

**COUNTY OF MADERA  
BUDGET UNIT EXPENDITURE DETAIL  
BUDGET FOR THE FISCAL YEAR 2011-12**

Department:

**RMA - REFUSE**

**DISPOSAL (01380)**

Function:

**Health and Sanitation**

Activity:

**Sanitation**

Fund:

**General**

<u>ACCOUNT CLASSIFICATION</u>	<u>ACTUAL EXPENDITURES 2009-10</u>	<u>BOARD APPROVED EXPENDITURES 2010-11</u>	<u>DEPARTMENT REQUEST 2011-12</u>	<u>CAO RECOMMENDED 2011-12</u>
<b>SALARIES &amp; EMPLOYEE BENEFITS</b>				
710102 Permanent Salaries	146,290	147,134	69,161	69,161
710200 Retirement	34,593	35,021	17,970	17,970
710300 Health Insurance	15,268	17,128	8,030	8,030
710400 Workers' Compensation	504	467	422	422
<b>TOTAL SALARIES &amp; EMPLOYEE BENEFITS</b>	<b>196,655</b>	<b>199,750</b>	<b>95,583</b>	<b>95,583</b>
<b>SERVICES &amp; SUPPLIES</b>				
720200 Clothing and Personal Supplies	0	160	160	160
720300 Communications	628	525	325	325
720600 Insurance	16,546	16,575	18,568	18,568
720601 General Insurance	23,413	23,500	23,500	23,500
720900 Maintenance-Bldgs & Improve	22	0	0	0
721100 Memberships	6,201	6,200	6,211	6,211
721300 Office Expense	280	965	965	965
721400 Professional & Specialized Services	739,618	1,040,582	1,001,712	1,001,712
721500 Publications & Legal Notices	41	200	200	200
721600 Rents & Leases - Equipment	0	3,000	3,000	3,000
721800 Small Tools & Instruments	0	50	50	50
721900 Special Departmental Expense	2,549	3,000	108,596	108,596
722000 Transportation & Travel	2,542	2,800	2,800	2,800
<b>TOTAL SERVICES &amp; SUPPLIES</b>	<b>791,840</b>	<b>1,097,557</b>	<b>1,166,087</b>	<b>1,166,087</b>
<b>TOTAL - RMA - REFUSE DISPOSAL</b>	<b>988,495</b>	<b>1,297,307</b>	<b>1,261,670</b>	<b>1,261,670</b>

**COMMENTS**

The County of Madera has a contractual agreement for the purpose of operating the County's sanitary landfill at Fairmead (Landfill). The Landfill is kept open to the public six days per week, 8:00 A.M. to 5:00 P.M., except for Christmas Day, New Year's Day, and Easter Sunday. The Board of Supervisors has a contractual agreement for the combined operation of the North Fork Transfer Station and transportation of refuse from the transfer station to the Landfill. The County has a contractual agreement for the transportation of refuse from a privately owned transfer station in Oakhurst to the Landfill. A Materials Recovery Facility (MRF) was put into contractual operation at the landfill in order to meet State requirements to reduce material going into the landfill by 25% by January 1, 1995, and 50% by January 1, 2000. Based on the State's Waste Board's calculations, the County is currently meeting diversion requirements. During 2007-08, a Household Hazardous Waste (HHW) facility was placed into operation at the Landfill. The HHW facility is open on Saturdays from 9:00 AM to 1:00 PM at no cost to County residents to dispose of household hazardous waste.

**Solid Waste Flow Control Agreement**

During 2007/08, the County and the two Cities entered into a new Solid Waste Flow Control Agreement. The initial term of the agreement was for five (5) years, with an option for an additional five (5) years. The agreement contains provisions which allow the County and the two Cities to have a reduced tipping fee for their residential contract haulers upon the implementation of a Curbside Recyclables Program (Blue Can). The Cities implemented the Curbside Recyclables Program; therefore, a reduced tipping fee of \$35 was charged for each ton of refuse received at the Fairmead Landfill from the Cities, rather than a \$50 per ton tipping fee.

Under the provisions of the Solid Waste Flow Control Agreement, the Resource Management Agency submitted a request to increase the current Tipping Fees, effective July 1, 2009. The rate increase went into effect on October 3, 2009; the rates increased to \$39.13 per ton from \$35.00 per ton, and \$55.13 per ton from \$50.00 per ton. The 2011-12 Refuse Disposal budget reflects a tipping fee reduction in one-time regulatory items, pending accumulation of sufficient funds to cover regulated costs. The current tipping fee is \$53.65 per ton for public/County rate and \$37.65 per ton for Cities.

**Construction Projects Funded by Low Interest Loan**

During 1997-98, the Operator of the Landfill and Materials Recovery Facility obtained permission from the Board of Supervisors to enter into a loan agreement with the California Pollution Control Financing Authority to borrow \$1.8 million, to be paid back over 18 years. The projects completed with these loan funds were the construction of a landfill gas recovery system (\$900,000); a partial/final closure construction on 38 acres of a monolithic cover test area (\$110,000); and construction of Unit 2, Cell 4 of the liner system (\$650,000). The balance of the funds was used during 2001-02 to install groundwater monitoring wells on the north side of the property (estimated at \$110,000). The monolithic cover is still being evaluated.

The County agreed to pay the Operator principal and interest of \$9,982 monthly, which is equivalent to approximately \$1.11/ton. Repayment of the loan comes from current surcharges. The loan will be paid off in June 2016.

**REVENUE**

A tipping fee covers the operational expenses of the Landfill, and additional State-mandated and locally enacted Surcharges. A tipping fee of \$37.65 is currently being charged for each ton of refuse received at the Landfill from the Cities' contract haulers. A tipping fee of \$53.65 is currently being charged the public or general tonnage rate, including unincorporated contract haulers, self haulers, and commercial front load trucks from unincorporated and incorporated areas of the County, and Roll-Off bin customers.

	<b><u>Actual</u></b> <b><u>2009-10</u></b>	<b><u>Estimated</u></b> <b><u>2010-11</u></b>	<b><u>Projected</u></b> <b><u>2011-12</u></b>
Landfill Surcharges	\$1,448,825	\$1,297,307	\$1,261,670
Cost Allocation Plan (Indirect Costs)	<u>222,984</u>	<u>365,259</u>	<u>0</u>
Total	\$1,671,809	\$1,662,566	\$1,261,670

This budget is 100% reimbursed by landfill surcharges based on the current tipping fee rates of \$53.65 per ton for the County and Public Rates, and \$37.65 per ton for the City of Madera and City of Chowchilla residential rates, and the actual and projected tonnages received from the incorporated and unincorporated areas of the County.

**Operational Expenses of \$23.85/Ton**

- \$ 15.65/Ton      Pays for the contractual operator at the Landfill
- \$ 8.20/Ton      Covers the contractual cost of operating the Materials Recovery Facility (MRF)

**Surcharges of \$25.10/Ton**      (Estimated Annual Tonnage is 110,000 / Estimated Surcharge Revenue is \$2,760,950)

- \$ 1.40/Ton      Sent to the Department of Resources Recycling and Recovery, CalRecycle formerly the California Integrated Waste Management Board for administrative costs. (Estimated at \$154,000.)
- \$ 0.45/Ton      Retained by the County to offset costs incurred by Environmental Health as the Local Enforcement Agency related to the State mandated oversight of landfill operations. (Estimated at \$49,500.)
- \$ 1 .11/Ton      Covers the cost of the annual payment on the 18-year loan (principal and interest) to construct a Gas Extraction System, new Liner, closure of old site, and two groundwater monitoring wells. This loan will be paid off in 2016. (Estimated at \$122,100.)

**REVENUE** (continued)

**Surcharges of \$25.10/Ton** (continued)

-0-	Retained by the County for accumulation into a trust fund for monitoring and closure of the landfill.
\$ 10.20/Ton	Retained by the County for accumulation into a trust fund for the lining requirement of future expansions, including permitting activities, acquisitions, design, construction and associated activities. (Estimated at \$1,122,000.)
\$ 0.47/Ton	Retained by the contract operator for services at the Landfill for the County. These services include the monitoring of the Monolithic Cover, the monitoring of Landfill gas, and hazardous water disposal. (Estimated at \$51,700.)
\$ 11.47/Ton	Retained by the County for the budgetary costs associated with the recommended operational costs of the Refuse Disposal Budget (estimated at \$1,261,670), and the indirect costs associated with Refuse Disposal (calculated in the Cost Allocation Plan - \$0.00).

**STAFFING**

<u>Permanent</u>	<u>2010-11 Authorized</u>	<u>2011-12 Recommended</u>	
		<u>Funded</u>	<u>Eliminated</u>
Assistant Engineer	1	1	
Solid Waste Manager	$\frac{1}{2}$	$\frac{0}{1}$	$\frac{1}{1}$ *
Total Permanent	2	1	1

\*Note: The Solid Waste Manager position was eliminated effective June 30, 2011, as approved by the Board of Supervisors on May 24, 2011. Management oversight now performed by the Senior Civil Engineer in the Engineering Division (Org 01315).

**SALARIES & EMPLOYEE BENEFITS**

- 710102**     **Permanent Salaries** (\$69,161) are recommended reduced \$77,973 based on the cost of recommended staff.
- 710200**     **Retirement** reflects the County's anticipated contribution to Social Security and the Public Employees' Retirement System.
- 710300**     **Health Insurance** is based on the employer's share of health insurance premiums.
- 710400**     **Workers' Compensation** reflects the Department's contribution to the County's Self-Insurance Internal Service Fund.

**SERVICES & SUPPLIES**

- 720200** **Clothing and Personal Supplies** (\$160) is recommended unchanged to provide rain gear, goggles, hard hats, and vests for protection during landfill inspections and site visits per OSHA regulations.
- 720300** **Communications** (\$525) is recommended reduced \$200 for communication related costs.
- 720600** **Insurance** contribution reflects the Department's contribution to the County's Self-Insured Liability Program.
- 720601** **General Insurance** (\$23,500) is recommended unchanged for the landfill pollution insurance required for the State permit.
- 721100** **Memberships** (\$6,211) is recommended increased \$11 for membership in Solid Waste Association of North America (\$211), and membership in the Environmental Services Joint Powers Authority (\$6,000).
- 721300** **Office Expense** (\$965) is recommended unchanged to provide technical manuals, film and development, reproduction, and miscellaneous office supplies. For 2011-12, the purchase of the following is recommended: 1 - 4-Drawer File Cabinet w/lock (N) (\$465).
- 721400** **Professional & Specialized Services** (\$1,001,712) is recommended reduced \$38,870 to provide for the following:
- (\$584,640) Refuse transportation cost from the North Fork and Oakhurst Transfer sites to the Landfill of an estimated 24,000 tons for 2011-12 at the current transfer rate of \$24 per ton, with an estimated increase of 3% per ton in January 2012.
  - (\$119,652) Necessary contractual services to implement and maintain a water monitoring program required by the State Water Quality Control Board. The contractor interprets ground water data, completes the verification process, drafts a feasibility report for corrective action, maintains a close liaison with the State, and drills ground water monitoring wells. The current contract ends September 1, 2011. The County will go out for bid for these services; estimated annual costs are \$119,652.
  - (\$115,000) Operational costs of the permanent Household Hazardous Waste (HHW) Facility at the Landfill and one to two (1-2) household hazardous waste events in Eastern Madera County. The HHW Facility is open for four hours on Saturdays, and certified personnel accept all household hazardous waste, stored in the proper containers; transport to the appropriate disposal sites; and are responsible for all required record keeping of the hazardous waste. The contract term ends on June 30, 2012.
  - (\$182,420) Paleontology monitoring services at the Landfill. The County currently contracts with California State University, Fresno with a contract ending June 30, 2012. The contract includes a 4% increase each fiscal year.

**SERVICES & SUPPLIES (continued)**

- 721500**      **Publications & Legal Notices** (\$200) is recommended unchanged for publishing Notice to Bidders for well installation and soil borings, notice of increase in tipping fees, notices of public hearings, etc.
- 721600**      **Rents & Leases - Equipment** (\$3,000) is recommended unchanged for equipment rental cost for anticipated erosion control work at the closed North Fork and Ripperdan dump sites (\$250), and for use of vehicles from the Central Garage (\$2,750).
- 721800**      **Small Tools & Instruments** (\$50) is recommended unchanged for flashlights, flagging and staking lath.
- 721900**      **Special Departmental Expense** (\$108,596) is recommended increased \$105,596 for fees required by the State Water Quality Control Board (\$2,000), expenditures associated with recycling, used oil and household hazardous waste programs not grant eligible (\$1,000), and for reimbursement of Senior Civil Engineer oversight of the refuse disposal function.
- 722000**      **Transportation & Travel** (\$2,800) is recommended unchanged to attend meetings and workshops regarding solid waste disposal and State-mandated programs.