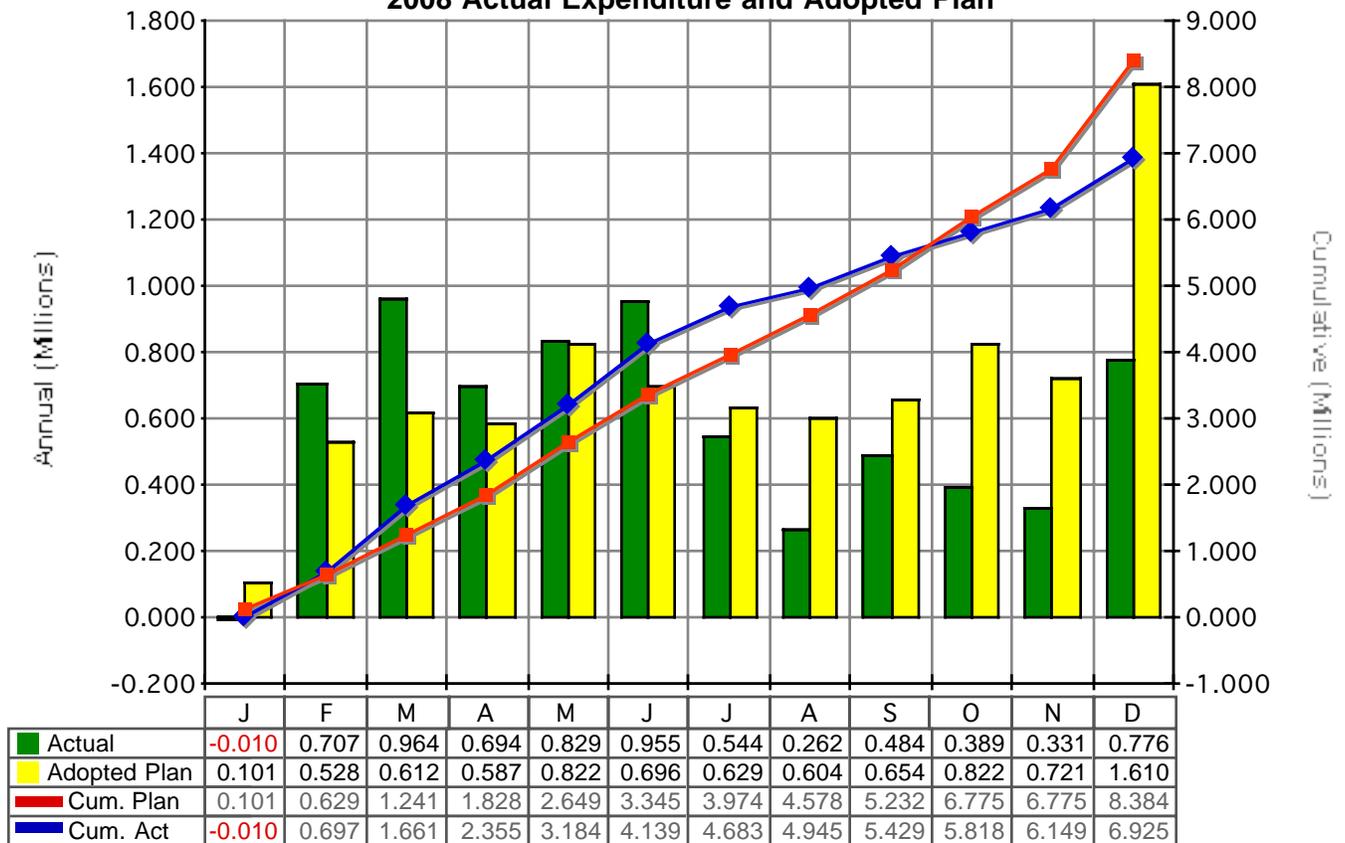
Cost/Budget Adjustments

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
Hidden Lake Project C53108C	\$20,929,000	\$0	\$20,929,000	\$863,039	4%	8	\$21,792,039	\$16,297,043	17	75%
Hidden Lake Pump Station E03036E	\$2,699,191	\$0	\$2,699,191	\$2,381,297	88%	5	\$5,080,487	\$4,354,842	61	86%
Construction Management Services for the Hidden P43017P	\$1,500,177	\$0	\$1,500,177	-\$242,947	-16%	2	\$1,257,230	\$364,938	13	29%
Mitigation for Hidden Lk PS and Boeing Creek Trunk Sewer MOA 3415	\$1,100,000	\$0	\$1,100,000	\$0	0%		\$1,100,000	\$1,100,000	1	100%

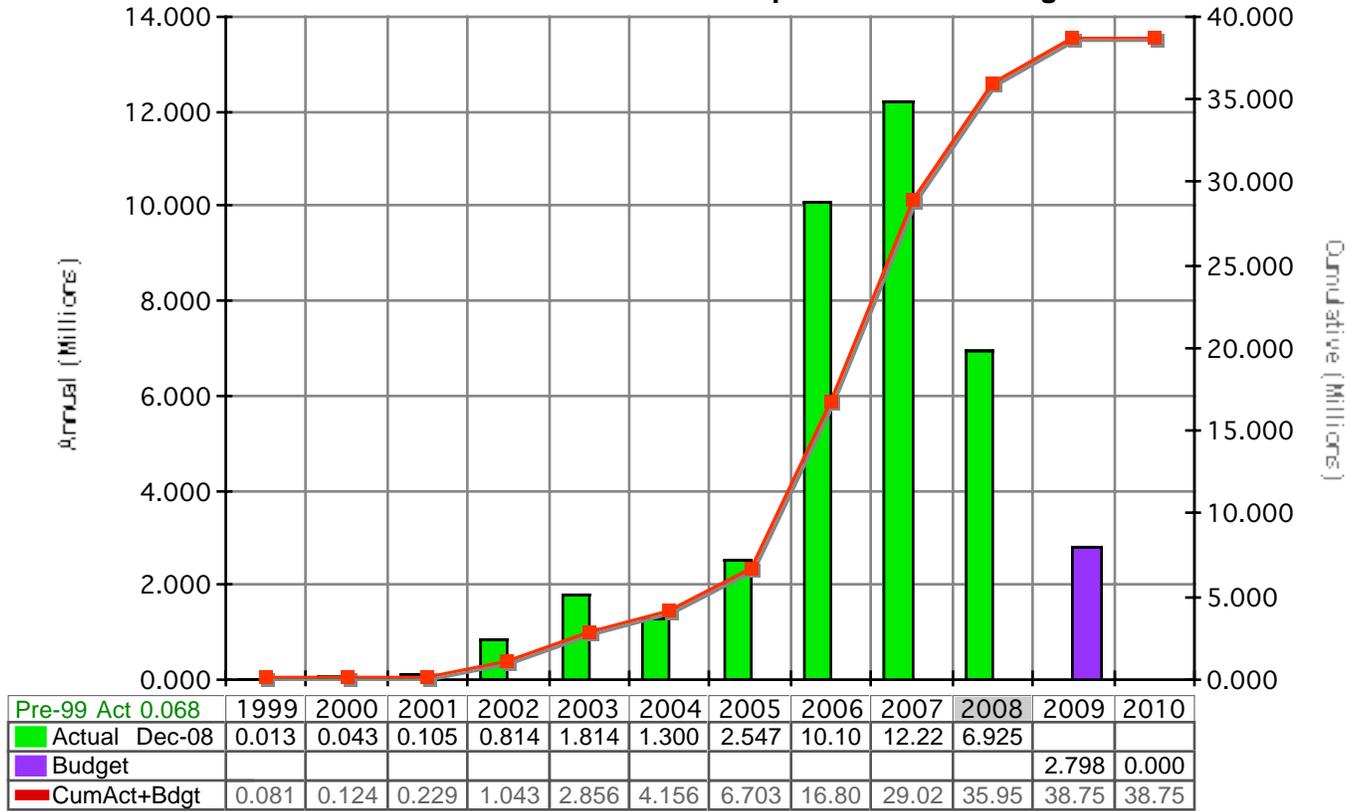
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423406 Juanita Bay PS - Modifications



Project Description

This project constructed a 30.6 million gallons per day wastewater pump station to increase the capacity of and replace an aging pump station. The new and replaced pump stations are located at the intersection of NE Juanita Drive and 93rd Ave NE in Kirkland. The station includes 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. The new pump station began operating in January 2009.

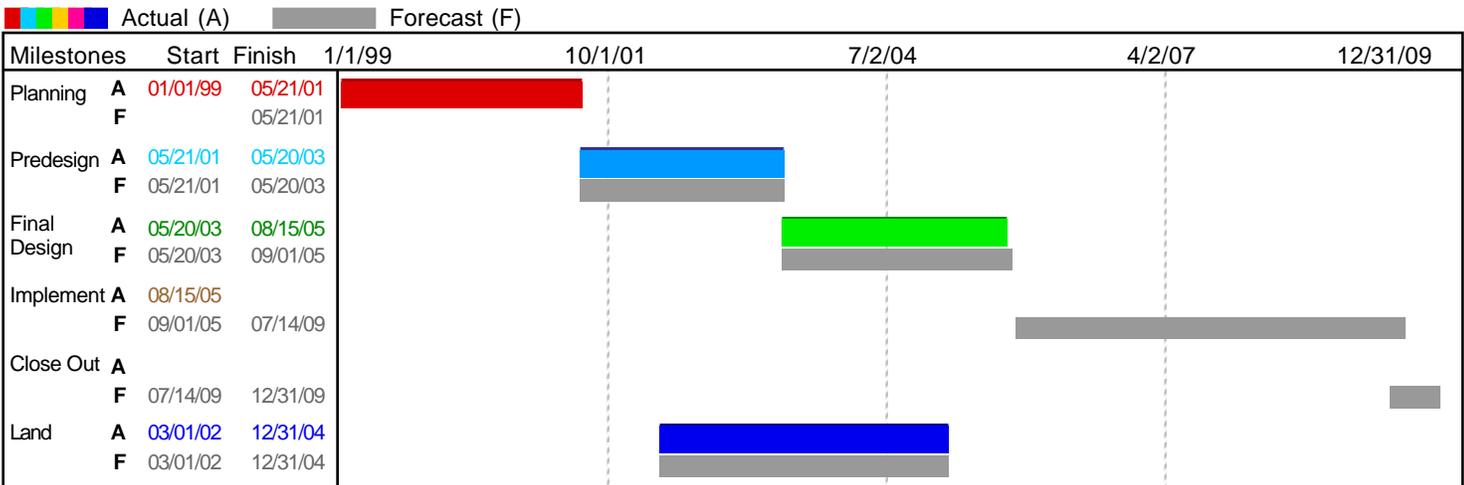
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

The construction contractor did not complete contracted work within the required time period, resulting in a schedule delay of about 10 months.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	4,501,871	3,975,385	7,687,163	19,439,991	21,719,286	22,652,460
Construction Contracts	4,501,871	3,909,939	7,623,148	19,418,833	21,600,354	22,540,109
Outside Agency Construction		15,450	15,000	0	15,450	15,000
Other Capital Charges	0	49,996	49,015	21,158	103,482	97,351
NON-CONSTRUCTION	2,369,899	1,373,127	2,188,213	14,847,049	14,280,099	14,970,480
Engineering	839,096	502,500	1,202,500	7,901,627	7,281,648	8,561,701
Planning & Management Svcs.	208,617	23,600	54,000	336,083	174,280	181,466
Permitting & Other Agency Support	48,114	0	46,956	184,915	184,910	183,758
Right-of-Way	0	0	0	1,541,751	1,541,751	1,541,751
Misc. Services & Materials	92,636	25,750	50,000	295,933	204,275	253,297
Staff Labor	1,181,436	821,277	834,757	4,586,739	4,893,234	4,248,508
PROJECT RESERVE		1,065,713	20,000	0	1,075,713	20,000
Project Reserve		1,065,713	20,000	0	1,075,713	20,000
Total \$	6,871,770	6,414,225	9,895,376	34,287,039	37,075,098	37,642,941

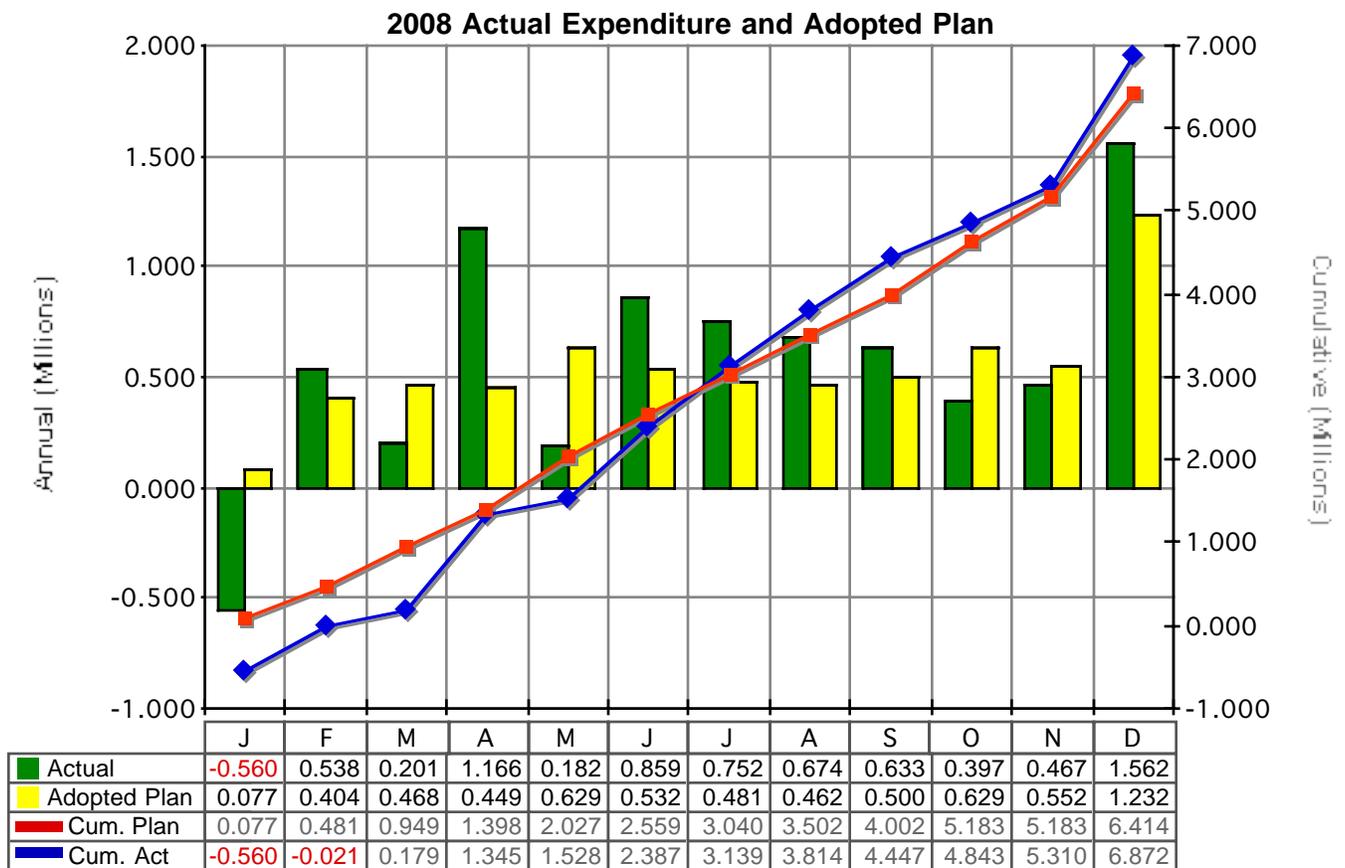
Cost/Budget Adjustments

The construction schedule was not achieved by the construction contractor, which resulted in the need for additional inspection, project management, and engineering services to support the 10-month schedule delay. The need for these additional services resulted in an increase in the lifetime budget.

Contract Status

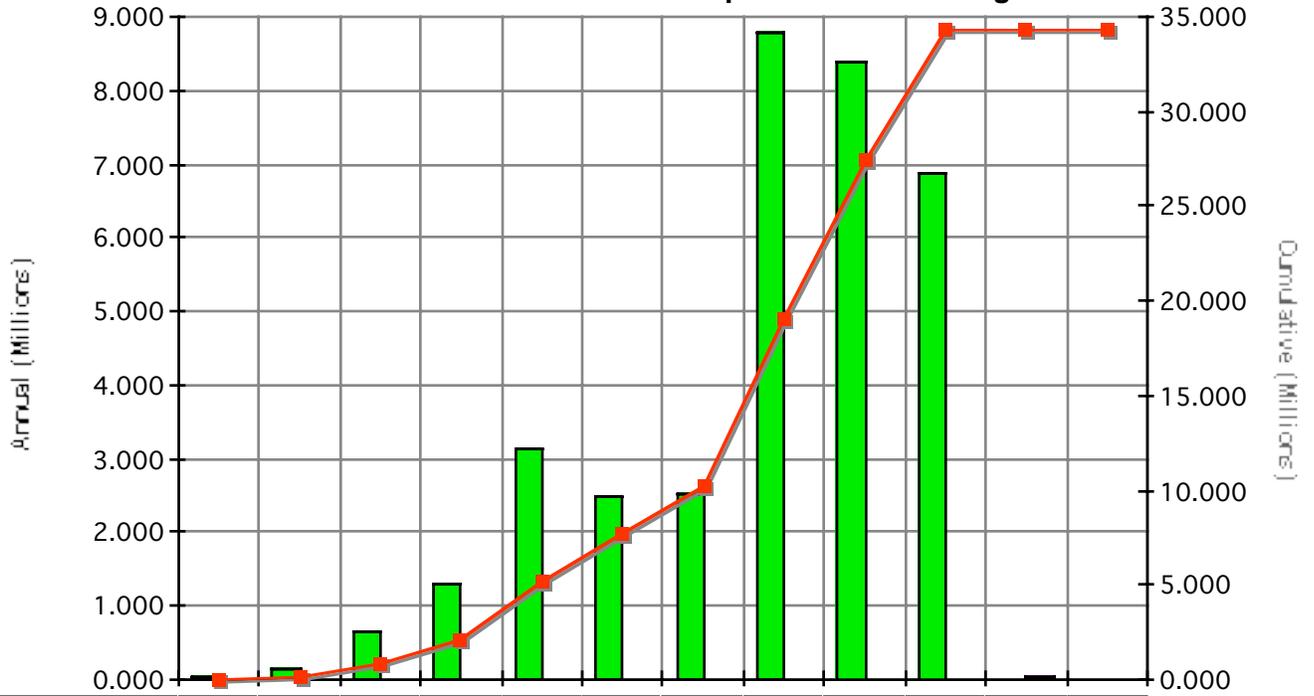
Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Juanita Bay Pump Station Replacement C43085C	\$18,988,000	\$0	\$18,988,000	\$307,861	2%	8	\$19,295,861	\$17,452,121	32	90%
Engg Services for Juanita Bay & Foremain Update E03037E	\$1,849,354	\$6,577,438	\$8,426,792	\$0	0%	4	\$8,426,792	\$7,808,305	91	93%
Project Control Services Work Order Contract P00035P07	\$500,000	\$0	\$500,000	\$0	0%		\$500,000	\$268,417	12	54%
Professional Services for Work Order for On Call CM Services P00031P07	\$500,000	\$0	\$500,000	\$0	0%		\$500,000	\$78,539	3	16%
Wastewater Audit Services T02553T	\$150,000	\$300,000	\$450,000	\$0	0%	3	\$450,000	\$305,267	26	68%

Annual Cash Flow



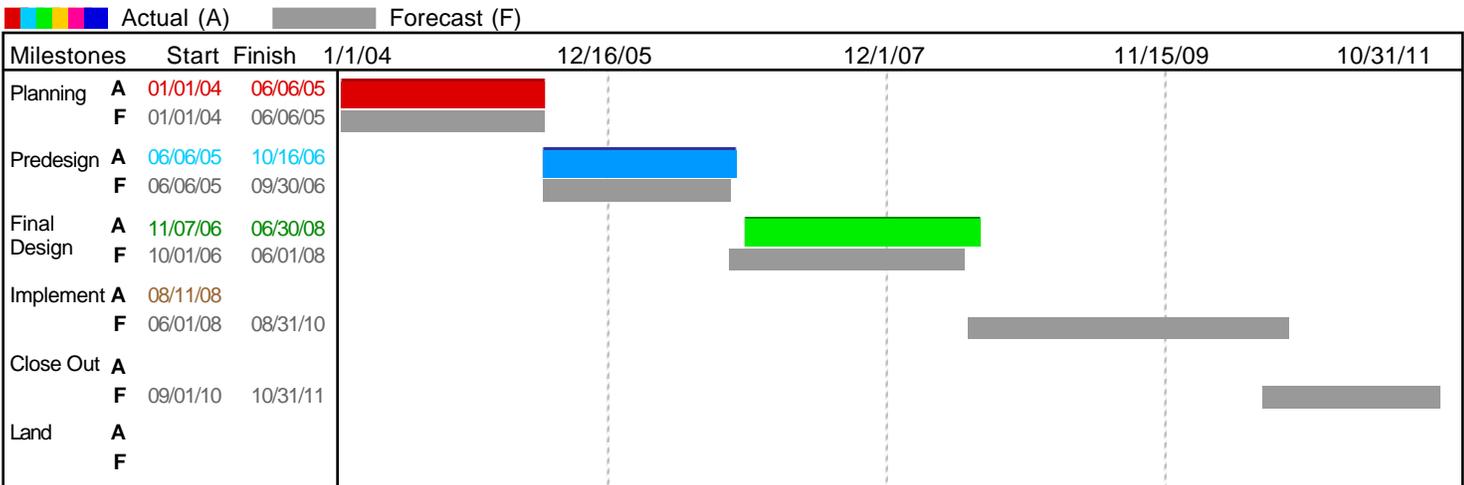
Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



Pre-99 Act	0.008	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Actual Dec-08	0.032	0.151	0.639	1.290	3.125	2.475	2.513	8.800	8.382	6.872			
Budget												0.037	0.000
CumAct+Bdgt	0.039	0.190	0.830	2.120	5.244	7.720	10.23	19.03	27.41	34.28	34.32	34.32	

Milestone Schedule



Schedule Adjustments

There have been schedule delays in obtaining permits and easements. In addition, there were delays in awarding contracts due to a bid protest resulting in the need to rebid the North Segment.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION		17,001,755	8,830,911	0	29,805,319	38,093,460
Construction Contracts		17,001,755	8,830,910	0	29,805,318	38,093,460
Outside Agency Construction		0	0	0	0	0
NON-CONSTRUCTION	7,222,453	1,950,722	1,417,334	10,317,323	8,354,813	6,884,142
Engineering	6,192,022	1,438,352	554,959	8,843,450	5,544,011	3,651,824
Planning & Management Svcs.			699,032	0		2,295,880
Permitting & Other Agency Support		0	0	0	553,846	0
Right-of-Way		0	0	0	600,000	0
Misc. Services & Materials	197,490	0	0	243,344	5,396	45,854
Staff Labor	832,941	512,371	163,343	1,230,530	1,651,559	890,584
Total \$	7,222,453	18,952,477	10,248,245	10,317,323	38,160,131	44,977,602

Cost/Budget Adjustments

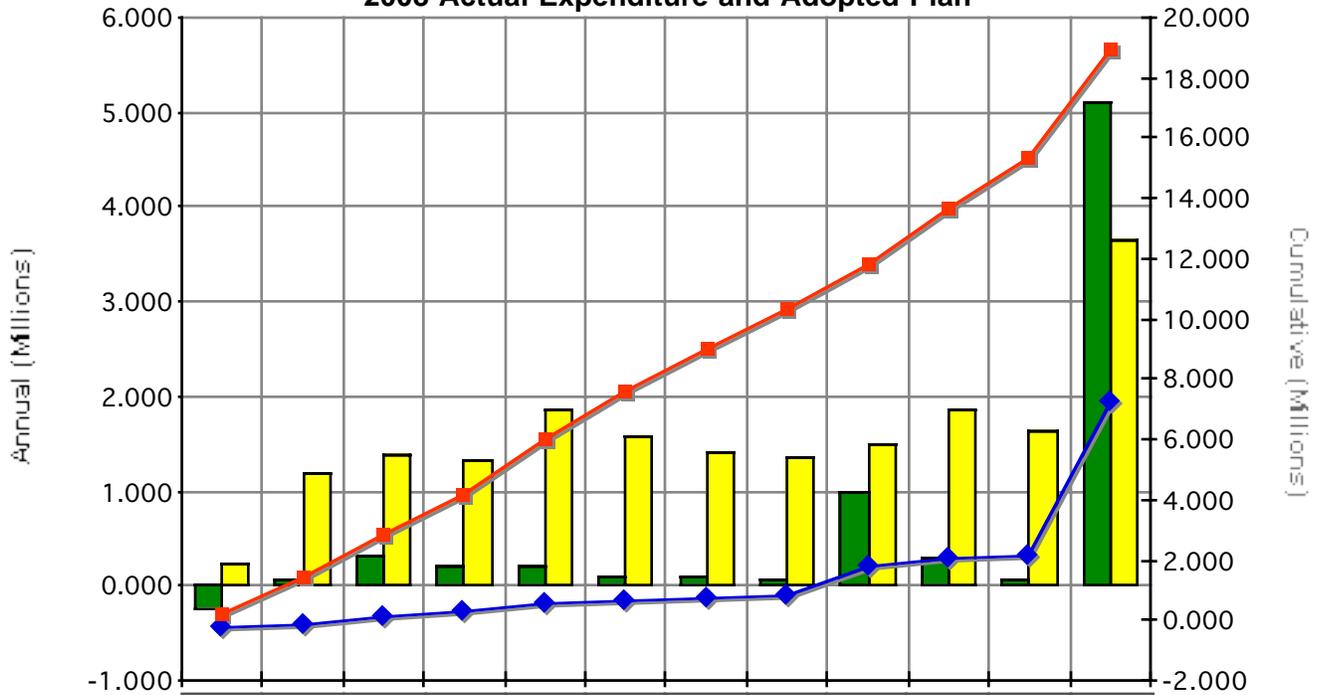
This project has experienced cost escalation related to increased design costs and higher construction estimates based on an increased number of micro-tunnel and dewatering locations required. There have also been higher than anticipated costs to obtain permits and easements.

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	\$7,952,556	41	26%
	A-NCI-2005									

Annual Cash Flow

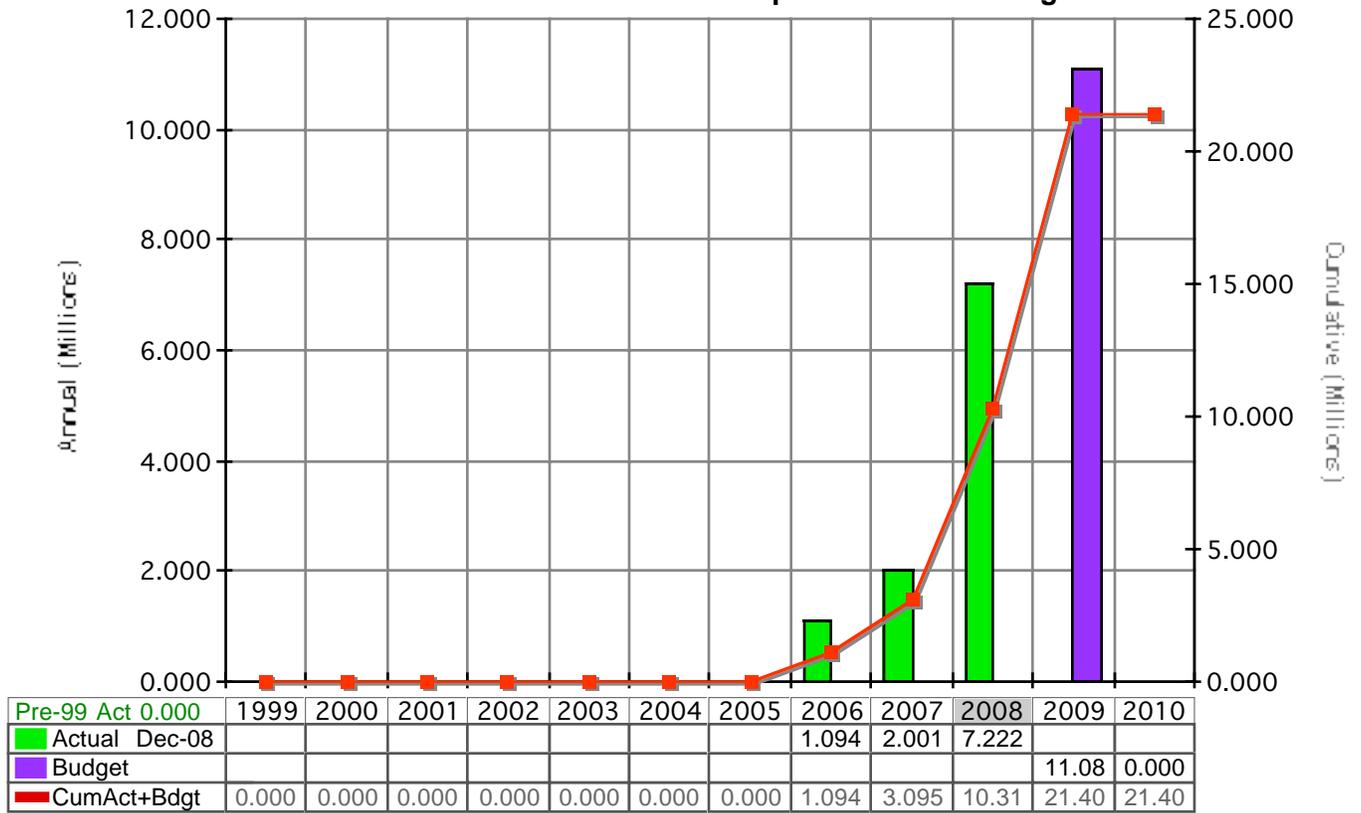
2008 Actual Expenditure and Adopted Plan



Actual	-0.246	0.066	0.315	0.195	0.214	0.080	0.092	0.063	0.983	0.289	0.076	5.095
Adopted Plan	0.227	1.194	1.384	1.327	1.857	1.573	1.421	1.365	1.478	1.857	1.630	3.639
Cum. Plan	0.227	1.421	2.805	4.132	5.989	7.562	8.983	10.34	11.82	15.31	15.31	18.95
Cum. Act	-0.246	-0.180	0.135	0.330	0.544	0.623	0.716	0.779	1.762	2.051	2.127	7.222

Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423297 RWSP Local Systems I/I Control



Project Description

The Inflow/Infiltration (I/I) Control Program is designed to reduce I/I that flows into the county's wastewater conveyance and treatment system. In accordance with the RWSP, this program consisted of all the elements of the six-year comprehensive I/I study, which included regional flow monitoring, 10 pilot I/I reduction projects, a regional needs assessment, benefit-cost analyses, and development of draft design guidelines. This program has been carried out in close coordination with the Metropolitan Water Pollution Abatement Advisory Committee. The Executive's Recommended I/I Program, which was approved by the King County Council through Motion 12292 in May 2006, resulted from these efforts. The recommended program includes implementation of initial I/I reduction projects (Project #423618).

The current scope of this project is to monitor progress on the implementation of the initial I/I projects for consistency with the approved Regional I/I Control Program.

Project Phase: 2 Predesign



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule


 Actual (A) Forecast (F)

Milestones	Start	Finish	1/1/00	1/1/04	1/1/08	12/31/11	12/31/15
Planning	A	01/01/00					
	F	01/01/00	12/31/15				
Pre-design	A						
	F						
Final Design	A						
	F						
Implement	A						
	F						
Close Out	A						
	F						
Land	A						
	F						

Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	40,901	0	0	5,916,359	5,811,555	5,875,459
Construction Contracts	40,901	0	0	5,701,823	5,419,822	5,660,922
Owner Furnished Equipment	0	0	0	205,406	27,046	205,406
Other Capital Charges	0	0	0	9,131	364,687	9,131
NON-CONSTRUCTION	79,257	242,984	68,142	34,162,624	35,720,831	35,631,616
Engineering	-29,000	0	0	25,531,736	25,646,750	25,903,737
Planning & Management Svcs.	0	0	0	99,485	45,533	220,718
Permitting & Other Agency Support	0	0	0	1,865,036	1,865,036	1,865,036
Misc. Services & Materials	9,805	28,892	13,381	720,619	1,066,514	797,366
Staff Labor	98,452	214,092	54,761	5,945,747	7,096,998	6,844,758
PROJECT RESERVE		853	828	0	2,495,466	461,793
Project Reserve		853	828	0	2,495,466	461,793
CREDITS AND REVENUES	0	0	0	-2	-2	-2
Credits and Revenues	0	0	0	-2	-2	-2
Total \$	120,158	243,837	68,970	40,078,982	44,027,850	41,968,865

Cost/Budget Adjustments

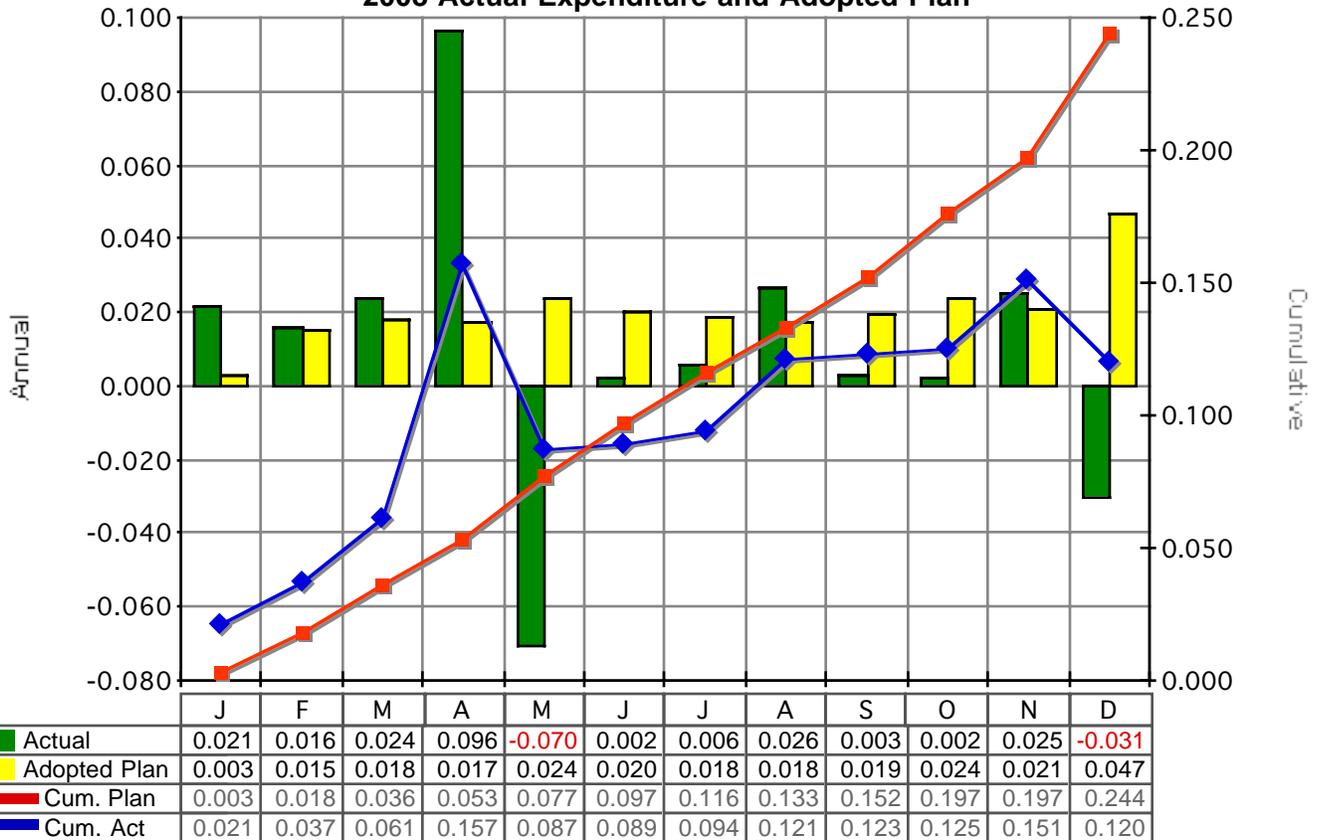
The lifetime budget estimate has been reduced to reflect the current scope of this project--to monitor progress on the implementation of the initial I/I projects for consistency with the approved Regional I/I Control Program.

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
Regional Inflow/Infiltration Control Project E93051E	\$19,410,131	\$0	\$19,410,131	\$8,445,941	44%	4	\$27,856,072	\$25,104,624	81	90%
Engineering Services for Initial Infiltration/Inflow Reduction E00057E07	\$1,393,139	\$0	\$1,393,139	\$6,076	0%	1	\$1,399,215	\$791,101	16	57%
Kent Infiltration and Inflow (I/I) Pilot Project C33044C	\$1,099,544	\$0	\$1,099,544	-\$106,298	-10%	1	\$993,246	\$993,246	7	100%
Redmond Infiltration and Inflow (I/I) Pilot Project C33048C	\$899,117	\$0	\$899,117	\$18,117	2%	3	\$917,234	\$772,158	4	84%
Lake Forest Park I/I Project c33046c	\$801,883	\$0	\$801,883	-\$7,508	-1%	1	\$794,385	\$726,489	4	91%
Kirkland Infiltration and Inflow (I/I) Pilot Project C33045C	\$781,775	\$0	\$781,775	\$12,843	2%	1	\$794,618	\$770,394	4	97%
Mercer Island Infiltration and Inflow (I/I) Pilot Project C33047C	\$736,654	\$0	\$736,654	\$13,163	2%	2	\$749,817	\$740,557	3	99%
Miscellaneous Pipe Repair and Restoration C33060C	\$500,000	\$0	\$500,000	\$0	0%	1	\$500,000	\$499,704	17	100%
Brier Infiltration and Inflow (I/I) Pilot Project C33043C	\$425,369	\$0	\$425,369	-\$36,643	-9%	1	\$388,716	\$342,226	5	88%
Auburn Infiltration and Inflow (I/I) Pilot Project C33042C	\$324,675	\$0	\$324,675	\$28,944	9%	2	\$353,619	\$353,619	4	100%
Manhole I & I C33120C	\$220,990	\$0	\$220,990	\$11,000	5%	1	\$231,990	\$184,580	5	80%
Engineering Support for Regional I/I Control Prog E83043E	\$149,935	\$0	\$149,935	\$0	0%		\$149,935	\$149,935	10	100%

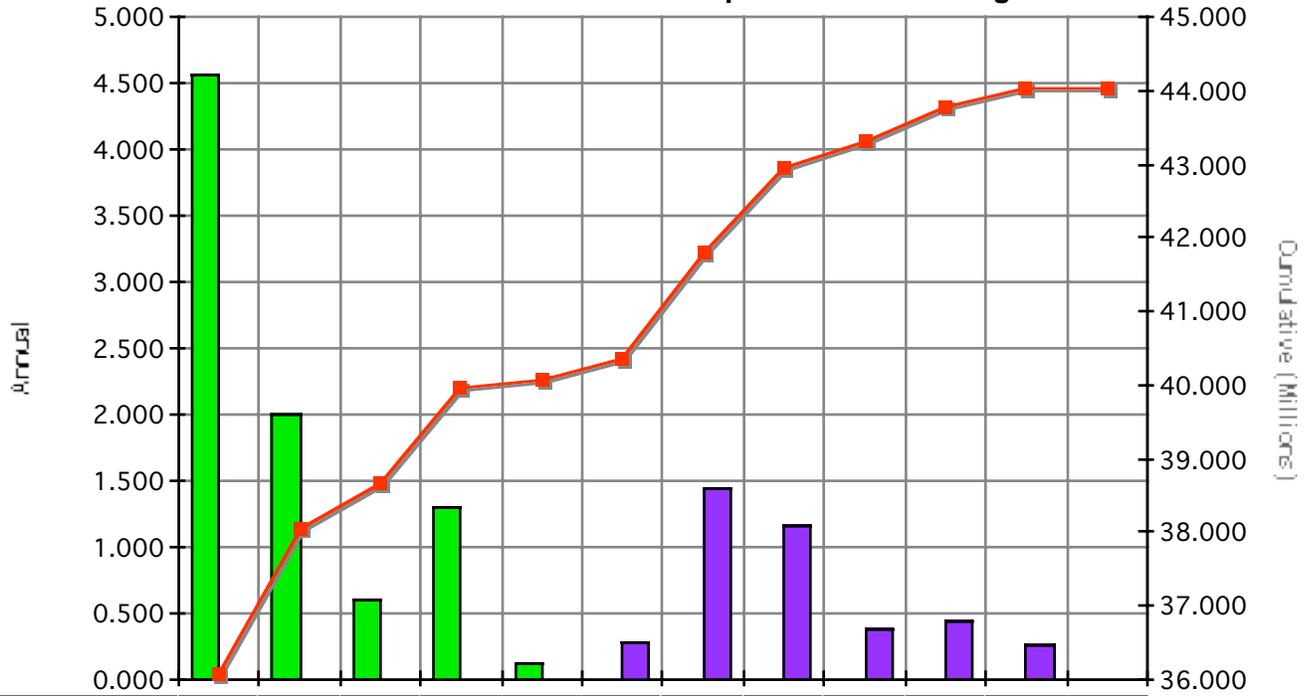
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



Pre-04 Act	31.503	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Actual Dec-08	4.552	4.552	2.000	0.597	1.307	0.120							
Budget							0.273	1.432	1.157	0.378	0.444	0.257	0.000
CumAct+Bdgt	36.05	38.05	38.65	39.95	40.07	40.35	41.78	42.94	43.31	43.76	44.02	44.02	44.02

RWSP Project Report

DECEMBER 2008

423618 RWSP Local Systems I/I Implementation



Project Description

The Executive's Recommended Infiltration and Inflow (I/I) Program, approved by the King County Council through Motion 12292 in May 2006, recommended implementation of two to three Initial I/I Reduction Projects. Four candidate project areas were selected by the Metropolitan Water Pollution Abatement Advisory Committee (MWPAAC) to be evaluated in predesign. As a result of the alternatives analysis and in consultation with MWPAAC and the host agencies, two projects were selected for final design and construction: a combined Bellevue and Issaquah project and a Skyway project. The Initial I/I Reduction Projects will provide information to help determine (1) whether they were able to reduce I/I levels to a point where enough capacity was relieved to delay, downsize, or eliminate the need for downstream Conveyance System Improvement projects, and (2) whether I/I reduction on this scale is cost-effective.

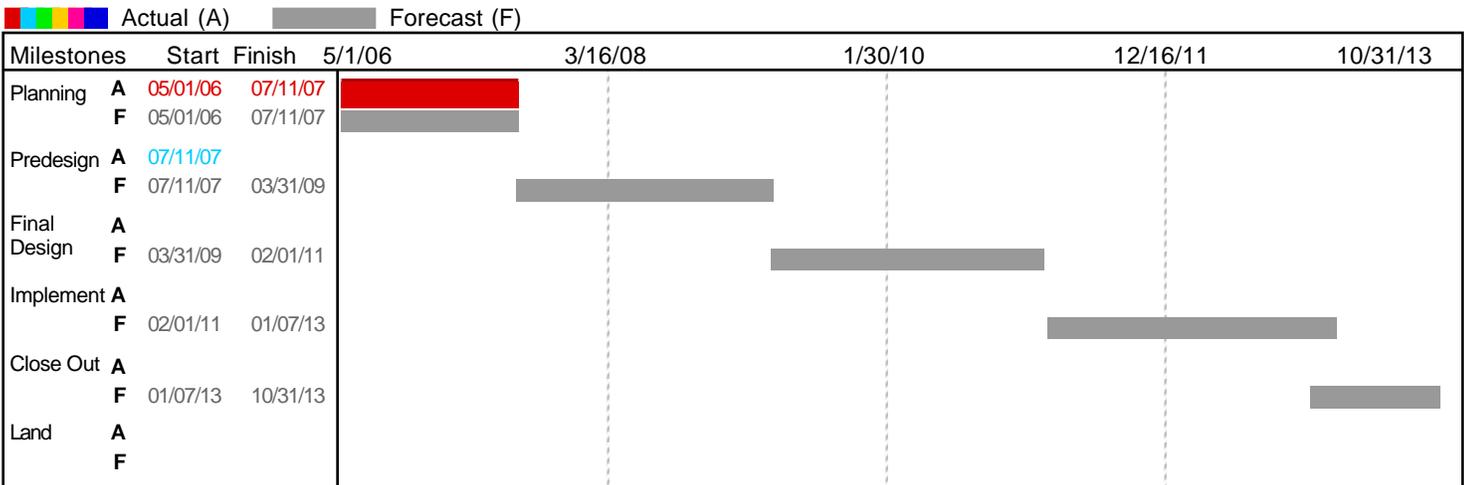
Project Phase: 2 Predesign



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	204,004	412,000	233,604	204,004	20,376,120	14,637,566
Construction Contracts	204,004	0	0	204,004	19,964,120	14,376,770
Owner Furnished Equipment			233,604	0		260,796
Other Capital Charges		412,000	0	0	412,000	0
NON-CONSTRUCTION	917,737	1,359,132	1,309,051	917,737	6,193,085	4,360,346
Engineering	623,001	1,113,271	975,000	623,001	4,920,358	2,331,389
Planning & Management Svcs.	779	0	0	779	0	0
Permitting & Other Agency Support	559	0	0	559	0	52,202
Misc. Services & Materials	23,456	7,662	29,205	23,456	49,561	156,194
Staff Labor	269,942	238,198	304,846	269,942	1,223,166	1,820,561
PROJECT RESERVE			0	0		776,134
Project Reserve			0	0		776,134
Total \$	1,121,741	1,771,132	1,542,655	1,121,741	26,569,206	19,774,046

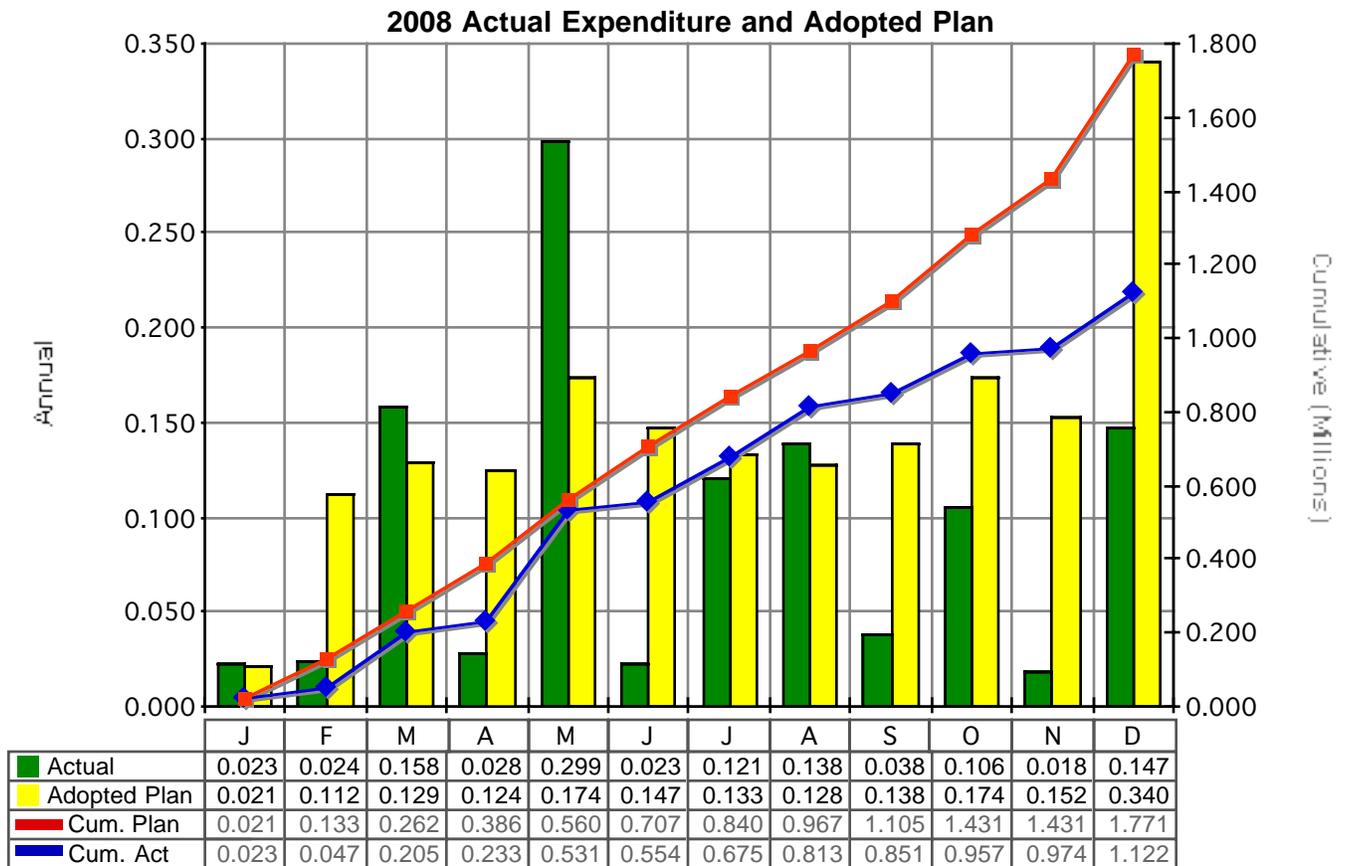
Cost/Budget Adjustments

The budget was reduced because the alternatives that have been selected have a lower total project cost than the projected planning-level budget.

Contract Status

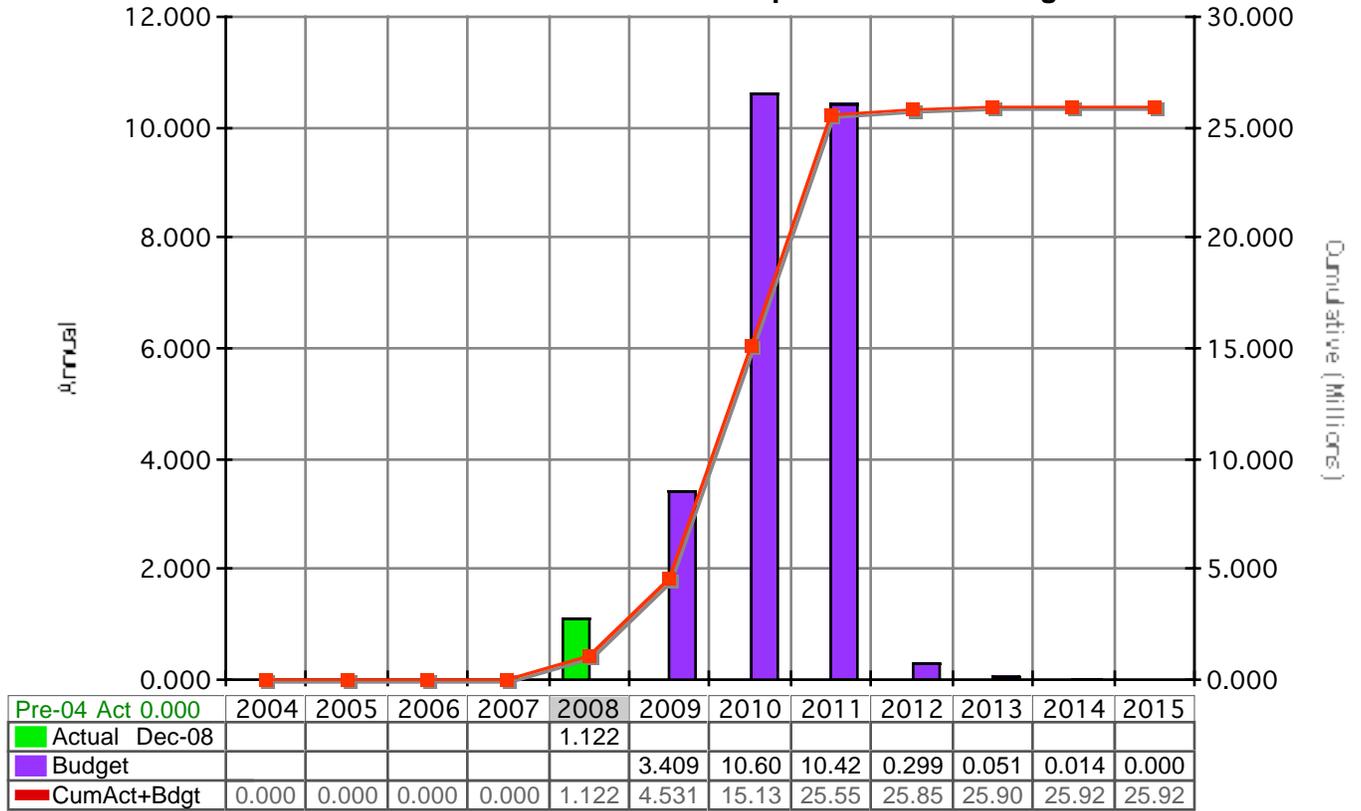
Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
Engineering Services for Initial Infiltration/Inflow Reduction E00057E07	\$1,388,139	\$0	\$1,388,139	\$6,076	0%	1	\$1,388,215	\$791,101	16	57%

Annual Cash Flow



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423593 WP Digestion Improvements



Project Description

The purpose of this project is to 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: 2 Predesign



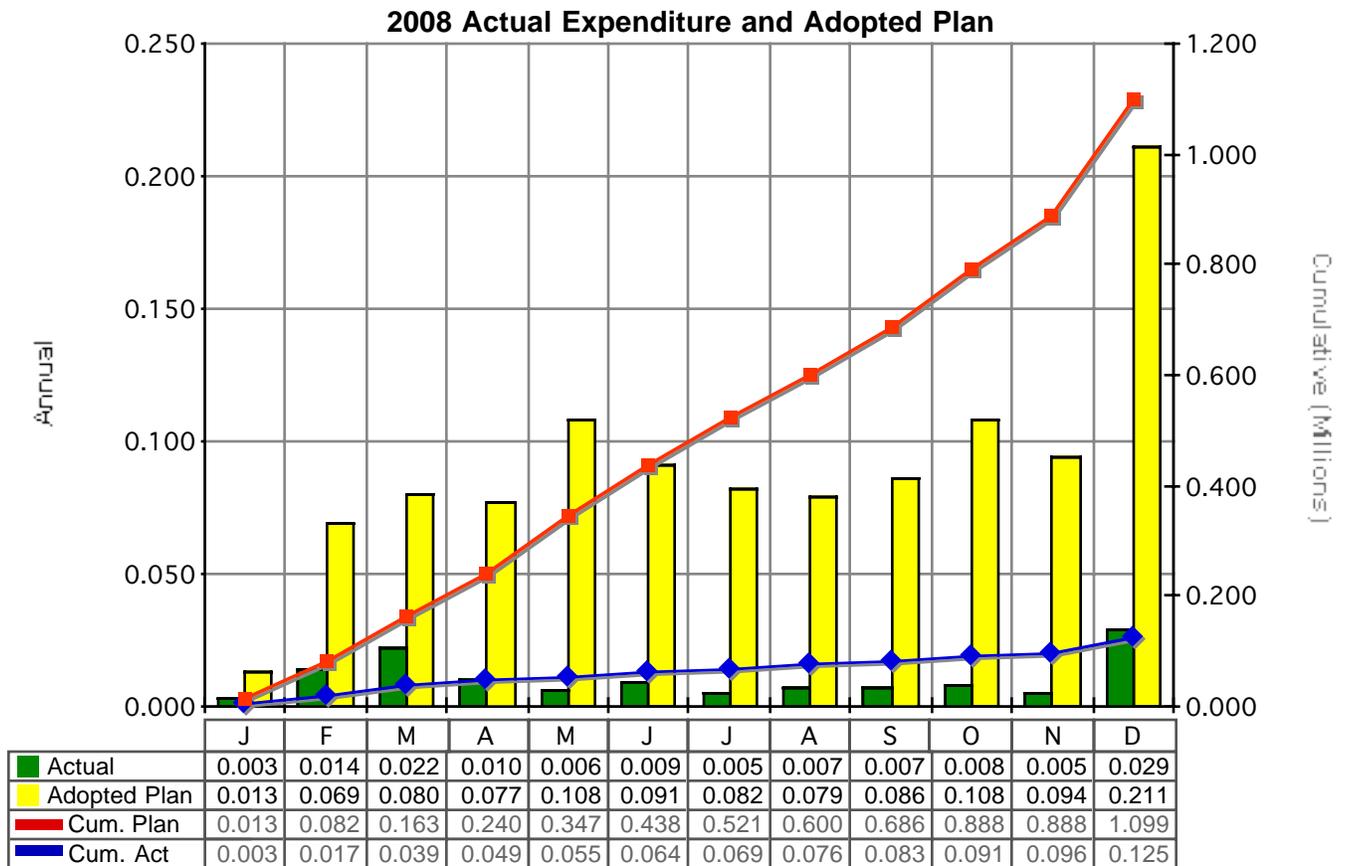
King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Contract Status

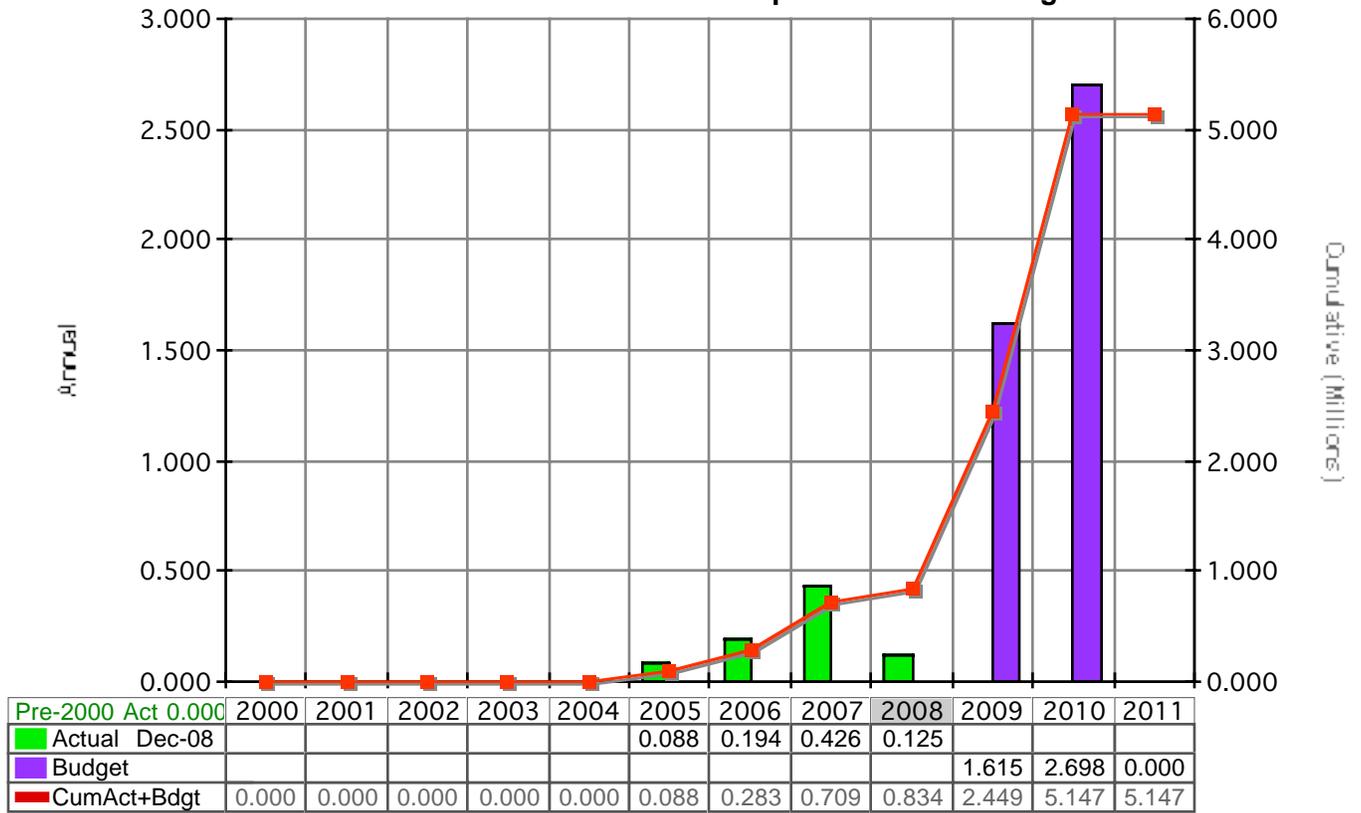
Contract	Original Contract Amount	Phased Amends	Base Contract Amount	Change Amends or COs	Change Percentage	Nbr of Amends/CO's to Date	Current Contract Amount	Amount Paid	Thru Pmt No.	% Paid
West Point Treatment Plant Digestion System	\$382,148	\$0	\$382,148	\$0	0%		\$382,148	\$341,961	24	89%

Annual Cash Flow



Lifetime Cash Flow

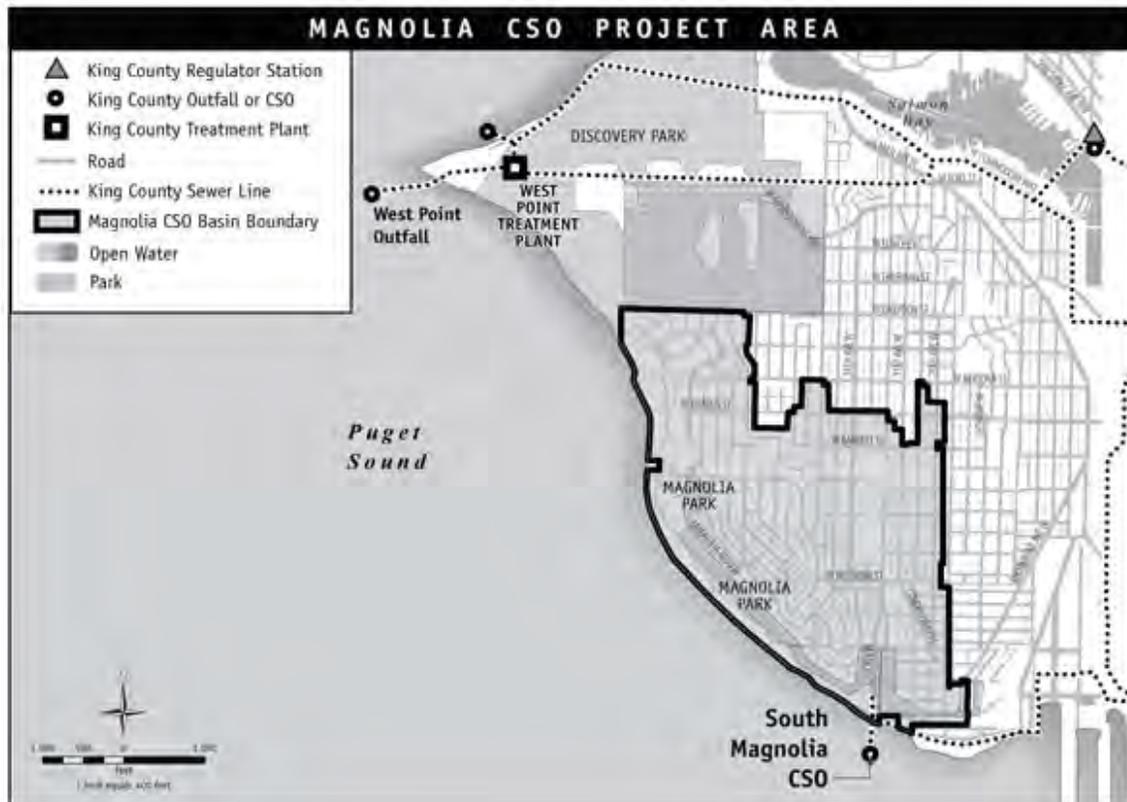
Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423607 CSO Control & Improvements - Magnolia



Project Description

This project will design and construct a Combined Sewer Overflow (CSO) control facility to control the CSOs at the South Magnolia outfall to meet state regulations of no more than one CSO per year per location on average.

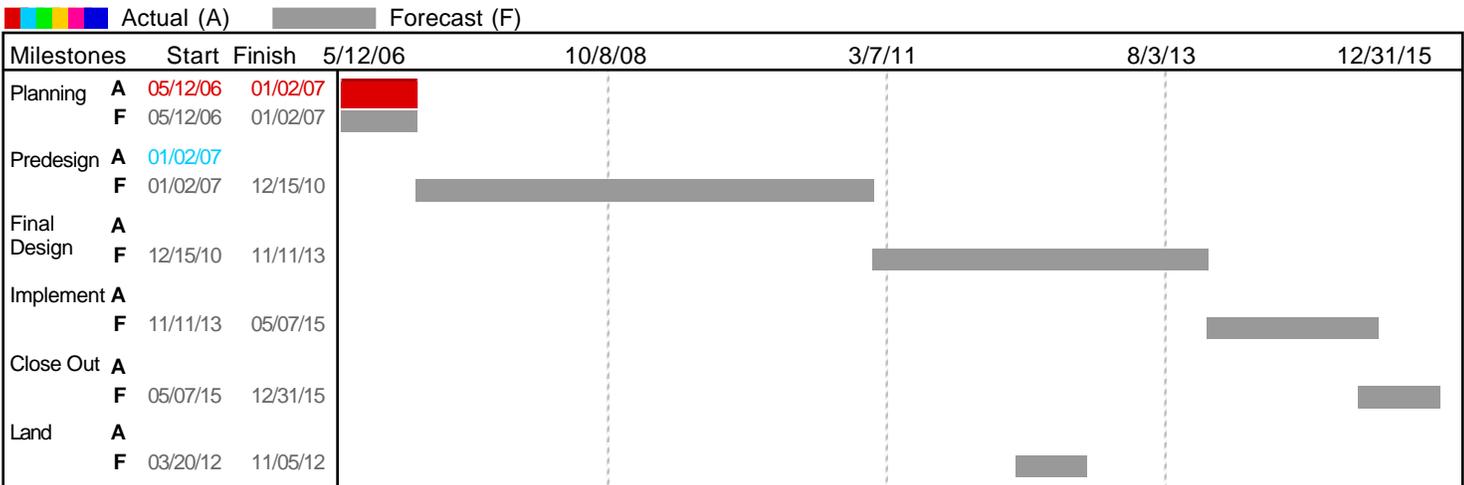
Project Phase: 2 Predesign



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

The project schedule has been extended in order to conduct additional flow monitoring and pump testing to calculate the storage volume needed. This information will be used to evaluate additional project alternatives, including reducing stormwater inflow.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	37,425	0	0	37,425	4,913,453	4,511,917
Construction Contracts	3,090	0	0	3,090	4,796,021	4,396,185
Owner Furnished Equipment	34,335	0	0	34,335	0	0
Outside Agency Construction		0	0	0	9	9
Other Capital Charges		0	0	0	117,422	115,723
NON-CONSTRUCTION	264,557	672,851	457,459	437,046	2,251,047	2,632,392
Engineering	117,408	515,136	362,400	221,589	1,062,389	1,476,441
Planning & Management Svcs.	49,690	0	0	49,690	7	8
Permitting & Other Agency Support		0	0	0	83,587	83,588
Right-of-Way		0	0	0	35,981	35,981
Misc. Services & Materials	6,655	0	0	11,219	0	4,565
Staff Labor	90,805	157,715	95,059	154,548	1,069,084	1,031,811
PROJECT RESERVE		0	0	0	984,246	984,246
Project Reserve		0	0	0	984,246	984,246
Total \$	301,983	672,851	457,459	474,471	8,148,746	8,128,557

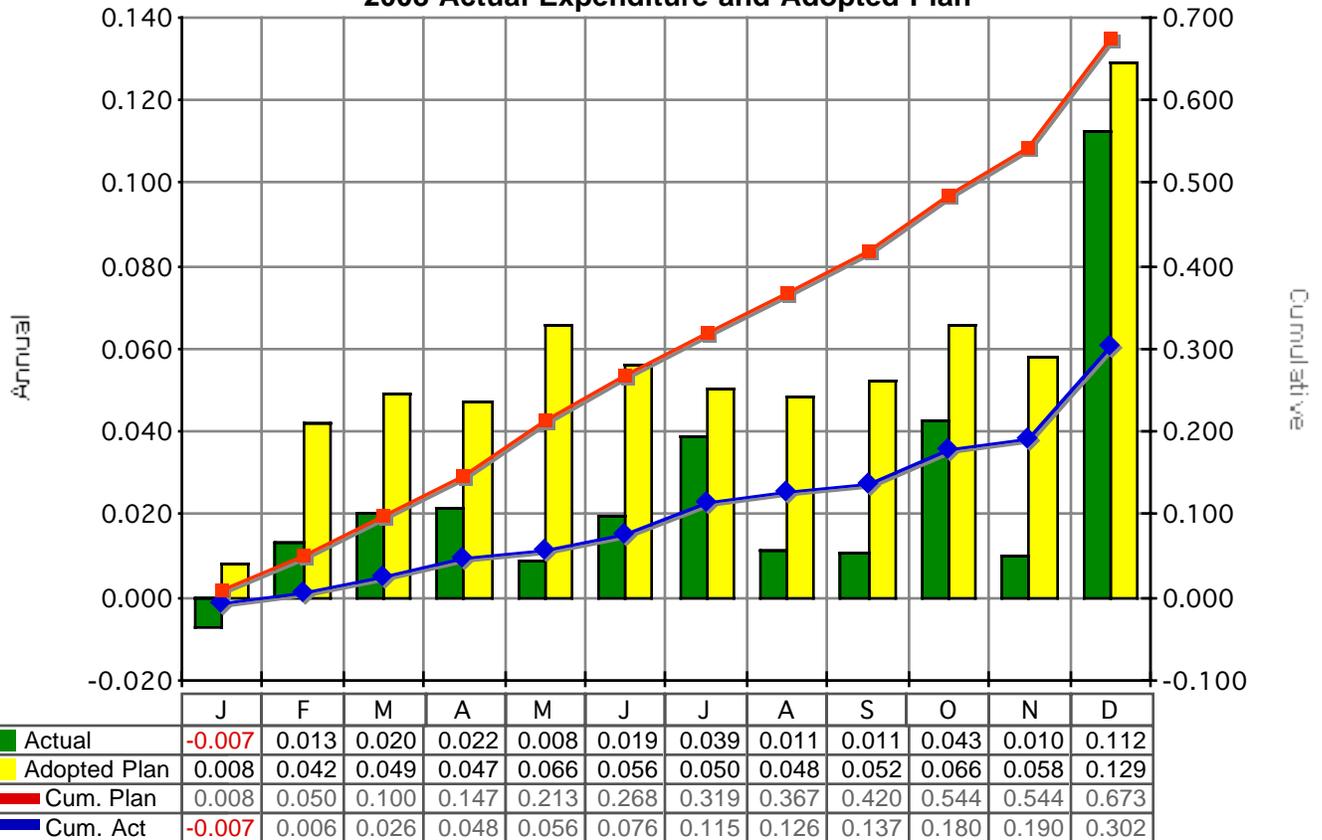
Cost/Budget Adjustments

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
Barton, Murray, Magnolia, & North Beach Combined Sewer E00022E06	\$4,468,869	\$0	\$4,468,869	\$1,545,006	35%	2	\$6,013,874	\$1,084,691	22	18%

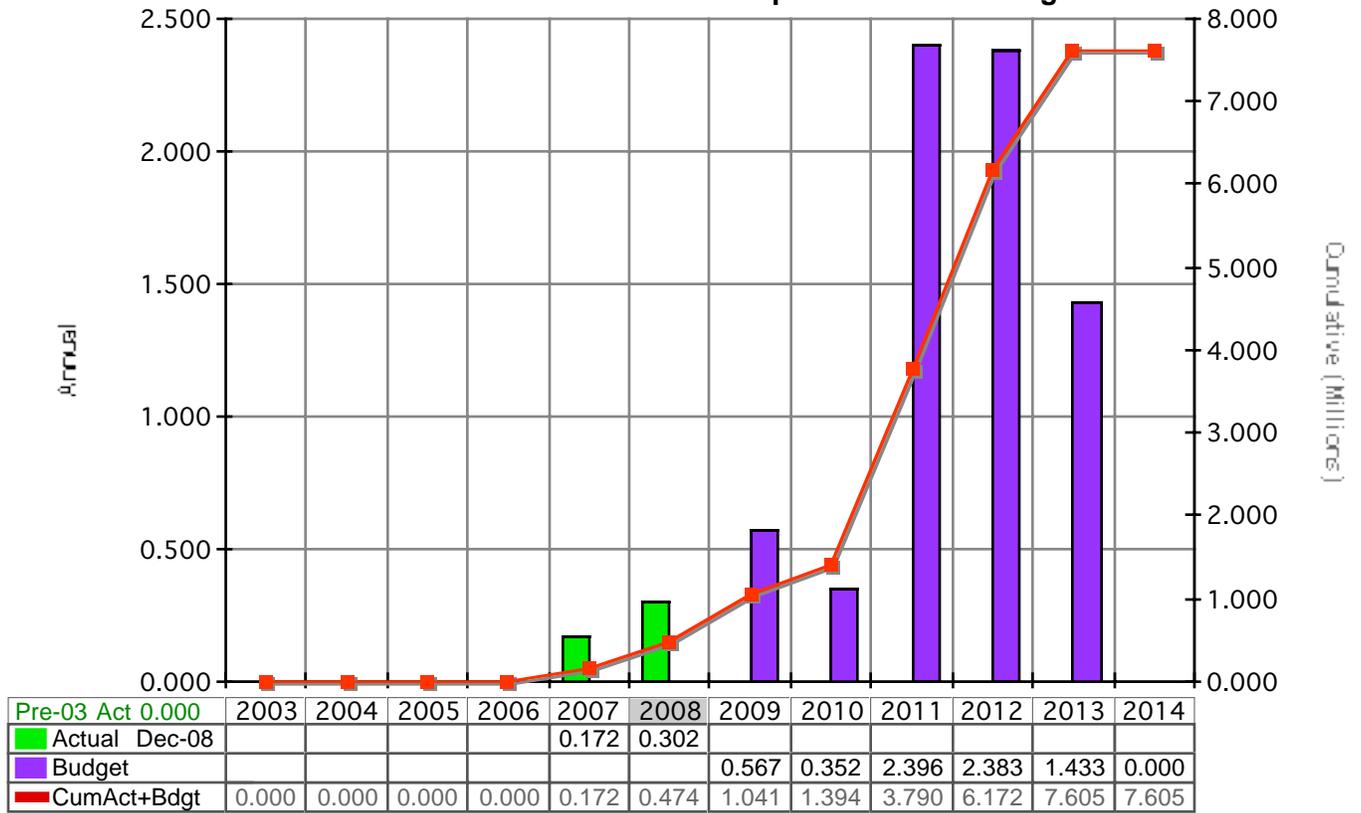
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

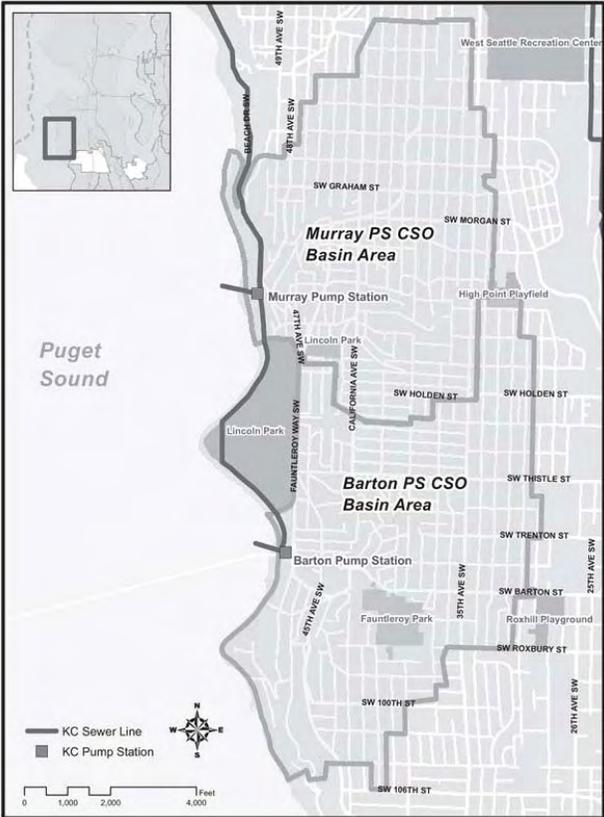
Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423608 CSO Control & Improvements - Murray

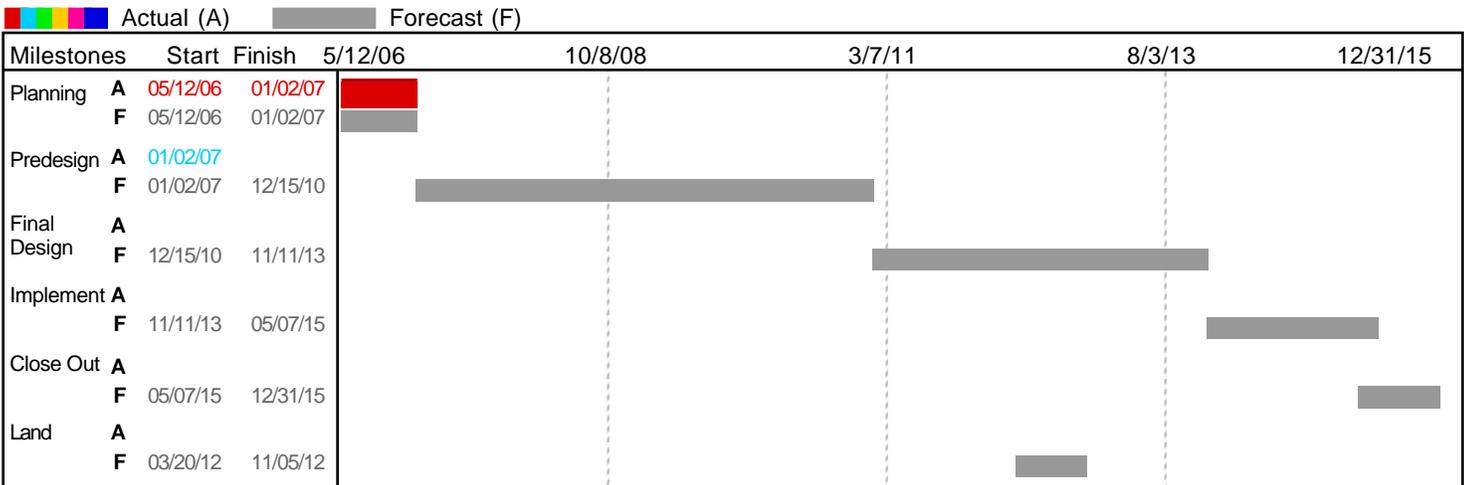


Project Description

This project will design and construct a Combined Sewer Overflow (CSO) control facility or other drainage basin improvements to control the CSOs at the Murray Pump Station to meet state regulations of no more than one CSO per year per location on average.

Project Phase: 1 Development

Milestone Schedule



Schedule Adjustments

The project schedule has been extended in order to conduct additional flow monitoring and pump testing to calculate the storage volume needed. This information will be used to evaluate additional project alternatives, including reducing stormwater inflow.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	30,163	0	0	30,163	3,740,058	3,332,087
Construction Contracts	2,491	0	0	2,491	3,651,724	3,245,032
Owner Furnished Equipment	27,672	0	0	27,672	0	0
Outside Agency Construction		0	0	0	9	9
Other Capital Charges		0	0	0	88,325	87,046
NON-CONSTRUCTION	581,058	727,637	469,807	750,796	2,220,905	2,557,077
Engineering	121,511	617,059	396,051	247,337	1,250,482	1,631,560
Planning & Management Svcs.	32,709	0	0	32,709	7	7
Permitting & Other Agency Support	1,303	0	0	1,303	62,875	62,875
Right-of-Way	318,292	0	0	318,292	113,370	113,370
Misc. Services & Materials	7,872	0	0	10,246	0	2,374
Staff Labor	99,372	110,578	73,756	140,910	794,172	746,891
PROJECT RESERVE		0	0	0	1,261,916	1,261,916
Project Reserve		0	0	0	1,261,916	1,261,916
Total \$	611,221	727,637	469,807	780,959	7,222,879	7,151,080

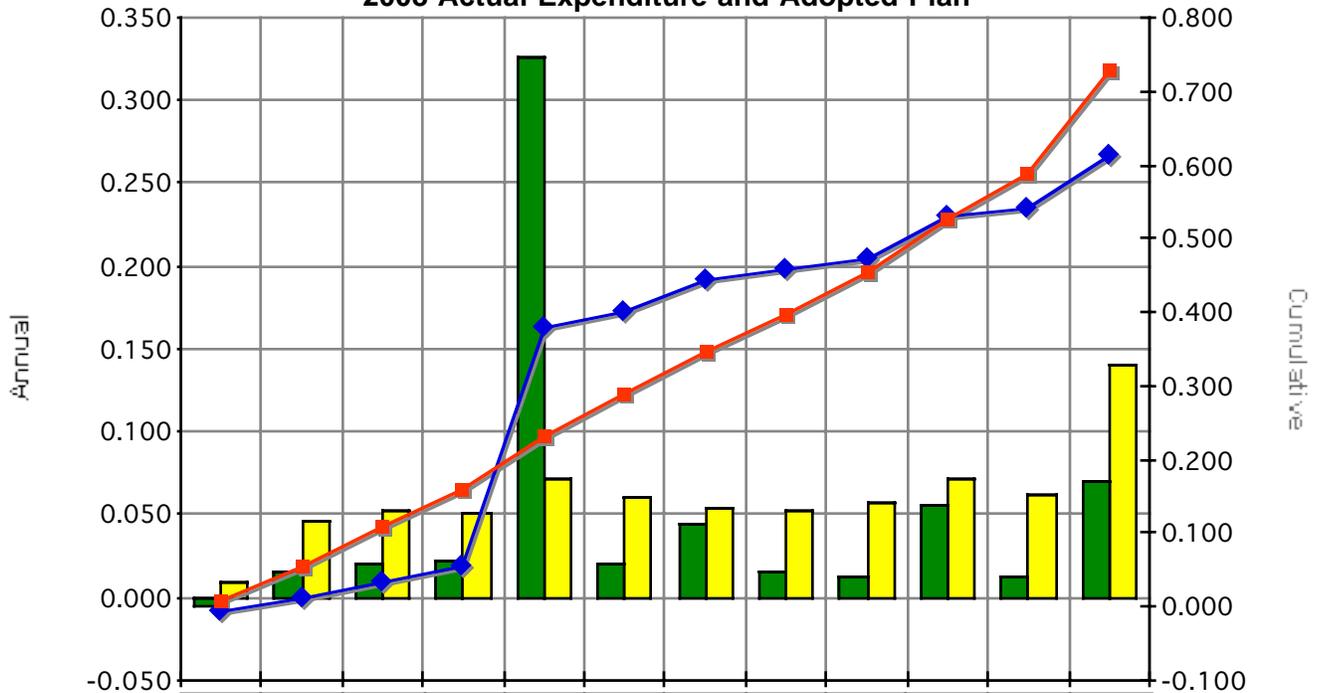
Cost/Budget Adjustments

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
Barton, Murray, Magnolia, & North Beach Combined Sewer E00022E06	\$4,468,869	\$0	\$4,468,869	\$1,545,006	35%	2	\$6,013,874	\$1,084,691	22	18%

Annual Cash Flow

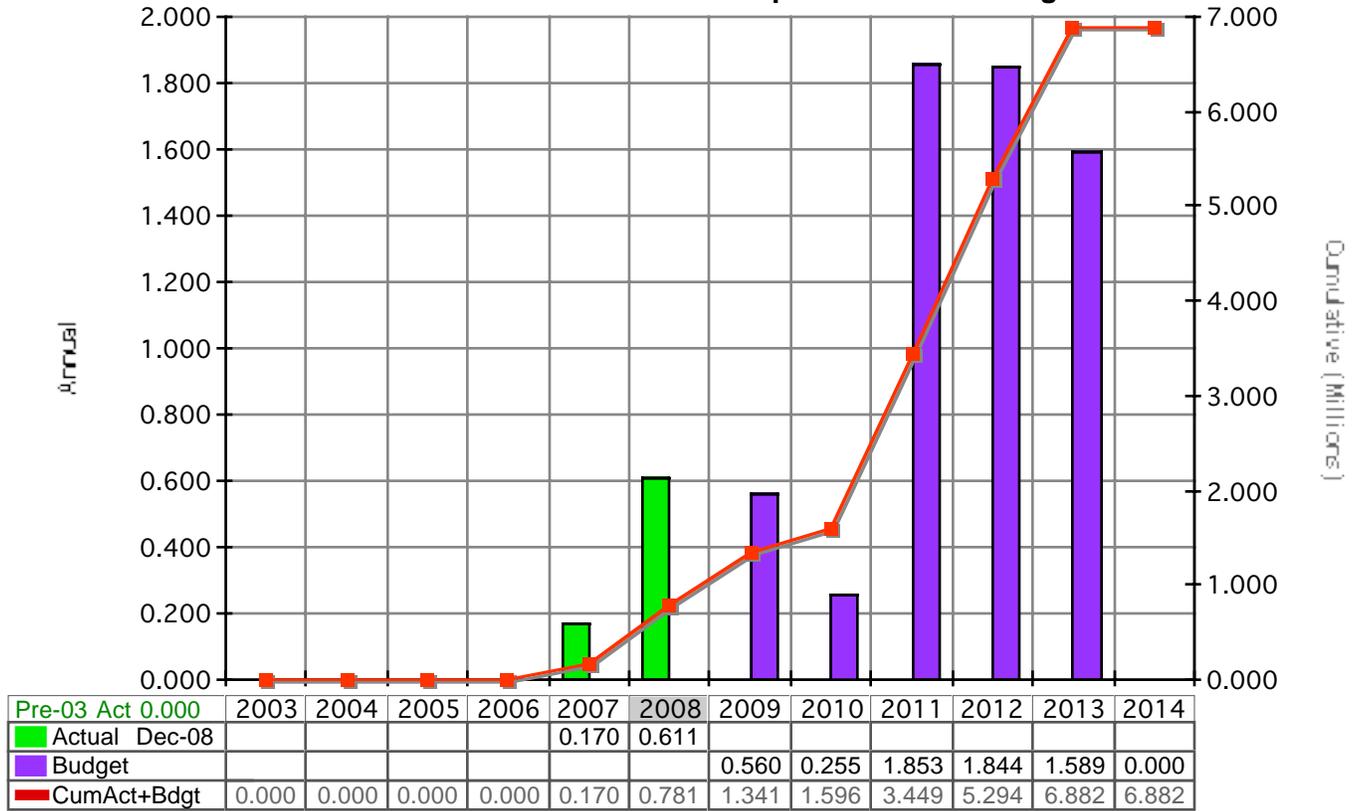
2008 Actual Expenditure and Adopted Plan



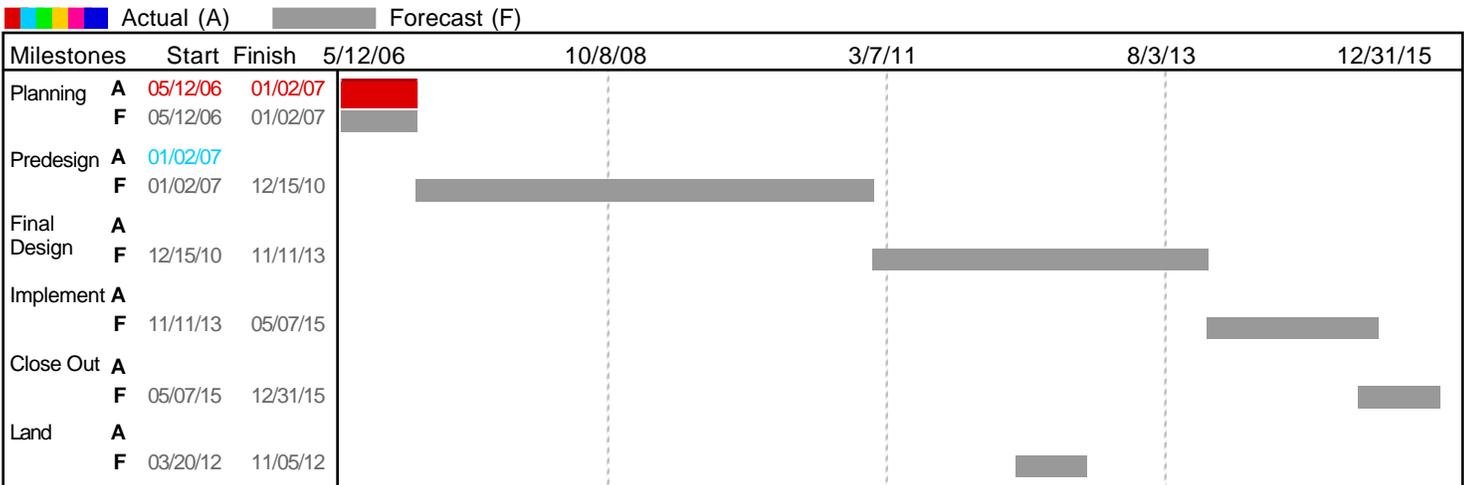
	J	F	M	A	M	J	J	A	S	O	N	D
Actual	-0.005	0.016	0.020	0.022	0.326	0.021	0.044	0.015	0.013	0.056	0.013	0.070
Adopted Plan	0.009	0.046	0.053	0.051	0.071	0.060	0.055	0.052	0.057	0.071	0.063	0.140
Cum. Plan	0.009	0.055	0.108	0.159	0.230	0.290	0.345	0.397	0.454	0.588	0.588	0.728
Cum. Act	-0.005	0.011	0.032	0.053	0.379	0.399	0.444	0.459	0.472	0.528	0.541	0.611

Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



Milestone Schedule



Schedule Adjustments

The project schedule has been extended in order to conduct additional flow monitoring and pump testing to calculate the storage volume needed. This information will be used to evaluate additional project alternatives, including reducing stormwater inflow.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	16,449	0	0	16,449	2,880,440	2,534,731
Construction Contracts	3,090	0	0	3,090	2,831,512	2,486,511
Owner Furnished Equipment	13,359	0	0	13,359	0	0
Outside Agency Construction		0	0	0	9	9
Other Capital Charges		0	0	0	48,919	48,211
NON-CONSTRUCTION	263,197	628,848	432,068	453,289	1,937,145	2,291,382
Engineering	106,926	496,456	357,872	203,185	1,006,077	1,354,783
Planning & Management Svcs.	52,179	0	0	52,179	7	7
Permitting & Other Agency Support		0	0	0	32,505	32,505
Right-of-Way		0	0	0	43,617	43,617
Misc. Services & Materials	8,200	0	0	13,114	0	4,915
Staff Labor	95,893	132,392	74,196	184,811	854,940	855,556
PROJECT RESERVE		0	0	0	1,131,443	1,131,443
Project Reserve		0	0	0	1,131,443	1,131,443
Total \$	279,646	628,848	432,068	469,738	5,949,028	5,957,557

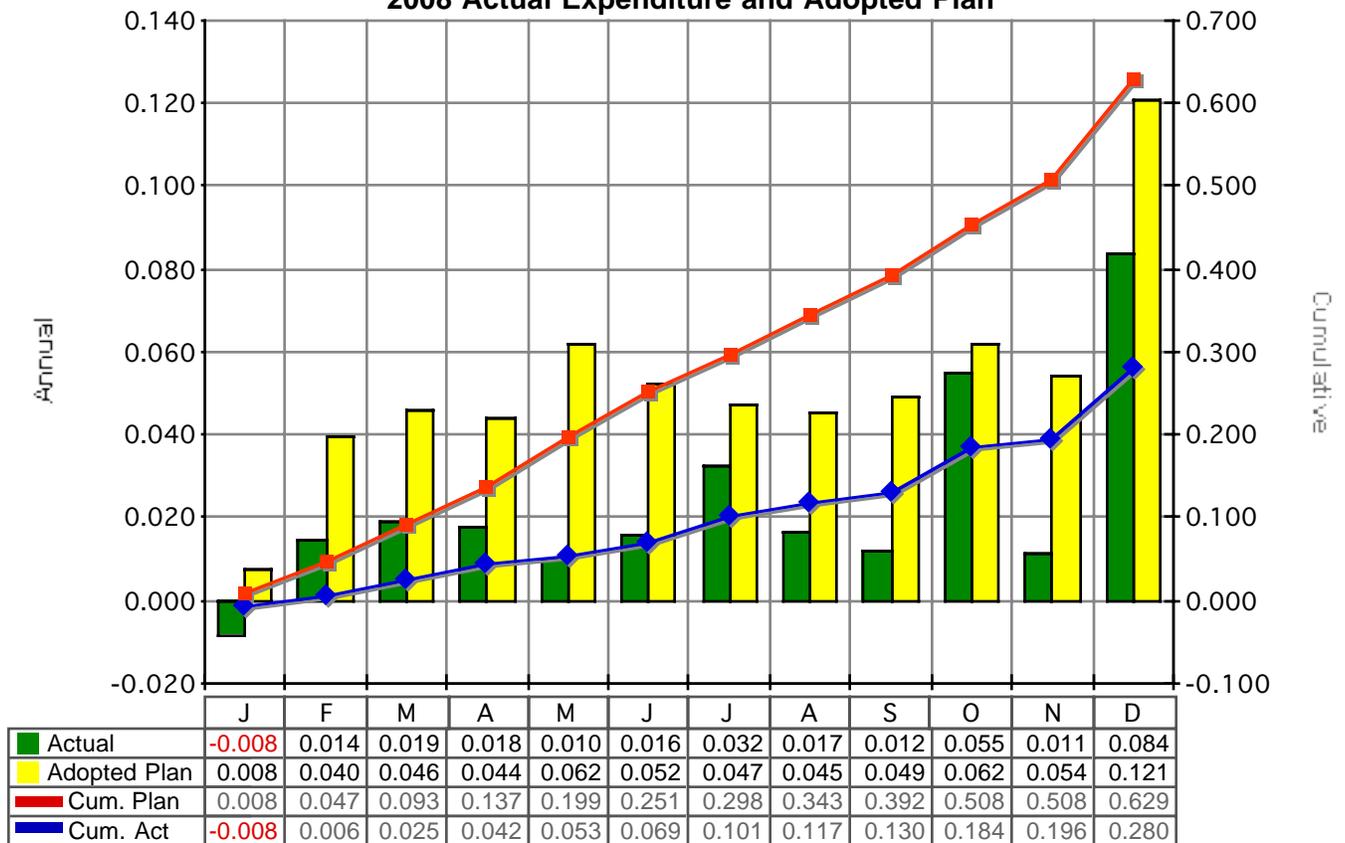
Cost/Budget Adjustments

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
Barton, Murray, Magnolia, & North Beach Combined Sewer E00022E06	\$4,468,869	\$0	\$4,468,869	\$1,545,006	35%	2	\$6,013,874	\$1,084,691	22	18%

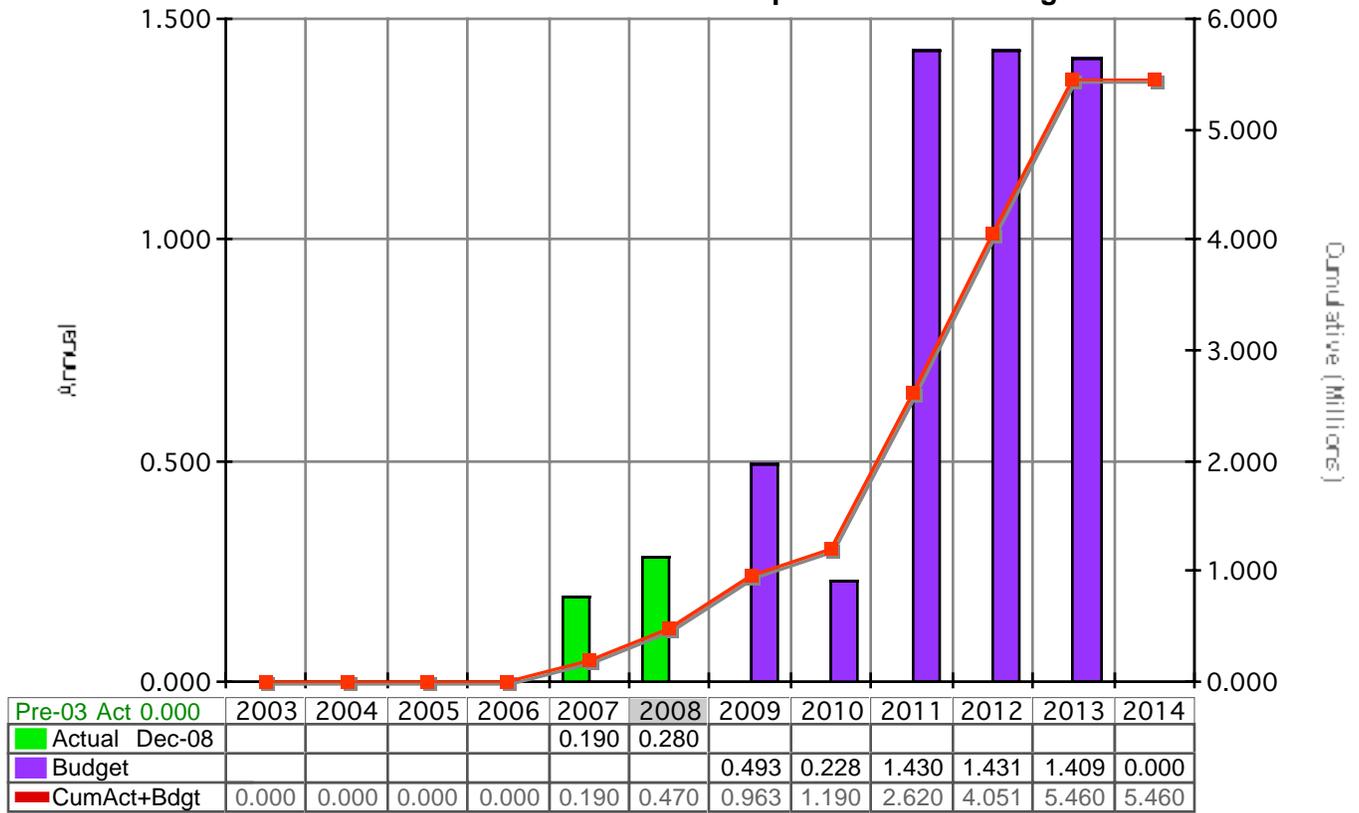
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan

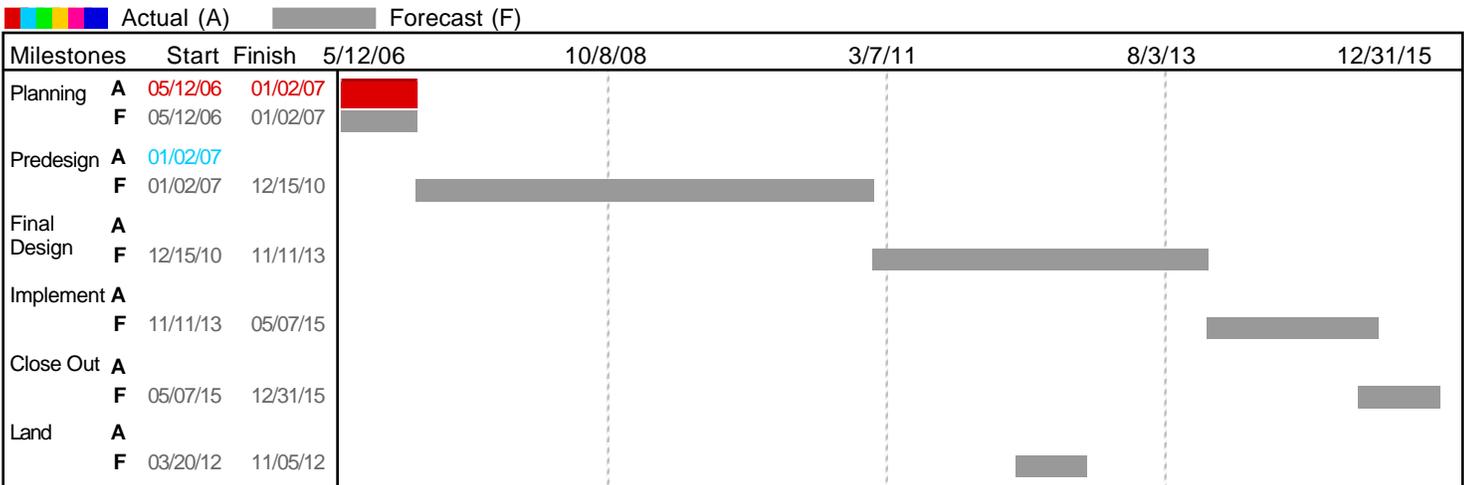


Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



Milestone Schedule



Schedule Adjustments

The project schedule has been extended in order to conduct additional flow monitoring and pump testing to calculate the storage volume needed. This information will be used to evaluate additional project alternatives, including reducing stormwater inflow.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	32,117	15,538	10,902	32,117	6,983,861	6,559,532
Construction Contracts	2,679	0	0	2,679	6,821,253	6,399,271
Owner Furnished Equipment	29,437	0	0	29,437	0	0
Outside Agency Construction		0	0	0	9	9
Other Capital Charges		15,538	10,902	0	162,599	160,252
NON-CONSTRUCTION	664,455	826,347	530,600	890,094	3,033,155	3,187,358
Engineering	131,718	643,208	410,046	273,516	1,502,643	1,695,421
Planning & Management Svcs.	48,964	0	0	52,810	4	3,851
Permitting & Other Agency Support	1,256	0	0	1,256	117,441	117,441
Right-of-Way	318,371	0	0	318,371	1,939	1,940
Misc. Services & Materials	8,461	0	0	14,477	0	6,016
Staff Labor	155,686	183,138	120,554	229,665	1,411,127	1,362,689
PROJECT RESERVE		0	0	0	2,750,169	2,750,169
Project Reserve		0	0	0	2,750,169	2,750,169
Total \$	696,572	841,884	541,502	922,211	12,767,185	12,497,059

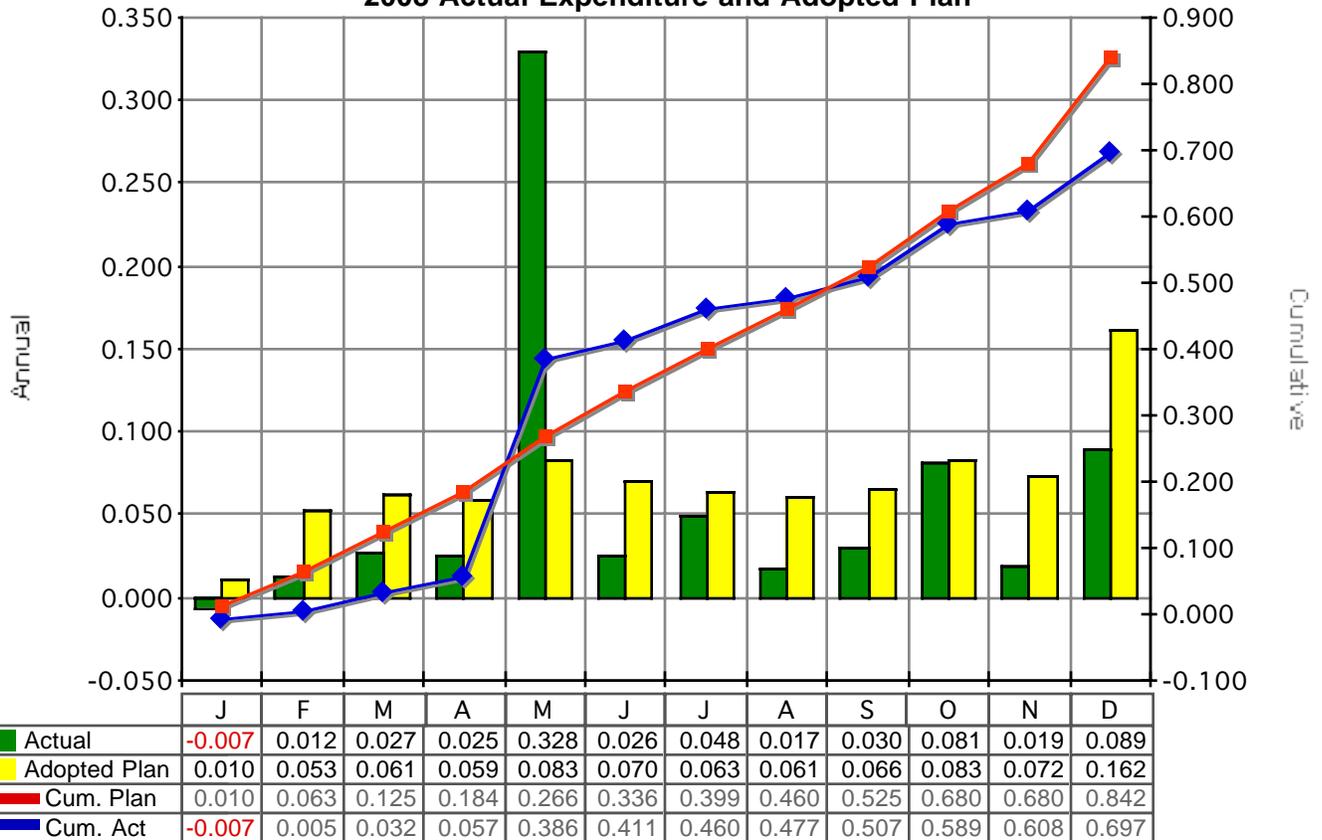
Cost/Budget Adjustments

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
Barton, Murray, Magnolia, & North Beach Combined Sewer E00022E06	\$4,468,869	\$0	\$4,468,869	\$1,545,006	35%	2	\$6,013,874	\$1,084,691	22	18%

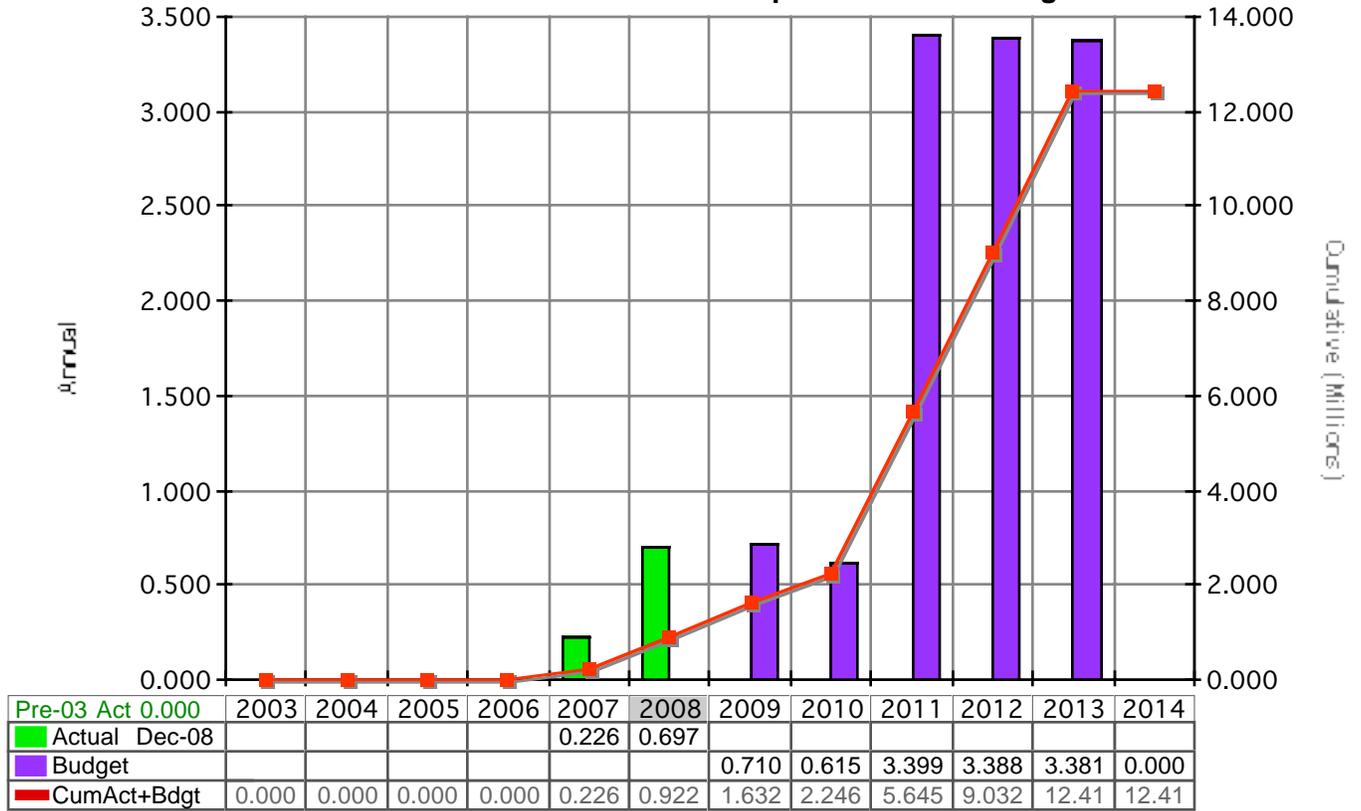
Annual Cash Flow

2008 Actual Expenditure and Adopted Plan



Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



RWSP Project Report

DECEMBER 2008

423368 Sediment Management Plan



Project Description

This project implements King County's Sediment Management Plan (SMP), which addresses sediment contamination cleanups required under federal Comprehensive Environmental Response, Compensation, and Liability Act and state Model Toxic Control Act 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.

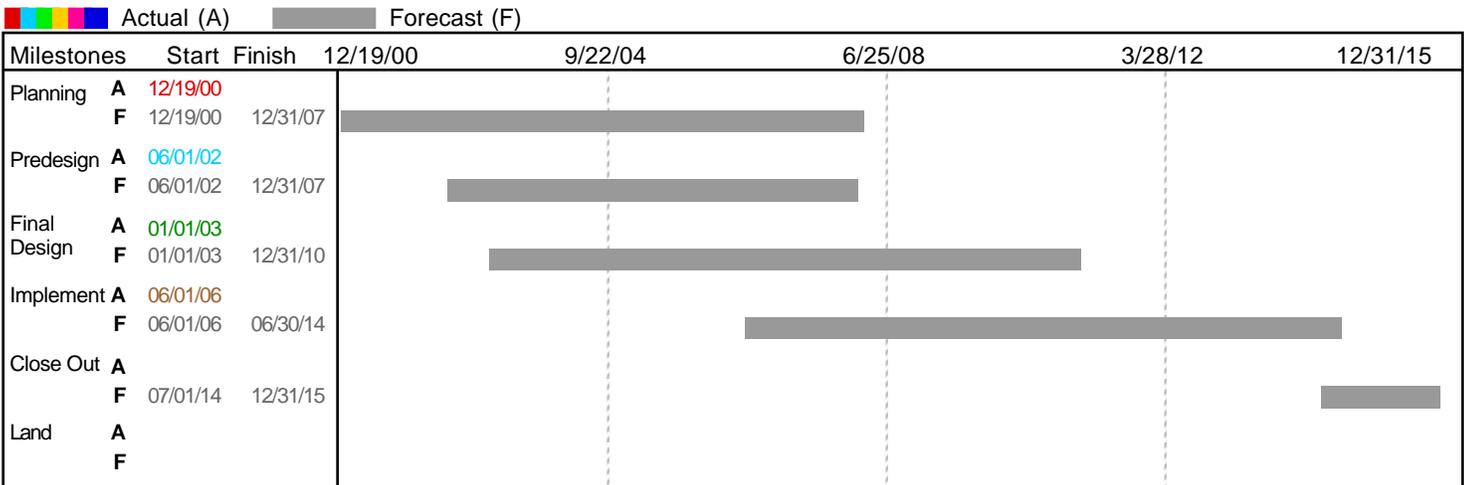
Project Phase: 4 Implementation



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

Milestone Schedule



Schedule Adjustments

The construction schedule for the King, Hanford, and Lander projects has been delayed.

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	1,647,492	1,092,970	2,399,118	3,288,582	30,494,388	32,413,197
Construction Contracts	1,647,492	1,092,970	2,399,118	3,283,170	30,471,172	32,389,981
Owner Furnished Equipment	0	0	0	5,412	5,412	5,412
Other Capital Charges		0	0	0	17,805	17,805
NON-CONSTRUCTION	1,591,114	2,098,177	1,975,619	8,339,956	13,900,935	13,562,026
Engineering	748,111	1,249,918	1,131,729	2,301,198	5,223,553	4,473,512
Planning & Management Svcs.	160,363	0	0	633,550	360,702	473,187
Permitting & Other Agency Support	0	53,045	5,500	96,778	369,467	225,034
Right-of-Way	0		0	2,500		2,500
Misc. Services & Materials	82,695	32,357	28,909	1,785,046	1,801,716	1,828,028
Staff Labor	599,945	762,857	809,482	3,520,885	6,145,497	6,559,764
CREDITS AND REVENUES	-1,486,772	0	0	-1,753,938	-150,639	-267,166
Credits and Revenues	-1,486,772	0	0	-1,753,938	-150,639	-267,166
Total \$	1,751,835	3,191,147	4,374,737	9,874,600	44,244,685	45,708,057

Cost/Budget Adjustments

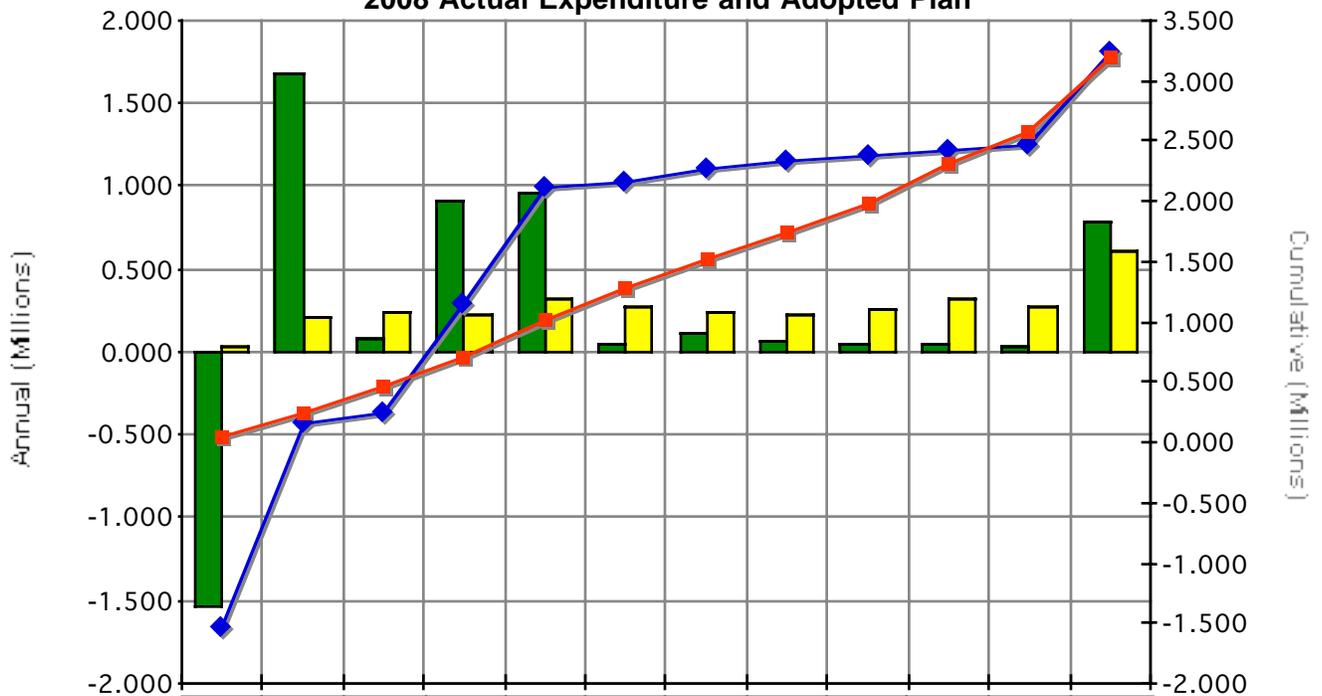
The increase in lifetime budget costs reflects inflation associated with delaying the start of some projects.

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
Denny Remediation	\$3,276,234	\$0	\$3,276,234	\$234,200	7%	1	\$3,510,434	\$3,013,699	3	86%
	C00190C07									
Sediment Management	\$526,052	\$0	\$526,052	\$704,947	134%	2	\$1,230,999	\$671,296	66	55%
	P23009P									
Discharge Modeling for Contaminated Sediment	\$53,692	\$0	\$53,692	\$10,136	19%	1	\$63,828	\$63,383	12	99%
	P03014P									

Annual Cash Flow

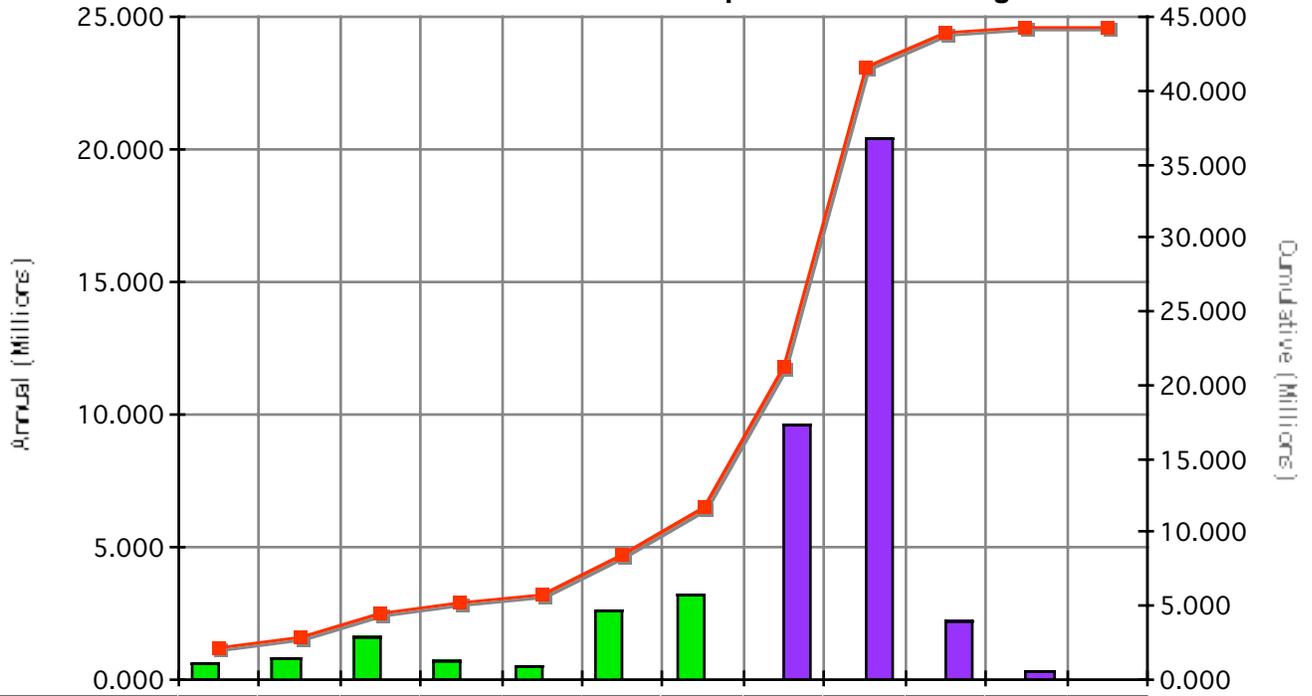
2008 Actual Expenditure and Adopted Plan



	J	F	M	A	M	J	J	A	S	O	N	D
Actual	-1.528	1.681	0.087	0.908	0.962	0.048	0.108	0.065	0.043	0.048	0.039	0.778
Adopted Plan	0.038	0.201	0.233	0.223	0.313	0.265	0.239	0.230	0.249	0.313	0.274	0.613
Cum. Plan	0.038	0.239	0.472	0.696	1.008	1.273	1.513	1.742	1.991	2.578	2.578	3.191
Cum. Act	-1.528	0.152	0.239	1.148	2.110	2.158	2.266	2.331	2.374	2.422	2.460	3.239

Lifetime Cash Flow

Lifetime Actual Expenditure and Budget

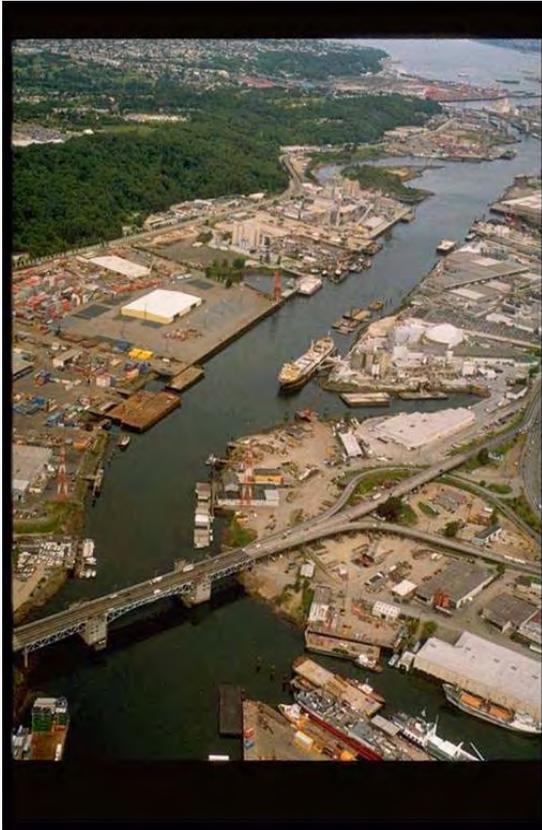


	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Pre-02 Act 1.544												
Actual Dec-08	0.643	0.771	1.577	0.689	0.524	2.642	3.239					
Budget								9.618	20.41	2.241	0.325	0.000
CumAct+Bdgt	2.186	2.957	4.535	5.224	5.748	8.390	11.62	21.24	41.66	43.90	44.22	44.22

RWSP Project Report

DECEMBER 2008

423589 Lower Duwamish Waterway Superfund



Project Description

This project implements the county's shared responsibilities under a signed Administrative Order on Consent to conduct a Remedial Investigation/Feasibility Study for the Lower Duwamish Waterway Superfund Site, conduct source control along the waterway, and pay for U.S. Environmental Protection Agency and Washington State Department of Ecology oversight costs.

Project Phase: 1 Development



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				
Predesign	A						
	F						
Final Design	A						
	F						
Implement	A						
	F						
Close Out	A						
	F						
Land	A						
	F						

Schedule Adjustments

Cost Summary

Expenses	2008 Actual Expenditure and Plan			Lifetime Actual Expenditure and Budget		
	IBIS YTD Dec-08	Adopted Plan	Updated Plan	IBIS LTD Dec-08	Lifetime Budget	Updated Budget
CONSTRUCTION	0	0	0	138	0	138
Construction Contracts	0	0	0	138	0	138
NON-CONSTRUCTION	2,020,855	1,066,260	1,152,690	7,228,611	7,043,370	7,290,976
Engineering	545,436	570,302	618,640	634,388	2,206,160	1,153,989
Planning & Management Svcs.	634,215	0	0	1,519,689	365,930	885,474
Permitting & Other Agency Support	0	0	0	386	120	386
Misc. Services & Materials	42,643	51,500	20,000	2,525,781	2,081,609	2,513,438
Staff Labor	798,561	444,457	514,050	2,548,367	2,389,550	2,737,689
CREDITS AND REVENUES	-186,613	0	0	-2,183,760	-1,121,827	-1,997,146
Credits and Revenues	-186,613	0	0	-2,183,760	-1,121,827	-1,997,146
Total \$	1,834,242	1,066,260	1,152,690	5,044,989	5,921,542	5,293,968

Cost/Budget Adjustments

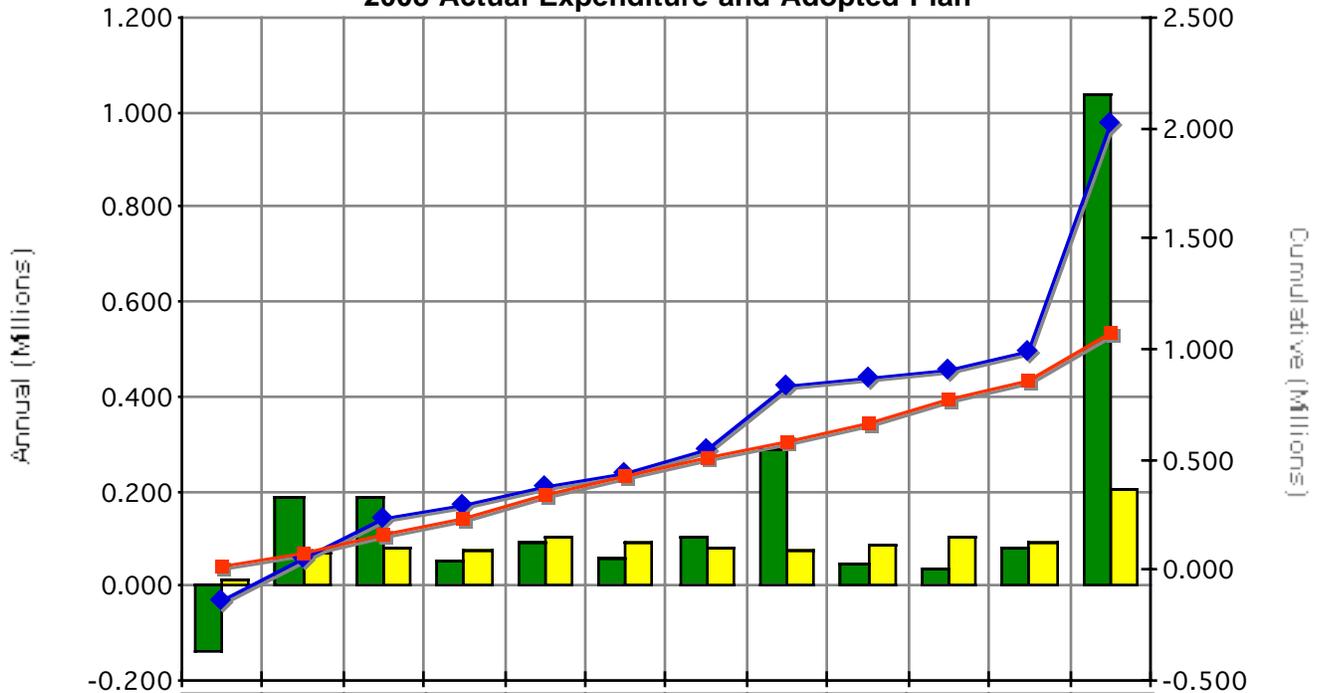
Additional Model Toxic Control Act grant funding has been secured, which has resulted in the lowering of the lifetime budget estimate.

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

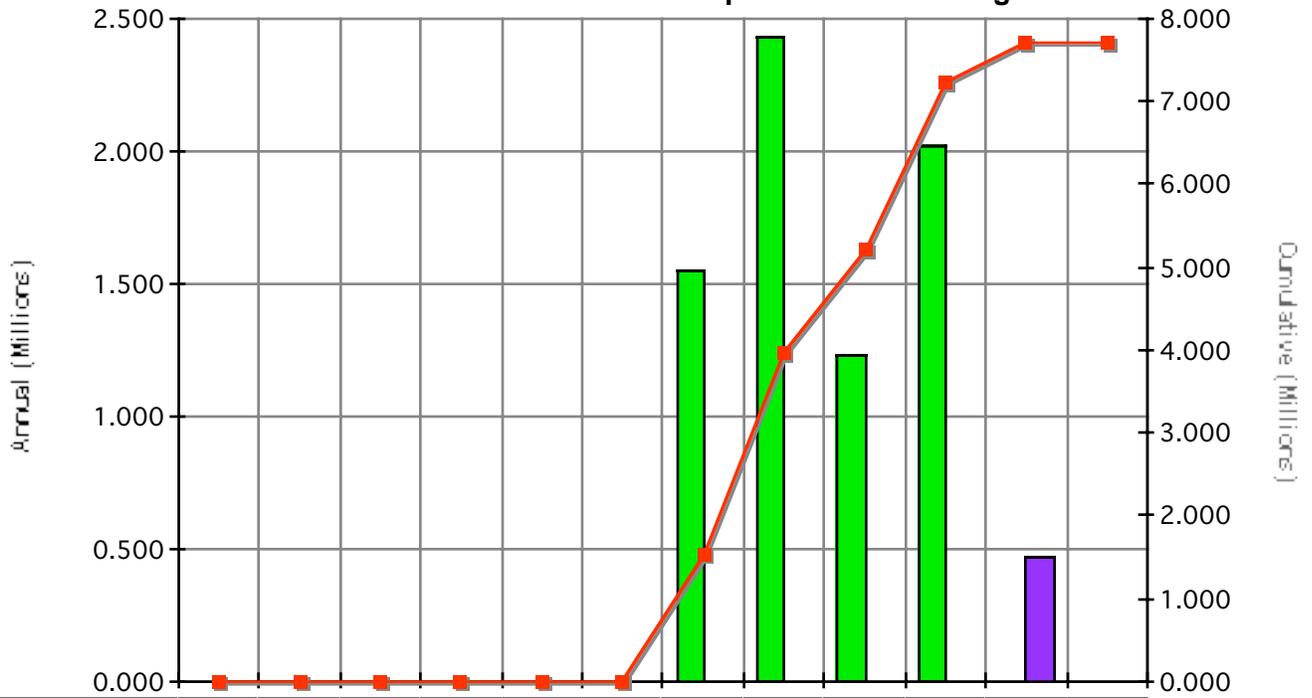
2008 Actual Expenditure and Adopted Plan



	J	F	M	A	M	J	J	A	S	O	N	D
Actual	-0.140	0.188	0.187	0.053	0.092	0.055	0.102	0.289	0.045	0.036	0.077	1.036
Adopted Plan	0.013	0.067	0.078	0.075	0.104	0.088	0.080	0.077	0.083	0.104	0.092	0.205
Cum. Plan	0.013	0.080	0.158	0.232	0.337	0.425	0.505	0.582	0.665	0.862	0.862	1.066
Cum. Act	-0.140	0.048	0.235	0.288	0.381	0.436	0.538	0.827	0.872	0.908	0.985	2.021

Lifetime Cash Flow

Lifetime Actual Expenditure and Budget



Pre-99 Act	0.000	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Actual Dec-08								1.549	2.429	1.230	2.021		
Budget												0.473	0.000
CumAct+Bdgt	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.549	3.978	5.208	7.229	7.702	7.702