

**COUNTY OF MADERA  
BUDGET UNIT EXPENDITURE DETAIL  
BUDGET FOR THE FISCAL YEAR 2012-13**

Department: **RMA -  
ENGINEERING (11100)**  
Function: **Liner Fund**  
Activity: **Refuse**  
Fund: **Enterprise Fund**

<u>ACCOUNT CLASSIFICATION</u>	ACTUAL EXPENDITURES <u>2010-11</u>	BOARD APPROVED EXPENDITURES <u>2011-12</u>	DEPARTMENT REQUEST <u>2012-13*</u>	CAO RECOMMENDED <u>2012-13*</u>
<b>Fund Balance as of 6/30/2012</b>			<b>1,757,956</b>	<b>1,757,956</b>
<b>REVENUES</b>				
640101 Interest on Cash	18,145	15,123	18,000	18,000
640300 Rents & Concessions	15,750	15,750	19,800	19,800
620600 Franchise Fees			11,000	11,000
662100 Sanitation/Landfill Surcharge	2,550	2,549	2,500	2,500
662101 Landfill Surcharges	625,907	568,105	2,480,160	2,480,160
<b>TOTAL REVENUES</b>	<b>662,351</b>	<b>601,527</b>	<b>4,289,416</b>	<b>4,289,416</b>
<b>EXPENSES</b>				
<b>SERVICES &amp; SUPPLIES</b>				
720200 Clothing and Personal Supplies	-	-	160	160
720300 Communications	-	-	9,000	9,000
720600 Insurance	-	-	20,000	20,000
720601 General Insurance	-	-	24,000	24,000
721100 Memberships	-	-	6,549	6,549
721300 Office Expense	-	-	1,000	1,000
721400 Professional & Specialized Services	25,393	-	1,181,322	1,181,322
721500 Outside Attorneys & Other Experts	-	-	560,000	560,000
721500 Publications & Legal Notices	-	-	200	200
721600 Rents & Leases - Equipment	-	-	3,000	3,000
721800 Small Tools & Instruments	-	-	50	50
721900 Special Departmental Expense	28,544	28,500	217,480	217,480
722000 Transportation & Travel	-	-	2,800	2,800
722100 Utilities	-	-	5,000	5,000
731401 Interfund Expend - Cost Plan (A87)	-	-	-	-
740200 Buildings and Improvements	113,053	-	157,100	157,100
750119 Op Transfer Out Improvement Fund	-	-	155,899	155,899
780100 Appropriation for Contingency	-	2,085,342	1,945,856	1,945,856
<b>TOTAL EXPENSES</b>	<b>166,990</b>	<b>2,113,842</b>	<b>4,289,416</b>	<b>4,289,416</b>

\* Reflects consolidation of Refuse Disposal General Fund Budget (01380) into Refuse Disposal Liner Fund to reflect overall operations.

**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.

Note: This budget reflects the consolidation of budget organization #01380 – Refuse Disposal (General Fund) into budget organization #11100 – Refuse Disposal Liner Fund (Enterprise Fund) to reflect overall operations.

**Solid Waste Flow Control Agreement**

On February 1, 2008, the County and the two Cities (City of Chowchilla and City of Madera) entered into a new Solid Waste Flow Control Agreement. The initial term of the agreement was for five years, expiring on December 31, 2012, with an option for an extension of an additional five 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 (w/ annual CPI increases) was charged for each ton of refuse received at the Fairmead Landfill from the Cities, rather than a \$50 (w/ annual CPI increases) 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. On October 11, 2011, the Board approved a tipping fee reduction for one-time regulatory costs that have been paid. The 2012-13 Refuse Disposal budget reflects the current tipping fee as \$53.39 per ton for public/County, and \$37.39 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 Operator and 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

**COMMENTS (continued)**

**Construction Projects Funded by Low Interest Loan (continued)**

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 per month, for repayment of the loan. The loan will be paid off in June 2016.

**REVENUE**

This budget is 100% funded by landfill surcharges based on the current tipping fee rates of \$53.39 per ton for the County and Public Rates, \$37.39 per ton for the City of Madera and City of Chowchilla residential rates, and also based on the actual tonnages received from the incorporated and unincorporated areas of the County. The County receives \$13.54 from the Cities' tipping fee (\$37.39). The County also receives \$29.54 from the unincorporated and public self haulers tipping fee (\$53.39).

	<b><u>Actual 2009-10</u></b>	<b><u>Estimated 2010-11</u></b>	<b><u>Estimated 2011-12</u></b>	<b><u>Projected 2012-13</u></b>
Landfill Surcharges	\$1,448,825	\$1,297,307	\$1,261,670	\$2,480,160

**Projected Revenues**

- Estimated Annual Tonnage from City of Chowchilla and City of Madera are 37,000 tons. The Estimated Surcharge Revenue is (37,000 x \$13.54 = \$500,980)
- Estimated Annual Tonnage from Unincorporated areas and public self haul are 67,000 tons. The Estimated Surcharge Revenue is (67,000 x \$29.54 = \$1,979,180)

Total Projected Revenues for 2012-13 are \$2,480,160.

**The Operator retains the following for Operational Expenses of \$23.85/Ton**

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

**RMA - REFUSE DISPOSAL  
Liner Fund**

**STAFFING**

<b><u>Permanent</u></b>	<b>2011-12 Authorized</b>		<b>2012-13</b>
	<b><u>Funded</u></b>	<b><u>Eliminated</u></b>	<b><u>Recommended</u></b>
Assistant Engineer*	1	0	0
Solid Waste Manager**	<u>0</u>	<u>1**</u>	<u>0</u>
Total Permanent	1	1	0

\*It is recommended that the Assistant Engineer position be transferred to Engineering Admin (01315) budget.

\*\*The Solid Waste Manager position was eliminated effective June 30, 2011.

**SERVICES & SUPPLIES**

- 720200**      **Clothing and Personal Supplies** (\$160) is recommended to provide rain gear, goggles, hard hats, and vests for protection during landfill inspections and site visits per OSHA regulations.
  
- 720300**      **Communications** (\$9,000) is recommended to provide for communication related costs (cell phones \$1,440, and remote video camera monitoring services \$7,560).
  
- 720600**      **Insurance** reflects the Department's contribution to the County's Self-Insured Liability Program.
  
- 720601**      **General Insurance** (\$24,000) is recommended to provide for the landfill pollution insurance required for the State permit.
  
- 721100**      **Memberships** (\$6,549) is recommended for memberships in the Solid Waste Association of North America (\$549) and the Environmental Services Joint Powers Authority (\$6,000).
  
- 721300**      **Office Expense** (\$1,000) is recommended to provide technical manuals, reproduction, and miscellaneous office supplies.
  
- 721400**      **Professional & Specialized Services** (\$1,181,322) is recommended to provide for the following:
  - \$480,000      Refuse transportation costs from the NFTS and EMADCO to the Fairmead Landfill of an estimated 20,000 tons for 2012-13 at the transportation cost of \$24.00 per ton.

**SERVICES & SUPPLIES (continued)**

**721400      Professional & Specialized Services (continued)**

- \$101,089      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.
- \$157,200      Necessary contractual services to monitor, operate and maintain the landfill gas extraction system, required by the San Joaquin Valley Air Pollution Control District.
- \$87,000      Operational costs of the permanent Household Hazardous Waste (HHW) Facility at the Landfill and one to two 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.
- \$175,000      Paleontology monitoring services at the Landfill. The County contracts with California State University, Fresno for Paleontology cataloging services (\$50,000). The County contracts with the Paleontology Foundation for Paleontological monitoring services, requirements in accordance with the PRMP, and lease of the Fossil Discover Center Facility (\$125,000).
- \$226,033      Reimbursement of Department of Engineering Cost – 15% of County Engineer (\$21,335), 40% of Senior Engineer (\$50,125), 100% of Assistant Engineer (\$97,366), Public outreach and media cost to promote recycling and diversion (\$19,447), Engineering design and construction inspection (\$37,760). Some of these services may be performed by County staff or consultants as needed.

**721433      Outside Attorneys and Other Experts (\$560,000) is recommended to provide for the following:**

- \$160,000      Expert/consultant analysis of County Landfill and collection operations and preparation of an RFP, as well as assist the County with selection, award, and negotiations.
- \$400,000      Outside attorneys and legal services.

**721500      Publications & Legal Notices (\$200) is recommended for publishing Notice to Bidders for well installation and soil borings, notice of increase in tipping fees, notices of public hearings, etc.**

**RMA - REFUSE DISPOSAL  
Liner Fund**

**SERVICES & SUPPLIES (continued)**

- 721600**      **Rents & Leases - Equipment** (\$3,000) is recommended 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 for flashlights, flagging and staking lath.
- 721900**      **Special Departmental Expense** (\$217,480) is recommended for the following regulatory and departmental expenses below;
- \$60,000      Local Enforcement Agency (County Environmental Health Department) fees related to the State-mandated oversight of landfill operations; reimbursements for costs incurred by County Environmental Health Department.
  - \$116,480      Department of Resources Recycling and Recovery, CalRecycle (formerly the California Integrated Waste Management Board) for administrative and regulatory oversight fees. Fees currently assessed at \$1.40 per buried ton. Estimated buried tons for 2012-13 is 83,200 tons, which is approximately 75%-80% of received tonnage.
  - \$40,000      State Regional Water Quality Control Board for administrative and regulatory oversight fees. The RWCQB increased their regulatory fees in 2011.
  - \$1,000      Expenditures associated with recycling, used oil and household hazardous waste programs not eligible for grant reimbursement.
- 722000**      **Transportation & Travel** (\$2,800) is recommended to attend meetings and workshops regarding solid waste disposal and State-mandated programs.
- 722100**      **Utilities** (\$5,000) is recommended for payment of PG&E, water, sewer, and garbage associated with the old Engineering Building, where the paleontological fossils are currently stored.
- 740200**      **Buildings and Improvements** (\$157,100) is recommended for payment of infrastructure costs and loans;
- \$122,100      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.
  - \$10,000      Install landfill remote camera monitoring system, hardware, and software.
  - \$25,000      Demolish existing church property and abatement of asbestos and lead paint.

**SERVICES & SUPPLIES (continued)**

- 750119**      **Op Transfer Out Improvement Fund** (\$155,899) is recommended to transfer to New Landfill Site Closure Fund (0110), to cover the future landfill closure costs based on JTD and permit requirements.
- 780100**      **Appropriation for Contingency** (\$1,945,856) is recommended contingencies for future infrastructure, improvements, the lining requirement of future expansions, including permitting activities, acquisitions, design, construction and associated activities.