



**A20000 SOUTH TREATMENT PLANT**

<b>SOUTH TREATMENT PLANT PROGRAM</b>		<b>COUNCIL DISTRICT 05</b>
<b>FUND:</b> 4616	WASTEWATER TREATMENT CONSTRUCTION FUND	<b>LOCATION</b> SOUTH TREATMENT PLANT
<b>DEPT:</b> 4000	DNR-WASTEWATER TREATMENT	

**DESCRIPTION**

This project will fund the design and construction of three programs: asset management, new facilities and improvements, and odor control to insure the effective operation of the South Treatment plant.

**PROJECT COMPARISON:**

Total Cost Change

**COST DATA:**

FUNDING REQUEST:	\$1,574,292	(2008)
ORIGINAL COST DATA:	\$618,244	(2006)
2008-2013 COST ESTIMATE:	\$19,759,095	
ANNUAL OPERATING COSTS	0	

**STATUS:**

On-going project

**EXPENDITURES**

**PROGRAM PROJECTIONS IN THOUSANDS**

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	2,136	270	0	0	0	0	271,931
002	ACQUISITION	9,607	382	108	0	0	0	499,590
003	CONSTRUCTION	498,601	27	584	379	0	0	1,488,992
004	EQUIPMENT & FURNISHINGS	1,012,906	1,263	1,377	3,937	3,920	4,987	16,496,749
005	CONTINGENCY	37,995	105	103	3	16	587	853,390
007	COUNTY FORCE DESIGN	13,047	70	66	0	0	0	148,443
<b>EXPENDITURE TOTAL</b>		<b>1,574,292</b>	<b>2,117</b>	<b>2,239</b>	<b>4,319</b>	<b>3,936</b>	<b>5,574</b>	<b>19,759,095</b>

**REVENUES**

**ACCOUNT**

88888	PROGRAM REVENUES	0	2,117	2,239	4,319	3,936	5,574	18,184,801
88888	PROGRAM REVENUES	1,574,292	0	0	0	0	0	1,574,292
<b>REVENUE TOTAL</b>		<b>1,574,292</b>	<b>2,117</b>	<b>2,239</b>	<b>4,319</b>	<b>3,936</b>	<b>5,574</b>	<b>19,759,093</b>



## A20100 WEST POINT TREATMENT PLANT

**WEST POINT TREATMENT PLANT PROGRAM**

**COUNCIL DISTRICT 04**

**FUND:** 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

**LOCATION** WEST TREATMENT PLANT

**DEPT:** 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

This project will fund the design and construction of four programs: asset management, new facilities and improvements, odor control, and power management to insure the effective operation of the West Point Treatment plant.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$3,788,969	(2008)
ORIGINAL COST DATA:	\$2,112,597	(2006)
2008-2013 COST ESTIMATE:	\$25,326,805	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	43,906	11	0	0	0	0	54,830
002	ACQUISITION	353,483	31	0	0	0	0	384,472
003	CONSTRUCTION	844,206	141	11	0	0	0	996,310
004	EQUIPMENT & FURNISHINGS	2,215,207	14,837	1,976	762	785	692	21,267,522
005	CONTINGENCY	157,996	157	84	0	0	117	515,812
007	COUNTY FORCE DESIGN	174,171	781	1,153	0	0	0	2,107,859
<b>EXPENDITURE TOTAL</b>		<b>3,788,969</b>	<b>15,958</b>	<b>3,224</b>	<b>762</b>	<b>785</b>	<b>809</b>	<b>25,326,805</b>

## REVENUES

### ACCOUNT

33429	DEPT OF ECOLOGY	0	5,200	0	0	0	0	5,200,000
88888	PROGRAM REVENUES	0	10,758	3,224	762	785	809	16,337,836
88888	PROGRAM REVENUES	3,788,969	0	0	0	0	0	3,788,969
<b>REVENUE TOTAL</b>		<b>3,788,969</b>	<b>15,958</b>	<b>3,224</b>	<b>762</b>	<b>785</b>	<b>809</b>	<b>25,326,805</b>



## A20200 BRIGHTWATER TREATMENT PLANT

**BRIGHTWATER TREATMENT PLANT PROGRAM**

**COUNCIL DISTRICT 10**

**FUND:** 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

**LOCATION** COUNTYWIDE

**DEPT:** 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

Project funds new treatment plant to provide capacity to the wastewater system for the next 30+ years. Facility will be architecturally compatible w/local neighborhood, include wastewater treatment, biosolids, treat some flows for water reuse & odor control.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$117,988,737	(2008)
ORIGINAL COST DATA:	\$50,449,651	(2006)
2008-2013 COST ESTIMATE:	\$209,793,485	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
002	ACQUISITION	499,569	0	0	0	0	0	499,569
003	CONSTRUCTION	4,238,721	3,551	166	0	0	0	7,955,848
004	EQUIPMENT & FURNISHINGS	94,849,348	40,470	17,954	4,968	0	0	158,241,867
005	CONTINGENCY	1,101,098	8	1,259	0	0	0	2,367,686
006	ARTISTIC FURNISHINGS	17,300,001	1,174	0	0	0	0	18,473,919
007	COUNTY FORCE DESIGN	0	0	3,640	18,615	0	0	22,254,596
<b>EXPENDITURE TOTAL</b>		<b>117,988,737</b>	<b>45,203</b>	<b>23,020</b>	<b>23,582</b>	<b>0</b>	<b>0</b>	<b>209,793,485</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	45,203	23,020	23,582	0	0	91,804,748
88888	PROGRAM REVENUES	117,988,737	0	0	0	0	0	117,988,737
<b>REVENUE TOTAL</b>		<b>117,988,737</b>	<b>45,203</b>	<b>23,020</b>	<b>23,582</b>	<b>0</b>	<b>0</b>	<b>209,793,485</b>



## A20300 LOCAL TREATMENT FACILITIES

LOCAL TREATMENT FACILITIES PROGRAM

COUNCIL DISTRICT 10

FUND: 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

LOCATION COUNTYWIDE

DEPT: 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

KC-WTD protects regional public health & water quality for over 1.4 million residents in King, Snohomish & Pierce counties. Project focuses on capital projects established through agreements to address needs of specific communities within service area

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$658,544	(2008)
ORIGINAL COST DATA:	\$925,349	(2006)
2008-2013 COST ESTIMATE:	\$658,544	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
003	CONSTRUCTION	7,357	0	0	0	0	0	7,357
004	EQUIPMENT & FURNISHINGS	539,412	0	0	0	0	0	539,412
005	CONTINGENCY	111,775	0	0	0	0	0	111,775
<b>EXPENDITURE TOTAL</b>		<b>658,544</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>658,544</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	658,544	0	0	0	0	0	658,544
<b>REVENUE TOTAL</b>		<b>658,544</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>658,544</b>



## A20400 CONVEYANCE PIPES AND STORAGE

**CONVEYANCE PIPES AND STORAGE PROGRAM**

**COUNCIL DISTRICT 10**

**FUND:** 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

**LOCATION** COUNTYWIDE

**DEPT:** 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

This project will fund design and construction to maintain existing conveyance and storage systems and create new conveyance and storage systems to address future needs.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$38,237,735	(2008)
ORIGINAL COST DATA:	\$64,323,274	(2006)
2008-2013 COST ESTIMATE:	\$154,004,269	
ANNUAL OPERATING COSTS		0

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	22,889	0	0	0	0	0	22,889
002	ACQUISITION	1,193,498	144	0	0	0	0	1,337,949
003	CONSTRUCTION	3,423,732	2,741	2,198	266	304	0	8,932,582
004	EQUIPMENT & FURNISHINGS	31,132,434	30,222	12,565	21,549	20,776	17,233	133,477,666
005	CONTINGENCY	353,208	368	449	30	193	1,302	2,695,511
006	ARTISTIC FURNISHINGS	1,579,505	0	0	0	8	0	1,587,620
007	COUNTY FORCE DESIGN	532,469	3,041	2,377	0	0	0	5,950,052
<b>EXPENDITURE TOTAL</b>		<b>38,237,735</b>	<b>36,516</b>	<b>17,588</b>	<b>21,846</b>	<b>21,281</b>	<b>18,535</b>	<b>154,004,269</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	36,516	17,588	21,846	21,281	18,535	115,766,534
88888	PROGRAM REVENUES	38,237,735	0	0	0	0	0	38,237,735
<b>REVENUE TOTAL</b>		<b>38,237,735</b>	<b>36,516</b>	<b>17,588</b>	<b>21,846</b>	<b>21,281</b>	<b>18,535</b>	<b>154,004,269</b>



## A20500 CONVEYANCE PUMP STATION

**CONVEYANCE PUMP STATION PROGRAM**

**COUNCIL DISTRICT 10**

**FUND:** 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

**LOCATION** COUNTYWIDE

**DEPT:** 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

This project will fund the design and construction of four programs: asset management, new facilities and improvements, odor control, and power management to insure the effective operation of the Conveyance Pump Stations.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$44,822,000	(2008)
ORIGINAL COST DATA:	\$11,541,251	(2006)
2008-2013 COST ESTIMATE:	\$60,874,279	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	1,713	6	0	0	0	0	8,026
002	ACQUISITION	515,964	13	2	0	0	0	530,921
003	CONSTRUCTION	2,133,586	2,095	543	127	0	13	4,911,525
004	EQUIPMENT & FURNISHINGS	39,649,533	4,561	1,454	614	454	5	46,737,092
005	CONTINGENCY	642,645	338	323	209	248	247	2,007,331
006	ARTISTIC FURNISHINGS	185,705	11	0	0	0	0	196,443
007	COUNTY FORCE DESIGN	1,692,854	1,218	240	0	0	3,333	6,482,941
<b>EXPENDITURE TOTAL</b>		<b>44,822,000</b>	<b>8,241</b>	<b>2,561</b>	<b>949</b>	<b>702</b>	<b>3,599</b>	<b>60,874,279</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	8,241	2,561	949	702	3,599	16,052,278
88888	PROGRAM REVENUES	44,822,000	0	0	0	0	0	44,822,000
<b>REVENUE TOTAL</b>		<b>44,822,000</b>	<b>8,241</b>	<b>2,561</b>	<b>949</b>	<b>702</b>	<b>3,599</b>	<b>60,874,278</b>



## A20600 COMBINED SEWER OVERFLOW (CSO) CONTROL

<b>COMBINED SEWER OVERFLOW (CSO) CONTROL</b>		<b>COUNCIL DISTRICT 10</b>
<b>FUND:</b> 4616	WASTEWATER TREATMENT CONSTRUCTION FUND	<b>LOCATION</b> COUNTYWIDE
<b>DEPT:</b> 4000	DNR-WASTEWATER TREATMENT	

### DESCRIPTION

This project will fund the design and construction of two programs: new facilities and improvements and remediation to insure the effective control of Combined Sewer Overflow (CSO).

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$4,324,553	(2008)
ORIGINAL COST DATA:	\$31,033,680	(2006)
2008-2013 COST ESTIMATE:	\$117,614,752	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

OPTION	TITLE	2008	PROGRAM PROJECTIONS IN THOUSANDS					TOTAL
			2009	2010	2011	2012	2013	
001	MASTER PLAN & DESIGN	12,197	27	0	0	0	0	39,479
002	ACQUISITION	1,228,828	76	27	0	0	0	1,331,891
003	CONSTRUCTION	1,105,648	22,308	2,059	441	58	0	25,971,189
004	EQUIPMENT & FURNISHINGS	1,765,496	9,560	24,949	4,652	27,947	11,950	80,823,198
005	CONTINGENCY	32,134	241	145	127	822	1,080	2,446,781
006	ARTISTIC FURNISHINGS	0	96	99	0	0	0	194,903
007	COUNTY FORCE DESIGN	180,250	0	499	0	0	6,128	6,807,311
<b>EXPENDITURE TOTAL</b>		<b>4,324,553</b>	<b>32,308</b>	<b>27,777</b>	<b>5,220</b>	<b>28,827</b>	<b>19,158</b>	<b>117,614,752</b>

## REVENUES

ACCOUNT	2008	2009	2010	2011	2012	2013	TOTAL
88888 PROGRAM REVENUES	0	32,308	27,777	5,220	28,827	19,158	113,290,199
88888 PROGRAM REVENUES	4,324,553	0	0	0	0	0	4,324,553
<b>REVENUE TOTAL</b>	<b>4,324,553</b>	<b>32,308</b>	<b>27,777</b>	<b>5,220</b>	<b>28,827</b>	<b>19,158</b>	<b>117,614,752</b>



## A20700 INFILTRATION AND INFLOW (I/I) CONTROL

INFILTRATION AND INFLOW (I/I) CONTROL PROGRAM COUNCIL DISTRICT 10

FUND: 4616 WASTEWATER TREATMENT CONSTRUCTION FUND LOCATION COUNTYWIDE

DEPT: 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

The Executive's Recommended Regional I/I Control Program prepared by WTD Staff was submitted and approved by Council in June 2006. The 2008 WTD CIP request reflects a budget to continue planning efforts and to fund implementation of 2-3 cost effective I/I candidates selected in collaboration with local agencies from a list of projects previously identified in a benefit/cost analysis.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	(\$11,660,168)	(2008)
ORIGINAL COST DATA:	\$18,710,496	(2006)
2008-2013 COST ESTIMATE:	\$13,123,887	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	3,219	0	0	0	0	0	3,219
002	ACQUISITION	1,380,511	40	0	0	0	0	1,420,075
003	CONSTRUCTION	179,180	3,543	0	156	0	0	3,878,165
004	EQUIPMENT & FURNISHINGS	(13,223,931)	10,398	0	9,360	0	0	6,534,129
005	CONTINGENCY	0	22	0	0	192	0	214,431
007	COUNTY FORCE DESIGN	853	12	0	904	106	51	1,073,868
<b>EXPENDITURE TOTAL</b>		<b>(11,660,168)</b>	<b>14,015</b>	<b>0</b>	<b>10,420</b>	<b>299</b>	<b>51</b>	<b>13,123,887</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	14,015	0	10,420	299	51	24,784,056
88888	PROGRAM REVENUES	(11,660,168)	0	0	0	0	0	(11,660,168)
<b>REVENUE TOTAL</b>		<b>(11,660,168)</b>	<b>14,015</b>	<b>0</b>	<b>10,420</b>	<b>299</b>	<b>51</b>	<b>13,123,888</b>



## A20800 BIOSOLIDS RECYCLING

**BIOSOLIDS RECYCLING PROGRAM**

**COUNCIL DISTRICT 10**

**FUND:** 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

**LOCATION** COUNTYWIDE

**DEPT:** 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

This project will fund the design and construction of two programs: asset management and new facilities and improvements to continue the reliable and stable production of biosolids for use in agriculture, forestry, and composting.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$934,308	(2008)
ORIGINAL COST DATA:	\$253,615	(2006)
2008-2013 COST ESTIMATE:	\$6,767,701	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	2,575	0	0	0	0	0	2,575
002	ACQUISITION	12,875	0	0	0	0	0	12,875
003	CONSTRUCTION	22,170	6	0	0	0	0	28,359
004	EQUIPMENT & FURNISHINGS	773,597	447	3,806	389	708	451	6,575,538
005	CONTINGENCY	16,872	0	5	0	0	20	42,135
007	COUNTY FORCE DESIGN	106,219	0	0	0	0	0	106,219
<b>EXPENDITURE TOTAL</b>		<b>934,308</b>	<b>453</b>	<b>3,811</b>	<b>389</b>	<b>708</b>	<b>471</b>	<b>6,767,701</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	453	3,811	389	708	471	5,833,393
88888	PROGRAM REVENUES	934,308	0	0	0	0	0	934,308
<b>REVENUE TOTAL</b>		<b>934,308</b>	<b>453</b>	<b>3,811</b>	<b>389</b>	<b>708</b>	<b>471</b>	<b>6,767,701</b>



## A20900 WATER REUSE

### WATER REUSE PROGRAM

COUNCIL DISTRICT 10

FUND: 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

LOCATION COUNTYWIDE

DEPT: 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

Project funds future water reuse, water supply planning, water conservation, & a reclaimed water comprehensive plan. WTD will construct dedicated pipelines to move reclaimed water from Brightwater TP to potential customers along the effluent tunnel.

### PROJECT COMPARISON:

Total Cost Change: adding comp plan

### COST DATA:

FUNDING REQUEST:	\$10,353,303	(2008)
ORIGINAL COST DATA:	\$8,516,691	(2006)
2008-2013 COST ESTIMATE:	\$19,728,863	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	1,045,253	966	225	0	0	0	2,236,298
002	ACQUISITION	358,805	0	0	0	0	0	358,805
003	CONSTRUCTION	1,515,324	253	16	0	0	0	1,784,640
004	EQUIPMENT & FURNISHINGS	7,305,654	3,111	0	324	0	0	10,740,853
005	CONTINGENCY	25,267	447	390	338	0	0	1,200,773
006	ARTISTIC FURNISHINGS	103,000	80	82	0	0	0	264,521
007	COUNTY FORCE DESIGN	0	0	1,759	1,384	0	0	3,142,973
<b>EXPENDITURE TOTAL</b>		<b>10,353,303</b>	<b>4,857</b>	<b>2,473</b>	<b>2,046</b>	<b>0</b>	<b>0</b>	<b>19,728,863</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	4,857	2,473	2,046	0	0	9,375,560
88888	PROGRAM REVENUES	10,353,303	0	0	0	0	0	10,353,303
<b>REVENUE TOTAL</b>		<b>10,353,303</b>	<b>4,857</b>	<b>2,473</b>	<b>2,046</b>	<b>0</b>	<b>0</b>	<b>19,728,863</b>



## A21000 ENVIRONMENTAL LABORATORY

**ENVIRONMENTAL LABORATORY PROGRAM**

**COUNCIL DISTRICT 04**

**FUND:** 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

**LOCATION** ENVIRONMENTAL LAB

**DEPT:** 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

The Environmental Lab provides sampling and performs trace organic, trace metal, conventional chemistry, microbiological, and bioassay determinations for samples collected from wastewater streams, industrial discharges, water bodies, and biosolids sites.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$702,772	(2008)
ORIGINAL COST DATA:	\$706,141	(2006)
2008-2013 COST ESTIMATE:	\$4,984,038	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
004	EQUIPMENT & FURNISHINGS	684,004	699	713	900	955	1,013	4,965,270
007	COUNTY FORCE DESIGN	18,768	0	0	0	0	0	18,768
<b>EXPENDITURE TOTAL</b>		<b>702,772</b>	<b>699</b>	<b>713</b>	<b>900</b>	<b>955</b>	<b>1,013</b>	<b>4,984,038</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	699	713	900	955	1,013	4,281,266
88888	PROGRAM REVENUES	702,772	0	0	0	0	0	702,772
<b>REVENUE TOTAL</b>		<b>702,772</b>	<b>699</b>	<b>713</b>	<b>900</b>	<b>955</b>	<b>1,013</b>	<b>4,984,038</b>



## A21100 CENTRAL FUNCTIONS

### CENTRAL FUNCTIONS PROGRAM

COUNCIL DISTRICT 10

FUND: 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

LOCATION COUNTYWIDE

DEPT: 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

Replace aging plant control systems. Improve & integrate reporting and tracking of project data within WTD to track productivity goals. Development of the HCP/ Programmatic Biological Assessment (PBA) and appropriation for emergency capital projects.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$14,738,367	(2008)
ORIGINAL COST DATA:	\$4,253,594	(2006)
2008-2013 COST ESTIMATE:	\$175,834,460	
ANNUAL OPERATING COSTS	0	

### STATUS:

On-going project

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
001	MASTER PLAN & DESIGN	0	699	713	900	955	1,013	4,281,303
002	ACQUISITION	300,896	63	1	428	6,878	7,481	15,152,173
003	CONSTRUCTION	951,610	429	51	940	10,317	11,222	23,911,295
004	EQUIPMENT & FURNISHINGS	13,333,346	788	1,028	1,608	20,989	22,444	60,190,865
005	CONTINGENCY	152,515	833	579	2,772	21,295	22,076	47,707,195
006	ARTISTIC FURNISHINGS	0	278	7	642	10,577	11,323	22,825,661
007	COUNTY FORCE DESIGN	0	0	983	0	185	597	1,765,968
<b>EXPENDITURE TOTAL</b>		<b>14,738,367</b>	<b>3,091</b>	<b>3,363</b>	<b>7,289</b>	<b>71,196</b>	<b>76,157</b>	<b>175,834,460</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	3,091	3,363	7,289	71,196	76,157	161,096,093
88888	PROGRAM REVENUES	14,738,367	0	0	0	0	0	14,738,367
<b>REVENUE TOTAL</b>		<b>14,738,367</b>	<b>3,091</b>	<b>3,363</b>	<b>7,289</b>	<b>71,196</b>	<b>76,157</b>	<b>175,834,460</b>



## A21201 MINOR ASSET MANAGEMENT - ELECTRICAL / I&C

**MINOR ASSET MANAGEMENT - ELECTRICAL / I&C**      **COUNCIL DISTRICT 10**  
**FUND:** 4616      WASTEWATER TREATMENT      **LOCATION** COUNTYWIDE  
                         CONSTRUCTION FUND  
**DEPT:** 4000      DNR-WASTEWATER TREATMENT

### DESCRIPTION

Projects in this category improve the electrical and instrumentation controls at wastewater facilities, including lighting, power generators, motors, and process control systems. Many projects result from replacing electrical equipment that has served its useful life or is obsolete.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$2,354,873	(2008)
ORIGINAL COST DATA:	\$1,993,325	(2006)
2008-2013 COST ESTIMATE:	\$17,381,643	
ANNUAL OPERATING COSTS	0	

### STATUS:

Ongoing program of minor asset replacement - Electrical/Instrumentation and Control .

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
004	EQUIPMENT & FURNISHINGS	2,109,957	2,120	1,614	2,902	3,088	3,180	15,013,862
005	CONTINGENCY	244,916	267	354	474	506	521	2,367,781
<b>EXPENDITURE TOTAL</b>		<b>2,354,873</b>	<b>2,387</b>	<b>1,968</b>	<b>3,377</b>	<b>3,594</b>	<b>3,702</b>	<b>17,381,643</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	2,387	1,968	3,377	3,594	3,702	15,026,770
88888	PROGRAM REVENUES	2,354,873	0	0	0	0	0	2,354,873
<b>REVENUE TOTAL</b>		<b>2,354,873</b>	<b>2,387</b>	<b>1,968</b>	<b>3,377</b>	<b>3,594</b>	<b>3,702</b>	<b>17,381,643</b>



## A21202 MINOR ASSET MANAGEMENT - MECHANICAL UPGRADE AND

MINOR ASSET MANAGEMENT - MECHANICAL

COUNCIL DISTRICT 10

FUND: 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

LOCATION COUNTYWIDE

DEPT: 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

These projects replace or upgrade mechanical systems such as piping, hydraulic systems, and heating and ventilation systems that have served their useful life. Mechanical projects are also implemented to improve efficiency, provide safety for operators, and to meet current codes.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$1,971,648	(2008)
ORIGINAL COST DATA:	\$1,538,373	(2006)
2008-2013 COST ESTIMATE:	\$18,262,886	
ANNUAL OPERATING COSTS	0	

### STATUS:

Ongoing program of minor asset replacement - Mechanical Equipment.

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
004	EQUIPMENT & FURNISHINGS	1,677,847	2,278	2,303	2,837	3,153	3,248	15,497,036
005	CONTINGENCY	293,801	374	429	540	556	573	2,765,850
<b>EXPENDITURE TOTAL</b>		<b>1,971,648</b>	<b>2,652</b>	<b>2,732</b>	<b>3,377</b>	<b>3,710</b>	<b>3,821</b>	<b>18,262,886</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	2,652	2,732	3,377	3,710	3,821	16,291,238
88888	PROGRAM REVENUES	1,971,648	0	0	0	0	0	1,971,648
<b>REVENUE TOTAL</b>		<b>1,971,648</b>	<b>2,652</b>	<b>2,732</b>	<b>3,377</b>	<b>3,710</b>	<b>3,821</b>	<b>18,262,886</b>



## A21203 MINOR ASSET MANAGEMENT - ODOR / CORROSION

**MINOR ASSET MANAGEMENT - ODOR / CORROSION**    **COUNCIL DISTRICT 10**  
**FUND:** 4616    WASTEWATER TREATMENT    **LOCATION** COUNTYWIDE  
                  CONSTRUCTION FUND  
**DEPT:** 4000    DNR-WASTEWATER TREATMENT

### DESCRIPTION

Odor and corrosion control systems are complex and require timely upgrade or replacement to maintain optimum performance.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$0	(2008)
ORIGINAL COST DATA:	\$0	(2006)
2008-2013 COST ESTIMATE:	\$3,458,921	
ANNUAL OPERATING COSTS	0	

### STATUS:

Ongoing program of minor asset replacement - Odor/Corrosion Control.

## EXPENDITURES

OPTION	TITLE	2008	PROGRAM PROJECTIONS IN THOUSANDS					TOTAL
			2009	2010	2011	2012	2013	
004	EQUIPMENT & FURNISHINGS	0	268	464	574	591	1,015	2,912,700
005	CONTINGENCY	0	80	82	101	104	179	546,221
<b>EXPENDITURE TOTAL</b>		<b>0</b>	<b>348</b>	<b>546</b>	<b>675</b>	<b>696</b>	<b>1,194</b>	<b>3,458,921</b>

## REVENUES

ACCOUNT		2008	2009	2010	2011	2012	2013	TOTAL
88888	PROGRAM REVENUES	0	348	546	675	696	1,194	3,458,921
<b>REVENUE TOTAL</b>		<b>0</b>	<b>348</b>	<b>546</b>	<b>675</b>	<b>696</b>	<b>1,194</b>	<b>3,458,921</b>



## A21204 MINOR ASSET MANAGEMENT - PIPELINE REPLACEMENT

MINOR ASSET MANAGEMENT - PIPELINE

COUNCIL DISTRICT 10

FUND: 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

LOCATION COUNTYWIDE

DEPT: 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

The pipeline replacements listed in this category are primarily treatment support systems. This piping conveys fluids such as potable and non-potable water, sludge, gases, chemicals, and air.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$1,430,194	(2008)
ORIGINAL COST DATA:	\$1,673,118	(2006)
2008-2013 COST ESTIMATE:	\$13,863,339	
ANNUAL OPERATING COSTS	0	

### STATUS:

Ongoing program of minor asset replacement - Pipeline Replacement

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
004	EQUIPMENT & FURNISHINGS	1,200,145	1,768	1,858	2,153	2,217	2,537	11,733,320
005	CONTINGENCY	230,049	309	328	380	391	448	2,085,461
007	COUNTY FORCE DESIGN	0	45	0	0	0	0	44,558
<b>EXPENDITURE TOTAL</b>		<b>1,430,194</b>	<b>2,122</b>	<b>2,185</b>	<b>2,532</b>	<b>2,608</b>	<b>2,985</b>	<b>13,863,339</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	2,122	2,185	2,532	2,608	2,985	12,433,145
88888	PROGRAM REVENUES	1,430,194	0	0	0	0	0	1,430,194
<b>REVENUE TOTAL</b>		<b>1,430,194</b>	<b>2,122</b>	<b>2,185</b>	<b>2,532</b>	<b>2,608</b>	<b>2,985</b>	<b>13,863,339</b>



## A21205 MINOR ASSET MANAGEMENT - PROCESS REPLACEMENT

MINOR ASSET MANAGEMENT - PROCESS

COUNCIL DISTRICT 10

FUND: 4616 WASTEWATER TREATMENT  
CONSTRUCTION FUND

LOCATION COUNTYWIDE

DEPT: 4000 DNR-WASTEWATER TREATMENT

### DESCRIPTION

Projects in this category are designed to enhance or improve the treatment processes by adding redundancy, improving safety, or enhancing maintenance practices.

### PROJECT COMPARISON:

Total Cost Change

### COST DATA:

FUNDING REQUEST:	\$35,399	(2008)
ORIGINAL COST DATA:	\$539,796	(2006)
2008-2013 COST ESTIMATE:	\$14,026,180	
ANNUAL OPERATING COSTS	0	

### STATUS:

Ongoing program of minor asset replacement - Process replacement and improvement.

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
004	EQUIPMENT & FURNISHINGS	0	2,041	2,105	2,407	2,649	2,639	11,839,935
005	CONTINGENCY	35,399	347	354	407	469	573	2,186,245
<b>EXPENDITURE TOTAL</b>		<b>35,399</b>	<b>2,388</b>	<b>2,459</b>	<b>2,814</b>	<b>3,118</b>	<b>3,212</b>	<b>14,026,180</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	2,388	2,459	2,814	3,118	3,212	13,990,781
88888	PROGRAM REVENUES	35,399	0	0	0	0	0	35,399
<b>REVENUE TOTAL</b>		<b>35,399</b>	<b>2,388</b>	<b>2,459</b>	<b>2,814</b>	<b>3,118</b>	<b>3,212</b>	<b>14,026,180</b>



## A21206 MINOR ASSET MANAGEMENT - STRUCTURES/SITE

<b>MINOR ASSET MANAGEMENT - STRUCTURES / SITE</b>	<b>COUNCIL DISTRICT 10</b>
<b>FUND:</b> 4616 WASTEWATER TREATMENT CONSTRUCTION FUND	<b>LOCATION</b> COUNTYWIDE
<b>DEPT:</b> 4000 DNR-WASTEWATER TREATMENT	

### DESCRIPTION

Projects in this category are aimed at making modifications, improvements, or upgrades to the structures, buildings, and property owned by the Wastewater Treatment Division.

### PROJECT COMPARISON:

No significant changes

### COST DATA:

FUNDING REQUEST:	\$718,378	(2008)
ORIGINAL COST DATA:	\$2,838,744	()
2008-2013 COST ESTIMATE:	\$13,149,755	
ANNUAL OPERATING COSTS	0	

### STATUS:

Ongoing program of minor asset replacement - Structures/Site Improvement.

## EXPENDITURES

### PROGRAM PROJECTIONS IN THOUSANDS

OPTION	TITLE	2008	2009	2010	2011	2012	2013	TOTAL
004	EQUIPMENT & FURNISHINGS	357,364	1,955	2,026	2,220	2,245	2,537	11,340,462
005	CONTINGENCY	78,769	151	142	296	347	448	1,461,941
007	COUNTY FORCE DESIGN	282,245	16	16	16	17	0	347,352
<b>EXPENDITURE TOTAL</b>		<b>718,378</b>	<b>2,121</b>	<b>2,184</b>	<b>2,532</b>	<b>2,608</b>	<b>2,985</b>	<b>13,149,755</b>

## REVENUES

### ACCOUNT

88888	PROGRAM REVENUES	0	2,121	2,184	2,532	2,608	2,985	12,431,379
88888	PROGRAM REVENUES	718,378	0	0	0	0	0	718,378
<b>REVENUE TOTAL</b>		<b>718,378</b>	<b>2,121</b>	<b>2,184</b>	<b>2,532</b>	<b>2,608</b>	<b>2,985</b>	<b>13,149,757</b>