

## **Memorandum**

To: Diane Gabriel, P.E., General Manager

Montecito Sanitary District

From: Grant Hoag, P.E.

Date: May 3, 2010

Subject: Montecito Sanitary District Updated Connection Fees

The purpose of this memo is to document the assumptions, findings and conclusions of our update of the Montecito Sanitary District (MSD) connection fees. The existing connection fee is \$3,250 per equivalent residential unit (ERU); it was enacted in 2004. The MSD service area is nearly built out, but has existing but unused capacity for a limited number of new residences and commercial businesses.

Using the capacity available for new sewer connections, and the existing investment in system-wide facilities, we recommend that the existing connection fee be increased to \$7,320 per ERU. This new fee is calculated from the capital asset investments made by the District to develop capacity in the wastewater system for the benefit of future customers. The new fee will reimburse existing customers for their investments in the MSD facilities that has remaining capacity that is available to future customers. With this fee, which has been calculated consistent with State Government Codes, any future customer growth will "pay for itself" without being a burden on existing customers.

We also recommend that, based on the findings of this study, a schedule of new connection fees be enacted for future non-residential customers using their connected water demand levels. Finally, we recommend that the updated fee be increased periodically based on the inflationary escalations in facility construction costs.

The study findings are based on the analysis in the attached tables. The tables summarize MSD system capacities and the value of capital assets as of 6/30/09, and identify the following values:

- Connection fees defined in dollars per equivalent residential unit (ERU); and
- Connection fees based on ERUs per unit of water demand associated with sewage discharged from low, medium, and high sewage strength commercial dischargers.

# Background

MSD is required by state law to provide sewer services to all new development. In addition to future development of residential parcels and increases in services at existing commercial businesses, there are at least 350 unsewered residences within the service area on septic systems; many located adjacent to existing sewer pipelines. MSD has a policy of supporting the sewer system hook-ins for these residences, but requires that "growth pay for itself," and that the connection fee be set at a level that can compensate existing customers for their investment in conveyance and treatment facility capacity that will be available for new customers seeking to connect to the system. This connection fee is calculated from the value of the MSD facilities that are available to serve new connections.

MSD Resolution 2004-816 provides the current connection fees. As shown below, the fees are based on a variety of customer types; typical connection fee classes are provided below:

Connection Type	<b>Billing Unit</b>	<u>Charge</u>
Single family residence	Dwelling Unit	\$3,250
Clubs, Halls	Member average daily attendance (ADA)	\$200 to \$325
Commercial (low to high strength sewage)	Employee ADA	\$200 to \$875
Schools (day or resident)	Student ADA	\$245 to \$875
Restaurant	Seat	\$435

In addition to the connection fee, MSD also charges new hookups for construction inspection and requires a performance bond deposit.

### **Connection Fee Calculation Guidelines**

California Government Code Sections 66000 - 66024 enacted by Assembly Bill 1600 are the primary regulations applicable to the development and recovery of connection fees. These regulations are applicable only to cities with statutory authority to regulate growth. As such, MSD is not restricted by government code for the determination of connection fees. For cities regulated by this code, the three key requirements are:

- There must be a nexus between the facility costs and the connection fees.
- The proceeds of the connection fees must be segregated from other funds.
- The revenues must be "committed" to a project within five years of receipt.

Although MSD is not legally required to comply with these connection fees codes, it is recommended that the calculation be consistent with these methods. As such, the calculations described below are based on the nexus between fee amounts and MSD capital values.

# Calculation Methodology

There are two methods available to utilities for developing connection fees that recover the cost of capacity available for new service. These are the Average Cost Buy-in and the Incremental Growth-Related Cost methods. The later method is appropriate only for utilities that have significant expansion-related capital projects. Since MSD has limited unused capacity, and because there are no planned expansion projects, calculation of connection fees using the Average Cost Buy-in Method is used herein. This method is particularly appropriate for utilities serving near built-out communities, and is based solely on the value of existing assets.

With the proposed Average Cost Buy-in Method, connection fees are based on the average existing investment per connection. In this study the investment is calculated from the replacement value of the existing fixed assets, less the depreciation. This analysis has escalated the original cost of the fixed assets by the regional index for construction cost inflation, and calculates the new replacement value of assets; the facility values identified herein are based on the replacement cost new less depreciation (RCNLD) of the fixed assets. In addition to the fixed asset value of the system facilities, MSD's cash assets are also included in the value of a new connection. Connection fees are based solely on asset values, and exclude operating costs.

The values of MSD's fixed and cash assets are divided by the system customers to determine the unit value of each connection fee. A single unit value of the fixed assets is based on the system's build-out capacity, while the unit value of MSD's cash assets is based on the number of existing customers.

Connection fees are imposed only upon new customers. Without a usage history for these new customers, MSD must base the connection fee on the anticipated burden the new customer will place on the system. An effective and popular method for estimating the burden is to calculate the total flow capacity of the system based on the maximum number of equivalent residential units (ERUs) that can be served.

Once that unit cost per residential ERU is developed, it can be extended to non-residential customers. This is done by allocating a unit of ERU load to its components of flow, sewage strength and administration facilities. The estimated sewage discharge flows are proportional to water demands using a water returned to sewer ratio, and the wastewater strength is based on customer classifications. As such, a wastewater connection fee is defined for new non-residential customers based on their class and indoor water demand levels.

# **Connection Fee Schedule Development**

The calculations of ERU values are presented in Tables 1 through 7, plus Appendix A. The calculations result in proposed connection fee schedules. Each table and calculation step is described below.

### **Table 1 MSD Sewer Service Capacity**

The purpose of Table 1 is to identify the average customer discharge capacity of the sewer system based on flows and loadings. In April 2009, instantaneous peak headwork flows exceeded 1.75 MGD, while the MSD rated plant capacity of 1.5 MGD of average annual flows. The average annual influent flows in 2009 were 0.829 MGD.

As shown in Table 1, average monthly customer discharges in 2009 were 0.782 MGD, with collection system inflow and infiltration (I/I) during the rainy season increasing average flows and suspended solids loading at the treatment plant headworks. MSD capacity, excluding the facilities' handling I/I loading, is 0.415 MGD, 3,286 pounds per day (ppd) of biochemical oxygen demand (BOD), and 3,659 ppd of total suspended solids (TSS). Based on this system capacity, divided by the average discharge from a single-family dwelling, the MSD system has an equivalent residential capacity of 7,684 ERUs.

#### Table 2 MSD Fixed Asset Value

The purpose of Table 2 is to summarize MSD's existing fixed asset values. As shown, based on 445 different assets listed in Appendix A, the current replacement cost new less depreciation (RCNLD) of the fixed assets is \$56 million. The replacement cost of the entire system is \$122 million, and the accumulated depreciation is \$66 million. The subsurface pipeline value is the most significant MSD asset, with the original cost of \$20 million now exceeding a replacement value of \$98 million. Due to the 75 year life of these pipes, the RCNLD value of pipes is \$46 of the \$56 million for the entire MSD system.

## Table 3 MSD Updated Connection Fee

The connection fee is calculated by dividing MSD assets by the system capacity identified in Table 1. In addition to the net fixed asset value of \$56 million provided in Table 2, MSD also has debt principal outstanding of \$14.8 million, and appropriated but unspent bond proceeds of \$6.2 million that have been allocated to facility project construction. As such, net fixed asset value is \$47.5 million, and the unit facilities fee is \$6,185 per ERU. The total cash reserves are \$4.8 million; with current customers of 4,247 ERUs the unit cash asset fee is \$1,141 per ERU. Combined, the total asset value for future growth is \$7,326 per ERU. We recommend that this connection fee be rounded to \$7,300 per ERU for administrative convenience. In the following tables this charge is allocated among wastewater loading units to calculate a connection fee for new non-residential customers.

#### **Table 4 MSD Fixed Asset Allocations**

The purpose of Table 4 is to calculate how the net asset values are allocated among the wastewater discharge loading categories. These loading categories are wastewater flows, BOD and TSS loads, and account-based administration facilities. As shown, for each asset class (i.e. treatment, solids disposal etc) a cost-causative function is identified for the loading categories. This cost-causative process is used for facilities to recognize the relationship between the costs of a facility and the load factors causing the costs. As shown, all conveyance facilities are allocated to flows, as is 26 percent of the treatment plant. The result is that 92 percent is assigned to the flow-based loads of new customer connections, with the remaining value allocated primarily to sewage strength.

### Table 5 MSD Fixed Assets Allocations & Equivalent Residential Unit Values

The purpose of Table 5 is to identify the load amount per loading category for 1.0 ERU, and the value per unit of each load. As shown, the loads of 1.0 ERU are allocated among the categories of wastewater flows, BOD and TSS loads, and administration facility. This allocation is based on the allocation of system values to categories developed in the prior table, and the MSD loading capacities developed in Table 1. As shown, 92 percent of the value per 1.0 ERU, or \$6,752, is allocated to flow. Also developed is that this flow-based value is equal to \$36 per gallon per day (GPD) of estimated 189 GPD of wastewater discharge from 1.0 ERUs. The table also provides ERU loading units (and unit connection rates) for BOD, TSS and new accounts. For example, 1.0 ERU has 0.36 pounds per day (ppd) of BOD and for TSS, with a connection fee value of \$728 per ppd for both. The value per ERU for the administration facility is \$47.

#### **Table 6 MSD Commercial Connection Fees**

The purpose of Table 6 is to tabulate the calculated wastewater connection fee ERU's based on indoor water demands of new customers by class. As shown, we recommend that a new non-residential low to high-strength customers be charged from 0.0038 to 0.0047 ERUs per gpd of indoor water demand, in addition to a flat fee of 0.0064 ERUs per connection for the administrative facilities fee. At the calculated fee of \$7,326 per ERU, these unit rates equal \$28 to \$34 gpd of indoor water demand. As provided in the following section, the non-residential unit connection fees should be periodically updated for inflationary escalations, and can be enacted as units of an ERU to simplify the adjustment process.

Also shown in the table is the unit connection fee for residential strength discharges of 0.0047 ERUs per gpd of indoor water demand, based on a 90 percent return to sewer ratio. This value is provided for charges to single-family dwelling estates on residential parcels which have anticipated loads on the system significantly in excess of typical single-family dwelling residence parcels.

Note also that in addition to the flow-based charges, all new connections must also pay a one-time administrative facilities fee for the value of the MSD administrative headquarters facility. However, the standard rate for 1.0 ERU is based on the inclusion of that administrative facility fee.

### Table 7. Updating of Connection Fees for Inflation

The purpose of Table 7 is to provide tabulated values for MSD Resolution No. 2010-856 Section VIII-Fees Subsection 5 Connection Fees. As shown in the table, all connection fees are listed in ERU billing "units." This is done to simplify periodic updating of the connection fee based on inflationary escalations, without having to modify the table itself. This potential clause in the MSD resolution, as drafted by the Vallejo Sanitation & Flood Control District, is written as:

This [resolution] shall be updated annually on or about the first day of January by an adjustment of all fees contained herein, as set forth below. Said annual adjustment shall, at a minimum, be made by multiplying each fee included in this ordinance by the ratio of the ENR construction Cost Index of [Los Angeles] of the current October, as reported by Engineering News-Record, the McGraw-Hill Construction Weekly. The result of said multiplications shall be rounded to the nearest five dollar (\$5.00) increment to become the fee amounts for the ensuing year, effective sixty (60) days after adoption of the revised fee amounts. Additional increases in the connection fees necessary to recover costs of projected capital improvements shall be at the discretion of the Board of [Directors]. Notwithstanding the foregoing, this section shall not preclude the Board of [Directors] from time-to-time changing the ordinance or adopting fees other than those as provided herein to be effective on any other date.

Under separate cover MSD has been provided with three sample wastewater connection fee resolutions and ordinances enacted by California wastewater districts with treatment capacity, including two with provisions for inflationary escalations based on the Construction Cost Index of the Engineering News Record (ENRCCI). The text shown above is taken from one of the ordinances.

Attachments: Tables 1-7, Appendix A

Table 1 MSD Sewer Service Capacity

Billing Classifications	Dwellings	Accounts	Parcels	Flow (mgd)	BOD (lbs/day)	TSS (lbs/day)	ERU
Residential Accounts	_						
Single-family Dwelling	2,290	2,290	2,290	0.432	829	829	2,290
Other (Condos etc)	1,413	710	710	0.128	246	246	678
Subtotal	3,703	3,000	3,000	0.560	1,075	1,075	2,968
Non-residential Accounts	Avg. Water Use (Hcf/year)						
Low Strength	25,255	57	21	0.039	47	47	199
Medium Strength	107,875	43	19	0.166	574	806	975
High Strength	10,228	3	2	0.016	118	92	98
Residential SFD		8	6	0.001	2	2	6
Condo and 2nd Dwellings		1	2	0.000	0	0	0.4
Subtotal	143,358	112	50	0.222	741	947	1,278
Non-residential Water Use Returned t	o Sewer			75%			
Annual Avg Connection Discharges	•	3,112	3,050	0.782	1,816	2,022	
Average Inflows			_	0.047		1,358	
Total 2009 average flows and influent	strengths			0.829	1,816	3,380	4,247
Plant Capacity				1.500	3,286	6,117	
Plant Capacity Excluding Inflows				1.415	3,286	3,659	7,684

Source: MSD Accts and Revenues Data - 5156 Montecito Tax Roll and MSD Fees for Commercial accounts in FY 2008-09

Table 2
MSD Fixed Asset Value

Description	Lift Stations	Subsurface	Treatment	Disposal	Admin	Total
Number of Assets	69	138	194	5	39	445
Original Cost	\$2,440,747	\$19,618,641	\$8,394,351	\$532,467	\$496,499	\$31,482,704
Depreciation	\$588,791	\$7,219,636	\$3,629,221	\$350,700	\$262,586	\$12,050,935
Original Cost Less Depreciation	\$1,851,956	\$12,399,005	\$4,765,129	\$181,767	\$233,913	\$19,431,770
Replacement Cost New	\$3,556,894	\$98,026,578	\$16,575,454	\$3,066,321	\$765,954	\$121,991,201
Depreciation	\$1,313,508	\$52,359,730	\$9,796,628	\$2,001,504	\$430,719	\$65,902,090
Replacement Cost New Less Depreciation	\$2,243,385	\$45,666,848	\$6,778,826	\$1,064,817	\$335,235	\$56,089,111

In 2004 the total asset value was \$45 million.

Values are as of 6/30/09. The fixed asset valuation calculations are included in Appendix A.

Table 3
MSD Updated Connection Fee

Description	Value
System Value (RCNLD, 6/30/09)	
Admin	\$335,235
Collection (lift stations)	\$2,243,385
Solids (disposal)	\$1,064,817
Subsurface (pipelines)	\$45,666,848
WWTP (treatment)	\$6,778,826
Grand Total Fixed Assets	\$56,089,111
Less Bond Principal Outstanding	(\$14,790,000)
Subtotal	\$41,299,111
Plus Unspent Bond Proceeds for Projects	\$6,225,318
Total Asset Value	\$47,524,429
Build Out Customers (ERUs)	7,684
Facilities Fee (\$/ERU)	\$6,185
Total Cash (3/31/10)	
Reserve funds with LAIF	\$1,620,494
Deprecation fund with SB County	\$1,217,149
Cash with SB County	\$2,006,633
Total Cash	\$4,844,276
Current Customers (ERUs)	4,247
Cash Assets Fee (\$/ERU)	\$1,141
Net System Value (6/30/09)	\$52,368,705
Facilities Fee (\$/ERU)	\$6,185
Liquid Assets Fee (\$/ERU)	\$1,141
Updated Connection Fee (\$/ERU)	\$7,326
Recommended Connection Fee (\$/ERU)	\$7,300
Current Connection Fee	\$3,250

Table 4
MSD Fixed Asset Allocations

Description	Lift Stations	Subsurface	Treatment	Disposal	Administration		Total
Fixed Asset Value	\$2,243,385	\$45,666,848	\$6,778,826	\$1,064,817	\$335,235		\$56,089,111
Plus Unspent Bond Proceeds	\$1,037,553	\$1,037,553	\$4,150,212				\$6,225,318
Less Bonds Outstanding	(\$1,479,000)	(\$4,437,000)	(\$8,874,000)				(\$14,790,000)
Net Asset Value	\$1,801,938		\$2,055,038	\$1,064,817	\$335,235	·	\$47,524,429
Unit Value per Build-out ERU	\$235	\$5,501	\$267	\$139	\$44		\$6,185
Plus Cash (excluding bond proce	eds)						
Reserve funds with LAIF	\$540,165	\$540,165	\$540,165				\$1,620,494
Deprecation fund (SB County)	\$405,716	\$405,716	\$405,716				\$1,217,149
Cash with SB County	\$76,084	\$1,784,664	\$86,770	\$44,960	\$14,155		\$2,006,633
Total Cash	\$1,021,965	\$2,730,545	\$1,032,651	\$44,960	\$14,155	·	\$4,844,276
Unit Value per Current ERUs	\$241	\$643	\$243	\$11	\$3		\$1,141
Net Value	\$475	\$6,144	\$511	\$149	\$47		\$7,326
Allocations to Loading Categor	ies (a)				A	Allocations	s
Flow	100%	100%	26%	0%	0%	92.2%	\$6,752
BOD	0%	0%	37%	50%	0%	3.6%	\$264
TSS	0%	0%	37%	50%	0%	3.6%	\$264
Accounts	0%	0%	0%	0%	100%	0.6%	\$47
Total (%)	100%	100%	100%	100%	100%	100%	\$7,326

a. Source: Table 3-2, 2008 Rate Study

Table 5
MSD Fixed Assets Allocations & Equivalent Residential Unit Values

Loading Category	Net Allocated Value	Units	Unit Connection Rate	1.0 ERU Loading	1.0 ERU Value
Flow	\$48,265,500	GPD WW	\$36	189	\$6,752
BOD	\$1,883,747	ppd	\$728	0.36	\$264
TSS	\$1,883,747	ppd	\$728	0.36	\$264
Accounts	\$335,711	Account	\$47	1.00	\$47
Total	\$52,368,705				\$7,326

ppd: Pound per day; GPD WW: gallons per day of wastewater discharge

Table 6
MSD Commercial Connection Fees

Non-residential Connection	Sewage Flow (GPD)	Capa BOD (ppm)	(9		Water Use Returned to Sewer	Fee (\$ per Wtr GPD, a)	Fee (ERU per GPD of Water Demand, a)
Low Strength	1.00	144	145	\$38	75%	\$28	0.0038
Residential Strength	1.00	230	230	\$39	90%	\$35	0.0047
Medium Strength	1.00	415	583	\$42	75%	\$31	0.0043
High Strength	1.00	900	700	\$45	75%	\$34	0.0047
						ERU pe	r Connection
Administration Facility	Fee					\$47	0.0064
Residential Dwelling	189	230	230				Fee (\$/ERU) \$7,326

a. Commercial connection fee is based on water demand (GPD), not wastewater discharge, using a return to sewer ratio of 75 percent.

Table 7
MSD Wastewater Connection Fees

Customer Sewage Strength	Unit Connection Fee (ERU per estimated GPD of Water Demand)
Low Strength Residential Strength Medium Strength High Strength	0.0038 0.0047 0.0043 0.0047
Administrative Facility Fee	ERU per Connection 0.0064
Residential Dwelling (1.0 ERU)	\$7,300

ERU: Equivalent Residential Unit; GPD: Gallon per Day 1.0 ERU includes the administrate facility fee, while the fee per GPD does not.

Appendix A MSD Fixed Assets & Depreciation: Original and Replacement Cost Valuation

ADMINISTIC   Amministration   ADMINISTIC	Asset Number	Fac Desc	Description	Updated Life	Yr in Service	Original Cost (OC)	FY 08-09 Depreciation	Original Cost Less Depreciation (OCLD)	Service Year ENRCCI SF	Replacement Cost (RC)	RC Depreciation	2009 RCNLD
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A-2008-3												
A-2008-2 Admin Telephone/Software Upgrad 7 2007 \$21.814 \$3.116 \$18.898 9,182 \$23.191 \$3.313 \$16.666 A-2007 Admin Admin Computer/Software Upgrad 6 2007 \$22.899 \$4.580 \$18.319 9,182 \$2.343.4 \$4.057 \$16.229 A-2007 2 Admin NEW DELL WIS- McCalab 6 2007 \$12.50 \$25.00 \$3.00 \$1.075 \$41.925 \$22.10 \$8.60 \$1.0000				7								
A-2007 2 Admin   Computer/Software Upgrade   6   2007   \$22,2899   \$4,580   \$18,319   9,182   \$24,343   \$4,057   \$16,229   \$4,2007   \$4,2007   \$1,250   \$250   \$3979   9,182   \$13,329   \$221   \$886   \$1,000   \$1						· ·			•			
A-2007   Admin   NEW DELL W/S - McCaleb   6   2007   \$1,250   \$2,50   \$9.79   \$1,82   \$1,329   \$221   \$886   \$1,200   \$1,400			· · · · · · · · · · · · · · · · · · ·	-								
Collection   PLANT ELECTRICAL CONT   40   2008   \$43.274   \$1.082   \$42.192   9.823   \$43.000   \$1.075   \$41.925   \$1.001   \$1.									•			
COLL036   Collection   Pump Sta. #2   75   1961   \$17,000   \$227   \$6,347   \$9.5   \$177,452   \$2,366   \$63,883   \$0.001   \$0.00												
COLL037   Collection   Collec			· · · · · · · ·									
COLL038   Collection   Collection   Collection   Collection   Collection   Collection   Collection   Car #3-dump pruck -int'  28   1985   \$10,775   \$431   \$862   5,447   \$19,309   \$690   \$2,788   \$4,139   \$10,000   \$1			•									
COLLO42   Collection   Collec			· · · · · · · ·									
COLL08			•							·		
COLL039 Collection Sever mains to of Collection tand Sever Collection Sever mains			_									
COLL060         Collection         Winch with tripod         22         1990         \$1,655         \$0         \$0         \$0,955         \$2,695         \$122         \$367           COLL063         Collection         Portable generator         21         1990         \$18,900         \$0         \$0         \$0,595         \$30,775         \$1,465         \$2,931           COLL041         Collection         Truck mounted hoist car #3         20         1991         \$3,108         \$0         \$0         6,090         \$4,982         \$249         \$488           COLL041         Collection         Portable pump(on trailer)1/2         25         1991         \$42,923         \$169         \$1,351         6,090         \$70,452         \$3,523         \$7,045           COLL057         Collection         Top maps         19         1992         \$4,500         \$0         \$0         6,090         \$20,571         \$1,029         \$2,057           COLL059         Collection         Vater truck #8-Yard         19         1992         \$53,556         \$0         \$0         6,349         \$6,919         \$364         \$728           COLL059         Collection         Lis#4 force main valve valut         50         \$0         \$0									•			
COLL063   Collection   Collec			·						•			
COLL056         Collection         Truck mounted hoist car #3         20         1991         \$3,108         \$0         \$0         6,090         \$4,982         \$249         \$498           COLL019         Collection         Hydrojet w/trailer         20         1991         \$43,957         \$0         \$0         6,090         \$70,452         \$3,523         \$7,045           COLL021         Collection         Lift station alarm system         20         1991         \$12,835         \$0         \$0         6,090         \$20,571         \$1,029         \$2,057           COLL057         Collection         Collection         Topo maps         19         1992         \$4,500         \$0         \$0         6,349         \$82,343         \$4,334         \$8,668           COLL032         Collection         Light fore main valve vault         50         1992         \$11,020         \$220         \$7,493         6,349         \$16,943         \$339         \$11,183           COLL049         Collection         Collection         Collection         Collection         Grimmer schmidt#125 comp         18         1993         \$1,347         \$0         \$0         6,478         \$2,030         \$113         \$226           COLL031         Collect			•									
COLL019         Collection         Hydrojet w/trailer         20         1991         \$43,957         \$0         \$0         6,090         \$70,452         \$3,523         \$7,045           COLL041         Collection         Portable pump(not frailer)1/2         25         1991         \$4,223         \$169         \$1,351         6,090         \$6,769         \$271         \$1,895           COLL027         Collection         Lift station alarm system         20         1991         \$12,835         \$0         \$0         6,090         \$20,571         \$1,029         \$2,057           COLL057         Collection         Collection         Valer truck #8-Yard         19         1992         \$4,500         \$0         \$0         6,349         \$82,343         \$4,334         \$8,668           COLL031         Collection         Ls#4 force main valve vault         50         1992         \$11,020         \$220         \$7,493         6,349         \$82,343         \$4,334         \$8,668           COLL042         Collection         Collection         Ls#4 force main valve vault         50         1992         \$11,020         \$220         \$7,493         6,349         \$82,343         \$4,334         \$8,668           COLL041         Collection <t< td=""><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			_									
COLL022         Collection         Lift station alarm system         20         1991         \$12,835         \$0         \$0         6,090         \$20,571         \$1,029         \$2,057           COLL057         Collection         Topo maps         19         1992         \$4,500         \$0         \$0         6,349         \$6,919         \$364         \$728           COLL023         Collection         Water truck #8-Yard         19         1992         \$53,556         \$0         \$0         6,349         \$82,343         \$4,334         \$8,668           COLL049         Collection         Ls#4 force main valve vault         50         1992         \$11,020         \$220         \$7,493         6,349         \$16,943         \$339         \$11,183           COLL049         Collection         Grimmer schmidt#125 comp.         18         1993         \$9,937         \$0         \$0         6,478         \$14,973         \$832         \$1,664           COLL010         Collection         Grimmer schmidt#125 comp.         18         1993         \$9,937         \$0         \$0         6,478         \$14,973         \$832         \$1,664           COLL021         Collection         Kaye dialog plus 8 channel x         17         1994         \$								•				
COLL057         Collection         Topo maps         19         1992         \$4,500         \$0         \$0         \$0,349         \$6,919         \$364         \$728           COLL059         Collection         Water truck #8-Yard         19         1992         \$53,556         \$0         \$0         6,349         \$82,343         \$4,334         \$8,668           COLL049         Collection         Ls#4 force main valve vault         50         1992         \$11,020         \$220         \$7,493         6,349         \$16,943         \$339         \$11,183           COLL049         Collection         Steam cleaner-plant         18         1993         \$1,347         \$0         \$0         6,478         \$2,030         \$113         \$226           COLL018         Collection         Grimmer schmidt#125 compt.         18         1993         \$9,937         \$0         \$0         6,478         \$14,973         \$832         \$1,664           COLL010         Collection         Kaye dialog plus 8 channel x         17         1994         \$1,786         \$0         \$0         6,533         \$2,668         \$157         \$314           COLL035         Collection         Trailer mounted generator         17         1994         \$1,786												
COLLO39 Collection User truck #8-Yard 19 1992 \$53,556 \$0 \$0 \$0 6,349 \$82,343 \$4,334 \$8,668 COLLO23 Collection Ls#4 force main valve vault 50 1992 \$11,020 \$220 \$7,493 6,349 \$16,943 \$339 \$11,183 COLLO49 Collection steam cleaner-plant 18 1993 \$1,347 \$0 \$0 6,478 \$2,030 \$113 \$226 COLLO18 Collection Grimmer schmidt#125 come: 18 1993 \$9,937 \$0 \$0 6,478 \$14,973 \$832 \$1,664 COLLO13 Collection double throw safety switch 18 1993 \$4,611 \$0 \$0 6,478 \$6,948 \$386 \$772 COLLO21 Collection Kaye dialog plus 8 channel x 17 1994 \$1,786 \$0 \$0 6,478 \$6,948 \$386 \$772 COLLO25 Collection Trailer mounted generator 17 1994 \$1,786 \$0 \$0 6,533 \$2,668 \$157 \$314 COLLO32 Collection Portable generator 17 1994 \$10,182 \$0 \$0 6,533 \$43,694 \$2,570 \$5,140 COLLO07 Collection Car #2-1994 chevy truck 17 1994 \$18,716 \$1,248 \$1,248 6,533 \$27,963 \$1,645 \$3,290 COLLO17 Collection Gas detector-yard 15 1995 \$2,448 \$0 \$0 \$0 6,526 \$3,661 \$244 \$244 \$244 COLLO20 Collection cement mixer w/hitch 14 1996 \$1,934 \$161 \$0 \$0 6,558 \$2,879 \$2006 \$206 COLLO46 Collection smoke blower 14 1996 \$1,217 \$0 \$0 \$0 6,558 \$2,879 \$2006 \$3,382 COLLO46 Collection standby pump - 1/s #2 \$25 1997 \$4,439 \$178 \$2,486 6,664 \$6,603 \$260 \$3,382 COLLO47 Collection standby generator 1/s #4 25 1997 \$4,439 \$178 \$2,486 6,664 \$6,603 \$200 \$3,382 COLLO46 Collection standby generator 1/s #4 25 1997 \$3,4660 \$1,386 \$19,410 6,664 \$50,772 \$2,031 \$26,401 COLLO50 Collection storage facility covering 50 1997 \$3,4660 \$1,386 \$19,410 6,664 \$50,772 \$2,031 \$26,401 COLLO61 Collection storage facility covering 50 1997 \$3,4660 \$1,386 \$19,410 6,664 \$50,772 \$2,031 \$26,401 COLLO64 Collection storage facility covering 50 1997 \$3,4660 \$1,386 \$19,410 6,664 \$12,346 \$247 \$9,383 COLLO64 Collection storage facility covering 50 1997 \$3,4660 \$1,386 \$19,410 6,664 \$12,346 \$247 \$9,383 COLLO64 Collection storage facility covering 50 1997 \$3,4660 \$1,386 \$19,410 6,664 \$12,346 \$247 \$9,383 COLLO64 Collection storage facility covering 50 1997 \$3,4660 \$1,386 \$19,410 6,664 \$12,346 \$247 \$9,383 COLLO64 Collection storage facility covering			-									
COLL023 Collection Ls#4 force main valve vault 50 1992 \$11,020 \$220 \$7,493 6,349 \$16,943 \$339 \$11,183 \$COLL049 Collection steam cleaner-plant 18 1993 \$1,347 \$0 \$0 6,478 \$2,030 \$113 \$226 \$1,664 \$12,346 \$1,193 \$26 \$11,020 \$27 \$1,020 \$1												
COLL049 Collection Steam cleaner-plant 18 1993 \$1,347 \$0 \$0 6,478 \$2,030 \$113 \$226 COLL018 Collection Grimmer schmidt#125 com; 18 1993 \$9,937 \$0 \$0 6,478 \$14,973 \$832 \$1,664 COLL013 Collection double throw safety switch 18 1993 \$4,611 \$0 \$0 6,478 \$6,948 \$386 \$772 COLL021 Collection Collection Trailer mounted generator 17 1994 \$10,182 \$0 \$0 6,533 \$2,668 \$157 \$314 COLL055 Collection Trailer mounted generator 17 1994 \$10,182 \$0 \$0 6,533 \$15,214 \$895 \$1,790 COLL032 Collection Collection Car #2-1994 chevy truck 17 1994 \$18,716 \$1,248 \$1,248 6,533 \$27,963 \$1,645 \$3,290 COLL017 Collection Standby pump - Vs #2 25 1997 \$4,439 \$178 \$2,486 6,664 \$6,503 \$22,879 \$206 \$206 \$206 \$206 \$206 \$206 \$206 \$206								•				
COLL013         Collection         double throw safety switch         18         1993         \$4,611         \$0         \$0         6,478         \$6,948         \$386         \$772           COLL021         Collection         Kaye dialog plus 8 channel x         17         1994         \$1,786         \$0         \$0         6,533         \$2,668         \$157         \$314           COLL055         Collection         Trailer mounted generator         17         1994         \$10,182         \$0         \$0         6,533         \$15,214         \$895         \$1,790           COLL032         Collection         Portable generator         17         1994         \$29,244         \$0         \$0         6,533         \$43,694         \$2,570         \$5,140           COLL007         Collection         Car #2-1994 chevy truck         17         1994         \$18,716         \$1,248         \$1,248         6,533         \$27,963         \$1,645         \$3,290           COLL017         Collection         Gas detector -yard         15         1995         \$2,448         \$0         \$0         6,526         \$3,661         \$244         \$244           COLL020         Collection         jetstream maint software         17         1995         \$9			steam cleaner-plant									
COLL021         Collection         Kaye dialog plus 8 channel x         17         1994         \$1,786         \$0         \$0         6,533         \$2,668         \$157         \$314           COLL055         Collection         Trailer mounted generator         17         1994         \$10,182         \$0         \$0         6,533         \$15,214         \$895         \$1,790           COLL032         Collection         Portable generator         17         1994         \$29,244         \$0         \$0         6,533         \$43,694         \$2,570         \$5,140           COLL007         Collection         Car #2-1994 chevy truck         17         1994         \$18,716         \$1,248         \$1,248         6,533         \$27,963         \$1,645         \$3,290           COLL017         Collection         Gas detector -yard         15         1995         \$2,448         \$0         \$0         6,526         \$3,661         \$244         \$244           COLL020         Collection         jetstream maint software         17         1995         \$9,698         \$647         \$1,293         6,526         \$14,504         \$853         \$2,560           COLL040         Collection         cement mixer w/hitch         14         1996 <td< td=""><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td></td<>			•						•			
COLLO55 Collection Trailer mounted generator 17 1994 \$10,182 \$0 \$0 \$0 6,533 \$15,214 \$895 \$1,790 \$1,7			-									
COLL032 Collection Portable generator 17 1994 \$29,244 \$0 \$0 \$0 6,533 \$43,694 \$2,570 \$5,140 \$COLL007 Collection Car #2-1994 chevy truck 17 1994 \$18,716 \$1,248 \$1,248 6,533 \$27,963 \$1,645 \$3,290 \$COLL017 Collection Gas detector -yard 15 1995 \$2,448 \$0 \$0 \$0 6,526 \$3,661 \$244 \$244 \$244 \$244 \$244 \$244 \$244 \$24						· ·			•			
COLL007         Collection         Car #2-1994 chevy truck         17         1994         \$18,716         \$1,248         \$1,248         6,533         \$27,963         \$1,645         \$3,290           COLL017         Collection         Gas detector -yard         15         1995         \$2,448         \$0         \$0         6,526         \$3,661         \$244         \$244           COLL020         Collection         jetstream maint software         17         1995         \$9,698         \$647         \$1,293         6,526         \$14,504         \$853         \$2,560           COLL010         Collection         cement mixer w/hitch         14         1996         \$1,934         \$161         \$0         6,558         \$2,879         \$206         \$206           COLL046         Collection         smoke blower         14         1996         \$1,217         \$0         \$0         6,558         \$1,811         \$129         \$129           COLL048         Collection         standby pump - l/s #2         25         1997         \$4,439         \$178         \$2,486         6,664         \$6,503         \$260         \$3,382           COLL047         Collection         standby generator l/s #4         25         1997         \$8,428			_				•	•				
COLL017         Collection         Gas detector -yard         15         1995         \$2,448         \$0         \$0         6,526         \$3,661         \$244         \$244           COLL020         Collection         jetstream maint software         17         1995         \$9,698         \$647         \$1,293         6,526         \$14,504         \$853         \$2,560           COLL010         Collection         cement mixer w/hitch         14         1996         \$1,934         \$161         \$0         6,558         \$2,879         \$206         \$206           COLL046         Collection         smoke blower         14         1996         \$1,217         \$0         \$0         6,558         \$1,811         \$129         \$129           COLL048         Collection         standby pump - l/s #2         25         1997         \$4,439         \$178         \$2,486         6,664         \$6,503         \$260         \$3,382           COLL047         Collection         standby generator l/s #4         25         1997         \$34,660         \$1,386         \$19,410         6,664         \$50,772         \$2,031         \$26,401           COLL050         Collection         storage facility covering         50         1997         \$8,428 <td></td>												
COLL010         Collection         cement mixer w/hitch         14         1996         \$1,934         \$161         \$0         6,558         \$2,879         \$206         \$206           COLL046         Collection         smoke blower         14         1996         \$1,217         \$0         \$0         6,558         \$1,811         \$129         \$129           COLL048         Collection         standby pump - I/s #2         25         1997         \$4,439         \$178         \$2,486         6,664         \$6,503         \$260         \$3,382           COLL047         Collection         standby generator I/s #4         25         1997         \$34,660         \$1,386         \$19,410         6,664         \$50,772         \$2,031         \$26,401           COLL050         Collection         storage facility covering         50         1997         \$8,428         \$169         \$6,574         6,664         \$12,346         \$247         \$9,383           COLL061         Collection         1998 Dodge Truck         11         1999         \$29,223         \$0         \$0         6,826         \$41,788         \$3,799         \$3,799           COLL044         Collection         Sewer mains         75         2001         \$56,255	COLL017	Collection	Gas detector -yard	15	1995	\$2,448	\$0	\$0	6,526	\$3,661	\$244	\$244
COLL046         Collection         smoke blower         14         1996         \$1,217         \$0         \$0         \$0         6,558         \$1,811         \$129         \$129           COLL048         Collection         standby pump - I/s #2         25         1997         \$4,439         \$178         \$2,486         6,664         \$6,503         \$260         \$3,382           COLL047         Collection         standby generator I/s #4         25         1997         \$34,660         \$1,386         \$19,410         6,664         \$50,772         \$2,031         \$26,401           COLL050         Collection         storage facility covering         50         1997         \$8,428         \$169         \$6,574         6,664         \$12,346         \$247         \$9,383           COLL061         Collection         1998 Dodge Truck         11         1999         \$29,223         \$0         \$0         6,826         \$41,788         \$3,799         \$3,799           COLL044         Collection         Sewer mains         75         2001         \$56,255         \$750         \$51,005         7,227         \$75,981         \$1,013         \$67,876			•									
COLL048       Collection       standby pump - I/s #2       25       1997       \$4,439       \$178       \$2,486       6,664       \$6,503       \$260       \$3,382         COLL047       Collection       standby generator I/s #4       25       1997       \$34,660       \$1,386       \$19,410       6,664       \$50,772       \$2,031       \$26,401         COLL050       Collection       storage facility covering       50       1997       \$8,428       \$169       \$6,574       6,664       \$12,346       \$247       \$9,383         COLL061       Collection       1998 Dodge Truck       11       1999       \$29,223       \$0       \$0       6,826       \$41,788       \$3,799       \$3,799         COLL044       Collection       Sewer mains       75       2001       \$56,255       \$750       \$51,005       7,227       \$75,981       \$1,013       \$67,876												
COLL047       Collection       standby generator I/s #4       25       1997       \$34,660       \$1,386       \$19,410       6,664       \$50,772       \$2,031       \$26,401         COLL050       Collection       storage facility covering       50       1997       \$8,428       \$169       \$6,574       6,664       \$12,346       \$247       \$9,383         COLL061       Collection       1998 Dodge Truck       11       1999       \$29,223       \$0       \$0       6,826       \$41,788       \$3,799       \$3,799         COLL044       Collection       Sewer mains       75       2001       \$56,255       \$750       \$51,005       7,227       \$75,981       \$1,013       \$67,876												
COLL050         Collection         storage facility covering         50         1997         \$8,428         \$169         \$6,574         6,664         \$12,346         \$247         \$9,383           COLL061         Collection         1998         Dodge Truck         11         1999         \$29,223         \$0         \$0         6,826         \$41,788         \$3,799         \$3,799           COLL044         Collection         Sewer mains         75         2001         \$56,255         \$750         \$51,005         7,227         \$75,981         \$1,013         \$67,876												
COLL061       Collection       1998       Dodge Truck       11       1999       \$29,223       \$0       \$0       6,826       \$41,788       \$3,799       \$3,799         COLL044       Collection       Sewer mains       75       2001       \$56,255       \$750       \$51,005       7,227       \$75,981       \$1,013       \$67,876												
			_					\$0				
CULLUU4 Collection ADAS for L/S 11 2001 \$6,513 \$651 \$1,954 7,227 \$8,797 \$800 \$2,399												
	COLLUU4	Collection	YDV9 101 F/9	11	∠∪∪ I	φο,51 <i>3</i>	Γσοφ	ф1,954	1,441	φο,/ 9/	φουυ	φ <b>∠,</b> 3 <del>33</del>

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Asset Number	Fac Desc	Description	Updated Life	Yr in Service	Original Cost (OC)	FY 08-09 Depreciation	Original Cost Less Depreciation (OCLD)	Service Year ENRCCISF	2009 Replacement Cost (RC)	RC Depreciation	2009 RCNLD
COLL026	Collection	multiranger plus	11	2001	\$2,126	\$213	\$638	7,227	\$2,871	\$261	\$783
COLL051	Collection	Portable pumps	25	2001	\$4,976	\$199	\$3,583	7,227	\$6,720	\$269	\$4,570
COLL053	Collection	Tools	11	2001	\$6,400	\$640	\$1,920	7,227	\$8,644	\$786	\$2,357
COLL014	Collection	Elec upgrade L/S#4	25	2001	\$23,421	\$937	\$16,864	7,227	\$31,634	\$1,265	\$21,511
COLL031 COLL003	Collection Collection	portable crane 4 veh. Radios/antennas	12 8	2002 2002	\$1,407 \$2,250	\$117 \$321	\$703 \$321	7,403 7,403	\$1,855 \$2,967	\$155 \$371	\$773 \$371
COLL005	Collection	2002 Dodge Dakota	9	2002	\$14,773	\$1,847	\$3,694	7,403 7,403	\$2,907 \$19,479	\$2,164	\$4,329
COLL067	Collection	Gas detector-replace	10	2003	\$1,867	\$0	\$0	7,532	\$2,420	\$242	\$968
COLL068	Collection	Equipment/tool replace	10	2003	\$2,120	\$0	\$0	7,532	\$2,747	\$275	\$1,099
COLL066	Collection	Computer hardware	7	2003	\$3,526	\$0	\$0	7,532	\$4,570	\$653	\$653
COLL 073	Collection	SCBA's	10	2003	\$17,248 \$2,007	\$0 \$0	\$0 \$0	7,532	\$22,353	\$2,235 \$1,166	\$8,941
COLL072 COLL064	Collection Collection	Push camera Van Inspection System	10 12	2003 2003	\$8,997 \$88,161	\$0 \$7,347	\$0 \$51,428	7,532 7,532	\$11,660 \$114,255	\$1,166 \$9,521	\$4,664 \$57,127
COLL062	Collection	Combo truck	12	2003	\$149,006	\$11,388	\$92,068	7,532	\$193,108	\$16,092	\$96,554
COLL069	Collection	Confined space equip	10	2003	\$4,961	\$0	\$0	7,532	\$6,429	\$643	\$2,572
COLL073	Collection	Auto dialers-LS #3&4	10	2004	\$4,676	\$468	\$2,338	8,192	\$5,571	\$557	\$2,786
COLL074	Collection	L/S Gas detection	10	2004	\$4,660	\$466	\$2,330	8,192	\$5,552	\$555	\$2,776
COLL079 COLL077	Collection Collection	Trailer Rodder hose	10 10	2004 2004	\$3,508 \$1,613	\$351 \$161	\$1,754 \$806	8,192 8,192	\$4,180 \$1,922	\$418 \$192	\$2,090 \$961
COLL077	Collection	Gas detector	10	2004	\$4,847	\$485	\$2,424	8,192 8,192	\$5,775	\$192 \$578	\$2,888
COLL080	Collection	Inflow infiltration study	25	2004	\$29,582	\$1,183	\$23,665	8,192	\$35,247	\$1,410	\$28,198
COLL076	Collection	Office furniture	10	2004	\$5,408	\$541	\$2,704	8,192	\$6,444	\$644	\$3,222
COLL078	Collection	3/4"nozzle	10	2004	\$1,034	\$103	\$517	8,192	\$1,232	\$123	\$616
C-2006.1	Collection	Pipe Trailer	10	2005	\$2,160	\$216	\$1,584	8,567	\$2,461	\$246	\$1,477
C-2007 2 C-2007-1	Collection Collection	Manhole Raising Sewer Extension	10 10	2007 2007	\$16,130 \$2,049	\$1,613 \$205	\$14,383 \$1,844	9,182 9,182	\$17,148 \$2,178	\$1,715 \$218	\$13,718 \$1,743
C-2007-1	Collection	New CCTV Camera, Cable	7	2007	\$47,019	\$6,717	\$40,302	9,182	\$49,986	\$7,141	\$35,704
C-2008-1	Collection	L/S # 3 - New Compressors	10	2007	\$12,387	\$1,239	\$11,148	9,182	\$13,168	\$1,317	\$10,534
C-2008-3	Collection	Raise 4 Manholes to Grade	10	2008	\$2,650	\$265	\$2,385	9,823	\$2,633	\$263	\$2,370
CIP	Collection	LIFT STATION 4 - FORCE I	75 	2008	\$1,186,086	\$15,814	\$1,170,272	9,823	\$1,178,577	\$15,714	\$1,162,863
CIP CIP	Collection	LIFT STATION 4 - FORCE I LIFT STATION 4 - FORCE I	75 75	2008	\$120,708 \$76,690	\$1,609 \$1,000	\$119,099 \$75,667	9,823	\$119,944 \$76,204	\$1,599 \$1,016	\$118,345
CIP	Collection Collection	LIFT STATION 4 - FORCE I	75 75	2008 2008	\$10,090 \$11,021	\$1,023 \$147	\$75,667 \$10,874	9,823 9,823	\$76,204 \$10,951	\$1,016 \$146	\$75,188 \$10,805
C-2009-1	Collection	20 New SmartCovers (w/Flo	10	2008	\$74,567	\$7,457	\$67,110	9,823	\$74,095	\$7,409	\$66,685
C-2009-2	Collection	Raise / Repair (3) Manholes	10	2009	\$4,150	\$415	\$3,735	9,761	\$4,150	\$415	\$4,150
DISP004	Solids	outfall line	75	1961	\$248,378	\$3,312	\$92,728	935	\$2,592,662	\$34,569	\$933,358
DISP001	Solids	sludge beds	35	1978	\$27,611 \$102,404	\$0 \$0	\$0 \$0	3,421	\$78,776	\$2,251 \$7,065	\$9,003
DISP003 DISP002	Solids Solids	sludge drying beds sludge beds	26 20	1985 1994	\$102,494 \$58,774	\$0 \$2,939	\$0 \$17,632	5,447 6,533	\$183,679 \$87,815	\$7,065 \$4,391	\$14,129 \$21,954
DISP005	Solids	outfall repair	20	2003	\$95,210	\$4,761	\$71,407	7,532	\$123,390	\$6,169	\$86,373
		•	75	1960	\$1,615	\$22	\$581	910	\$17,325	\$231	\$6,006
PISVCP1960			75	1960	\$2,699	\$36	\$970	910	\$28,950	\$386	\$10,036
21011221221		Manholes-1961	75 	1961	\$6,641	\$89	\$2,479	935	\$69,321	\$924	\$24,956
PISVCP1961		1827' of 8" VCP Manholes-1962	75 75	1961 1962	\$36,997 \$19,656	\$493 \$262	\$13,812 \$7,600	935 963	\$386,188	\$5,149 \$2,657	\$139,028 \$74,405
PISACP1962		1847' of 18" ACP	75 75	1962	\$33,005	\$202 \$440	\$12,762	963	\$199,299 \$334,642	\$2,657 \$4,462	\$74,405 \$124,933
		4517' of 6" CIP	75	1962	\$44,453	\$593	\$17,188	963	\$450,710	\$6,009	\$168,265
PISVCP1962	Subsurface	3101' of 21" VCP	75	1962	\$134,518	\$1,794	\$52,014	963	\$1,363,893	\$18,185	\$509,187
PISVCP1962		280' of 8" VCP	75	1962	\$5,837	\$78	\$2,257	963	\$59,186	\$789	\$22,096
DICCIDACCO		Manholes-1963	75 75	1963	\$827,420	\$11,032	\$330,969	995	\$8,119,277	\$108,257	\$3,139,454
PISCIP1963		1811' of 8" CIP 110' of 4" CIP	75 75	1963 1963	\$20,354 \$942	\$271 \$13	\$8,142 \$377	995 995	\$199,725 \$9,243	\$2,663 \$123	\$77,227 \$3,574
		1097' of 6" CIP	75 75	1963	\$11,155	\$149	\$4,462	995	\$109,460	\$1,459	\$42,324
		827' of 18" VCP	75	1963	\$32,863	\$438	\$13,145	995	\$322,475	\$4,300	\$124,690
PISVCP1963	Subsurface	4775' of 6" VCP	75	1963	\$95,192	\$1,269	\$38,077	995	\$934,100	\$12,455	\$361,185
		391' of 12" VCP	75	1963	\$10,986	\$146	\$4,394	995	\$107,803	\$1,437	\$41,684
		2710' of 21" VCP	75 75	1963	\$121,467	\$1,620	\$48,586	995	\$1,191,922	\$15,892	\$460,877
		2612' of 10" VCP 201311' of 8" VCP	75 75	1963 1963	\$61,857 \$4,336,467	\$825 \$57,820	\$24,743 \$1,734,587	995 995	\$606,988 \$42,552,709	\$8,093 \$567,369	\$234,702 \$16,453,714
		1357' of 15" VCP	75 75	1963	\$49,021	\$654	\$19,608	995	\$481,036	\$6,414	\$186,001
		Manholes-1964	75	1964	\$5,504	\$73	\$2,275	1,033	\$51,991	\$693	\$20,796
PISVCP1964	Subsurface	1384' of 8" VCP	75	1964	\$30,971	\$413	\$12,801	1,033	\$292,547	\$3,901	\$117,019
DIOVODATE		Manholes-1965	75 75	1965	\$18,082	\$241	\$7,714	1,072	\$164,638	\$2,195	\$68,051
PISVCP1965		4316' of 8" VCP	75 75	1965	\$100,195 \$13,082	\$1,336 \$1,86	\$42,750 \$6.152	1,072 1 125	\$912,307 \$121,313	\$12,164 \$1,618	\$377,087 \$51,760
PISCIP1066		Manholes-1966 310' of 6" CIP	75 75	1966 1966	\$13,982 \$3,565	\$186 \$48	\$6,152 \$1,569	1,125 1,125	\$121,313 \$30,932	\$1,618 \$412	\$51,760 \$13,198
		3226' of 8" VCP	75 75	1966	\$3,565 \$78,593	ъ46 \$1,048	\$34,581	1,125 1,125	\$681,905	\$9,092	\$13,196 \$290,946
		Manholes-1967	75	1967	\$218,942	\$2,919	\$99,254	1,203	\$1,776,471	\$23,686	\$781,647
PISCIP1967	Subsurface	59' of 12" CIP	75	1967	\$1,054	\$14	\$478	1,203	\$8,551	\$114	\$3,762
		119' of 6" CIP	<b>75</b>	1967	\$1,442	\$19	\$654	1,203	\$11,703	\$156	\$5,149
		9003' of 12" VCP	75 75	1967	\$301,529 \$073,670	\$4,020	\$136,693 \$440.048	1,203	\$2,446,568	\$32,621 \$405,330	\$1,076,490 \$2,472,568
PISVCP1967		37881' of 8" VCP Manholes-1968	75 75	1967 1968	\$972,679 \$30,564	\$12,969 \$408	\$440,948 \$14,263	1,203 1,275	\$7,892,201 \$233,987	\$105,229 \$3,120	\$3,472,568 \$106,074
	Subsuliace	IVIAI II 10165- 1 300	13	1300	ψ50,504	φ400	ψ14,203	1,210	ψ233,307	ψυ, ΙΖΟ	ψ100,074

Appendix A MSD Fixed Assets & Depreciation: Original and Replacement Cost Valuation

										uo	
Asset Number			Life	/ice	Cost	ion ion	Original Cost Less Depreciation (OCLD)	Year SISF	2009 Replacement Cost (RC)	RC Depreciation	ľΩ
t Nu	$D_{ m esc}$		Updated Life	Service	<sup>in</sup> al ( (0c)	FY 08-09 Depreciation	iginal C <sub>C</sub> Less Preciati <sub>i</sub> (OCLD)	Service Y	2009 <sup>eplacemen</sup> Cost (RC)	epre	2009 RCNLD
18Se	Fac I	Description	Jpda	Yr in	Original (	FY Jepr	Origi L Depr (0	Service ENRCC	Co,	4C D	6003
		6072' of 8" VCP	75	1968	\$167,671	\$2,236	\$78,247	1,275	\$1,283,635	\$17,115	\$581,915
DISVCD4060		Manholes-1969	75 75	1969	\$18,656	\$249	\$8,954 \$40,004	1,309	\$139,114 \$762,630	\$1,855 \$40,460	\$64,920
PISVCP1969		3371' of 8" VCP Manholes-1970	75 75	1969 1970	\$102,274 \$144,824	\$1,364 \$1,931	\$49,091 \$71,447	1,309 1,482	\$762,639 \$953,862	\$10,169 \$12,718	\$355,898 \$457,854
		174' of 8" CIP	75	1970	\$2,997	\$40	\$1,478	1,482	\$19,742	\$263	\$9,476
PISVCP1970		24013' of 8" VCP Manholes-1972	75 75	1970 1972	\$792,837 \$15,463	\$10,571 \$206	\$391,133 \$8,040	1,482 1,966	\$5,221,917 \$76,771	\$69,626 \$1,024	\$2,506,520 \$38,897
PISVCP1972			75	1972	\$82,397	\$1,099	\$42,846	1,966	\$409,091	\$5,455	\$207,273
DIS\/CD1073		Manholes-1973 3667' of 8" VCP	75 75	1973 1973	\$40,860 \$166,136	\$545 \$2,215	\$21,792 \$88,606	2,100 2,100	\$189,919 \$772,216	\$2,532 \$10,296	\$98,758 \$401,552
		1257' of 12" VCP	75 75	1973	\$74,282	\$990	\$39,617	2,100	\$345,268	\$4,604	\$179,539
DIOD\/04075		Manholes-1975	75 75	1975	\$15,176	\$202	\$8,498	2,586	\$57,283	\$764 \$400	\$31,315
		66' of 8" PVC 173' of 6" VCP	75 75	1975 1975	\$2,645 \$8,467	\$35 \$113	\$1,481 \$4,741	2,586 2,586	\$9,983 \$31,960	\$133 \$426	\$5,458 \$17,471
		1436' of 8" VCP	75	1975	\$75,942	\$1,013	\$42,528	2,586	\$286,648	\$3,822	\$156,701
DIS\/CD1076		Manholes-1976 246' of 8" VCP	75 75	1976 1976	\$2,353 \$14,121	\$31 \$188	\$1,349 \$8,097	2,920 2,920	\$7,866 \$47,204	\$105 \$629	\$4,405 \$26,434
PISVOPIBIC		Manholes-1977	75 75	1976	\$7,574	\$100 \$101	\$4,443	2,920 3,162	\$23,381	\$029 \$312	\$26,434 \$13,405
		76' of 6" VCP	75	1977	\$4,332	\$58	\$2,541	3,162	\$13,372	\$178	\$7,667
		498' of 8" VCP 220' of 18" VCP	75 75	1977 1977	\$30,670 \$24,994	\$409 \$333	\$17,993 \$14,663	3,162 3,162	\$94,679 \$77,157	\$1,262 \$1,029	\$54,282 \$44,237
FIGVOFIBIT		Manholes-1978	75 75	1978	\$19,045	\$353 \$254	\$11,427	3,421	\$54,336	\$724	\$31,877
PISVCP1978		1466' of 8" VCP	75 	1978	\$97,296	\$1,297	\$58,378	3,421	\$277,592	\$3,701	\$162,854
PISPVC1980		Manholes-1980 1137' of 8" PVC	75 75	1980 1980	\$19,035 \$66,678	\$254 \$889	\$11,929 \$41,785	4,102 4,102	\$45,291 \$158,650	\$604 \$2,115	\$27,779 \$97,305
		242' of 8" VCP	75	1980	\$18,728	\$250	\$11,736	4,102	\$44,562	\$594	\$27,331
DIOD\(0.400.4		Manholes-1981	75 75	1981	\$117,796	\$1,571	\$75,390	4,531	\$253,766	\$3,384	\$159,027
		2433' of 8" PVC 5227' of 8" VCP	75 75	1981 1981	\$155,815 \$441,759	\$2,078 \$5,890	\$99,722 \$282,726	4,531 4,531	\$335,671 \$951,677	\$4,476 \$12,689	\$210,354 \$596,384
		296' of 6" VCP	75	1981	\$23,152	\$309	\$14,817	4,531	\$49,876	\$665	\$31,255
DIOVODA OOC		Manholes-1982	75 75	1982	\$3,749	\$50	\$2,449	4,934	\$7,416	\$99 \$744	\$4,746
PISVCP1982		226' of 12" VCP Manholes-1984	75 75	1982 1984	\$26,957 \$20,317	\$359 \$271	\$17,612 \$13,815	4,934 5,260	\$53,329 \$37,703	\$711 \$503	\$34,130 \$25,135
PISVCP1984		1215' of 8" VCP	75	1984	\$120,434	\$1,606	\$81,895	5,260	\$223,493	\$2,980	\$148,995
DISD\/C100E		Manholes-1985 909' of 8" PVC	75 75	1985	\$65,783 \$60,083	\$877 \$021	\$45,610 \$47,808	5,447 5,447	\$117,890 \$122,804	\$1,572 \$1,651	\$80,165
		613' of 6" PVC	75 75	1985 1985	\$69,083 \$41,241	\$921 \$550	\$47,898 \$28,594	5,447 5,447	\$123,804 \$73,909	\$1,651 \$985	\$84,187 \$50,258
		2623' of 8" VCP	75	1985	\$263,072	\$3,508	\$182,396	5,447	\$471,450	\$6,286	\$320,586
PISVCP1985		243' of 6" VCP Manholes-1986	75 75	1985 1986	\$22,555 \$37,885	\$301 \$505	\$15,639 \$26,772	5,447 5,452	\$40,421 \$67,825	\$539 \$904	\$27,486 \$47,025
PISPVC1986		2074' of 8" PVC	75 75	1986	\$161,380	\$2,152	\$114,041	5,452 5,452	\$288,916	\$3,852	\$200,315
		Manholes-1987	75	1987	\$142,502	\$1,900	\$102,602	5,474	\$254,096	\$3,388	\$179,562
		180' of 6" DIP 6702' of 8" PVC	75 75	1987 1987	\$14,721 \$534,967	\$196 \$7,133	\$10,600 \$385,176	5,474 5,474	\$26,250 \$953,905	\$350 \$12,719	\$18,550 \$674,093
		495' of 6" PVC	75	1987	\$34,978	\$466	\$25,184	5,474	\$62,369	\$832	\$44,074
		746' of 8" VCP	75 75	1987	\$78,583	\$1,048	\$56,579	5,474	\$140,122	\$1,868	\$99,019
PISVCP1987		276' of 6" VCP Manholes-1988	75 75	1987 1988	\$26,907 \$106,296	\$359 \$1,417	\$19,373 \$77,950	5,474 5,771	\$47,977 \$179,792	\$640 \$2,397	\$33,904 \$129,450
PISDIP1988		85' of 8" DIP	75	1988	\$7,757	\$103	\$5,689	5,771	\$13,121	\$175	\$9,447
		5206' of 8" PVC 162' of 8" VCP	75 75	1988 1988	\$426,211 \$17,503	\$5,683	\$312,554	5,771 5,771	\$720,907	\$9,612 \$205	\$519,053
F13 V G F 1900		Manholes-1989	75 75	1989	\$9,046	\$233 \$121	\$12,835 \$6,755	5,771 5,790	\$29,604 \$15,251	\$395 \$203	\$21,315 \$11,184
		207' of 6" DIP	75	1989	\$17,732	\$236	\$13,241	5,790	\$29,895	\$399	\$21,923
PISPVC1989		448' of 8" PVC Manholes-1990	75 75	1989 1990	\$37,457 \$13,913	\$499 \$186	\$27,968 \$10,574	5,790 5,995	\$63,148 \$22,655	\$842 \$302	\$46,309 \$16,916
PISPVC1990		621' of 8" PVC	75 75	1990	\$53,237	\$700 \$710	\$40,460	5,995	\$86,687	\$1,156	\$64,726
DIODID (00)		Manholes-1991	75 	1991	\$203,764	\$2,717	\$157,577	6,090	\$326,584	\$4,354	\$248,204
		1288' of 8" DIP 8374' of 8" PVC	75 75	1991 1991	\$125,768 \$733,512	\$1,677 \$9,780	\$97,260 \$567,250	6,090 6,090	\$201,575 \$1,175,643	\$2,688 \$15,675	\$153,197 \$893,489
		1132' of 6" PVC	75	1991	\$87,778	\$1,170	\$67,881	6,090	\$140,687	\$1,876	\$106,922
DIO (OD (00 )		Manholes-1994	75 	1994	\$42,402	\$565	\$34,487	6,533	\$63,354	\$845	\$50,683
		1815' of 8" VCP 180' of 6" VCP	75 75	1994 1994	\$234,670 \$21,538	\$3,129 \$287	\$190,865 \$17,518	6,533 6,533	\$350,624 \$32,181	\$4,675 \$429	\$280,499 \$25,745
	Subsurface	Manholes-1996	75	1996	\$16,524	\$220	\$13,881	6,558	\$24,593	\$328	\$20,330
		664' of 8" VCP	75 75	1996	\$89,217	\$1,190	\$74,942 \$64,722	6,558	\$132,783	\$1,770 \$4,450	\$109,767
		638' of 4" VCP 59' of 6" VCP	75 75	1996 1996	\$73,478 \$7,337	\$980 \$98	\$61,722 \$6,163	6,558 6,558	\$109,358 \$10,920	\$1,458 \$146	\$90,403 \$9,027
	Subsurface	Manholes-1998	75	1998	\$46,417	\$619	\$40,228	6,852	\$66,123	\$882	\$56,425
		1570' of 8" PVC	75 75	1998	\$168,383 \$18,075	\$2,245	\$145,932 \$16,445	6,852	\$239,872 \$27,030	\$3,198 \$360	\$204,691 \$23,066
F13FVC1998		142' of 12" PVC Manholes-1999	75 75	1998 1999	\$18,975 \$100,968	\$253 \$1,346	\$16,445 \$88,851	6,852 6,826	\$27,030 \$144,382	\$360 \$1,925	\$23,066 \$125,131
	Subsurface	3563' of 8" PVC	75	1999	\$391,171	\$5,216	\$344,230	6,826	\$559,366	\$7,458	\$484,784
PISPVC1999	Subsurface	214' of 4" PVC	75	1999	\$18,487	\$246	\$16,269	6,826	\$26,437	\$352	\$22,912

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<sup>1</sup> sset Number	Fac Desc		Updated Life	<sup>Y</sup> r in Service	Original Cost (OC)	FY 08-09 Depreciation	Original Cost Less Depreciation (OCLD)	Service Year ENRCCI SF	2009 Replacement Cost (RC)	RC Depreciation	2009 RCNLD
	7	Description								<u> </u>	
PISVCP1999	Subsurface Subsurface	272' of 8" VCP Manholes-2001	75 75	1999 2001	\$39,408 \$31,078	\$525 \$414	\$34,679 \$28,178	6,826 7,227	\$56,353 \$41,976	\$751 \$560	\$48,839 \$37,498
PISPVC2001		1060' of 8" PVC	75 75	2001	\$121,789	\$1,624	\$110,423	7,227	\$164,494	\$2,193	\$146,948
	Subsurface	Manholes-2002	75	2002	\$25,631	\$342	\$23,581	7,403	\$33,796	\$451	\$30,642
PISPVC2002		955' of 8" PVC	75	2002	\$113,117	\$1,508	\$104,067	7,403	\$149,151	\$1,989	\$135,231
P-2003	Subsurface Subsurface	Parra Grande Mainline ext + Cima Del Mundo Rd Ext + 2	10 75	2003 2004	\$145,869 \$619,641	\$0 \$8,262	\$0 \$586,593	7,532 8,192	\$189,043 \$738,307	\$18,904 \$9,844	\$75,617 \$689,087
	Subsurface	Barker Pass Ext +2 manhole	75 75	2004	\$36,248	\$483	\$34,315	8,192	\$43,190	\$576	\$40,310
	Subsurface	Survey-Site Plan Master-20y	25	2005	\$3,210	\$128	\$2,696	8,567	\$3,657	\$146	\$3,072
	Subsurface	Sewer Main Rehab	50	2005	\$842,365	\$16,847	\$774,975	8,567	\$959,720	\$19,194	\$882,943
	Subsurface Subsurface	Flow Meters For I&I Orchard Ave Ext +16 laterals	10 75	2005 2005	\$35,725 \$490,912	\$3,573 \$6,545	\$21,435 \$471,276	8,567 8,567	\$40,703 \$559,304	\$4,070 \$7,457	\$24,422 \$529,474
	Subsurface	N. Jameson Relocation Proj	50	2005	\$297,792	\$5,956	\$273,968	8,567	\$339,279	\$6,786	\$329,474 \$312,137
		M-2006.1	75	2006	\$41,863	\$558	\$40,747	8,879	\$46,022	\$614	\$44,181
P-2006.1	Subsurface	Emergency Sewer Rehab/R	50	2006	\$73,562	\$1,471	\$70,620	8,879	\$80,870	\$1,617	\$76,017
P-2007-1	Subsurface	Tabor Lane Mainline Extensi	50	2006	\$397,263	\$7,945	\$384,739	8,879	\$436,727	\$8,735	\$410,523
P-2006.2 P-2008-3	Subsurface Subsurface	Influent Flow Recorder - Nev Olive Road Ext - Inspection	50 50	2006 2007	\$64,880 \$4,000	\$1,298 \$80	\$61,852 \$3,920	8,879 9,182	\$71,325 \$4,252	\$1,427 \$85	\$67,046 \$4,082
P-2007-5	Subsurface	Flow Meters For I&I	10	2007	\$3,838	\$384	\$3,454	9,182	\$4,080	\$408	\$3,264
P-2007-4	Subsurface	Emergency Sewer Rehab/Re	50	2007	\$95,289	\$1,906	\$93,383	9,182	\$101,301	\$2,026	\$97,249
P-2008-5	Subsurface	Rehab 3 Manholes	50	2007	\$9,680	\$194	\$9,486	9,182	\$10,291	\$206	\$9,879
P-2008-4	Subsurface	Rehab 2 Manholes	50	2007	\$6,150	\$123	\$6,027	9,182	\$6,538	\$131	\$6,277
P-2007-2 P-2009-1	Subsurface Subsurface	Olive Road Mainline Extension Emergency Mainline Repairs	50 50	2007 2008	\$58,625 \$16,225	\$1,173 \$325	\$57,453 \$15,901	9,182 9,823	\$62,324 \$16,122	\$1,246 \$322	\$59,831 \$15,800
P-2009-1	Subsurface	Emergency Mainline Repairs	50 50	2008	\$5,270	\$105	\$5,165	9,823	\$5,237	\$105	\$5,132
P-2008-6	Subsurface	Tollis Ave Main Ext & 1 M/H	50	2008	\$183,300	\$3,666	\$179,634	9,823	\$182,140	\$3,643	\$178,497
		Raise 4 Manhold Covers	50	2008	\$2,650	\$53	\$2,597	9,823	\$2,633	\$53	\$2,581
P-2007-3	Subsurface	Sewer Main Rehabilitation	50	2008	\$558,565	\$11,171	\$547,394	9,823	\$555,029	\$11,101	\$543,928
P-2008-2 P-2008-1	Subsurface Subsurface	Sewer Main Rehabilitation Emergency Sewer Rehab/Re	50 50	2008 2008	\$28,765 \$137,057	\$575 \$2,741	\$28,190 \$134,315	9,823 9,823	\$28,583 \$136,189	\$572 \$2,724	\$28,011 \$133,465
P-2009-3	Subsurface	Emergency Mainline Repairs	50	2009	\$5,000	\$100	\$4,900	9,761	\$5,000	\$100	\$5,000
	Subsurface	Raise/Repair 3 Manhold cov	50	2009	\$5,000	\$100	\$4,900	9,761	\$5,000	\$100	\$5,000
Plant050	WWTP	swing fuser (12)-plant	51	1962	\$18,000	\$0	\$0	963	\$182,504	\$3,579	\$14,314
Plant029	WWTP	drives (2)-plant	51 55	1962	\$6,000 \$464.334	\$0 \$0.207	\$0	963	\$60,835	\$1,193	\$4,771
Plant022 Plant121	WWTP WWTP	Building, structure etc shower room-plant	55 50	1962 1968	\$464,331 \$11,797	\$9,287 \$236	\$37,147 \$2,360	963 1,275	\$4,707,897 \$90,311	\$85,598 \$1,806	\$684,785 \$16,256
Plant045	WWTP	digester structure-plant	50	1978	\$63,000	\$1,260	\$25,200	3,421	\$179,742	\$3,595	\$68,302
Plant041	WWTP	digester guardrails-plant	50	1978	\$4,278	\$86	\$1,711	3,421	\$12,205	\$244	\$4,638
Plant092	WWTP	paving & landscaping-yard	34	1978	\$17,858	\$0	\$0	3,421	\$50,950	\$1,499	\$4,496
Plant149 Plant150	WWTP WWTP	was ps electrical cntrl unit influent pump-plant	37 30	1978 1982	\$10,000 \$60,484	\$0 \$0	\$0 \$0	3,421 4,934	\$28,531 \$119,653	\$771 \$3,988	\$4,627 \$11,965
Plant066	WWTP	hoist-pump room-plant	30	1982	\$20,692	\$0 \$0	\$0 \$0	4,934 4,934	\$40,934	\$3,966 \$1,364	\$4,093
Plant065	WWTP	handrails-plant	50	1982	\$48,406	\$968	\$23,235	4,934	\$95,760	\$1,915	\$44,050
Plant063	WWTP	grading & paving-plant	40	1982	\$175,353	\$4,384	\$61,374	4,934	\$346,894	\$8,672	\$112,741
Plant135	WWTP	generator-plant	30	1982	\$138,350	<b>\$</b> 0	\$0	4,934	\$273,691	\$9,123	\$27,369
Plant052 Plant087	WWTP WWTP	fencing-plant digester modifications-plant	30 50	1982 1982	\$22,164 \$23,875	\$0 \$478	\$0 \$11,460	4,934 4,934	\$43,845 \$47,232	\$1,462 \$945	\$4,385 \$21,727
Plant126	WWTP	daf system-plant	30	1982	\$111,336	\$0	\$11, <del>4</del> 00 \$0	4,934	\$220,251	\$7,342	\$22,025
Plant143	WWTP	clarifiers-equipment-plant	30	1982	\$218,539	\$0	\$0	4,934	\$432,326	\$14,411	\$43,233
Plant030	WWTP	clarifiers-construction-plant	50	1982	\$404,309	\$8,086	\$194,069	4,934	\$799,828	\$15,997	\$367,921
Plant142	WWTP	blowers and motors-plant	30	1982	\$169,580	\$0 \$0	\$0 \$0	4,934	\$335,474	\$11,182	\$33,547
Plant016 Plant038	WWTP WWTP	air blower-plant contact chamber	30 50	1982 1982	\$2,167 \$15,514	\$0 \$310	\$0 \$7,447	4,934 4,934	\$4,288 \$30,691	\$143 \$614	\$429 \$14,118
Plant097	WWTP	rotary screen	30	1982	\$34,772	\$0	\$0	4,934	\$68,788	\$2,293	\$6,879
Plant117	WWTP	grinders	30	1982	\$63,668	\$0	\$0	4,934	\$125,951	\$4,198	\$12,595
Plant078	WWTP	laboratory flooring/cabinets	30	1982	\$60,088	\$0	\$0	4,934	\$118,869	\$3,962	\$11,887
Plant072 Plant051	WWTP WWTP	interior piping	50 50	1982 1982	\$89,287 \$194,958	\$1,786 \$3,899	\$42,858 \$93,580	4,934 4,934	\$176,633 \$385,678	\$3,533 \$7,714	\$81,251 \$177,412
Plant133	WWTP	exterior piping sump pumps	30	1982	\$11,142	\$3,699 \$0	\$95,580 \$0	4,934 4,934	\$22,041	\$7,714 \$735	\$2,204
Plant127	WWTP	stairs and ramps	50	1982	\$19,133	\$383	\$9,184	4,934	\$37,850	\$757	\$17,411
Plant151	WWTP	polymix tanks & pumps	30	1982	\$71,626	\$0	\$0	4,934	\$141,695	\$4,723	\$14,169
Plant064	WWTP	hoist-chlorination room	30	1982	\$19,100 \$0.754	\$0 \$0	\$0 \$0	4,934	\$37,785	\$1,260	\$3,779
Plant007	WWTP WWTP	air compressor	30 50	1982 1982	\$8,754 \$6,378	\$0 \$128	\$0 \$3.062	4,934 4,934	\$17,318 \$12,617	\$577 \$252	\$1,732 \$5,804
Plant053 Plant108	WWTP	flow measuring flume plant water pump	50 30	1982	\$6,378 \$3,183	\$128 \$0	\$3,062 \$0	4,934 4,934	\$12,617 \$6,298	\$252 \$210	\$5,804 \$630
Plant122	WWTP	site wall-plant	50	1985	\$49,525	\$990	\$26,744	5,447	\$88,754	\$1,775	\$46,152
Plant021	WWTP	building addition-plant	50	1985	\$38,266	\$765	\$20,663	5,447	\$68,576	\$1,372	\$35,660
Plant080	WWTP	locker room improvements	50	1985	\$2,152	\$43	\$1,162	5,447	\$3,857	\$77	\$2,006
Plant157	WWTP WWTP	allocation of 1985 expenses	40 28	1985 1985	\$18,052 \$20,027	\$451 \$0	\$7,673 \$0	5,447 5,447	\$32,352 \$35,801	\$809 \$1.282	\$12,941 \$5,127
Plant154 Plant153	WWTP	allocation of 1985 expenses allocation of 1985 expenses	28 29	1985	\$20,027 \$9,369	\$0 \$0	\$0 \$0	5,447 5,447	\$35,891 \$16,791	\$1,282 \$579	\$5,127 \$2,895
Plant156	WWTP	allocation of 1985 expenses	28	1985	\$10,357	\$414	\$828	5,447	\$18,561	\$663	\$2,652
Plant155	WWTP	allocation of 1985 expenses	26	1985	\$10,850	\$0	\$0	5,447	\$19,444	\$748	\$1,496

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Asset Number	$D_{ m esc}$		Updated Life	Service	<sup>Original</sup> Cost (OC)	FY 08-09 Depreciation	Original Cost Less Depreciation (OCLD)	Service Year ENRCCISF	<sup>2009</sup> R <sup>eplacement</sup> Cost (RC)	RC Depreciation	<sup>2009</sup> RCNLD
4 <sub>SSel</sub>	Fac D	Description	Upda	Yrin	Origiı ()	P.Y.	Origii L Depr	Servi, ENR	Repla Cos	AC D	6003
Plant024	WWTP	car#3-dump truck	28	1985	\$10,775	\$431	\$862	5,447	\$19,309	\$690	\$2,758
Plant118 Plant132	WWTP WWTP	sewage treatment facilities Chicago influent pumps	50 28	1986 1986	\$49,988 \$9,526	\$1,000 \$381	\$27,994 \$1,143	5,452 5,452	\$89,493 \$17,055	\$1,790 \$609	\$48,326 \$3,046
Plant081	WWTP	locker room imprvmts	50	1986	\$23,094	\$462	\$12,933	5,452	\$41,344	\$827	\$22,326
Plant094	WWTP	pipe sections	50	1986	\$5,000	\$100	\$2,800	5,452	\$8,951	\$179	\$4,834
Plant079	WWTP	liquid level control	25	1987	\$1,047	\$0 \$0	\$0 \$0	5,474	\$1,867	\$75	\$224
Plant147 Plant098	WWTP WWTP	vehicle hoist-vehicle #7 comline sanderson pump	24 25	1988 1988	\$2,205 \$1,770	\$0 \$71	\$0 \$354	5,771 5,771	\$3,730 \$2,994	\$155 \$120	\$466 \$479
Plant086	WWTP	committe sanderson pamp	22	1989	\$1,370	\$68	\$69	5,790	\$2,309	\$105	\$210
Plant036	WWTP	concrete slab for dumbster-y	50	1989	\$1,606	\$32	\$996	5,790	\$2,707	\$54	\$1,624
Plant106	WWTP	printed cicuit boards	23	1989	\$1,115	\$0	\$0	5,790	\$1,880	\$82	\$245
Plant114 Plant005	WWTP WWTP	regulator for generator	23 50	1989 1990	\$1,785 \$15,320	\$0 \$306	\$0 \$9,805	5,790 5,995	\$3,010 \$24,946	\$131 \$499	\$393 \$15,466
Plant012	WWTP	above ground fuel tank aluminum awning	50 50	1990	\$4,575	\$300 \$92	\$9,805 \$2,928	5,995 5,995	\$7,450	\$499 \$149	\$4,619
Plant082	WWTP	magentic & cable locator	22	1990	\$2,035	\$0	\$0	5,995	\$3,313	\$151	\$452
Plant138	WWTP	tractor-john deer	20	1991	\$27,619	\$0	\$0	6,090	\$44,267	\$2,213	\$4,427
Plant109	WWTP	pump(rotary screen)	25	1991	\$3,701	\$148 \$460	\$1,184 \$4,054	6,090	\$5,933 \$6,700	\$237	\$1,661 \$4,005
Plant110 Plant104	WWTP WWTP	portable pump(on trailer) pump(daf recycle)	25 25	1991 1991	\$4,223 \$3,022	\$169 \$121	\$1,351 \$967	6,090 6,090	\$6,769 \$4,843	\$271 \$194	\$1,895 \$1,356
Plant088	WWTP	new ras control	20	1991	\$3,428	\$0	\$907 \$0	6,090	\$5,495	\$275	\$549
Plant090	WWTP	open channel meter	20	1991	\$2,980	\$0	\$0	6,090	\$4,776	\$239	\$478
Plant101	WWTP	pump for rotary screen	25	1992	\$2,905	\$116	\$1,046	6,349	\$4,467	\$179	\$1,429
Plant095	WWTP	pump-sludge process	25	1992	\$1,745	\$70	\$628	6,349	\$2,683	\$107	\$858
Plant123 Plant047	WWTP WWTP	sludge bed modification disinfection alternatives	22 22	1992 1992	\$33,562 \$14,044	\$1,678 \$702	\$6,713 \$2,809	6,349 6,349	\$51,602 \$21,593	\$2,346 \$982	\$11,728 \$4,908
Plant002	WWTP	4" toe boards alum(6)	20	1993	\$3,724	\$186	\$931	6,478	\$5,612	\$281	\$1,122
Plant146	WWTP	storage cabinets	18	1993	\$1,757	\$0	\$0	6,478	\$2,648	\$147	\$294
Plant055	WWTP	forklift	18	1993	\$9,472	\$0	\$0	6,478	\$14,273	\$793	\$1,586
Plant128 Plant060	WWTP WWTP	steam cleaner furnance .14 cuft 120v	18 17	1993 1994	\$1,347 \$1,377	\$0 \$0	\$0 \$0	6,478	\$2,030	\$113 \$121	\$226 \$242
Plant054	WWTP	flow proportional controller	17 17	1994	\$1,377 \$1,767	\$0 \$0	\$0 \$0	6,533 6,533	\$2,057 \$2,640	\$121 \$155	\$242 \$311
Plant058	WWTP	two goulds sump pumps	25	1994	\$1,083	\$43	\$476	6,533	\$1,618	\$65	\$647
Plant091	WWTP	overhaul compressors	17	1994	\$5,146	\$0	\$0	6,533	\$7,689	\$452	\$905
Plant048	WWTP	dissolved oxygen meter	17	1994	\$1,179 \$40,483	\$0 \$0	\$0 \$0	6,533	\$1,762	\$104 \$205	\$207
Plant139 Plant025	WWTP WWTP	trailer mounted generator car #2 1994 chevy truck	17 17	1994 1994	\$10,182 \$18,715	\$0 \$1,248	\$0 \$1,248	6,533 6,533	\$15,214 \$27,963	\$895 \$1,645	\$1,790 \$3,290
Plant113	WWTP	rebuild positive displacemen	20	1994	\$12,562	\$628	\$3,768	6,533	\$18,768	\$938	\$4,692
Plant160	WWTP	1995 Jeep	15	1995	\$18,655	\$0	\$0	6,526	\$27,901	\$1,860	\$1,860
Plant158	WWTP	Forklift	15	1995	\$8,750	\$0	\$0	6,526	\$13,087	\$872	\$872
Plant031	WWTP WWTP	air diffuser manifolds	20 15	1995 1995	\$8,938 \$8,782	\$447 \$0	\$3,128 \$0	6,526	\$13,369 \$13,135	\$668 \$876	\$4,011 \$876
Plant069 Plant096	WWTP	influent pump control clarifier sprockets	14	1995	\$24,000	\$0 \$0	\$0 \$0	6,526 6,558	\$13,135 \$35,719	ъоло \$2,551	\$2,551
Plant115	WWTP	reroofing	50	1996	\$11,512	\$230	\$8,749	6,558	\$17,133	\$343	\$12,678
Plant043	WWTP	digester piping	50	1996	\$102,270	\$2,045	\$77,725	6,558	\$152,210	\$3,044	\$112,635
Plant017	WWTP	blower building	50	1996	\$78,366 \$40,400	\$1,567	\$59,558	6,558	\$116,633	\$2,333	\$86,308
Plant013 Plant124	WWTP WWTP	asphalt paving sludge storage bins	25 50	1996 1996	\$40,432 \$45,874	\$1,617 \$917	\$21,024 \$34,864	6,558 6,558	\$60,175 \$68,275	\$2,407 \$1,365	\$28,884 \$50,523
Plant035	WWTP	composite sampler	14	1996	\$3,523	\$0	\$0	6,558	\$5,244	\$375	\$375
Plant018	WWTP	blowers & controls	20	1996	\$171,887	\$8,594	\$68,754	6,558	\$255,821	\$12,791	\$89,537
Plant049	WWTP	doppler flow meter	14	1996	\$2,759	<b>\$</b> 0	\$0	6,558	\$4,106	\$293	\$293
Plant011 Plant070	WWTP WWTP	alarm monitor ras disinfection pump	14 14	1996 1996	\$1,919 \$1,673	\$0 \$0	\$0 \$0	6,558 6,558	\$2,855 \$2,490	\$204 \$178	\$204 \$178
Plant112	WWTP	hydrojet pump	25	1996	\$7,575	\$303	\$3,939	6,558	\$2,490 \$11,274	\$176 \$451	\$5,411
Plant044	WWTP	digester/DAFT structure	50	1996	\$370,449	\$7,409	\$281,541	6,558	\$551,343	\$11,027	\$407,994
Plant057	WWTP	French drain	50	1997	\$1,699	\$34	\$1,325	6,664	\$2,489	\$50	\$1,892
Plant077	WWTP	lab scale	13	1997	\$2,847	\$0	\$0 \$4,000	6,664	\$4,171	\$321	\$321
Plant034 Plant010	WWTP WWTP	Muffin Monsters Air supply line	20 20	1997 1997	\$2,229 \$22,498	\$111 \$1,125	\$1,003 \$10,124	6,664 6,664	\$3,266 \$32,955	\$163 \$1,648	\$1,306 \$13,182
Plant130	WWTP	Storage facility covering	50	1997	\$8,456	\$169	\$6,595	6,664	\$12,386	\$248	\$9,413
Plant019	WWTP	Plant compressor	20	1997	\$2,891	\$145	\$1,301	6,664	\$4,236	\$212	\$1,694
Plant105	WWTP	ras pump replacement	25	1998	\$3,085	\$123	\$1,851	6,852	\$4,395	\$176	\$2,461
Plant033 Plant075	WWTP WWTP	Muffin Monsters	20 25	1998 1998	\$1,491 \$9,917	\$75 \$397	\$746 \$5,950	6,852 6,852	\$2,124 \$14,127	\$106 \$565	\$956 \$7.011
Plant075	WWTP	Irrg sys & plantings Waste sludge pump	25 25	1998	\$1,908	ъзэ <i>т</i> \$76	\$5,950 \$1,144	6,852	\$14,127 \$2,718	\$303 \$109	\$7,911 \$1,522
Plant068	WWTP	Froth spray pump	25	1998	\$1,524	\$61	\$914	6,852	\$2,171	\$87	\$1,216
Plant136	WWTP	ras pump replacement	25	1999	\$19,127	\$765	\$12,241	6,826	\$27,352	\$1,094	\$16,411
Plant144	WWTP	Belt press	20	1999	\$930,955	\$46,548	\$512,025	6,826	\$1,331,247	\$66,562	\$665,623
Plant046 Plant148	WWTP WWTP	Disinfection system WAS flow meter	20 11	2000 2000	\$13,302 \$3,912	\$665 \$391	\$7,981 \$783	7,068 7,068	\$18,370 \$5,403	\$919 \$491	\$10,104 \$982
Plant140 Plant141	WWTP	Turbidity Meter	11	2000	\$3,912 \$1,874	ъзят \$187	\$375	7,068 7,068	\$2,588	\$235	\$470
Plant111	WWTP	RAS flow meter	11	2000	\$4,464	\$446	\$893	7,068	\$6,165	\$560	\$1,121
Plant061	WWTP	Gas Detector	11	2000	\$1,265 \$4,232	\$127	\$253	7,068	\$1,748	\$159	\$318
Plant145	WWTP	upper spindle rack	11	2001	\$1,230	\$123	\$369	7,227	\$1,662	\$151	\$453

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Asset Number	Fac Desc	Description	Updated Life	<sup>Y</sup> r in Service	Original Cost (OC)	FY 08-09 Depreciation	Original Cost Less Depreciation (OCLD)	Service Year ENRCCI SF	2009 Replacement Cost (RC)	RC Depreciation	2009 RCNLD
Plant107	WWTP	piston pump upgrade	25	2001	\$3,152	\$126	\$2,270	7,227	\$4,257	\$170	\$2,895
Plant059	WWTP	fumehead purchase	11	2001	\$9,253	\$925	\$2,775	7,227	\$12,498	\$1,136	\$3,408
Plant039 Plant042	WWTP WWTP	plant diffusers clarifier wiers	9 20	2001 2001	\$9,885 \$12,000	\$0 \$600	\$0 \$7,800	7,227 7,227	\$13,351 \$16,208	\$1,483 \$810	\$1,483 \$9,725
Plant042 Plant067	WWTP	Chains & Sprockets	11	2001	\$12,000 \$21,621	\$2,162	\$6,487	7,227 7,227	\$29,202	\$2,655	\$9,725 \$7,964
Plant084	WWTP	milltronics multiranger	11	2001	\$2,126	\$213	\$638	7,227	\$2,871	\$261	\$783
Plant027	WWTP	CED/CES/GRAINGER	20	2001	\$3,907	\$195	\$2,539	7,227	\$5,277	\$264	\$3,166
Plant056	WWTP	freestanding dishwasher	11	2001	\$5,593	\$559	\$1,678	7,227	\$7,554	\$687	\$2,060
Plant134	WWTP	Portable Pumps	25	2001	\$11,754	\$470	\$8,463	7,227	\$15,876 \$4,222	\$635	\$10,796
Plant085 Plant020	WWTP WWTP	moisture balance box scraper & fork set	11 11	2001 2001	\$3,126 \$3,060	\$313 \$306	\$938 \$918	7,227 7,227	\$4,222 \$4,133	\$384 \$376	\$1,151 \$1,127
Plant125	WWTP	spectrophotometer	11	2001	\$2,911	\$291	\$873	7,227	\$3,932	\$357	\$1,072
Plant004	WWTP	8" gate valves	50	2001	\$1,587	\$32	\$1,364	7,227	\$2,143	\$43	\$1,800
Plant003	WWTP	8" check valves	50	2001	\$3,820	\$76	\$3,286	7,227	\$5,160	\$103	\$4,334
Plant074	WWTP	internet wiring	8	2002	\$1,566 \$0,000	\$0 \$170	\$0	7,403	\$2,065	\$258	\$258
Plant100 Plant062	WWTP WWTP	plug & check valve remov U.S. filter envirex product	50 20	2002 2002	\$8,820 \$18,162	\$176 \$908	\$7,761 \$12,714	7,403 7,403	\$11,630 \$23,948	\$233 \$1,197	\$10,002 \$15,566
Plant028	WWTP	U.S. filter envirex product	20	2002	\$5,243	\$262	\$3,670	7,403 7,403	\$6,913	\$1,197 \$346	\$4,494
Plant008	WWTP	U.S. filter envirex product	20	2002	\$1,293	\$65	\$905	7,403	\$1,705	\$85	\$1,108
Plant164	WWTP	Clarifier inlet gates-replace	10	2003	\$36,221	\$3,622	\$18,111	7,532	\$46,942	\$4,694	\$18,777
Plant167	WWTP	Hypochrlorite tank	10	2003	\$16,853	\$1,685	\$8,426	7,532	\$21,841	\$2,184	\$8,736
Plant116	WWTP	Residual Recorder	10	2003	\$9,310 \$7,377	\$931 \$730	\$6,190	7,532	\$12,066 \$0,560	\$1,207	\$4,826
Plant162 Plant161	WWTP WWTP	Lab equipment Equip tool replacement	10 10	2003 2003	\$7,377 \$5,099	\$738 \$510	\$3,689 \$2,549	7,532 7,532	\$9,560 \$6,608	\$956 \$661	\$3,824 \$2,643
Plant165	WWTP	Back channel grating	10	2003	\$21,621	\$2,162	\$10,811	7,532	\$28,020	\$2,802	\$11,208
Plant103	WWTP	Portable Hoist	12	2003	\$3,193	\$266	\$1,863	7,532	\$4,138	\$345	\$2,069
Plant168	WWTP	Plant security	10	2003	\$2,455	\$246	\$1,227	7,532	\$3,182	\$318	\$1,273
Plant071	WWTP	Influent Sampler	10	2003	\$4,027	\$403	\$2,014	7,532	\$5,219	\$522	\$2,088
Plant166 Plant159	WWTP WWTP	2 workstations	7 12	2003 2003	\$3,149 \$29,456	\$630 \$2,455	\$0 \$17,267	7,532 7,532	\$4,081 \$38,174	\$583 \$2.191	\$583 \$19,087
Plant178	WWTP	Portable generator Rebuild Muffin Monster #2	10	2003	\$8,225	\$2,433 \$823	\$4,112	7,552 8,192	\$38,174 \$9,800	\$3,181 \$980	\$4,900
Plant177	WWTP	Sodium Bisulfite Tank	10	2004	\$14,881	\$1,488	\$7,441	8,192	\$17,731	\$1,773	\$8,865
Plant181	WWTP	Muffin Controllers	20	2004	\$3,587	\$179	\$2,690	8,192	\$4,274	\$214	\$3,205
Plant171	WWTP	Pipe Threading Machine	10	2004	\$5,171	\$517	\$2,586	8,192	\$6,161	\$616	\$3,081
Plant170	WWTP	Trailer	10	2004	\$3,508 \$3,220	\$351	\$1,754	8,192	\$4,180	\$418	\$2,090
Plant179 Plant169	WWTP WWTP	Replace Valves & RAS pum Cleaner	10 10	2004 2004	\$3,220 \$1,991	\$322 \$199	\$1,610 \$996	8,192 8,192	\$3,837 \$2,372	\$384 \$237	\$1,918 \$1,186
Plant180	WWTP	Install drain lines	25	2004	\$12,310	\$492	\$9,848	8,192	\$14,667	\$587	\$11,734
Plant173	WWTP	Rplmt Speed Reducer DAF-	10	2004	\$2,829	\$283	\$1,414	8,192	\$3,371	\$337	\$1,685
Plant172	WWTP	Incubator	10	2004	\$2,748	\$275	\$1,374	8,192	\$3,274	\$327	\$1,637
Plant174	WWTP	Diesel Drive Pump	10	2004	\$29,531	\$2,953	\$14,766	8,192	\$35,186	\$3,519	\$17,593
Plant175	WWTP	By Pass Pump	10	2004	\$1,667 \$8,851	\$167 \$885	\$834	8,192	\$1,986 \$10.546	\$199	\$993
Plant176 13	WWTP WWTP	Chlorine Analyzer SODIUM BISULFITE TANK	10 20	2004 2005	\$30,214	ъооо \$1,511	\$4,426 \$24,172	8,192 8,567	\$10,546 \$34,424	\$1,055 \$1,721	\$5,273 \$27,539
8	WWTP	SLUICE GATE-INSTALLAT	10	2005	\$5,890	\$589	\$3,534	8,567	\$6,711	\$671	\$4,026
7	WWTP	SLIDE GATES-CONTACT (	10	2005	\$17,517	\$1,752	\$10,511	8,567	\$19,957	\$1,996	\$11,974
6	WWTP	LIGHTING REPLACEMENT	10	2005	\$13,923	\$1,392	\$8,353	8,567	\$15,863	\$1,586	\$9,518
5	WWTP	EQUIPMENT / TOOLS	10	2005	\$7,321	\$732	\$4,393	8,567	\$8,341	\$834	\$5,005
4 3	WWTP WWTP	EMERGENCY REPLACEMI EFFLUENT MULTI-METER	10 10	2005 2005	\$19,341 \$11,653	\$1,934 \$1,165	\$11,605 \$5,826	8,567 8,567	\$22,036 \$13,276	\$2,204 \$1,328	\$13,221 \$7,966
2	WWTP	CONDUIT BENDER REPLA	10	2005	\$5,226	\$523	\$2,613	8,567	\$5,954	\$595	\$3,572
1	WWTP	AERIAL LIFT	10	2005	\$14,160	\$1,416	\$7,080	8,567	\$16,133	\$1,613	\$9,680
10	WWTP	Slice gate replace	10	2005	\$6,826	\$683	\$4,096	8,567	\$7,777	\$778	\$4,666
9	WWTP	WORKSTATION MODIFICA	10	2005	\$4,859	\$486	\$2,915	8,567	\$5,536	\$554	\$3,322
T-2006.2 11	WWTP WWTP	MUFFIN MONSTER-REBUI IIPP Plan Creation	6 10	2005 2005	\$6,875 \$1,200	\$1,375 \$120	\$3,896 \$720	8,567 9,567	\$7,833 \$1,367	\$1,305 \$137	\$2,611 \$820
12	WWTP	Site Plan Survey-Master Pla	20	2005	\$1,200 \$3,210	\$120 \$161	\$2,568	8,567 8,567	\$3,657	\$137 \$183	\$2,926
T-2007 3	WWTP	MUFFIN MONSTER REBUI	6	2006	\$10,072	\$2,014	\$6,715	8,879	\$11,073	\$1,845	\$5,536
T-2006.3	WWTP	INFLUENT PUMP STATION	20	2006	\$509,996	\$25,500	\$456,871	8,879	\$560,659	\$28,033	\$476,560
T-2006.1	WWTP	EMERGENCY REPLACEME	10	2006	\$18,652	\$1,865	\$14,922	8,879	\$20,505	\$2,050	\$14,353
T-2008-6	WWTP	Maintenance / Shop Bldg -Al	35	2007	\$3,716	\$106	\$3,610	9,182	\$3,950	\$113	\$3,725
	WWTP WWTP	Misc. Phone System Upgrac Misc. Computer/SCADA Upg	6 3	2007 2007	\$21,814 \$29,600	\$4,363 \$9,867	\$13,452 \$9,733	9,182 9.182	\$23,191 \$31,467	\$3,865 \$10.489	\$15,461 \$10,489
T-2008-12	WWTP	Disinfection Project	3 20	2007 2007	\$29,600 \$10,588	\$9,867 \$529	\$9,733 \$10,059	9,182 9,182	\$31,467 \$11,256	\$10,489 \$563	\$10,489 \$10,130
T-2008-12	WWTP	Clarifier Drives - Replaceme	15	2007	\$11,598	\$773	\$10,825	9,182	\$12,330	\$303 \$822	\$10,686
T-2008-4	WWTP	Aeration Header - Replacem	20	2007	\$218,933	\$10,947	\$207,986	9,182	\$232,746	\$11,637	\$209,472
T-2008-8	WWTP	Wet Well Gas Detection	10	2007	\$5,830	\$583	\$5,247	9,182	\$6,198	\$620	\$4,958
T-2007 1	WWTP	Maintenance / Shop Bldg - N	35	2007	\$1,703,738	\$48,678	\$1,642,890	9,182	\$1,811,238	\$51,750	\$1,707,738
T-2008-1	WWTP	Elec Cart for Plant - New	10 25	2007	\$8,171 \$24,076	\$817 \$699	\$7,354	9,182	\$8,687 \$25,505	\$869 \$731	\$6,949 \$24,133
T-2008-11 T-2008-10	WWTP WWTP	Site and Building Master Pla Hypo Pumps-Control Unit	35 10	2007 2007	\$24,076 \$3,254	\$688 \$325	\$23,388 \$2,929	9,182 9,182	\$25,595 \$3,459	\$731 \$346	\$24,133 \$2,767
T-2006-10	WWTP	Emergency Replacements	10	2007	\$3,992	\$325 \$399	\$3,593	9,182	\$3,439 \$4,244	\$340 \$424	\$3,395
T-2008-9	WWTP	Blower Control System	20	2007	\$76,965	\$3,848	\$73,117	9,182	\$81,821	\$4,091	\$73,639

Appendix A MSD Fixed Assets & Depreciation: Original and Replacement Cost Valuation

Asset Number	Fac Desc	Description	Updated Life	Yr in Service	Original Cost (OC)	FY 08-09 Depreciation	Original Cost Less Depreciation (OCLD)	Service Year ENRCCI SF	2009 Replacement Cost (RC)	RC Depreciation	2009 RCNLD
T-2008-7	WWTP	Biosolids Reuse	7	2007	\$2,194	\$313	\$1,881	9,182	\$2,332	\$333	\$1,666
T-2009-1	WWTP	2009 Ford Escape Hybrid V€	10	2008	\$30,985	\$3,099	\$27,887	9,823	\$30,789	\$3,079	\$27,710
	WWTP	CCTV Camera, Cable & Sle	8	2008	\$47,019	\$5,877	\$41,142	9,823	\$46,721	\$5,840	\$40,881
T-2008-5	WWTP	Turbidity Meter - Replaceme	7	2008	\$3,103	\$443	\$2,660	9,823	\$3,083	\$440	\$2,643
T-2009-2	WWTP	New WAS pump	20	2008	\$11,392	\$570	\$10,822	9,823	\$11,320	\$566	\$10,754
	WWTP	Muffin Monster Replacemen	15	2009	\$93,698	\$6,247	\$87,451	9,761	\$93,698	\$6,247	\$93,698
T-2009-4	WWTP	2008 Whisperwatt, trailer mo	12	2009	\$45,078	\$3,757	\$41,322	9,761	\$45,078	\$3,757	\$45,078
Total					\$31,482,704	\$688.308	\$19,431,770		\$121,991,201	\$2,114,301	\$56,089,111