

SONOMA COUNTY WASTE MANAGEMENT AGENCY

Regular Meeting

April 18, 2007

9:00 a.m.

City of Santa Rosa Utilities Department
Subregional Water Reclamation System Laguna Plant
4300 Llano Road, Santa Rosa, CA 95407
Estuary Meeting Room

***** UNANIMOUS VOTE ON ITEM #7.1 *****

AGENDA

- | <u>ITEM</u> | <u>ACTION</u> |
|---|---------------|
| 1. Call to Order/Introductions | |
| 2. <u>Attachments/Correspondence:</u>
Director's Agenda Notes | |
| 3. <u>On file w/Clerk: for copy call 565-3579</u>
Resolution Approving Appropriation Transfers for Organics
Resolution Approving Reuse Assistance Grant for SonoMax
Purchase Order for Printing of 2007 Recycling Guide by American Lithographers
Purchase Order Providing Funding for EPR Support Agreement with PPI | |
| 4. Public Comments | |

CONSENT CALENDAR

- | | |
|---|-------------------|
| 5.1 Minutes of March 21, 2007 | Discussion/Action |
| 5.2 Resolution for HHW Coordination Grant | |
| 5.3 Resolution for HHW Infrastructure Grant | |

PLANNING

- | | |
|---|-------------------|
| 6.1 Recommendations from LTF for
ColWMP Amendment [Carter](Attachment) | Discussion/Action |
|---|-------------------|

ADMINISTRATION

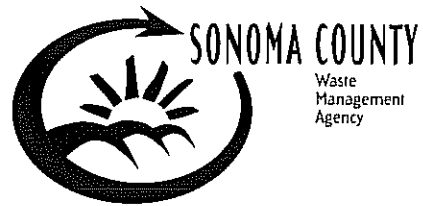
- | | |
|---|-----------------------|
| 7.1 Further Consideration of FY 07-08
Draft Budget
[Wells] (Attachment) | UNANIMOUS VOTE |
| 8. Boardmember Comments | |
| 9. Staff Comments | |
| 10. Adjourn | |

CONSENT CALENDAR: These matters include routine financial and administrative actions and are usually approved by a single majority vote. Any Boardmember may remove an item from the consent calendar.

REGULAR CALENDAR: These items include significant and administrative actions of special interest and are classified by program area. The regular calendar also includes "Set Matters," which are noticed hearings, work sessions and public hearings.

PUBLIC COMMENTS: Pursuant to Rule 6, Rules of Governance of the Sonoma County Waste Management Agency, members of the public desiring to speak on items that are within the jurisdiction of the Agency shall have an opportunity at the beginning and during each regular meeting of the Agency. When recognized by the Chair, each person should give his/her name and address and limit comments to 3 minutes. Public comments will follow the staff report and subsequent Boardmember questions on that Agenda item, and before Boardmembers propose a motion to vote on any item.

DISABLED ACCOMMODATION: If you have a disability that requires the agenda materials to be in an alternative format or requires an interpreter or other person to assist you while attending this meeting, please contact Ken Wells at the Sonoma County Waste Management Agency Office at 2300 County Center Drive, Suite B100, Santa Rosa, (707) 565-3579, at least 72 hours prior to the meeting, to ensure arrangements for accommodation by the Agency.



MEMORANDUM

DATE: April 5, 2007
TO: SCWMA Board Members
FROM: Ken Wells, Director
SUBJECT: APRIL 18, 2007 AGENDA NOTES

CONSENT CALENDAR

These items include routine financial and administrative items and **staff recommends that they be approved en masse by a single vote.** Any Board member may remove an item from the consent calendar for further discussion or a separate vote by bringing it to the attention of the Chair.

- 5.1) Approve Minutes of the March 21, 2007 SCWMA meeting.
- 5.2) Resolution for HHW Coordination Grant
- 5.3) Resolution for HHW Infrastructure Grant

REGULAR CALENDAR

PLANNING

- 6.1) Recommendations from LTF for ColWMP Amendment. As described in more detail in the attached staff report, use of out-of-County landfills is inconsistent with language in the 2003 ColWMP. This situation requires a revision of the Siting Element of the Sonoma Countywide Integrated Waste Management Plan. Language changes to the Siting Element have been approved by the Local Task Force. Significant changes include the alteration of text indicating waste disposal at the Central Landfill Site, the addition of waste haul by truck to out-of-county landfills, and the possible addition of waste haul by rail to out-of-county landfills. CEQA review, including an Environmental Impact Report, will be necessary before the revision can be adopted.

Recommended Action:

- (1) Consider accepting the draft language provided by the Local Task Force for this revision to the Summary Plan (Ch. 2) and the Siting Element (Ch. 6) and,
- (2) direct Staff to continue the Summary Plan and Siting Element revision process as defined by Title 14, Division 7, Chapter 9, Article 8, Sections 18780 – 18784 of the California Code of Regulations and,
- (3) direct staff to solicit proposals from consultants qualified to perform CEQA review of the revised Summary Plan and Siting Element.

ADMINISTRATION

- 7.1) Further Consideration of FY 07-08 Conceptual Budget The staff report for this item describes the FY 07-08 budget discussions at the February and March 2007 Agency meetings. The attached three budget scenarios for FY 07-08 do not use reserves for operating expenses and transfers \$300,000 from Contingency Reserves to HHW Operating Reserves. Scenario 3 also includes a one-year delay in the implementation of the HHW program recommendations and provides the most even tipping fee surcharge increase over future years, avoiding major single year rate increases.

Recommended Action: Direct to staff to prepare the FY 07-08 Final Budget based on the Scenario 3 draft FY 07-08 Budget. Unanimous Vote Item.



MINUTES OF MARCH 21, 2007

The Sonoma County Waste Management Agency met on March 21, 2007, at the City of Santa Rosa Utilities Department's Subregional Water Reclamation System Laguna Plant, 4300 Llano Road, Santa Rosa, California.

PRESENT:

City of Santa Rosa	Dell Tredinnick, Chair
City of Cotati	Marsha Sue Lustig
City of Cloverdale	Steve Holsinger
City of Healdsburg	Marjie Pettus
City of Petaluma	Vince Marengo
City of Rohnert Park	Tim Smith
City of Sebastopol	Dave Brennan
City of Sonoma	Steve Barbose
County of Sonoma	Dave Knight
Town of Windsor	Christa Johnson

STAFF PRESENT:

Director	Ken Wells
Counsel	Janet Coleson
Staff	Charlotte Fisher
	Patrick Carter

1. **CALL TO ORDER**
Chair, Dell Tredinnick, called the meeting to order at 9:02 am.
2. **ATTACHMENTS/CORRESPONDENCE**
Dell Tredinnick, Chair, called attention to the Director's Agenda Notes.
3. **ON FILE WITH CLERK**
Dell Tredinnick, Chair, noted Resolution 2007-03 is on file with the clerk.
4. **PUBLIC COMMENTS**
There were no public comments.

CONSENT

- 5.1 Minutes of February 21, 2007
- 5.2 Appropriation Transfers (Unanimous Vote Required)
- 5.3 Reuse Assistance Grant for SonoMax
- 5.4 Printing of 2007 Recycling Guide by American Lithographers
- 5.5 EPR Support Agreement with PPI
- 5.6 E-Waste Recycling Agreement with ASL

Vince Marengo, Petaluma, moved to approve the consent calendar. Tim Smith, Rohnert Park, seconded. Consent calendar approved.

HOUSEHOLD HAZARDOUS WASTE

6.1 HHW Recommendations Implementation Plan

Patrick Carter summarized previous Board actions and described the recommendations listed in the HHW Program Benchmarking and Program Evaluation report. Staff explained that the HHW Recommendations Implementation Plan was condensed into three independent actions;

- (1) solicit proposals and return to the Board with a contract for a consulting engineer to extend the canopy of the existing facility, and
- (2) solicit proposals and return to the Board with a contract to study the feasibility of adding HHW facilities described in the HHW Program Evaluation, and
- (3) evaluate the HHW program fees to align revenues more closely with expenses and return to the Board with recommended fee changes.

Dave Knight questioned whether the recommendations needed to be approved altogether. He supported recommendations #1 and #3, but he wanted to have more information about recommendation #2, including a comparison of those proposed facilities against the cost of the CTCs, and Rover in terms of participation and cost. He also requested exploring other sources of revenues other than just the surcharge tipping fee. Other Board members felt that it was premature to discuss this item as the financial impacts on the FY 07-08 budget had not yet been considered, so it was suggested that this item be tabled until after discussion on Item 7.1.

Dave Knight, County of Sonoma, moved to table Item 6.1 until after Item 7.1, the FY 07-08 Budget discussion. Dave Brennan, Sebastopol, seconded. Motion approved.

ADMINISTRATION

7.1 Further Consideration of FY 07-08 Draft Budget

After Ken Wells reviewed the direction to staff from the February 2007 Board meeting, he presented the draft FY 07-08 budget that included the Board's direction and included a \$1.00/ton increase for the wood waste, yard debris and refuse tipping fees for FY 07-08. Windsor asked for clarification that the Board was not considering the entire work plan and schedule of rate adjustments over the four years. Staff clarified that only the FY 07-08 budget and rate were presented for approval. After a lengthy discussion focused on the amount of the surcharge tipping fee increase and the language of the reserve policy, **Christa Johnson, Windsor, moved and Tim Smith, Rohnert Park, seconded approval of the proposed draft FY 07-08 Budget. A roll call vote was taken that failed to achieve the unanimous vote requirement (Cloverdale, Cotati, Healdsburg, Rohnert Park, Sonoma, Windsor – aye; Petaluma, Sebastopol, County of Sonoma – no; Santa Rosa – abstain).** Further discussion resulted in direction to staff to develop another draft FY 07-08 budget that would balance revenue with expenses for all surcharge cost centers (i.e., no excess revenue transfers to Reserves), transfer \$100,000 of Contingency Reserves to the HHW Operating Reserves for three years (total of \$300,000 transfer), and increase the tipping fee surcharge evenly over future years using the same program assumptions. Staff was asked to distribute the revised draft FY 07-08 budget as early as possible, prior to the distribution of the complete Agenda packet. Ken Wells indicated staff should be able to get a revised draft FY 07-08 budget to the Board in about two weeks, such that Board members could have as much time as possible to review the budget before the April 18 meeting. Staff will also provide the proposed cost of services for Petaluma under the same assumptions. Rohnert Park also requested an estimated non-tipping fee assessment such as the arrangement that the City of Petaluma is currently using. No further action was taken on this item.

HOUSEHOLD HAZARDOUS WASTE

6.1(continued) HHW Recommendations Implementation Plan

After concluding the discussion and direction on Item 7.1, proposed FY 07-08 budget, the Board returned to the Implementation Plan for the HHW Program Recommendations. Ken Wells noted that each of the recommended actions in the staff report can be considered as independent decisions. He also noted that significant grant fund support from the CIWMB was used for the current HHW facility and additional grant funding will be pursued when it is available.

Ken Wells confirmed that it was expected that staff would do the analysis to develop revised HHW program fees as proposed in recommendation #3 without the need for consultant services. Ken Wells explained the estimated cost of the canopy extension proposed under recommended action #1 was based on a \$100/square foot estimate for the full cost of the canopy extension of approximately 2,400 square feet, including design, engineering, permitting and construction.

Dave Brennan, Sebastopol, moved to direct staff to implement recommended action items #1 and #3, and return to the Board at a future meeting with a more detailed report on what would be included with recommendation action item #2. Dave Knight, County of Sonoma, seconded. Motion approved with a unanimous vote.

ADMINISTRATION

7.2 Unanimous Vote Requirement in JPA

Ken Wells noted this item was included as directed at the previous meeting, reviewed the past effort to modify the unanimous vote requirement, and presented potential change for consideration. The Board then discussed the challenges and the benefits to the smaller communities as well as allowing for productive information exchange with the unanimous vote requirement. Steve Holsinger, Cloverdale, stated he would not support a change in the unanimous vote requirement. Vince Marengo also noted he would not support a change to the requirement. No further action was taken on the item.

PLANNING

8.1 Recommendations from LTF for ColWMP Revision

Patrick Carter described the Agency's responsibility for the Countywide Integrated Waste Management Plan (ColWMP), the history of the ColWMP in Sonoma County, how the County's current solid waste management program is inconsistent with the ColWMP, and how the LTF became involved in the revision. The Board was advised that the changes proposed would also require the analysis of any new environmental impacts to comply with the California Environmental Quality Act. An estimated \$150,000 has been proposed in the FY 07-08 Budget in the Contingency Reserve for this item for a consultant who would assist staff with CEQA documents. The staff recommendation is that that the Board:

- (1) Consider accepting the draft language provided by the Local Task Force for this revision to the Summary Plan and the Siting Element and, if acceptable,
- (2) direct staff to continue the Summary Plan and Siting Element revision process as defined by Title 14, Division 7, Chapter 9, Article 8, Sections 18780 – 18784 of the California Code of Regulations and,
- (3) direct staff to solicit proposals from consultants qualified to perform CEQA review of the revised Summary Plan and Siting Element

Chair Tredinnick asked for public comments.

Mike Anderson, Chairman of the Local Task Force, stated that the public County landfill system is no longer functioning and the language in the proposed chapters was purposely made broad to allow the most future flexibility. These changes were reached by consensus of the two dozen task force members. The Brown Vence report put the Zero Waste concept at a high priority and the LTF is following this ranking by including this language as a goal.

Ernie Carpenter suggested reviewing the document for ambiguous statements. He believed that the word compliant was used inappropriately as it relates to landfill permitting. (*ed: Merriam Webster defines "compliant" as ready or disposed to comply, or conforming to requirements. Therefore, compliant is used correctly*).

Christa Johnson, Windsor, expressed concern with the new goal of Zero Waste and the financial implications, especially the policy about franchise fees being used to fund Zero Waste

programs. Santa Rosa expressed concerns about potential costs that could be incurred by the Agency as a result of implementing Zero Waste programs. Ken Wells responded by stating that no new programs were proposed in this revision and that the language changes in Chapter 2, other than those relating to the Siting Element, reflecting a change from considering discards as "waste" to a viewpoint that discards are resources which should be put to productive use.

The Board was unclear which changes were required and which were not, so staff was directed to create and return at the next meeting with a matrix describing the changes by listing the location, substance, and rationale of each substantive alteration of the text. No further action was taken on this item.

COMPOSTING/WOOD WASTE

9.1 Compost Program Update

There is a pilot program currently underway to sort wood waste from solid waste on the tipping building at the Central Disposal Site floor. Sonoma County is contracting with Sonoma Compost to sort and haul the wood to their facility, where it is processed under the Agency's program. The RFP for the assistance with siting of the permanent composting site and the environmental documentation has been issued with proposals expected to be submitted, reviewed and a contract brought to the Board by August 2007.

10. BOARD MEMBER COMMENTS

Dave Brennan, City of Sebastopol, asked for definitive information concerning the requirement to move the composting operation off the Central Disposal Site. He also asked what is preventing a relocation of the compost operation within the boundary of the Central Disposal Site. This will be included on a future Agency agenda.

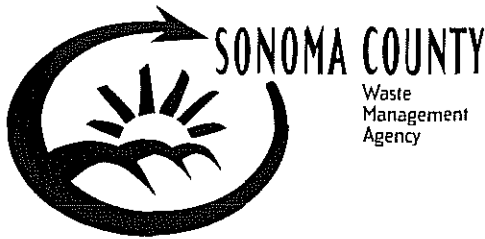
11. STAFF COMMENTS

Ken Wells reminded Board members to submit their Form 700 Financial Disclosure forms.

12. ADJOURN

Meeting adjourned at 11:30 a.m.

Respectfully submitted,
Charlotte Fisher



Agenda Item #: 5.2
Cost Center: HHW
Staff Contact: Carter
Agenda Date: April 18, 2007

ITEM: Resolution authorizing submittal of a Household Hazardous Waste Coordination Grant application to the California Integrated Waste Management Board

I. BACKGROUND

Household Hazardous Waste (HHW) Coordination Grants are non-competitive grants offered to California counties annually by the California Integrated Waste Management Board. This offering is a single-year grant (beginning FY 2007/08) with a maximum \$7,000 award, based on Sonoma County's population. There is no requirement for in-kind or matching funds.

The role of the Agency for this grant application is to act as the fiscal sponsor for the Sonoma County Department of Health Services, Prevention & Planning Division (SCDHS). The SCDHS will work with a consultant and other Bay Area counties to utilize the coordination grants to develop a Countywide "sharps" (syringe and needle) collection strategy. This grant would seek \$7,000 in funding for this purpose.

II. FUNDING IMPACT

There is no direct funding impact for this requested action, beyond staff time necessary for coordinating the preparation of the grant application materials. After grant award, there will be staff time required for tracking expenses and submitting grant reimbursements. The Agency will include reimbursement of this administration cost in the grant application.

III. RECOMMENDED ACTION / ALTERNATIVES TO RECOMMENDATION

Agency staff recommends the chair sign the attached Resolution authorizing submittal of a FY 07-08 Household Hazardous Waste Coordination Grant application to the California Integrated Waste Management Board.

IV. ATTACHMENTS

Resolution authorizing submittal of a Household Hazardous Waste Coordination Grant application to the California Integrated Waste Management Board

Resolution No.
Sonoma County Waste Management Agency
Santa Rosa, California
April 18, 2007

RESOLUTION AUTHORIZING THE SONOMA COUNTY WASTE MANAGEMENT AGENCY TO SUBMIT
A HOUSEHOLD HAZARDOUS WASTE COORDINATION GRANT APPLICATION

WHEREAS, Public Resources Code Section 47200 authorizes the California Integrated Waste Management Board (Board) to award grants to cities, counties, and local agencies with responsibility for waste management for local programs that help prevent the disposal of hazardous waste, including household hazardous waste at solid waste facilities; and

WHEREAS, Household Hazardous Waste Grants are designed to support local governmental agencies' efforts to reduce the amount of HHW disposed at solid waste landfills; and

WHEREAS, on February 13, 2007 the California Integrated Waste Management Board approved the Scoring Criteria and Evaluation Process for the FY 2007/08 Household Hazardous Waste Grant Program; and

WHEREAS, the California Integrated Waste Management Board will enter into an agreement with the Grantee for development of the project;

NOW, THEREFORE, BE IT RESOLVED that the Sonoma County Waste Management Agency authorizes the submittal of an application to the California Integrated Waste Management Board for a Household Hazardous Waste Coordination Grant for the period of April 18, 2007; not to extend beyond June 30, 2008.

BE IT FURTHER RESOLVED THAT the Agency Director, Ken Wells, or his/her designee, is hereby authorized and empowered to execute all necessary documents in the name of the Sonoma County Waste Management Agency, including but not limited to, applications, agreements, amendments, and payment requests to secure grant funds and to implement and carry out the purposes specified in the grant.

MEMBERS:

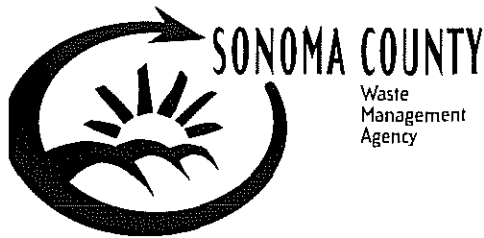
--	--	--	--	--
_____ Cloverdale	_____ Cotati	_____ County	_____ Healdsburg	_____ Petaluma
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_____ Rohnert Park	_____ Santa Rosa	_____ Sebastopol	_____ Sonoma	_____ Windsor

AYES -- NOES -- ABSENT -- ABSTAIN -- SO ORDERED.

The within instrument is a correct copy
of the original on file with this office.

ATTEST: DATE:

Elizabeth Koetke
Clerk of the Sonoma County Waste Management
Agency of the State of California in and for the
County of Sonoma



Agenda Item #: 5.3
Cost Center: HHW
Staff Contact: Carter
Agenda Date: April 18, 2007

ITEM: Resolution authorizing submittal of a Household Hazardous Waste Grant application to the California Integrated Waste Management Board

I. BACKGROUND

Household Hazardous Waste (HHW) Infrastructure Grants are competitive grants offered to California public agencies annually by the California Integrated Waste Management Board. This offering is a multi-year grant (beginning FY 2007/08) with a maximum \$200,000 award. There is no requirement for in-kind or matching funds.

The project proposed for this grant is to perform the feasibility, siting, and planning necessary for up to five proposed new HHW collection/storage facilities. The need for the expansion of HHW infrastructure has been established by the Sonoma County Household Hazardous Waste Program Benchmarking and Program Evaluation Report presented to the Agency by Sweetser & Associates and Special Waste Associates at the January 17, 2007 meeting.

This grant would seek \$200,000 in funding for these activities. Award of the grant would enable the Agency to significantly decrease the costs to the Agency associated with planning for additional HHW facilities, which would further facilitate the responsible reuse, recycling, or disposal of hazardous wastes in Sonoma County.

II. FUNDING IMPACT

There is no direct funding impact for this requested action, beyond staff time necessary for preparing the grant application. The Agency will include reimbursement of the grant administration cost in the grant application and will propose matching funds from the FY 07-08 HHW budget to make the grant application more competitive while significantly leveraging the Agency's limited funds.

III. RECOMMENDED ACTION / ALTERNATIVES TO RECOMMENDATION

Agency staff recommends the chair sign the attached Resolution authorizing submittal of a FY 07-08 Household Hazardous Waste Infrastructure Grant application to the California Integrated Waste Management Board.

IV. ATTACHMENTS

Resolution authorizing submittal of a Household Hazardous Grant application to the California Integrated Waste Management Board

Resolution No.
Sonoma County Waste Management Agency
Santa Rosa, California
April 18, 2007

RESOLUTION AUTHORIZING THE SONOMA COUNTY WASTE MANAGEMENT AGENCY TO SUBMIT
A HOUSEHOLD HAZARDOUS WASTE INFRASTRUCTURE GRANT APPLICATION

WHEREAS, Public Resources Code Section 47200 authorizes the California Integrated Waste Management Board (Board) to award grants to cities, counties, and local agencies with responsibility for waste management for local programs that help prevent the disposal of hazardous waste, including household hazardous waste at solid waste facilities; and

WHEREAS, Household Hazardous Waste Grants are designed to support local governmental agencies' efforts to reduce the amount of HHW disposed at solid waste landfills; and

WHEREAS, on February 13, 2007 the California Integrated Waste Management Board approved the Scoring Criteria and Evaluation Process for the FY 2007/08 Household Hazardous Waste Grant Program; and

WHEREAS, the California Integrated Waste Management Board will enter into an agreement with the Grantee for development of the project;

NOW, THEREFORE, BE IT RESOLVED that the Sonoma County Waste Management Agency authorizes the submittal of an application to the California Integrated Waste Management Board for a Household Hazardous Waste Grant for the period of April 18, 2007, not to extend beyond April 30, 2011.

BE IT FURTHER RESOLVED THAT the Agency Director, Ken Wells, or his/her designee, is hereby authorized and empowered to execute all necessary documents in the name of the Sonoma County Waste Management Agency, including but not limited to, applications, agreements, amendments, and payment requests to secure grant funds and to implement and carry out the purposes specified in the grant.

MEMBERS:

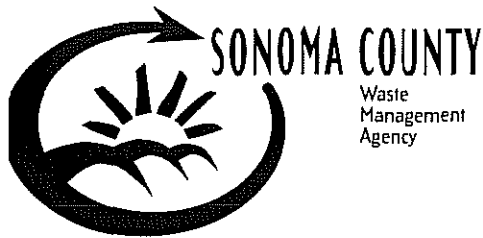
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Cloverdale	Cotati	County	Healdsburg	Petaluma
--	--	--	--	--
Rohnert Park	Santa Rosa	Sebastopol	Sonoma	Windsor

AYES -- NOES -- ABSENT -- ABSTAIN -- SO ORDERED.

The within instrument is a correct copy
of the original on file with this office.

ATTEST: DATE:

Elizabeth Koetke
Clerk of the Sonoma County Waste Management
Agency of the State of California in and for the
County of Sonoma



Agenda Item #: 6.1
Cost Center: Planning
Staff Contact: Carter
Agenda Date: 4/18/07

ITEM: Revision to the 2003 ColWMP

I. BACKGROUND

Beginning in October 2005, Sonoma County began hauling all county solid waste to out-of-county landfills. This waste management disposal activity is inconsistent with the 2003 County-wide Integrated Waste Management Plan's (ColWMP's) Siting Element which indicates that solid waste will be disposed in a publicly-owned landfill in Sonoma County. To address this inconsistency, language has been proposed to be added to the Siting Element indicating solid waste disposal can be provided by private, out-of-County landfills and that contracts with these landfills will satisfy the requirement to identify at least fifteen years of disposal capacity for the county's solid waste. The proposed revision also allows for the potential transport of waste by rail in addition to truck. Provisions that prohibit private ownership of landfills within the county have been removed, allowing possible divestiture of County-owned disposal sites. Text was also added to the Goals, Objectives, and Policies section to formalize the community commitment toward zero waste.

The SCWMA is a regional agency as defined under Section 40970 of the California Public Resources Code and as such is responsible for the planning documents required for compliance with California's Integrated Waste Management Act (AB 939). The proposed language changes in waste management practices from the 2003 ColWMP require the analysis of environmental impacts to comply with the California Environmental Quality Act (CEQA). It will be necessary for the SCWMA to hold public meetings and address comments on the environmental impacts that occur as a result of any new waste management practices caused by this revision, as well as approval of environmental documents.

A. History

Sonoma County's first Countywide Integrated Waste Management Plan (1996 ColWMP) was adopted by the California Integrated Waste Management Board (CIWMB) in April 1996, as required by the California Integrated Waste Management Act of 1989 (AB 939). The 1996 ColWMP underwent a comprehensive update to include additional policies, programs, and facilities in 2003. The 2003 Countywide Integrated Waste Management Plan was adopted by the Sonoma County Waste Management Agency on October 15, 2003.

The Agency assumed responsibility for County-wide solid waste management planning from the County when it was designated by the CIWMB as a Regional Agency in 1996. As required by AB 939, the ColWMP describes policies, programs, and facilities that Sonoma County uses to divert a minimum of 50% of its solid waste from landfill disposal. As part of the ColWMP, the Siting Element is required to identify, at minimum, fifteen years of disposal capacity for Sonoma County.

The decision by the North Coast Regional Water Quality Control Board to prohibit construction of additional capacity at the Central Disposal Site resulted in the suspension of landfilling activities and the out-haul of 100% of the County's solid waste beginning in October, 2005. Contracts between the County of Sonoma and five Bay Area private landfills (Redwood Landfill, Potrero Hills Landfill, Keller Canyon Landfill, Vasco Road Landfill, and West Contra Costa Landfill)

secured disposal capacity until September 30, 2010, at which time further contracts will be required to satisfy the AB 939 requirements for disposal capacity.

Following a request from the County to revise the ColWMP to reflect this new solid waste disposal situation, the AB939 Local Task Force created an ad-hoc ColWMP revision subcommittee to revise and update the ColWMP. The subcommittee met in September, October, November, and December 2006 to revise the applicable text. The revision was submitted and approved by the entire LTF on February 15, 2007.

B. Previous Actions

- | | |
|--------------------|---|
| March 13, 2003: | LTF recommended that the SCWMA adopt the 2003 ColWMP. |
| October 15, 2003: | SCWMA certified the Final Supplemental Program EIR, adopted the 2003 ColWMP and directed staff to submit the 2003 ColWMP to the CIWMB. |
| May 17, 2006: | Sonoma County requested that the LTF revise the ColWMP with regard to the hauling of waste out of Sonoma County. |
| February 15, 2007: | LTF recommended that the SCWMA adopt the revisions to the text in the Goals, Objectives, and Policies (Chapter 2) and to the Siting Element (Chapter 6) of the 2003 ColWMP. |

II. DISCUSSION

At the March 21, 2007 Agency meeting, after discussing the proposed changes to the 2003 ColWMP, the Board gave staff direction to create and return with a matrix to describe the changes made to the documents. The attached table identifies the location, references the text, and provides the reasoning behind each requested change. Staff has further distinguished between the revisions required as a result of the suspension of landfill activities at the Central Disposal Site from recommended policy changes of the LTF and stylistic changes.

No new programs are proposed as a result of this revision.

III. FUNDING IMPACT

For FY 07-08, the \$150,000 has been budgeted for a consultant who would assist staff with CEQA documents associated with the ColWMP revision. Staff time has been included in the FY 07-08 budget to manage the consultant and coordinate meetings and prepare staff reports.

IV. RECOMMENDED ACTION / ALTERNATIVES TO RECOMMENDATION

- (1) Consider accepting the draft language provided by the Local Task Force for this revision to the Summary Plan and the Siting Element and, if acceptable,
- (2) direct staff to continue the Summary Plan and Siting Element revision process as defined by Title 14, Division 7, Chapter 9, Article 8, Sections 18780 – 18784 of the California Code of Regulations and,
- (3) direct staff to solicit proposals from consultants qualified to perform CEQA review of the revised Summary Plan and Siting Element.

V. ATTACHMENTS

Ch. 2 - Goals, Objectives, and Policies
Ch. 6 - Siting Element
Revision Descriptions

CHAPTER 2

GOALS, OBJECTIVES, AND POLICIES

Direction for the county's solid waste management system is provided by AB 939 and subsequent legislation, the Sonoma County Waste Management Agency (SCWMA), and implementation regulations adopted by the California Integrated Waste Management Board (CIWMB) and is described in this chapter of the Countywide Integrated Waste Management Plan (CoIWMP). This direction is provided by a Mission Statement, Goals, Objectives, and Policies. A listing of the goals, objectives, and policies is provided for summary purposes and to emphasize their relationship to both the short- (2007-2010) and medium-term (2011-2022) planning periods and for a 50-year disposal horizon (long-term).

1

2.1 MISSION STATEMENT

This mission statement is implicit in, and applies to, all goals, objectives, and policies that form the basis of the CoIWMP.

The County of Sonoma will plan and implement programs to satisfy the county's solid waste management needs for the next ~~fifty~~ *fifteen* years in a manner that is cost-effective and is operated to follow the State of California's solid waste management hierarchy *with the goal of recognizing and managing discarded materials as a resource*. The hierarchy consists of waste prevention (source reduction), reuse, recycling, composting, and disposal. In addition, the solid waste management system for the county shall protect public health, safety, and well being; preserve the environment; and provide for the maximum feasible conservation of natural resources and energy production.

2

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2.2 GOALS

Goals are general statements of the desires of the community used in planning and implementing solid waste programs. The goals of this CoIWMP are applicable through the short- and medium-term planning periods and the general direction of Sonoma County thereafter (long-term).

GOAL A: In order to help ensure the sustainability of our communities and to conserve natural resources and landfill capacity, the Sonoma County Waste Management Agency (SCWMA), County and the Cities will continue to improve their municipal solid waste management system through emphasis on the solid waste management hierarchy of waste prevention (source reduction), reuse, recycling, composting and disposal.

GOAL B: The County and the Cities will exercise regional cooperation in the achievement of solid waste planning objectives through the SCWMA.

GOAL C: The solid waste management system in Sonoma County will be planned and operated in a manner to protect public health, safety and the environment.

GOAL D: The County, the Cities and/or the SCWMA will provide public information and education programs, economic incentives, encourage voluntary participation in waste prevention (source reduction) programs and strive to strengthen markets for recycled and composted materials to achieve solid waste planning objectives.

GOAL E: The County and the Cities and/or the SCWMA will provide cost-effective and environmentally sound waste management services, including special waste *materials* and household hazardous waste *materials* handling and disposal, over the long term to all community residents and promote access to the services.

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GOAL F: The County's solid waste disposal facilities will be sited and operated in a manner to minimize energy use, conserve natural and financial resources, and protect prime agricultural lands and other environmentally sensitive or culturally sensitive areas.

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GOAL G: The County, the Cities, and the SCWMA plan to achieve a 70% diversion rate by 2015 and will seek to achieve zero waste as our long term goal.

2.3 OBJECTIVES

Objectives are measurable achievements, the attainment of which provides documentation of the success of the County, Cities and the SCWMA in meeting solid waste goals.

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- The County, and the Cities, and the SCWMA will achieve a ~~50 percent~~ diversion (see Figure 1-1) of wastes being disposed of in County landfills by the year 2003 and a 70 percent diversion rate by 2015, based on 1990 rates.

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- The County, the Cities, and the SCWMA will, to the maximum extent possible, achieve zero waste by implementing and supporting strategies to eliminate waste through the design of products and the use of other discarded materials for reuse or for another product or purpose.

- The SCWMA will distribute solid waste educational material to all county households and businesses at least annually.

- The SCWMA will monitor and evaluate, at the end of the short and medium terms, educational programs outlined in the SRRE and the HHWE to improve their effectiveness.

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- The SCWMA, County and the Cities will ~~achieve participation~~ continue to encourage participation in the County's Household Hazardous Waste (HHW) collection program.

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- The SCWMA will achieve measurable reduction of landfill disposal of prohibited wastes materials documented by waste characterization studies at transfer facilities at the end of the short term and medium term planning periods.

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- The County will develop disposal capacity for solid waste not handled by other elements of the management hierarchy for a 50-year horizon. Disposal capacity is addressed in the Siting Element of the CoIWMP.

2.3.1 Siting Element Objectives

The following objectives are specific to the Siting Element and the siting of new solid waste facilities.

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Short-Term Planning Period (2003 to 2008 2007-2010) Objectives:

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- The County will use Objective and consistent siting criteria and policies will be used for the siting of solid waste disposal facilities.

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- The County Project proposers/owners will document the siting process and provide the public with information on a regular basis to ensure that the public and decision-makers are fully informed. Procedures for making siting decisions will be described in addition to the reasons for selection or elimination of potential sites.
- The County will estimate the need for countywide disposal capacity for the municipal solid waste stream after all feasible diversion programs are implemented and initiate

efforts to establish *or secure* sufficient landfill capacity *either in-county or out-of-county* to allow for achievement of the County's policy to provide approximately 50 at least fifteen years of disposal capacity.

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- The County's existing transport and disposal agreements expire in August 2010. In 2009, the County will initiate a process to either extend or bid new transport and disposal contracts which will secure landfill capacity at least until 2022.

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Medium-Term Planning Period (2009 to 2018 2011 to 2022) Objectives:

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- The ~~If the~~ County ~~will or other entities~~ implement the siting process and it will provide public information to ensure that the public and decision-makers are fully informed. Procedures for making siting decisions will be described in addition to the reasons for selection or elimination of potential sites.

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2.4 IMPLEMENTATION POLICIES

Implementation policies are actions taken by the SCWMA, County and City governments, and other agencies that result in specific behavior that will lead to the meeting of these goals and objectives. These policies facilitate the implementation of programs identified in the Source Reduction and Recycling Element (SRRE) and Household Hazardous Waste Element (HHWE).

2.4.1 Source Reduction Implementation Policies

- The SCWMA, County and the Cities will encourage innovative and creative methods and consider funding for waste prevention (source reduction), recycling, and education that will benefit the community and the environment.
- The SCWMA, County and the Cities will encourage and support the use of waste minimization practices for business, government agencies, and the public by distributing information on the availability of waste minimization options.
- The SCWMA, the County, and the Cities will continue to encourage and support backyard composting for businesses, residences, and government agencies by providing information and technical assistance.
- The SCWMA will support state and local ~~waste material~~ exchange programs by making information available on a countywide basis. ~~Waste Material~~ exchange programs arrange contact between people who have reusable ~~waste materials~~ and those who have a use for the ~~waste discarded items~~.
- The SCWMA will encourage and support the recovery, repair, and resale of discarded items by distributing information on these waste management options.

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2.4.2 Recycling Implementation Policies

- The County and the Cities will provide access to residential recycling programs for all households, including single-family, multi-family, and mobile homes, that subscribe to garbage services by the end of the short-term planning period.
- The SCWMA, County and the Cities will provide convenient drop-off opportunities for recyclables.

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- The SCWMA, County and the Cities will support and encourage office, commercial, industrial, and institutional recycling by providing information and technical assistance.
- The SCWMA, County and the Cities will support and encourage school recycling by providing technical assistance, performing waste audits to determine the recyclable materials, and providing information on developing in-school recycling programs..
- The County and the Cities will adopt purchasing policies for buying recycled materials to support markets for recycled materials.

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- *The SCWMA will support and encourage source reduction, recycling and composting activities at large events and other major venues by providing information and technical support.*
- The County will encourage the separation of materials for use in appropriate composting or reuse programs by setting differential disposal fees when feasible.

2.4.3 Composting Implementation Policies

- The SCWMA, County and the Cities will provide access to composting opportunities through implementation of composting facilities and programs which may be regional or local, public or private.
- The SCWMA will provide and administer a regional composting facility.

2.4.4 Special Waste Implementation Policies

- The SCWMA, County and the Cities will promote recycling of construction and demolition debris through education, regulation and economic incentives.
- The County will provide alternative disposal options for recyclable items or materials such as, but not limited to, yard debris, recyclable wood waste, whole tires, and appliances and ban the landfill disposal of these items.
- The SCWMA will provide the public access to information on recycling and reuse options for white goods (i.e., appliances), brown goods (i.e., furniture), e-waste (i.e., electronics) and other usable items that are disposed in debris boxes.

2.4.5 Education and Public Information Implementation Policies

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- The SCWMA will provide the public access to information regarding solid and household hazardous waste issues and programs through the Eco-Desk hotline.
- The SCWMA will promote awareness of waste disposal and diversion options in the business community through advisory committees and other outreach efforts.
- The SCWMA will prepare an annual monitoring and evaluation report that documents each jurisdiction's progress in meeting integrated waste program objectives.
- The SCWMA will conduct evaluations to measure the effectiveness of education efforts at the end of the short- and medium-term planning periods and more often if appropriate for specific projects.

2.4.6 Zero Waste Implementation Policies

- *The SCWMA will continue to support governmental and non-governmental organizations in the development and implementation of Extended Producer Responsibility policies.*
- *The County, the Cities, and the SCWMA will support innovations and creative methods to achieve zero waste by providing funding for programs that will benefit the community and environment.*
- *Zero waste efforts can be funded by hauler or franchise fees, user fees, tipping fees, or through Extended Producer Responsibility legislation.*
- *The County, the Cities, and the SCWMA will encourage and support zero waste practices by businesses, government agencies, and the public through education and distribution of information on the definition and benefits of zero waste policies and practices.*

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2.4.7 Solid Waste Management Implementation Policies

- *The County Department of Transportation and Public Works, Integrated Waste Division, and the Local Enforcement Agency (County Department of Health Services, Environmental Health Division) will continue to supervise and monitor, respectively, the solid waste collection and disposal management practices in the county to ensure the health and safety of the public and protection of the environment.*
- *The operators of solid waste facilities will document and report all prohibited wastes materials that are discovered as a result of load checking activities to the Local Enforcement Agency.*
- *The County may purchase properties adjoining the solid waste disposal operations sites to provide physical and visual buffer zones for surrounding residents and land uses. The purchase(s) may be made as funds and properties are available.*
- *The County and/or the Cities will formalize the long standing practice in the County of permitting only public ownership of solid waste management facilities located in the county which accept any segment of the municipal waste stream.*
- *Direct the flow of all refuse produced in Sonoma County to integrated waste management facilities publicly owned and located within Sonoma County or its incorporated cities. The County, the Cities, and the SCWMA will cooperate and coordinate with one another in order to provide cost effective waste disposal services to all community residents.*
- *Maintain local control over costs and environmental impacts of disposal by siting facilities within Sonoma County.*
- *Use the existing landfill parcel to maximize its useful life and maximize the return on the public infrastructure improvements so far as it is consistent with protection of the environment.*
- *Create and maintain employment opportunities for Sonoma County residents and growth opportunities for Sonoma County businesses, industries and entrepreneurs who make productive use of otherwise wasted materials that otherwise would be landfilled.*
- *Complement existing and planned private sector operations for collection/processing of both refuse and recyclables.*

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- Provide landfill capacity at least through the year 2017 as required by state law by expanding the Central Landfill.

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- Make productive use of ~~waste~~ *discarded resources* that ~~is~~ *are* not reused or recycled through energy production.
- The SCWMA will work to create and promote policies whereby producers are responsible for the cost and/or disposition of their products at the end of their usable life (i.e., Extended Producers Responsibility, Advanced Recycling Fees, Advanced Disposal Fees, etc.).
- Satisfy the AB 939 solid waste planning and diversion mandates in a manner that is consistent with the objectives of the community, as reflected by the deliberations and documents of the AB 939 Local Task Force and Sonoma County Waste Management Agency.

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2.4.8 Implementation Policies to Facilitate Siting of Solid Waste Facilities Management

The following policy statements illustrate the intent and/or actions to be taken by the County and/or the Cities to achieve the goals and objectives of the Siting Element.

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- The County and/or the Cities will provide solid waste disposal management facilities or transfer facilities within reasonable distances of the county's population centers. This policy will provide a means for achieving the goal of conservation of natural resources and energy and minimizing the cost of disposal.

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- The County and/or the Cities will formalize the long-standing practice in the County of permitting only public ownership of solid waste disposal facilities located in the county which accept any segment of the municipal waste stream.

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- The County will maintain at least one of its landfills as a public access, multi-use facility providing solid waste disposal and other waste management activities.
- The County will cooperate with adjacent counties, considering their solid waste management planning and waste disposal needs. This includes possible export/import, as approved by the Board of Supervisors, of solid waste and encourages joint resolution of emergency problems.

CHAPTER 6

SITING ELEMENT

Pursuant to the California Code of Regulations (CCR), Title 14, Division 7, Article 6.5, the Siting Element presents an integrated strategy to ensure the provision of long-term disposal capacity in Sonoma County. The County will ~~demonstrate its ability~~ *describe a strategy* to provide 15 years of combined permitted disposal capacity from the submission date of this document. The goals, objectives, and policies established for the Siting Element will be used in conjunction with siting criteria developed by County staff, the Local Task Force (LTF), and the general public to guide the development of additional disposal capacity, either through the expansion of existing and/or the construction of new solid waste disposal facilities. Procedural mechanisms to assure use of the established siting criteria and documentation from local jurisdictions agreeing to use procedures specified are presented. The final product is a blueprint for the long-term provision of solid waste disposal capacity.

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6.1 GOALS, OBJECTIVES, AND POLICIES

The Sonoma County Waste Management Agency (SCWMA), in cooperation with the County of Sonoma, incorporated Cities and the LTF have developed a number of goals, objectives, and policies designed to encourage a high level of public involvement in solid waste facility siting processes. These goals and objectives will serve as benchmarks to evaluate and monitor the effectiveness of local policies and selected diversion programs over the short- ~~(2003 to 2008)~~ *2007 to 2010* and medium-term ~~(2009 to 2018)~~ *2011 to 2022* planning periods. Under legislation enacted in 1992, non-disposal facilities (transfer stations, recycling facilities, and composting projects) are not subject to the goals, objectives, policies, and siting criteria in the Siting Element. Discussion of these facilities can be found in the Non-Disposal Facility Element (NDFE) (see Chapter 7). Non-disposal facilities are mentioned in the following goals, objectives and policies only as needed for clarification.

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6.1.1 Goals for the Safe Handling and Disposal of Solid Waste

The following goals are general statements regarding the siting and operation of solid waste disposal facilities.

- In order to help ensure the sustainability of our communities and to conserve natural resources and landfill capacity, the Sonoma County Waste Management Agency (SCWMA), County and the Cities will continue to improve their municipal solid waste management system through emphasis on the solid waste management hierarchy of waste prevention (source reduction), reuse, recycling, composting and disposal, *with a goal of zero waste*.
- The solid waste management system in Sonoma County will be planned and operated in a manner to protect public health, safety and the environment. *Furthermore, all landfills that receive Sonoma County waste must be compliant with State and Federal landfill regulations.*
- ~~The County's~~ Solid waste disposal facilities *located in Sonoma County* will be sited and operated in a manner to minimize energy use, conserve natural and financial resources, and protect prime agricultural lands and other environmentally sensitive or culturally sensitive areas.
- The *Cities, the County, and the SCWMA* will develop a strategy for disposal capacity for solid waste not handled by other elements of the management hierarchy for a *at least fifteen-year* horizon.

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- The County owners of disposal facilities may purchase properties adjoining the solid waste disposal operations to provide physical and visual buffer zones for surrounding residents and land uses and provide land for potential environmental mitigations. The purchase(s) may be made as funds and properties are available.

6.1.2 Objectives and Associated Programs for Achievement of Goals

The following objectives are intended to provide measurable events to document the County's progress in meeting the goals established above.

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Short-Term Planning Period (~~2003 to 2008~~ 2007 to 2010) Objectives

37

- The County will use Objective and consistent siting criteria and policies *will be used* for the siting of solid waste disposal facilities.

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- The County Project proposers/owners will document the siting process and provide the public with information on a regular basis to ensure that the public and decision-makers are fully informed. Procedures for making siting decisions will be described in addition to the reasons for selection or elimination of potential sites.

39

- The County will estimate the need for countywide disposal capacity for the municipal solid waste stream after all feasible diversion programs are implemented and initiate efforts to establish *or secure* sufficient landfill capacity *either in County or out of County* to allow for achievement of the County's policy to provide ~~approximately 50~~ *at least fifteen* years of disposal capacity.

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- The County's existing transport and disposal agreements expire in August 2010. In 2009 the County will initiate a process to either extend or bid new transport and disposal contracts which will secure landfill capacity at least until 2022.

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Medium-Term Planning Period (~~2009 to 2018~~ 2011 to 2022) Objectives

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- If the County will *or other entities* implement the siting process and it will provide public information to ensure that the public and decision-makers are fully informed. Procedures for making siting decisions will be described in addition to the reasons for selection or elimination of potential sites.

6.1.3 Policies to Facilitate Siting of Solid Waste Facilities

The following policy statements illustrate the intent and/or actions to be taken by the County and/or the Cities to achieve the goals and objectives of the Siting Element.

42

- The County and/or the Cities will provide solid waste disposal facilities or transfer facilities within reasonable distances of the county's population centers. This policy will provide a means for achieving the goal of conservation of natural resources and energy and minimizing the cost of disposal.
- The County and/or the Cities will formalize the long-standing practice in the County of permitting only public ownership of solid waste disposal facilities located in the county which accept any segment of the municipal waste stream.

43

- The County will maintain at least one of its landfills as a public access, multi-use facility providing solid waste disposal and other waste management activities.

- The County will cooperate with adjacent counties, considering their solid waste management planning and waste disposal needs. This includes possible export/import, as approved by the Board of Supervisors, of solid waste and encourages joint resolution of emergency problems.

6.2 DESCRIPTION OF EXISTING SOLID WASTE DISPOSAL FACILITIES

Landfilling of solid waste at the Central Disposal Site has been suspended. All jurisdictions within the county currently dispose of their solid waste at the Central Disposal Site located approximately 2.8 miles southwest of Cotati (see Figure 4-2). The facility does not landfill hazardous wastes, major appliances, tires or liquids. Additional landfill bans adopted by the County of Sonoma Board of Supervisors include cardboard, scrap metal, yard debris, and wood waste. Figure 6-1 shows the boundaries of the Central Disposal Site and the surrounding land use designations.

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The Santa Rosa Geothermal WMU Disposal Site, a Class III drilling muds disposal site owned and operated by Cal-Pine Operating Plant Services, is currently the only other landfill operating in Sonoma County. This privately-owned landfill does not accept municipal solid waste. Therefore, disposal capacity projections and expansion plans focus solely on the Central Landfill.

6.2.1 Description of the Central Disposal Site

The Central Disposal Site includes the Central Landfill, a Class III landfill. The following description briefly presents information regarding the Central Disposal Site, including disposal capacity, permitted capacity, permit constraints, and site characteristics:

Name:	Central Disposal Site
Address:	500 Mecham Road, Petaluma, CA 94952
Location:	2.8 miles southwest of the City of Cotati, in Sections 4 & 9, T5N, R8W, MDB&M
Assessor Parcel No.:	024-080-19 & 24-080-018
SWIS No.:	49-AA-0001
Permitted Area:	398.5 acres
Waste Types Landfilled:	All non-hazardous wastes consisting of household and commercial wastes, agricultural and demolition wastes, sludge from wastewater treatment plants (as per Title 23, Subchapter 15, Section 2523[c]).
Average Daily Loading:	1,461 tons per day; 2,435 cubic yards per day (in 2002)
Permitted Daily Capacity:	2,500 tons per day; 4,167 cubic yards per day
Site Owner:	County of Sonoma, Department of Transportation and Public Works
Site Operator:	County of Sonoma, Department of Transportation and Public Works, Integrated Waste Division

6.2.2 Description of other disposal sites

The following descriptions briefly present information regarding the other disposal sites used for solid

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waste generated in Sonoma County:

Name: Redwood Sanitary Landfill
Address: P.O. Box 793, Novato, CA 94947
Location: 8590 Redwood Highway, Novato, CA 94958
SWIS No.: 21-AA-0001
Permitted Area: 210 acres
Waste Types Landfilled: Mixed municipal, Sludge (Biosolids), Agricultural, Construction/demolition, Asbestos, Tires, Ash, Wood waste, Other designated
Permitted Daily Capacity: 2,300 tons per day; 3,834 cubic yards per day
Site Owner: U.S.A. Waste of California
Site Operator: Redwood Sanitary Landfill, Inc.

Name: Potrero Hills Landfill
Address: 3675 Potrero Hills Lane, Suisun City, CA 94585
SWIS No.: 48-AA-0075
Permitted Area: 190 acres
Waste Types Landfilled: Agricultural, Ash, Construction/demolition, Industrial, Mixed municipal, Sludge (Biosolids), Tires
Permitted Daily Capacity: 4,330 tons per day; 7,217 cubic yards per day
Site Owner: Republic Services of California, L.L.C.
Site Operator: Potrero Hills Landfill, Inc., P.O. Box 68, Fairfield, CA 94533

Name: Keller Canyon Landfill
Address: 901 Bailey Road, Pittsburg, CA 94565
SWIS No.: 07-AA-0032
Permitted Area: 244 acres
Waste Types Landfilled: Mixed municipal, Construction/demolition, Agricultural, Sludge (BioSolids), Other designated, Industrial.
Permitted Daily Capacity: 3,500 tons per day; 5,834 cubic yards per day

Site Owner: *Allied Waste Industries, Inc., 15880 N. Greenway-Hayden Loop #100, Scottsdale, AZ 83260*

Site Operator: *Keller Canyon Landfill, 901 Bailey Road, Pittsburg, CA 94565*

Name: *Vasco Road Sanitary Landfill*

Address: *4001 North Vasco Road, Livermore, CA 94550*

SWIS No.: *01-AA-0010*

Permitted Area: *222 acres*

Waste Types Landfilled: *Contaminated soil, Industrial, Mixed municipal, Other designated, Green Materials, Construction/demolition.*

Permitted Daily Capacity: *2,518 tons per day; 4,197 cubic yards per day*

Site Owner: *Republic Services of California I, L.L.C., 4001 Vasco Road, Livermore, CA 94550*

Site Operator: *Republic Services of California I, L.L.C., 4001 Vasco Road, Livermore, CA 94550)*

Name: *Hay Road Landfill*

Address: *6426 Hay Road, Vacaville, CA 95687*

SWIS No.: *48-AA-0002*

Permitted Area: *256 acres*

Waste Types Landfilled: *Construction/demolition, Agricultural, Sludge (BioSolids), Tires, Ash, Mixed municipal, Asbestos*

Permitted Daily Capacity: *2,400 tons per day; 4,003 cubic yards per day*

Site Owner: *Norcal Waste Systems, Inc., 6426 Hay Road, Vacaville, CA 95687*

Site Operator: *Norcal Waste Systems, Inc., 6426 Hay Road, Vacaville, CA 95687*

Name: *Yolo County Central Landfill*

Address: County Road 28H & County Road 104, Davis, CA 95616

SWIS No.: 57-AA-0001

Permitted Area: 473 acres

Waste Types Landfilled: Tires, Sludge (BioSolids), Construction/demolition, Mixed municipal, Agricultural.

Permitted Daily Capacity: 1,800 tons per day; 3,002 cubic yards per day

Site Owner: County of Yolo Public Works Department, 292 Beamer St., Woodland, CA 95695

Site Operator: County of Yolo Public Works Department, 292 Beamer St., Woodland, CA 95695

Name: Clover Flat Landfill

Address: 4380 Clover Flat Road, Calistoga, CA 94515

SWIS No.: 28-AA-0002

Permitted Area: 44 acres

Waste Types Landfilled: Contaminated soil, Industrial, Mixed municipal, Other designated, Green Materials, Construction/demolition.

Permitted Daily Capacity: 600 tons per day; 1,001 cubic yards per day

Site Owner: Clover Flat Landfill, Inc., 1285 Whitehall Ln., St. Helena, CA 94574

Site Operator: Clover Flat Landfill, Inc., 1285 Whitehall Ln., St. Helena, CA 94574

6.2.2 Facility Function Within County Solid Waste Management System

The Central Disposal Site is the only municipal solid waste disposal site in the county. Operational improvements completed in 2002 include an expanded recycling, material reuse and recovery center, a

tipping building, and expansion into the east canyon for additional capacity. In 2003, a construction and demolition debris sorting program and permanent household toxics facility also began operation.

Following approval of the 2003 ColWMP, the County will proceed with plans to further expand the Central Landfill. The process for siting a new landfill in the county will begin after that expansion has been approved and permits have been issued. The siting criteria described previously will be further developed with numeric values during a Siting Study, as described in Section 3.0, and used to locate potential new landfill sites.)

As part of the county's integrated waste management system, source reduction, recycling, composting, special waste, and household hazardous waste diversion strategies will extend existing landfill capacity by diverting these materials to secondary materials markets for reuse, secondary processing, remanufacturing, or proper disposal. Waste diversion strategies to be implemented are described in Chapter 4 and listed in Section 4.10.1.

6.3 DISPOSAL CAPACITY REQUIREMENTS

The following sections describe the existing countywide disposal capacity, and the anticipated disposal capacity needs for a minimum 15-year planning period. Table 6-1 details the historic and existing disposal capacity in cubic yards and tons as required by regulations:

Currently, no waste is disposed of within Sonoma County, so all waste must be exported. The Table 1 shows the total waste generated in Sonoma County by jurisdiction, as well as projections until 2022.

Each jurisdiction's proportion of the total county's waste was determined using the 2003 Disposal Report, as 2003 was the most recent year that all of the jurisdictions were channeling the waste through the County system. These proportions were applied to the disposal totals from the 2005 Disposal Report, and projected until 2022. A growth rate of 0.95% per year was assumed; this was taken directly from the Brown, Vance, and Associates (BVA) report (Reassessment of the Long-Term Solid Waste Strategy Management Plan).

Year	Disposal by Jurisdiction (Tons)										County Total	Total (Without Petaluma)
	Cloverdale	Cotati	Healdsburg	Petaluma	Roberts Park	Santa Rosa	Sebastopol	Sonoma	Windsor	Unincorporated		
2005	9,405	9,349	23,874	59,760	35,658	207,716	18,251	16,987	23,264	127,735	532,000	472,240.18
2006	9,494	9,438	24,101	60,328	35,997	209,689	18,424	17,149	23,485	128,949	537,054	476,726.46
2007	9,585	9,527	24,330	60,901	36,339	211,681	18,599	17,312	23,708	130,174	542,156	481,255.36
2008	9,676	9,618	24,561	61,479	36,684	213,692	18,776	17,476	23,934	131,410	547,306	485,827.39
2009	9,768	9,709	24,795	62,063	37,032	215,722	18,955	17,642	24,161	132,659	552,506	490,442.65
2010	9,860	9,801	25,030	62,653	37,384	217,772	19,135	17,810	24,391	133,919	557,755	495,101.85
2011	9,954	9,895	25,268	63,248	37,739	219,841	19,316	17,979	24,622	135,191	563,053	499,805.32
2012	10,049	9,989	25,508	63,849	38,098	221,929	19,500	18,150	24,856	136,476	568,402	504,553.47
2013	10,144	10,083	25,750	64,455	38,460	224,037	19,685	18,322	25,092	137,772	573,802	509,346.73
2014	10,241	10,179	25,995	65,068	38,825	226,166	19,872	18,496	25,331	139,081	579,253	514,185.53
2015	10,338	10,276	26,242	65,686	39,194	228,314	20,061	18,672	25,571	140,402	584,756	519,070.29
2016	10,436	10,374	26,491	66,310	39,566	230,483	20,251	18,849	25,814	141,736	590,311	524,001.46
2017	10,535	10,472	26,743	66,940	39,942	232,673	20,444	19,028	26,059	143,083	595,919	528,979.47
2018	10,635	10,572	26,997	67,576	40,322	234,883	20,638	19,209	26,307	144,442	601,581	534,004.77
2019	10,736	10,672	27,253	68,218	40,705	237,115	20,834	19,392	26,557	145,814	607,296	539,077.82
2020	10,838	10,773	27,512	68,866	41,091	239,367	21,032	19,576	26,809	147,199	613,065	544,199.06
2021	10,941	10,876	27,774	69,520	41,482	241,641	21,232	19,762	27,064	148,598	618,889	549,368.95
2022	11,045	10,979	28,037	70,181	41,876	243,937	21,434	19,949	27,321	150,089	624,769	554,587.95
Total	183,681	182,582	466,261	1,167,100	696,395	4,056,660	356,440	331,759	454,347	2,494,649	10,389,874	9,222,775

Year	Disposal by Jurisdiction (Cubic Yards)										County Total	Total (Without Petaluma)
	Cloverdale	Cotati	Healdsburg	Petaluma	Roberts Park	Santa Rosa	Sebastopol	Sonoma	Windsor	Unincorporated		
2005	15,675	15,581	39,789	99,596	59,428	346,180	30,417	28,311	38,772	212,884	886,631	787,035
2006	15,823	15,729	40,167	100,542	59,992	349,468	30,706	28,580	39,141	214,906	895,054	794,512
2007	15,974	15,878	40,549	101,497	60,562	352,788	30,998	28,852	39,512	216,948	903,557	802,060
2008	16,126	16,029	40,934	102,461	61,137	356,140	31,292	29,126	39,888	219,009	912,141	809,680
2009	16,279	16,181	41,323	103,435	61,718	359,523	31,590	29,402	40,267	221,089	920,806	817,372
2010	16,433	16,335	41,715	104,417	62,305	362,938	31,890	29,682	40,649	223,190	929,554	825,137
2011	16,590	16,490	42,111	105,409	62,896	366,386	32,193	29,964	41,035	225,310	938,385	832,976
2012	16,747	16,647	42,512	106,411	63,494	369,867	32,498	30,248	41,425	227,450	947,299	840,889
2013	16,906	16,805	42,915	107,422	64,097	373,381	32,807	30,536	41,819	229,611	956,299	848,877
2014	17,067	16,965	43,323	108,442	64,706	376,928	33,119	30,826	42,216	231,792	965,384	856,942
2015	17,229	17,126	43,735	109,472	65,321	380,509	33,434	31,119	42,617	233,994	974,555	865,083
2016	17,393	17,289	44,150	110,512	65,941	384,124	33,751	31,414	43,022	236,217	983,813	873,301
2017	17,558	17,453	44,570	111,562	66,568	387,773	34,072	31,713	43,431	238,461	993,159	881,597
2018	17,725	17,619	44,993	112,622	67,200	391,457	34,395	32,014	43,843	240,727	1,002,594	889,972
2019	17,893	17,786	45,420	113,692	67,839	395,175	34,722	32,318	44,260	243,014	1,012,119	898,427
2020	18,063	17,955	45,852	114,772	68,483	398,930	35,052	32,625	44,680	245,322	1,021,734	906,962
2021	18,235	18,126	46,287	115,862	69,134	402,719	35,385	32,935	45,105	247,653	1,031,441	915,578
2022	18,408	18,298	46,727	116,963	69,790	406,545	35,721	33,248	45,533	250,006	1,041,239	924,276
Total	306,122	304,291	777,071	1,945,088	1,160,612	6,760,830	594,042	552,910	757,215	4,157,582	17,315,764	15,370,676

Table 1: Sonoma County Disposal Projections 2005-2022

6.3.1 Existing Countywide Disposal Capacity

Table 6-2 reflects the anticipated impacts on the amount of disposal capacity available in Sonoma County from 2000 to 2018, which includes the 15 years required by Section 18755.3(c)(3) of the CCR. Estimated disposal capacity impacts are shown in both tons and cubic yards. Waste generation, diversion, and disposal rates were derived assuming the programs in the SRRE are implemented.

In 1992, the DTPW authorized an independent engineering study to redefine the configuration of the Central Landfill and provide updated estimates of remaining disposal capacity at the site. This study, entitled "Central Landfill Expansion Capacity Study Phase I, August 1992" (1992 Study), was produced by EDA Waste Technologies (Appendix D). Among other findings, the 1992 Study determined that as of January 1992, remaining Central Landfill capacity was 11.5 million cubic yards.

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Six different scenarios, identifying a potential additional capacity from 2,838,600 to 11,304,600 tons (5,700,000 to 22,700,000 cubic yards), were analyzed in the 1992 Study. The County of Sonoma Board of Supervisors selected the East and West Canyon Expansion scenario with an additional capacity estimated at 3,336,600 tons (6,700,000 cubic yards). The permit for construction of the East Canyon Expansion was approved in 2000 and the expansion area began accepting solid waste in 2002. Disposal capacity provided by this expansion has been included in the projections necessary to provide capacity through the year 2015 (Table 6-2). As of 2003, the remaining capacity of the Central Disposal Site is 6,941,726 tons (11,569,544 cubic yards). The existing disposal capacity is 9,160,293 cubic yards (5,496,176 tons) as of September 25, 2006. The decision to utilize the remaining landfill capacity will be determined in the future.

6.3.2 Anticipated Countywide Disposal Capacity Needs

In order to address solid waste disposal once expanded or new facilities are no longer available, the County of Sonoma and the AB-939 Local Task Force undertook a 12-month planning process that

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Table 6-1: Disposal Capacity for the Central Disposal Site:			
As of	Waste Management Unit	Cubic Yards	Tons
1990	Central Landfill	11,527,736	6,916,642
1996	Central Landfill	6,284,421	3,770,653
2003	Central Landfill with East Canyon	11,569,544*	6,941,726*
*Estimated			
Sources: Central Landfill Expansion Capacity Study Phase I, August 1992			
2002 Financial Assurance Balances for Closure, Postclosure and Corrective Action (Sonoma County DTPW, IWD)			

evaluated the existing solid waste management system to develop a long range solid waste disposal strategy. The Sonoma County Solid Waste Management Alternatives Analysis Project Final Report (December, 2000) ("Analysis") recommended a strategy that would include:

1. Fully utilizing the existing waste management resources/infrastructure in both the public and private sectors. Strategy elements include Central Landfill expansion, a flow control policy, and a mandatory recycling policy.
2. Maximizing waste diversion and resource utilization at a reasonable cost based on generator responsibility which will extend the useful life of an expanded Central Landfill and minimize the size necessary for a new landfill in the County. Strategy elements include mandatory recycling and an integrated resource management facility that could include organic processing and green waste processing (see Chapter 4, Section 4.5).
3. Complementing and enhancing existing and planned operations for collection/processing of refuse and recyclables, recognizing the historically accepted private sector role fulfilled through franchise agreements.

The Sonoma County Board of Supervisors and the Sonoma County Waste Management Agency accepted these recommendations and directed staff to take the necessary actions to implement them. Pursuant to this direction, the programs included in the above recommendations are described throughout Chapter 4 of this CoIWMP.

Implementation of this long-term strategy would provide landfill capacity at least to the year 2050. Table 11 of the Analysis (Appendix B) describes the selected strategy and the various scenarios considered along with the advantages and disadvantages of each.

No specific project for expansion of the Central Disposal Site has been selected by this Siting Element. In order to implement any potential scenario, a final design must be developed and a project level EIR must be completed, along with permit approval from the CIWMB and the RWQCB.

Table 1 displays projected the countywide disposal capacity needs until 2022. Strategies involving disposal outside of Sonoma County are discussed further in Section 6.7.

6.4 CRITERIA FOR ESTABLISHING NEW OR EXPANDING EXISTING SOLID WASTE FACILITIES

The siting criteria included in this section are based on federal, state, and local laws and policies regarding solid waste facilities. Siting criteria were developed according to Title 14, Chapter 9, Article 6.5 for preparing the Siting Element of the County Integrated Waste Management Plan (CoIWMP). The state guidelines outline specific categories of criteria to be used for establishing new, or expanding existing, solid waste facilities for ultimate disposal (landfills and transformation or incineration facilities). Several criteria were based on federal (Environmental Protection Agency) landfill locational restrictions (40 CFR 258), which are generally exclusionary in nature. It should be noted that exclusionary criteria do not necessarily exclude an entire site from consideration, but may only pertain to portions of a site.

6.4.1 Siting Criteria Development

The 1985 CoSWMP stated that public acceptance is the primary practical consideration in siting solid waste disposal facilities. The County actively sought to involve the public in the development of the

siting criteria. An initial list of siting criteria was developed and presented to the public in a series of ten public workshops, five held in November, 1992 and five in February, 1993. The Sonoma County Permit Resource Management Department (PRMD) then reviewed and commented on the draft siting criteria. Based on PRMD comments and input from the LTF, the process for developing the siting criteria was revised to provide for a greater opportunity for public input into the development of the criteria. *Should a public or private entity seek to create a new or expand an existing landfill*, the expanded process will involve subjecting the criteria to more extensive public review during identification of specific landfill locations, an effort that was not undertaken during development of the Siting Element. ~~The expanded effort, part of a Siting Study that is anticipated to begin after all necessary permits for expansion of the Central Landfill are issued, will also include more extensive development of the numeric system for comparing sites.~~

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The siting criteria in this Siting Element reflect the community's interests, based on the public workshops conducted, as well as regulatory and technical considerations. The siting criteria listed provide a sound foundation for moving forward with a public process through the Siting Study and associated California Environmental Quality Act (CEQA) activities to locate new landfill site capacity.

6.4.2 Siting Criteria and Their Application

Siting criteria can be categorically defined as either exclusionary or comparative. Exclusionary criteria are generally regulatory land use restrictions created at the federal, state, or local level. Exclusionary criteria are designed to detect and eliminate clearly inappropriate sites from further consideration before undertaking the more costly and time consuming process of applying comparative criteria.

The exclusionary criteria define parameters that need to be satisfied for a piece of land to be considered for a landfill site. For example, a parcel that is located entirely in a flood plain would be excluded from further consideration as a candidate landfill site. The exclusionary criteria do not restrict development of a parcel as a landfill if only a portion of the parcel is excluded. If the land located in a flood plain included other property that would be suitable for a landfill, the portion in the flood plain could be used as landfill buffer. As a result, a property could have a portion that is excluded and not used for landfill and the remainder potentially suitable as a landfill site.

The exclusionary criteria will be applied to the entire county to identify those broad areas of the county that are not suitable for siting a new landfill prior to beginning the CEQA process. ~~After completion of the 2003 CoIWMF and Siting Element, and the volume of additional capacity is established at the Central Landfill~~ *Should any public or private entity decide to resume in-County waste disposal, the County that entity* will conduct a Siting Study to accomplish the following:

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- Review the means that are available for achieving the County's goal of providing ~~50~~ *at least fifteen* years of disposal capacity.
- Provide for extensive public participation in the landfill siting process.
- Refine the comparative criteria to reflect the public's considerations.

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- Adopt the final comparative siting criteria by the Board of Supervisors at a public hearing before the criteria are used to identify potential sites.
- Seek nominations from property owners for land to be considered as a potential site.
- Apply the comparative criteria to each of the sites nominated or identified *in this* review by the County. Rank the sites to identify the best ones to be evaluated in a process to comply with CEQA.

The development of comparative criteria is the primary mechanism available to local constituents to influence site selection prior to the public hearing process. It is essential that local citizens be included in the process of defining local comparative criteria to minimize protracted conflict over various sites as different projects arise. The comparative criteria in this Siting Element were developed through such a public process – input received from the public at workshops, input from the LTF, and review at the public hearings conducted to adopt the 1996 CoIWMP. Comparative criteria will be further structured with numeric values and modified, as needed, in the Siting Study prior to the evaluation of any proposed landfill site.

The comparative criteria, further refined into environmental, community, economic, engineering, and administrative categories, are described in more detail in the following discussion. *Should the County ever decide to pursue a new landfill site, The accompanying framework for identification of additional landfill capacity (Figure 6-2) graphically depicts the process envisioned for siting landfill capacity in Sonoma County.*

6.4.2.1 Exclusionary Criteria

The first set of criteria are the exclusionary criteria. These criteria identify constraints that make the siting of a landfill so difficult that further analysis or evaluation would be unproductive. The criteria are useful in the initial screening to identify general areas of the county which may have potentially suitable sites. The following list contains the exclusionary criteria selected by Sonoma County or required by local, state, and federal laws and regulations. Figure 6-3 is a map showing the areas of the county remaining after application of the exclusionary criteria which are reflected as the shaded portions of the county.

- Lands within 10,000 feet of a runway used by jet aircraft, or 5,000 feet of a runway used by propeller-driven aircraft
- Lands within a FEMA designated 100-year flood plain
- Lands restricted by State and Federal regulatory requirements over earthquake fault zones.
- Lands within channels of USGS designated perennial streams

- ~~Lands outside of Sonoma County~~
- Lands within the urban boundary of an incorporated city
- Lands within designated Community Separators
- Lands within designated Critical Habitat
- Lands within the Coastal Zone
- Lands designated with the following land use in the County General Plan
 - Urban Residential
 - Rural Residential
 - General or Limited Commercial
 - Recreation and Visitor Serving Commercial
 - General and Limited Industrial
 - Public/Quasi-Public (unless the designation is applied to accommodate a landfill)

6.4.2.2 Comparative Criteria

The comparative criteria would be used to evaluate sites which are not located in exclusionary areas and that are suitable based on their physical attributes. These criteria would be used to evaluate across a wide spectrum of environmental, engineering, socio-political, and economic factors. These Comparative Criteria, with the Exclusionary Criteria, form the basis of the Siting Study. During the Siting Study these Comparative Criteria will be modified, new criteria added, and a ranking and weighting system developed.

Environmental

1. Groundwater Flow System: Objective RC-3.1 of the County General Plan states that *In accordance with the County General Plan*, watersheds and groundwater basins should be preserved by avoiding the placement of potential pollution sources in areas with high percolation rates. Therefore, sites located outside of recharge areas are the most desirable for landfill construction and operation.

2. Proximity to Surface Water: The proximity of a site to surface water and existing or beneficial uses of the surface water is of obvious importance. A candidate site which is far from a surface water body would be a highly rated site. A poorly rated site would be one that is near a surface water body.
3. Depth to Groundwater: The water table depth in the underlying sediments is important for both landfill operational considerations (such as placement of groundwater monitoring wells) and also from a standpoint of potential groundwater contamination.
4. Existence of Wetlands: Federal regulations for siting landfills (40 CFR 258) prohibit the location of landfills in wetlands unless the construction and operation of the landfill will not cause or contribute to violations of state water quality standards, violate toxic effluent standards under the Clean Water Act, violate the Marine Protection Act, jeopardize endangered species, or cause degradation of wetlands. Data sources to be evaluated will include those from the California Department of Fish and Game, California Native Plant Society, and the Corps of Engineers.
5. Air Quality - Non-Attainment for Particulates: This criterion will measure whether an area is in attainment for PM_{10} and ozone. A site in a non-attainment area would be less desirable than one in an attainment or unclassified area. Wind direction and distance to nearby sensitive receptors will also be considered in evaluating this criterion.
6. Presence of Cultural, Historic, or Archaeological Resources: Goal OS-9 of the County General Plan is to "preserve significant archaeological or historical sites which represent the ethnic, cultural and economic groups that have lived and worked in Sonoma County" and to "preserve unique or historically significant heritage or landmark trees." These resources include sites on the National and State Historic Register, areas identified as being of archaeological importance to Native Americans, and those sites/buildings/trees that have been identified as significant by the County Landmarks Commission.
 Proximity to Threatened or Endangered Species - Animals: In accordance with federal regulations the operation of a landfill at a site which would cause or contribute to the taking of any endangered species of plant, fish, or wildlife could constitute a fatal flaw. Similarly, the facility or operation cannot result in the destruction of critical habitat of endangered or threatened species. Data sources to be evaluated will include the State Department of Fish and Game, Federal Fish and Wildlife Service, and General Plan Open Space Element, Critical Habitat designations.
7. Proximity to Threatened and Endangered Species - Plants: This criterion is similar to the criterion above, except that it covers threatened or endangered plant species. Data sources to be evaluated will include the State Department of Fish and

Game, California Native Plant Society, and General Plan Open Space Element, Critical Habitat designations.

Community

1. Population Density Near Site: This criterion is used as one measure of the proposed landfill's potential impact on people.
2. Compatibility with Adjacent Land Uses: Existing and proposed land uses are considered. Also considered is the site's potential for impact mitigation.
3. Residents Along Access Routes/Road Safety: This criterion reflects the number of residents being affected by haul traffic to a potential site.
4. Schools and Hospitals Along Access Routes: This criterion measures the impact of solid waste truck haul traffic, including noise, traffic congestion, and safety considerations, on sensitive receptors such as schools and hospitals.
5. Proximity to Parks or Resource Lands: Landfills would generally be excluded from locations within a Federal Recreation Area, State Park, Department of Natural Resources – Natural Resources Conservation Area, County Park, etc. Sites valued for their pristine environment or held in reserve for use at a future time and are incompatible with a landfill.
6. Presence of Cultural, Historic, or Archaeological Resources: *This criterion excludes locations which would interfere with the County General Plan's goal of preserving sites with significant archaeological, historical, or cultural resources. These resources include sites on the National and State Historic Register, areas identified as being of archaeological importance to Native Americans, and those sites/buildings/trees that have been identified as significant by the County Landmarks Commission.*
7. Visual Impacts of Site: The magnitude of the landfill visual impacts relates to the location and topography of the site and to the availability of buffers to screen the operations. Aesthetics impacts are also important to consider.
8. Proximity to Major Transportation Corridors: This criterion considers the effects of landfill traffic on local roads, as well as the costs of hauling waste to a landfill. Those sites that are close to major transportation corridors will be less likely to impact local roads and residents (traffic congestion, noise, safety concerns, etc.) than sites located farther from major roads. Those sites closer to major transportation corridors would require less fuel to reach; this would help meet the county's goal

of conserving energy.

Engineering

1. Soil Suitability: A more highly rated site would have both fine- and coarse-grained soils which could provide bottom soil liner, final soil cover and intermittent soil cover during operation. The use of on-site soils can reduce the cost of landfill construction and the impacts of importing off-site materials.
2. Geology: This criterion is a measure of the permeability/transmissivity of materials underlying a proposed site. The geologic materials that have been identified in Sonoma County can be generally divided up into two groups: (1) unconsolidated deposits and (2) semi-consolidated to consolidated rocks. The permeability and transmissivity of materials within these general groups can be an indication of site security in terms of leachate and gas containment and as an indication of barriers to groundwater movement.
3. Fault Areas: Proximity to active fault areas is an important criteria in terms of maintaining the integrity of the landfill control structures (such as leachate and gas collection) and the engineering measures that would be needed to prevent damage from seismic movements. State and Federal regulatory requirements for earthquake fault zones will be followed to evaluate potential landfill sites.
4. Unstable Areas: Locating landfills on sites that have unstable geological conditions is generally undesirable. Unstable areas are defined as those locations that are susceptible to natural or human-induced events or forces capable of impairing the integrity of some or all of those landfill structural components that are responsible for preventing releases to the environment (such as leachate or gas control structures). Criteria categories are:
 - Category A – Areas of greatest relative stability due to low slope inclination – dominantly less than 15%.
 - Category B – Areas of relatively stable rock and soil units on slopes greater than 15% containing few landslides
 - Category Bf – Locally level areas within hilly terrain - may be underlain or bounded by unstable or potentially unstable rock materials
 - Category C – Areas of relatively unstable rock and soil units on slopes greater than 15% containing abundant

landslides

- Landslide Area – Areas of lowest relative slope stability; failure and downslope movement of rock and soil has occurred or may occur

5. Flood Hazard, 100-year Flood Plains: Federal regulations (40 CFR 258) prohibit the placement of a landfill within a 100-year flood plain. The hazard from floods is due primarily to potential erosion, washout of waste from the site and restrictions on reducing the water storage capacity of a watershed basin.
6. Seismic Impact Zones: Federal regulations for siting landfills (40 CFR 258) prohibit development of a landfill in seismic impact zones unless it can be proven that all containment structures (leachate collection system, surface water collection system, etc.) have been designed to resist the maximum horizontal acceleration of the earth beneath the site.
7. Annual Precipitation: This criterion measures how much water will need to be contained on the landfill site, both on the surface of the landfill property as runoff and within the landfill as leachate.
8. Erosion Potential: Soil characteristics, slope, and surrounding topography may create conditions that are particularly susceptible to erosion (from rainfall). Erosion results in stormwater runoff having high levels of sediment with the potential for impacting water quality in surface waters. Extensive and costly engineering controls may be required to prevent stormwater runoff, and siltation and sedimentation impacts to nearby surface water.

Administrative

1. Site Capacity/Site Life: Sonoma County has established a policy to provide landfill capacity. A potential site should have at least fifteen years of capacity. Sites with more capacity are ranked higher.
2. Agricultural Land: The General Plan recognizes the importance of agricultural land in the county stating that lands containing agricultural and productive woodland soils should be preserved, and conversion of this land to incompatible residential, commercial, or industrial uses be avoided.
3. Proximity to Existing Uses of Groundwater: Landfill operations have the potential for contamination of groundwater. Therefore, it is important to protect beneficial uses as much as possible by choosing sites located further from these

areas.

4. Airport Safety: Federal Aviation Administration Order 5200.5 prohibits the development of landfills within 5,000 feet from a runway used by propeller-driven aircraft and 10,000 from a runway used by jet aircraft.
5. Site Parcel Assemblage: This category compares the various sites as to the ease (availability of information, communications, ease of acquisitions and mitigation) with which the required parcels for the landfill site could be assembled.
6. Ownership/Acquisition Potential: This category compares sites based upon the potential ease with which a selected property might be acquired.

Economic

1. Total Operating Costs: A number of elements would be combined for the total operation costs, including: (1) landfill operation costs (cost of daily and intermediate cover, and operation and maintenance of all landfill access roads and environmental monitoring systems), + (2) leachate treatment and control, (3) gas control, and (4) post-closure costs (maintaining the final cover, surface water management systems, gas control facilities, environmental monitoring facilities and the leachate treatment facilities). For all of these elements, planning level costs for labor, equipment and materials should be estimated and daily operational costs should be considered for a 50-year site life period *the projected life of the selected landfill site.*
2. Site Development Costs: These are the capital expenditures at the site including the cost of building the landfill, equipment to begin operations, and other costs of opening a landfill.
3. Transportation Costs: Based upon engineering and economic analysis, the cost of solid waste transport to each site would be estimated. The estimate for each site would include operation and maintenance costs incurred by the County, municipal haulers, and private/commercial haulers for transport and transfer of solid waste.
4. Parcel Costs: Using the assessed valuations maintained by the county and review of other county records, the purchase price for each potential site will be estimated *as appropriate.*

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6.4.3 Procedural Mechanisms To Assure Use Of Criteria In Siting Solid Waste Disposal Facilities

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The preliminary Siting Criteria were adopted by the County and incorporated Cities when they approved the 1996 CoIWMP. In adopting the Siting Criteria in the 2003 *this* CoIWMP, the County and Cities confirmed the procedural mechanisms described here that will be used *by the public or private entity* for siting a new landfill. These procedural mechanisms include a Siting Study, which will refine the siting criteria and provide weighting and ranking factors for the comparative siting criteria with input from the LTF and public. ~~These siting criteria will be adopted by the Board of Supervisors at a public hearing before initiation of the search for a new landfill site. The Siting Criteria will be applied as shown in Figure 6-1 and discussed in this section to identify the sites equally suitable from the technical perspective as a prelude to the full CEQA analysis. Once into the CEQA process, the Siting Criteria may also have a role in identification and evaluation of alternatives to the proposed project.~~

6.4.4 Local Jurisdiction Compliance Agreements

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Appendix F of the CoIWMP contains the local resolutions approved by all jurisdictions in the county specifying their commitment to apply all siting criteria and procedures established in the Siting Element.

6.5 PROPOSED SOLID WASTE FACILITIES

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With further expansion, disposal capacity at the existing Central Landfill is available to last at least through the end of the medium-term planning period, 2018, assuming full implementation of all selected diversion programs. Therefore, Sonoma County's immediate disposal capacity strategy to achieve the goals and objectives is the expansion of the Central Landfill and subsequently identifying another disposal site as recommended by the Analysis.

The County has established a goal of identifying and developing 50 years of landfill capacity. Following the completion of the 2003 CoIWMP, and once additional capacity at the Central Landfill is permitted, the County plans to begin a Siting Study to identify possible new disposal sites. The public's input into the Siting Study is expected to be instrumental in applying the siting criteria, evaluating the options for providing 50-years' capacity, evaluating economic considerations of each option, and identifying key issues that need to be resolved. Several public workshops will be conducted to facilitate receiving input from the public prior to the hearings. The goal of the Siting Study would be to produce a list of sites from which the Board of Supervisors may choose one or more landfill sites. Prior to approval of any new or expanded disposal site, the County will conduct all analyses necessary under CEQA to evaluate the potential significant environmental impacts of the County's options, including consideration of alternative sites. *There are no pending applications for a solid waste facility at this time.*

6.6 CONSISTENCY WITH COUNTY GENERAL PLAN

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Expansion of the Central Landfill to provide disposal capacity through the year 2018 is consistent with Section LU-4d of the Land Use Element and Section 3.4 of the Public Facilities Element of the current County General Plan. *There are no current proposals for new or expanded landfills in Sonoma County at this time.*

6.6.1 Sites Reserved For Solid Waste Disposal or Transformation Facilities

The Central Disposal Site is currently the only site with a landfill reserved for solid waste disposal in Sonoma County.

6.6.2 Sites Tentatively Reserved For Solid Waste Disposal or Transformation Facilities

There are no sites tentatively reserved for solid waste disposal or transformation facilities in Sonoma County.

6.7 STRATEGIES FOR DISPOSING OF SOLID WASTE IN EXCESS OF CAPACITY WHEN NEW OR EXPANDED SITES ARE NOT AVAILABLE

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Sonoma County will have sufficient disposal capacity to last in excess of 15 years at the expanded Central Disposal Site. Therefore, this section will be addressed in future five-year reviews when it is clear that the Central Disposal Site has reached full capacity, and there are no new sites available for establishing new disposal or transformation capacity. Due to significant uncertainties, Sonoma County is not considering in-county disposal at this time, although potential sites for disposal exist within Sonoma County. Permit uncertainties, higher costs, lack of city support, and other risks associated with expansion of the Central Landfill have caused in-county disposal to be rejected as the County's on-going disposal strategy.

6.7.1 Short Term Disposal Strategy

Out-of-county disposal contracts are currently in place to ensure sufficient disposal capacity until 2010. The daily tonnage commitment with contracted landfills are detailed in the table below.

Day Type	Days per Year	TPD	Contract Capacity
Weekdays	261	1,750	456,250
Saturdays	52	750	39,107
Sundays	52	300	15,643
		Total	511,000

6.7.2 Medium Term Disposal Strategy

As there are no current plans to establish a new or expand an existing disposal facility in Sonoma County, the County's medium term (2010 - 2022) disposal strategy will consider the following two options:

- Out-of-county disposal with waste transport by truck
- Out-of-county disposal with waste transport by rail

While both options will secure, at minimum, 15 years of disposal capacity through contract(s) which specify maximum allowed daily tonnages, the two options differ in capital investment and level of commitment required by participating jurisdictions. It is therefore necessary that the County work with the Cities to determine which are interested in each option. The selection of truck or rail haul will depend in part on the result of any such agreements between the County and the Cities.

6.7.3 Waste Transport by Truck

In response to the lack of permitted landfill capacity, the County contracted for out-of-County haul and disposal through three separate companies for a five-year period beginning September 1, 2005.

The County is in a favorable position to haul to out-of-County landfills by truck. The County currently has five transfer stations that allow for transfer of solid waste to trucks to transport the waste to out-of-County disposal sites. Another positive factor is that the County owns the sites and is already permitted to operate these transfer facilities, so no additional site acquisition, regulatory, or permitting activities are anticipated. Although flow control is important for rail haul disposal commitments, it is less critical for the strategy involving truck haul and disposal. Little new capital investment is required for truck haul and the operating costs are more easily reduced should tonnage leave the disposal system.

The potential downside to out-of-County haul and disposal is the risk of losing disposal capacity sometime in the future. Although the County may contract for certain capacity, there is no assurance that this capacity will always be available. Furthermore, landfill options are more limited than with rail haul, as the cost effectiveness of truck hauling declines rapidly as distance from Sonoma County increases.

Contracts between the County, haulers, and landfill owners would secure the County's ability to guarantee disposal capacity and the means with which to transport waste generated within Sonoma County. The BVA analysis indicates that there is adequate landfill capacity in the Bay Area for the next 15 years (source: Assessment of Long-Term Solid Waste Management Alternatives, BVA).

6.7.4 Waste Transport by Rail

The infrastructure requirements for development of hauling waste by rail (WBR) to out-of County disposal sites generally include the following five components:

- *Transfer Station to collect, recover divertible materials, and load residual waste into intermodal containers or consolidate for loading gondola cars*
- *Local Rail Yard to load intermodal containers or gondola cars on spur track*
- *Rail Haul for transporting containers or gondola cars over rail lines to the remote rail yard*
- *Remote Rail Yard to off-load the containers or material in gondola cars to the landfill or transfer vehicles for haul to the landfill*
- *Landfill for disposal of residual solid waste*

While WBR increases accessibility to a larger number of disposal sites than truck hauling, there is significant capital investment required. This necessitates an agreement between a significant number of Cities and the County to share the capital costs, and a long term commitment to WBR in the form of 20 to 25 year contracts with the North Coast Rail Authority (NCRA) and the destination landfill(s). Potential capital investments include the retrofit of existing transfer stations to accommodate the intermodal operating system, the purchase of sufficient intermodal containers to satisfy the disposal needs of Sonoma County, and the development of at least one or more loading stations along the rail line..

In an effort to promote waste diversion and zero waste, special care must be made with regard to tonnage commitments with the destination landfill(s). Agreements will be created with flexibility such that the County's landfill capacity commitments decrease in proportion to the success of our source reduction and recycling programs. Agreements which provide an economic disincentive for waste reduction will be avoided.

6.8 SITING ELEMENT IMPLEMENTATION

6.8.1 Responsible Agencies

Since all solid waste facilities in Sonoma County are *currently* owned by the County of Sonoma, the Board of Supervisors is the responsible agency for implementing the Siting Element. DTPW will implement the Board's policies by working with the SCWMA, PRMD, LEA, and the LTF.

In the event that a private entity should seek to establish a new or expand an existing landfill, that entity would be required to implement the Siting Element as defined in this CoIWMMP. This entity would implement the Board's policies by working with the SCWMA, PRMD, LEA, and LTF.

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6.8.2 Implementation Tasks

Sonoma County has established a policy to provide landfill capacity for county residents through the year 2050. Should a public entity decide to expand an existing or create a new landfill within Sonoma County, the following task list summarizes the process for achieving the goal of *maximizing 50-years' maximizing disposal capacity.*

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Task 1. Siting Study/Options Evaluations

- a. Siting Study will include the Board of Supervisors adopting the refined Siting Criteria and an environmental and economic consideration of various long-term disposal options.
- b. Screen county for candidate sites and request public nomination of sites.
- c. Apply first round siting criteria to candidate sites, develop ranking, and review criteria application.
- d. Complete first round ranking of sites. It is expected that 8 to 13 sites may be identified at this step.
- e. Second round of screening of sites with field confirmation of significant siting criteria.
- f. Rank sites and recommend 3 to 5 sites as final candidates in report to Board of Supervisors. Board accepts report and gives direction to staff to proceed with preliminary design and CEQA.

Task 2. Preliminary Design

- a. Issue RFP, hold interviews and execute contract for investigation of the final candidate sites. Work will include geotechnical and hydrogeotechnical research and biological reconnaissance of the sites.

- b. Prepare preliminary design including geotechnical and hydrogeotechnical investigation and biological reconnaissance.
- c. Review of preliminary design report and recommendation for selected site.
- d. Prepare final preliminary design report and recommendation for selected site.

Task 3. CEQA

- a. Issue RFP, hold interviews and execute contract for preparation of project level EIR for candidate site(s) and selected alternatives.
- b. Prepare Initial Study, present to the Environmental Review Committee, issue Notice of Preparation (NOP), meet with regulatory agencies, and hold public meetings for input for the EIR.
- c. Prepare Draft EIR (DEIR).
- d. Issue and circulate Notice of Completion (NOC) to open public review period.
- e. Planning Commission holds hearings on DEIR and Final EIR (FEIR).
- f. Board of Supervisors certifies FEIR and adopts the project selecting the best site.

Task 4. Final Design

- a. Prepare final design plans and specifications for first phase improvements.
- b. Bid first phase improvements and award contract.
- c. Complete first phase improvements.

Task 5. General Plan Amendment

To run concurrent with design and construction. Process general plan amendment to have scheduled site zoned Public/Quasi-Public or other appropriate zoning. Includes hearing before the Planning Commission and Board of Supervisors.

Task 6. Permits

To run concurrent with design and construction. Permitting agencies include the California Integrated Waste Management Board (CIWMB), Regional Water Quality Control Board, Air Quality Management District, and Sonoma County PRMD. Documents submitted to the CIWMB will include a Joint Technical Document, including a Report of Disposal Site Information, Preliminary Closure Plan, and Preliminary Post Closure Maintenance Plan.

6.8.4 Revenue Sources

Funding for the implementation of the Sonoma County Siting Element and all facility siting programs and procedures will be funded through the County's Solid Waste Enterprise Fund. All revenues for this fund are derived from tipping fees levied at County-owned solid waste facilities required for any proposal concerning solid waste facility siting.

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Key to 2003 ColWMP Revision Changes

Item	Page	Revision	Description	Origin
1	Global	2003-2008 2007-2010, 2009-2018 2011-2022	Updated years. Short term is the time until the existing landfill contracts expire, medium term encompasses the 15 year disposal horizon.	Update
2	2-1	fifty fifteen	The CIWMB requires that disposal capacity be planned for at least 15 years. With the future of solid waste disposal in Sonoma County uncertain, it was advised that only the minimum planning requirement be met.	LTF
3	2-1	...with the goal of recognizing...	Language change to help shift public perception of solid waste from trash to resource.	LTF
4	Global	wastes materials	Language change to help shift public perception of solid waste from trash to resource.	LTF
5	2-2	The County's solid waste...	Removed "County" to allow private landfill ownership, and removed "disposal" to cover all solid waste facilities.	County
6	2-2	The County, the Cities, and the SCWMA plan to achieve a 70% diversion...	70% diversion by 2015 was the existing target from the 2003 ColWMP, zero waste language added by LTF as this is the best way to deal with waste in the long term.	LTF
7	2-2	The County, and the Cities, and the SCWMA will achieve a 50-percent diversion...	Added the SCWMA, removed 50% diversion, as that goal has been met and exceeded.	Update
8	2-2	The County, the Cities, and the SCWMA will, to the maximum extent possible...	Added this zero waste objective to support Goal G.	LTF
9	2-2	The SCWMA, County and the Cities achieve-participation will continue to encourage...	Stylistic change to reflect that there is already participation in HHW programs.	Update
10	2-2	The SCWMA will achieve measurable reduction of landfill disposal...	Stylistic changes to reflect out of county disposal, and transfer facilities instead of landfills.	Update
11	2-2	The County will develop disposal capacity for solid-waste not handled...	Removed text referring to a 50 year disposal horizon. This objective is dealt with in the Siting Element.	County
12	2-2	The County will use Objective and consistent siting...	Removed County to make the objective and consistent siting criteria applicable to all prospective landfills in Sonoma County.	County
13	2-2	The County Project proposers/owners	Removed "County" to allow private ownership while keeping equivalent requirements.	County
14	2-3	...establish or secure sufficient landfill capacity either in-county or out-of-county ...	Change allows flexibility in assuring disposal capacity, reduced to 15 year planning horizon from 50 years.	County
15	2-3	The County's existing transport and disposal agreements expire in August 2010...	New language describing the current waste situation and plans for future capacity.	County
16	2-3	The If the County will or other entities implement the siting process...	Allows private ownership/operation of landfills in Sonoma County.	County
17	2-4	The SCWMA, County and the Cities will support and encourage school recycling...	This outreach is currently performed by the haulers.	Update
18	2-4	The SCWMA will support and encourage source reduction, recycling and composting...	Added language to reflect the SCWMA's responsibilities regarding AB2176 (Large Events/Venues diversion).	LTF
19	2-4	The SCWMA will prepare an annual monitoring and evaluation	Eliminated "each jurisdictions" to broaden monitoring and evaluation requirements to include all programs.	LTF
20	2-5	2.4.6 Zero Waste Implementation Policies	Added support for EPR, consistent with SCWMA Resolution 2001-021. Language regarding the funding of zero waste programs so that identified programs could be implemented at a future date. The educational component was added so future outreach could encompass zero waste goals.	LTF

Key to 2003 ColWMP Revision Changes

Item	Page	Revision	Description	Origin
21	2-5	The County may purchase properties adjoining the solid waste disposal operations sites...	Stylistic change.	Update
22	2-5	The County and/or the Cities will formalize the long-standing practice...	Removed to allow private ownership of landfills.	County
23	2-5	Direct the flow of all refuse produced in Sonoma County to integrated...	Removed to allow outhaul and for disposal in privately owned landfills.	County
24	2-5	Maintain local control over costs and environmental impacts...	Removed to allow outhaul.	County
25	2-5	Use the existing landfill parcel to maximize its useful life-	Removed to allow flexibility with regard to the Central Disposal Site.	County
26	2-6	Provide landfill capacity at least-	Sonoma County Board of Supervisors determined that expansion of Central may not be a viable option.	County
27	2-6	2.4.8 Implementation Policies to Facilitate Siting of Solid Waste Facilities Management	Removed "disposal" and "Facilities" to broaden the applicability of the policies.	LTF
28	2-6	The County and/or the Cities will provide solid waste disposal...	Stylistic change.	Update
29	2-6	The County and/or the Cities will formalize the long-standing practice...	Removed to allow private ownership/operation of landfills in Sonoma County.	County
30	2-6	The County will maintain at least one of its landfills as a public access...	Removed, as there are no plans for additional County-owned landfills.	County
31	6-1	The County will demonstrate its ability describe a strategy ...	Wording changed to allow flexibility, as the type of outhaul may change in 2010.	County
32	6-1	In order to help ensure the sustainability...	Zero waste added as goal by LTF.	LTF
33	6-1	The solid waste management system in Sonoma County will be planned...	This was added to prevent Sonoma County waste from being disposed in landfills that do not meet federal and state standards.	LTF
34	6-1	The County's Solid waste disposal facilities located in Sonoma County ...	Removed to allow private ownership/operation of landfills in Sonoma County.	County
35	6-1	The Cities, the County, and the SCWMA will develop a strategy for disposal...	Wording changed to allow flexibility, as the disposal system may change in the future.	County
36	6-2	The County owners of disposal facilities may purchase...	Allows private ownership/operation of landfills in Sonoma County.	County
37	6-2	The County will use Objective and consistent siting...	Removed County to make the objective and consistent siting criteria applicable to all prospective landfills in Sonoma County.	County
38	6-2	The County Project proposers/owners will document the siting process...	Requires all landfill owners, public or private, to site landfills within Sonoma County according to these guidelines.	County
39	6-2	The County will estimate the need for countywide disposal capacity...	Changed to allow flexibility in assuring disposal capacity, reduced to 15 year planning horizon from 50 years.	County
40	6-2	The County's existing transport and disposal agreements expire in August 2010...	New language describing the current waste situation and plans for future capacity.	County
41	6-2	If the County will or other entities implement...	Allows private ownership/operation of landfills in Sonoma County.	County

Key to 2003 ColWMP Revision Changes

Item	Page	Revision	Description	Origin
42	6-2	The County and/or the Cities will formalize the long-standing practice...	Removed to allow private ownership/operation of landfills in Sonoma County.	County
43	6-2	The County will maintain at least one of its landfills as a public access...	Removed, as there are no plans for additional County-owned landfills.	County
44	6-3	<i>Landfilling of solid waste at the Central Disposal Site has been suspended.</i>	Updated to reflect current conditions.	County
45	6-3 - 6-6	6.2.2 Description of other disposal sites	Added information from CIWMB's SWIS about landfills which accept Sonoma County waste.	County
46	6-6	6.2.2 Facility Function Within County Solid Waste Management System	Removed section, as information is no long applicable.	County
47	6-7	6.3 DISPOSAL CAPACITY REQUIREMENTS	Changed text to reflect new projections of capacity requirements.	County
48	6-9	6.3.1 Existing Countywide Disposal Capacity	Removed text regarding landfill expansion and updated the current CIWMB permitted landfill capacity at Central.	County
49	6-9	6.3.2 Anticipated Countywide Disposal Capacity Needs	Changed text to reflect new projections of capacity requirements.	County
50	6-11	<i>Should a public or private entity seek to create a new or expand an existing landfill...</i>	Text changed to make Siting Element applicable regardless of public or private site ownership.	County
51	6-11	After completion of the 2003 ColWMP and Siting Element...	Text changed to require a Siting Study be performed regardless of public or private site ownership.	County
52	6-11	Review the means that are available for achieving the County's goal of providing 50-	The CIWMB requires that disposal capacity be planned for at least 15 years. With the future of solid waste disposal in Sonoma County uncertain, it was advised that only the minimum planning requirement be met.	LTF
53	6-12	<i>Should the County ever decide to pursue a new landfill site...</i>	This describes the process that would be used by Sonoma County if it ever pursues a new landfill site.	County
54	6-13	Lands outside of Sonoma County	Removed this exclusionary criterion.	Update
55	6-13	Objective RC 3.1 of the County General Plan states that	Reference made generic to prevent inaccurate reference to the General Plan.	Update
56	6-14	Presence of Cultural, Historic	Moved from Environmental section to Community section.	Update
57	6-17	Site Capacity/Site Life	Removed text regarding the County's landfill capacity policy, and added text stating sites should have at least 15 years capacity.	County
58	6-18	Total Operating Costs	Removed 50 year landfill life, changed to "projected life".	County
59	6-18	Parcel Costs	"As appropriate" added for flexibility for private developers/owners.	County
60	6-19	These siting criteria will be adopted by the Board of Supervisors at a public hearing	Text referring to the process of a public landfill ownership was removed.	County
61	6-19	6.4.4 Local Jurisdiction Compliance Agreements	Text referring to the process of a public landfill ownership was removed.	County
62	6-19	6.5 PROPOSED SOLID WASTE FACILITIES	Text referring to the process of a public landfill ownership or landfill expansion was removed to reflect Board of Supervisors direction.	County
63	6-19	6.6 CONSISTENCY WITH COUNTY GENERAL PLAN	Text referring to landfill expansion was removed.	County

Key to 2003 ColWMP Revision Changes

Item	Page	Revision	Description	Origin
64	6-20 - 6-21	6.7 STRATEGIES FOR DISPOSING OF SOLID WASTE IN EXCESS...	Removed text referring to expansion of the Central Disposal Site, added language about the current outhaul contracts and information presented in the "Assessment of Long-Term Solid Waste Management Alternatives" (BVA report) with regard to truck and rail haul.	County
65	6-22	<i>In the event that a private entity should seek to establish...</i>	Clearly states that the private sector would be subject to this Siting Element should they wish to develop a landfill within Sonoma County.	County
66	6-22	Sonoma County has established a policy to provide landfill...	Removed the 50 years of capacity language, added text to make the document applicable to private ownership.	County
67	6-24	6.8.4 Revenue Sources	Removed language referring to the public-only process for developing a landfill.	County



Agenda Item # 7.1
Cost Center: All
Staff Contact: Wells/Fisher
Agenda Date: 4/18/07

ITEM: Further Consideration FY 07- 08 Draft Budget

I. BACKGROUND

Preparation of the Agency's annual budget begins with direction and approval from the Board on a preliminary draft budget, based on an annual Work Plan and key budget elements such as changes to the tipping fee surcharge. This budget data is then included in the County's Transportation and Public Works Department budget. Following Agency approval of the draft budget, staff prepares a detailed Final Budget for later approval.

At the February 2007 meeting, the Board of Directors approved the proposed FY 07-08 Work Plan for the FY 07-08 Budget and staff was directed to return with a revised FY 07-08 draft budget that avoids the use of reserves for operating expenses for the surcharge-funded cost centers (HHW, Education, Planning, and Diversion), to identify specific one-time projects for which reserve funds would be used, and to estimate and include potential future capital costs for the HHW program such that tipping fee surcharge increases would increase evenly over future years, avoiding major single year rate increases.

At the March 2007 meeting, the Board of Directors reviewed and discussed a revised FY 07-08 draft budget that reflected the Board's February direction. It included a \$1.00 per ton increase in the surcharge tipping fee for each of the next four years. The following requested parameters were included:

1. All surcharge-funded cost centers had revenues in balance with operating expenses.
2. The proposed ColWMP revision was included as an expense in the Contingency Reserve.
3. The major capital improvement recommendations presented in the HHW Evaluation from Sweetser and Associates were shown as expenses in the HHW Operations Reserve, implemented over a period of 4 years.

In future years, with the \$1.00/ton per year surcharge increase, the HHW Operations Reserve Fund accumulated contributions to keep the HHW Operations Reserve Fund at about the reserve policy goal (50% of annual operating expenses, after use of funds for capital improvements). The Contingency Reserve did not include any new surcharge contributions, but grew from interest earnings because the Contingency Reserve was funded at a level greater than the Board policy goal (25% of annual operating expenses of all surcharge cost centers, except HHW).

Without unanimous support for this revised draft budget, the Board directed staff to return with another draft budget with a transfer of \$300,000 (\$100,000 per year for three years) from the Contingency Reserve into the HHW Operating Reserve to help fund the HHW capital projects. The intent of this direction was to reduce the tipping fee surcharge increase and contributions necessary for the HHW Operations Reserve.

II. DISCUSSION

As in the earlier proposed budgets, staff prepared this draft FY 07-08 budget along with a four year forecast for planning purposes. Assumptions used were an inflation rate of 4% for expenses and a 5% interest rate on reserves and grant fund revenues.

Organics Program

In order to keep revenues in balance with the increased expenses of the composting contract and for hauling and continue to set aside funds for the new compost site, the proposed rate used for calculation of revenue is a tipping fee increase of \$1.00 per ton for both wood waste and yard debris (a 4% increase for wood waste and a 3% increase for yard debris). For FY 07-08, the proposed tipping fees would change as shown below:

	Current Rate at the Central Disposal Site	Proposed Rate at the Central Disposal Site (effective 7/07)	Current Rate at the Transfer Stations	Proposed Rate at the Transfer Stations (effective 7/07)
Yard Debris	\$33.10/ton	\$34.10/ton	\$35.20/ton	\$36.20/ton
Wood Waste	\$26.60/ton	\$27.60/ton	\$28.70/ton	\$29.70/ton

Wood Waste

Revenues for the Wood Waste cost center are based on 11,600 tons per year or 32 tons per day. This is an estimate using FY 06-07 Mid-Year Financial Report actual tonnages to calculate an annual quantity with no tonnage increase forecast for future years.

Adjusting for the contract-specified inflator and using the same CPI that was used in FY 06-07, the wood waste processing fees will be \$21.45/ton for wood waste used as fuel and \$23.26/ton for non-fuel wood waste. Estimated tonnage is the same as used for the revenue projections.

Included in the Contract Services expense is the organics hauling charges from the transfer stations to the Central Composting Facility. The hauling expense includes a 9% increase, which is the County hauling contract-specified cost adjustment between 2006 and 2007, which is based on fuel cost.

Yard Debris

Revenues for the Yard Debris cost center are based on 80,000 tons per year or 222 tons per day, including the processed yard debris going to the Laguna Treatment Plant as a bulking agent. This is an estimate using FY 06-07 Mid-Year Financial Report actual tonnages to calculate an annual quantity, with a 2% inflator used for future forecasts.

The contract expenses for yard debris composting will be \$24/ton for preparing material for Laguna composting, and \$26.26/ton for composting services at the Central site (assuming 176 or more tons/day, which is the rate most frequently used). Estimated tonnage is the same as used for the revenue projections. As with wood waste, the yard debris is subject to the increased hauling charges. Costs associated with the new compost site will be expensed from the Organics Reserve Cost Center.

Organics Reserve

Contributions to the Organics Reserve come from both the Wood Waste and Yard Debris cost centers. Any funds not required for the operation of the program are transferred to the Organics Reserve fund to be used by the organics program, including a new, permanent composting site. Future years include a \$1.00/ton increase each year.

Surcharge Cost Centers

After preparing another draft FY 07-08 budget with the Contingency Fund transfer as directed by the Board at the March meeting, staff recognized that the goal of providing relatively even tipping fee surcharge increases in future years was not possible. In order to determine if other changes might help meet this goal, staff developed two additional budget scenarios for Board consideration. All three of the scenarios include:

- Revenues match operating expenses of the surcharge cost centers (HHW, Education, Diversion, and Planning) with no use of reserves.
- Solid waste tonnage was revised to reflect the most recent Refuse projections, which resulted in a decrease of 5% from the draft budget reviewed at the March meeting. Future years assume a solid waste tonnage growth rate of 0.95%.
- The HHW program cost center budget has been revised using the most recent expense and e-waste revenue data.
- The surcharge tipping fee was adjusted to maintain the HHW Operations Reserve at about \$450,000 or greater.
- Petaluma's contribution was calculated to be proportionally equivalent to the surcharge tipping fee increase.

Scenario 1 (Board Direction) transfers Contingency Reserve funds to HHW Operations Reserve at \$100,000 per year for three years. The HHW Operations Reserve includes the expenses for projects from the HHW Program Implementation Plan included in the draft budget presented at the March 2007 Board meeting.

Scenario 2 transfers \$300,000 of Contingency Reserve funds to HHW Operations Reserves as a one-time transfer in FY 07-08. As in Scenario 1, the HHW Operations Reserve includes expenses for the projects from the HHW Program Implementation Plan as presented in the draft budget at the March 2007 Board meeting.

Scenario 3 transfers \$300,000 Contingency Reserve funds to HHW Operations Reserve as a one-time transfer in FY 07-08. The expenses in the HHW Operating Reserve for the HHW Program Implementation Plan are modified to perform only the feasibility and facility site evaluation (\$60,000) in FY 07-08 and delaying implementation of the other recommendations by one year.

III. FUNDING IMPACT

As shown in the attached draft budget scenarios, all three require a surcharge tipping fee increase of \$0.90/ton in FY 07-08 (from \$4.50/ton to \$5.40/ton) to balance operating expenses with revenues in the surcharge cost centers without use of reserves. For FY 07-08, the amount equivalent to a \$0.90/ton increase that the City of Petaluma would be required to contribute is \$140,558. All scenarios include a \$1.00/ton tipping fee increase for both wood waste and yard debris for FY 07-08.

IV. RECOMMENDED ACTION / ALTERNATIVES TO RECOMMENDATION

Staff recommends the Board direct preparation of the FY 07-08 Final Budget using Scenario 3. Scenario 3 is superior to Scenarios 1 and 2 because it includes relatively even tipping fee increases with the lowest overall tipping fee over the next four years and provides more time to evaluate and implement the HHW recommendations. As this direction will represent the FY 07-08 budget, a unanimous vote is recommended.

V. ATTACHMENTS

Draft FY 07-08 Budget using Scenario 1, Draft FY 07-08 Budget using Scenario 2, Draft FY 07-08 Budget using Scenario 3

Scenario 1		Four Year Reserves Forecast - Contributions and Uses				
Organics		Projected	Proposed	08-09	09-10	10-11
		06-07	07-08			
	Beginning Reserves	948,557	3,282,104	3,375,221	3,993,198	4,712,831
	Contributions	2,333,547	543,117	617,977	719,633	733,878
	Uses	0	450,000	0	0	0
	Ending Reserve	3,282,104	3,375,221	3,993,198	4,712,831	5,446,709
HHW Closure						
	Beginning Reserves	40,411	48,134	54,801	61,468	68,135
	Contributions	7,723	6,667	6,667	6,667	6,667
	Uses	0	0	0	0	0
	Ending Reserve	48,134	54,801	61,468	68,135	74,802
HHW Operations						
	Beginning Reserves	0	1,160,990	829,040	499,823	422,387
	Contributions	1,160,990	158,050	420,783	922,564	1,006,856
	Uses	0	490,000	750,000	1,000,000	1,000,000
	Ending Reserve	1,160,990	829,040	499,823	422,387	429,244
	Reserve Goal	1,070,881	1,102,233	1,143,847	1,189,206	1,236,801
Contingency						
	Beginning Reserves	50,820	607,497	387,872	307,265	222,629
	Contributions	569,386	30,375	19,394	15,363	11,131
	Uses	12,709	250,000	100,000	100,000	0
	Ending Reserve	607,497	387,872	307,265	222,629	233,760
	Reserve Goal	183,839	157,471	161,530	169,488	175,449
Surcharge Increase						
		\$1.00*	\$0.90	\$0.90	\$1.50	\$0.65
Tipping Fee						
		\$4.50*	\$5.40	\$6.30	\$7.80	\$8.45

* Adopted with FY 06-07 Budget

SONOMA COUNTY WASTE MANAGEMENT AGENCY										
4-year Estimates										
WOOD WASTE - 799114										
				Actual	Actual	Projected	Proposed			
				04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues										
1700	Interest on Pooled Cash			5,216	9,757	8,328	0	0	0	0
2901	Tipping Fee Revenue			275,119	311,659	318,304	329,904	341,504	353,104	364,704
4020	Sale of Materials			20,192	25,191	24,674	18,600	19,344	20,118	20,922
4102	Donations/Reimbursement			0	650	4,000	5,000	5,000	5,000	5,000
Subtotal				300,527	347,257	355,306	353,504	365,848	378,222	390,626
4624	OT-Within Enterprise			0	0	0	0	0	0	0
Total Revenues				300,527	347,257	355,306	353,504	365,848	378,222	390,626
Expenses										
6103	Liability Insurance			785	914	899	1,000	1,040	1,082	1,125
6400	Office Expense			93	775	73	500	520	541	562
6521	County Services			156	133	500	525	546	568	591
6540	Contract Services			196,880	261,350	271,619	289,143	300,709	312,737	325,247
6573	Administration Costs			19,298	48,076	38,071	30,000	31,200	32,448	33,746
6610	Legal Services			1,488	3,099	1,000	2,000	2,080	2,163	2,250
6629	Accounting Services			475	495	470	504	529	556	583
6630	Audit Services			1,350	2,900	1,500	2,000	2,080	2,163	2,250
6880	Small Tools			0	0	0	1,500	1,560	1,622	1,687
7062	Enforcement Agency Fees			0	0	0	0	0	0	0
7301	County Car Expense			0	0	0	0	0	0	0
Total Supplies and Services				220,525	317,742	314,132	327,172	340,264	353,880	368,041
8624	OT - Within Enterprise to Organics			19,481	0	41,174	17,821	25,584	24,342	22,586
	OT-Transfer to Organics(PY)			0	0	304,450	8,511	0	0	0
	Subtotal			19,481	0	345,624	26,332	25,584	24,342	22,586
Total Expenses				240,006	317,742	659,756	353,504	365,848	378,222	390,627
Net Cost				(60,521)	(29,515)	304,450	0	0	0	0
Beginning Reserves				214,414	274,935	304,450	0	0	0	0
Less: Current Net Cost				60,521	29,515	(304,450)	0	0	0	0
Audit Adjustments				0	0	0	0	0	0	0
Ending Reserve				274,935	304,450	0	0	0	0	0

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
YARD DEBRIS - 799213									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	24,227	38,002	44,407	0	0	0	0	
2901	Tipping Fee Revenue	2,442,449	2,839,226	2,715,200	2,795,200	2,961,456	3,135,172	3,220,979	
3700	Copy/Transcribe Fee	0	10	0	0	0	0	0	
4020	Sale of Material	63,984	(14,776)	85,126	85,000	88,400	91,936	95,613	
4102	Donations/Reimburse	(6,000)	4,350	6,000	5,000	5,000	5,000	5,000	
	Total Operating Income	2,524,660	2,866,812	2,850,733	2,885,200	3,054,856	3,232,108	3,321,592	
4624	OT-Within Enterprise	0	0	0	0	0	0	0	
	Total Revenues	2,524,660	2,866,812	2,850,733	2,885,200	3,054,856	3,232,108	3,321,592	
Expenses									
6103	Liability Insurance	3,140	3,656	3,679	2,000	2,080	2,163	2,250	
6400	Office Expense	2,269	1,905	728	500	520	541	562	
6521	County Services	224	258	0	525	546	568	591	
6540	Contract Services	1,937,999	2,317,739	2,237,540	2,393,870	2,489,625	2,589,210	2,692,778	
6573	Administration Costs	78,218	96,300	109,489	70,100	72,904	75,820	78,853	
6590	Engineering Services	5,512	10,725	20,000	20,000	20,800	21,632	22,497	
6610	Legal Services	6,186	9,771	5,897	6,000	6,240	6,490	6,749	
6629	Accounting Services	2,380	2,475	2,499	2,325	2,441	2,563	2,691	
6630	Audit Services	6,300	6,525	7,500	2,500	2,600	2,704	2,812	
6820	Rent/Lease Equip.	4,041	4,056	5,000	5,200	5,408	5,624	5,849	
6880	Small Tools	0	0	500	3,000	500	500	500	
7062	Enforcement Agency Fees	13,562	16,915	23,000	23,000	23,920	24,877	25,872	
7301	County Car Expense	2,924	2,632	2,200	3,000	3,120	3,245	3,375	
7302	Travel	0	0	0	500	520	541	562	
7309	Uncliamable County	0	0	165					
7400	Data Processing	0	(9)	0	0	0	0	0	
	Total Supplies and Services	2,062,755	2,472,948	2,418,197	2,532,520	2,631,224	2,736,477	2,845,942	
8624	OT - Within Enterprise to Organics	342,815	0	432,536	352,680	423,632	495,631	475,650	
	OT-Transfer to Organics(PY)	0	0	1,530,624	0	0	0	0	
	Subtotal	342,815	0	1,963,160	352,680	423,632	495,631	475,650	
	Total Expenses	2,405,570	2,472,948	4,381,357	2,885,200	3,054,856	3,232,108	3,321,592	
	Net Cost	(119,090)	(393,864)	1,530,624	0	0	0	0	
	Beginning Reserves	1,017,670	1,136,760	1,530,624	0	0	0	0	
	Less: Current Net Cost	119,090	393,864	(1,530,624)	0	0	0	0	
	Audit Adjustments	0	0	0	0	0	0	0	
	Ending Reserve	1,136,760	1,530,624	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
HOUSEHOLD HAZARDOUS WASTE - 799312									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	26,723	72,252	44,220	21,000	8,000	8,320	8,653	
2500	State Other	129,127	338,551	420,000	160,000	166,400	173,056	179,978	
2901	Tipping Fee Revenue	946,612	1,016,317	1,223,902	1,553,117	1,903,476	2,474,857	2,736,998	
3980	Revenue-Prior Year	59,949	140,000	0	0	0	0	0	
4102	Donations/Reimburse	0	0	89,224	474,608	493,077	523,346	536,970	
4109	Outdate/Cancel Warrant	3,500	0	0	0	0	0	0	
	Subtotal	1,165,911	1,567,120	1,777,346	2,208,725	2,570,953	3,179,579	3,462,599	
4624	OT - Within Enterprise								
	Contribution from HHW Op.	0	0	0	0	0	0	0	
	Total Other Revenues	0	0	0	0	0	0	0	
	Total Operating Income	1,165,911	1,567,120	1,777,346	2,208,725	2,570,953	3,179,579	3,462,599	
Expenses									
6103	Liability Insurance	1,570	1,828	1,851	4,000	4,160	4,326	4,499	
6400	Office Expense	11,560	3,903	10,553	7,180	5,068	4,327	4,500	
6500	Professional Services	206,605	81,459	160,000	160,000	166,400	173,056	179,978	
6521	County Services	1,126	1,295	1,500	1,575	1,638	1,704	1,772	
6540	Contract Services	551,074	926,069	1,845,000	1,845,000	1,918,800	1,995,552	2,075,374	
6573	Administration Costs	104,954	104,871	86,110	144,200	149,968	155,967	162,205	
6610	Legal Services	4,192	12,706	9,201	8,000	8,320	8,653	8,999	
6629	Accounting Services	953	991	825	1,010	1,050	1,092	1,136	
6630	Audit Services	2,700	1,450	3,500	7,000	7,350	7,718	8,103	
6840	Rental Building/Improvement	10,572	21,320	22,500	23,400	24,336	25,309	26,322	
6880	Small Tools	0	0	500	3,000	500	600	600	
7301	County Car	0	0	5	0	0	0	0	
7302	Travel Expense	981	314	115	0	0	0	0	
7400	Data Processing	0	9	102	100	104	108	112	
	Total Supplies and Services	896,287	1,156,215	2,141,762	2,204,465	2,287,694	2,378,412	2,473,602	
8624	OT - Within Enterprise								
	HHW Closure	0	0	6,667	4,260	3,927	3,594	3,260	
	HHW Operation Reserve(inc. PY)	0	0	1,160,990	0	279,331	797,573	985,737	
	Subtotal	0	0	1,167,657	4,260	283,258	801,167	988,997	
	Total Expenses	896,287	1,156,215	3,309,419	2,208,725	2,570,952	3,179,579	3,462,599	
	Net Cost	(269,624)	(410,905)	1,532,073	0	0	0	0	
	Beginning Reserves	779,857	1,105,174	1,532,073	0	0	0	0	
	Less: Current Net Cost	269,624	410,905	(1,532,073)	0	0	0	0	
	Audit Adjustments	55,693	15,994	0	0	0	0	0	
	Ending Reserve	1,105,174	1,532,073	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
EDUCATION - 799411									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	9,315	16,922	13,082	0	0	0	0	
2500	State Other	0	0	50,000	0	0	0	0	
2901	Tipping Fee Revenue	254,606	244,180	249,437	341,268	345,682	358,823	368,393	
3980	Prior Year	15,415	0	0	0	0	0	0	
4102	Donations/Reimbursement	15,506	11,160	18,334	21,084	24,879	31,099	33,898	
4624	OT - Within Enterprise	0	0	0	0	0	0	0	
Total Revenues		294,842	272,262	330,853	362,352	370,561	389,922	402,291	
SERVICES AND SUPPLIES									
6103	Liability Insurance	785	914	1,392	1,500	1,560	1,622	1,687	
6400	Office Expense	20,137	22,493	31,500	26,227	22,572	27,575	25,988	
6500	Professional Services	0	0	50,000	0	0	0	0	
6521	County Services	1,130	1,300	1,500	1,575	1,638	1,704	1,772	
6540	Contract Services	87,809	79,449	146,350	137,660	143,166	148,893	154,849	
6573	Administration Costs	94,368	104,515	103,488	174,880	181,875	189,150	196,716	
6610	Legal Services	2,351	2,592	10,972	10,000	10,400	10,816	11,249	
6629	Accounting Services	953	991	1,500	1,010	1,050	1,092	1,136	
6630	Audit Services	1,575	1,450	2,000	4,000	4,160	4,326	4,499	
6840	Rental Building/Improvement	3,230	3,435	4,600	3,000	3,120	3,245	3,375	
6880	Small Tools	0	1,267	500	2,000	500	1,000	500	
7302	Travel Expense	0	26	100	500	520	500	520	
Total Supplies and Services		212,338	218,432	353,902	362,352	370,561	389,923	402,291	
8624	OT - Within Enterprise	0	0	116,879	0	0	0	0	
	OT - Transfer to Contingency (PY	0	0	353,902	0	0	0	0	
	Subtotal	0	0	470,781	0	0	0	0	
Total Expenses									
Total Expenses		212,338	218,432	824,683	362,352	370,561	389,923	402,291	
Net Cost		(82,504)	(53,830)	493,830	0	0	0	0	
Beginning Reserves		359,625	442,129	493,830	0	0	0	0	
Less: Current Net Cost		82,504	53,830	(493,830)	0	0	0	0	
Audit Adjustments		(15,415)	(2,129)	0	0	0	0	0	
Ending Reserve		442,129	493,830	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
DIVERSION - 799510									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	4,167	6,822	4,495	7,250	7,395	7,691	7,998	
2500	State Other	151,707	87,644	145,000	147,900	153,816	159,969	166,368	
2901	Tipping Fee Revenue	70,506	39,597	39,910	48,753	49,216	51,260	53,177	
3980	Prior Year	5,995	0	0	0	0	0	0	
4120	Donations/Reimburse	75	12,500	2,444	2,811	3,317	4,146	4,519	
4624	OT - Within Enterprise	0	0	12,709	0	0	0	0	
Total Revenues		232,450	146,563	204,558	206,714	213,744	223,066	232,062	
Operating Expense									
6103	Liability Insurance	785	914	661	1,000	1,040	1,082	1,125	
6400	Office Expense	3,998	3,724	2,750	1,804	1,669	2,318	2,601	
6500	Professional Services	135,377	86,250	190,500	147,900	153,816	159,969	166,367	
6521	County Services	1,364	1,392	500	525	546	568	591	
6540	Contract Services	(113)	0	0	0	0	0	0	
6573	Administration Costs	56,889	81,030	37,812	51,560	53,622	55,767	57,998	
6610	Legal Services	1,762	2,254	500	1,000	1,040	1,082	1,125	
6629	Accounting Services	1,575	0	200	0	0	0	0	
6630	Audit Services	0	1,450	1,500	1,000	1,050	1,103	1,158	
6840	Rents/Leases Bldg.	0	0	0	0	0	0	0	
6880	Small Tools	0	0	0	1,500	500	700	600	
7302	Travel Expense	20	17	29	424	460	478	498	
Total Supplies and Services		201,657	177,031	234,452	206,713	213,743	223,066	232,062	
8624	OT - Within Enterprise	0	0	0	0	0	0	0	
	OT - Transfer to Contingency	0	0	0	0	0	0	0	
Subtotal		0	0	0	0	0	0	0	
Total Expenses		201,657	177,031	234,452	206,713	213,743	223,066	232,062	
Net Cost		(30,793)	30,468	29,894	0	0	0	0	
Beginning Reserves									
Less: Current Net Cost		30,793	(30,468)	(29,894)	0	0	0	0	
Audit Adjustments		(16,408)	(29,092)	0	0	0	0	0	
Ending Reserve		89,454	29,894	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY										
4-year Estimates										
PLANNING - 799618										
			Actual	Actual	Projected	Proposed				
			04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues										
1700	Interest On Pooled Cash		1,661	2,852	2,069	0	0	0	0	
2901	Tipping Fee Revenue		33,947	19,798	149,662	46,763	45,232	44,230	44,848	
3980	Prior Year		4,282	0	0	0	0	0	0	
4102	Donations/Reimburse		0	0	12,222	14,055	16,585	20,732	22,597	
4624	OT - Within Enterprise		0	0	0	0	0	0	0	
Total Revenues			39,890	22,650	163,953	60,818	61,817	64,962	67,445	
Expenses										
6103	Liability Insurance		785	914	661	1,000	1,040	1,082	1,125	
6400	Office Expense		940	241	2,000	634	786	990	1,033	
6521	County Services		63	72	500	524	545	567	590	
6540	Contract Services		0	0	100,500	0	0	0	0	
6573	Administration Costs		23,719	11,775	40,851	53,160	55,286	57,497	59,797	
6610	Legal Services		1,880	9,047	1,290	2,000	2,080	2,163	2,250	
6629	Accounting Services		0	0	200	0	0	0	0	
6630	Audit Services		0	725	1,000	2,000	2,080	2,163	2,250	
6880	Small Tools		0	0	0	1,500	0	500	400	
7302	Travel		0	0	0	0	0	0	0	
Total Supplies and Services			27,387	22,774	147,002	60,818	61,817	64,962	67,445	
8624	OT - Within Enterprise		0	0	16,951	0	0	0	0	
	OT - Transfer to Contingency (P)		0	0	79,301	0	0	0	0	
	Subtotal		0	0	96,252	0	0	0	0	
Total Expenses			27,387	22,774	243,254	60,818	61,817	64,962	67,445	
Net Cost			(12,503)	124	79,301	0	0	0	0	
Beginning Reserves										
Less: Current Net Cost			66,922	79,425	79,301	0	0	0	0	
Audit Adjustments			12,503	(124)	(79,301)	0	0	0	0	
Ending Reserve			0	0	0	0	0	0	0	
Ending Reserve			79,425	79,301	0	0	0	0	0	

4-year Estimates

ORGANICS RESERVE - 799338								
		Actual	Actual	Projected	Proposed			
		04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues								
1700	Interest on Pooled Cash	12,669	33,163	24,763	164,105	168,761	199,660	235,642
4624	OT - Within Enterprise	362,296	0	473,710	379,012	449,216	519,973	498,236
	OT - FB Transfer (PY)	0	0	1,835,074	0	0	0	0
Total Revenues		374,965	33,163	2,333,547	543,117	617,977	719,633	733,878
Expenses								
6540	Contract Services	25,000	0	0	400,000	0	0	0
6590	Engineering Services	3,061	1,515	0	20,000	0	0	0
6610	Legal Services	0	156	0	30,000	0	0	0
Total Supplies and Services		28,061	1,671	0	450,000	0	0	0
8624	OT - Within Enterprise	0	0	0	0	0	0	0
Total Expenses		28,061	1,671	0	450,000	0	0	0
Net Cost		(346,904)	(31,492)	(2,333,547)	(93,117)	(617,977)	(719,633)	(733,878)
Beginning Reserves		570,161	917,065	948,557	3,282,104	3,375,221	3,993,198	4,712,831
Less: Current Net Cost		346,904	31,492	2,333,547	93,117	617,977	719,633	733,878
Audit Adjustments		0	0	0	0	0	0	0
Ending Reserve		917,065	948,557	3,282,104	3,375,221	3,993,198	4,712,831	5,446,709

SONOMA COUNTY WASTE MANAGEMENT AGENCY

4 - year Estimates

HHW CLOSURE - 799320

		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest on Pooled Cash	871	1,413	1,056	2,407	2,740	3,073	3,407	
4624	OT - Within Enterprise	0	0	6,667	4,260	3,927	3,594	3,260	
Total Revenues		871	1,413	7,723	6,667	6,667	6,667	6,667	
Expenses									
Total Supplies and Services		0	0	0	0	0	0	0	
8624	OT - Within Enterprise	0	0	0	0	0	0	0	
Total Expenses		0	0	0	0	0	0	0	
Net Cost		(871)	(1,413)	(7,723)	(6,667)	(6,667)	(6,667)	(6,667)	
Beginning Reserves		38,127	38,998	40,411	48,134	54,801	61,468	68,135	
Less: Current Net Cost		871	1,413	7,723	6,667	6,667	6,667	6,667	
Audit Adjustments		0	0	0	0	0	0	0	
Ending Reserve		38,998	40,411	48,134	54,801	61,468	68,135	74,802	

4 - year Estimates

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4 - year Estimates									
HHW OPERATING RESERVE - 799338									
				Actual	Actual	Projected	Proposed		
				04-05	05-06	06-07	07-08	08-09	09-10
Revenues									
1700	Interest on Pooled Cash			0	0	0	58,050	41,452	24,991
4624	OT - Within Enterprise(from Contir			0	0	0	100,000	100,000	100,000
	OT - Within Enterprise						0	279,331	797,573
	OT - FB Transfer (PY)			0	0	1,160,990	0	0	0
Total Revenues				0	0	1,160,990	158,050	420,783	922,564
Expenses									
6540	Contract Services (HHW projects)			0	0	0	490,000	750,000	1,000,000
8624	OT - Within Enterprise			0	0	0	0	0	0
Total Expenses				0	0	0	490,000	750,000	1,000,000
Net Cost				0	0	(1,160,990)	331,950	329,217	77,436
Beginning Reserves				0	0	0	1,160,990	829,040	499,823
Less: Current Net Cost				0	0	1,160,990	(331,950)	(329,217)	(77,436)
Audit Adjustments				0	0	0	0	0	0
Ending Reserve				0	0	1,160,990	829,040	499,823	422,387

SONOMA COUNTY WASTE MANAGEMENT AGENCY

4 - year Estimates

CONTINGENCY - 799718									
								</	

Four Year Reserves Forecast - Contributions and Uses

Surcharge Increase	\$1.00*	\$0.90	\$0.90	\$1.50	\$0.65
Tipping Fee	\$4.50*	\$5.40	\$6.30	\$7.80	\$8.45

* Adopted with FY 06-07 Budget

SONOMA COUNTY WASTE MANAGEMENT AGENCY										
4-year Estimates										
WOOD WASTE - 799114				Actual	Actual	Projected	Proposed			
				04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues										
1700	Interest on Pooled Cash			5,216	9,757	8,328	0	0	0	0
2901	Tipping Fee Revenue			275,119	311,659	318,304	329,904	341,504	353,104	364,704
4020	Sale of Materials			20,192	25,191	24,674	18,600	19,344	20,118	20,922
4102	Donations/Reimbursement			0	650	4,000	5,000	5,000	5,000	5,000
Subtotal				300,527	347,257	355,306	353,504	365,848	378,222	390,626
4624	OT-Within Enterprise			0	0	0	0	0	0	0
Total Revenues				300,527	347,257	355,306	353,504	365,848	378,222	390,626
Expenses										
6103	Liability Insurance			785	914	899	1,000	1,040	1,082	1,125
6400	Office Expense			93	775	73	500	520	541	562
6521	County Services			156	133	500	525	546	568	591
6540	Contract Services			196,880	261,350	271,619	289,143	300,709	312,737	325,247
6573	Administration Costs			19,298	48,076	38,071	30,000	31,200	32,448	33,746
6610	Legal Services			1,488	3,099	1,000	2,000	2,080	2,163	2,250
6629	Accounting Services			475	495	470	504	529	556	583
6630	Audit Services			1,350	2,900	1,500	2,000	2,080	2,163	2,250
6880	Small Tools			0	0	0	1,500	1,560	1,622	1,687
7062	Enforcement Agency Fees			0	0	0	0	0	0	0
7301	County Car Expense			0	0	0	0	0	0	0
Total Supplies and Services				220,525	317,742	314,132	327,172	340,264	353,880	368,041
8624	OT - Within Enterprise to Organics			19,481	0	41,174	17,821	25,584	24,342	22,586
	OT-Transfer to Organics(PY)			0	0	304,450	8,511	0	0	0
Subtotal				19,481	0	345,624	26,332	25,584	24,342	22,586
Total Expenses				240,006	317,742	659,756	353,504	365,848	378,222	390,627
Net Cost				(60,521)	(29,515)	304,450	0	0	0	0
Beginning Reserves				214,414	274,935	304,450	0	0	0	0
Less: Current Net Cost				60,521	29,515	(304,450)	0	0	0	0
Audit Adjustments				0	0	0	0	0	0	0
Ending Reserve				274,935	304,450	0	0	0	0	0

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
YARD DEBRIS - 799213									
			Actual	Actual	Projected	Proposed			
			04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues									
1700	Interest On Pooled Cash		24,227	38,002	44,407	0	0	0	0
2901	Tipping Fee Revenue		2,442,449	2,839,226	2,715,200	2,795,200	2,961,456	3,135,172	3,220,979
3700	Copy/Transcribe Fee		0	10	0	0	0	0	0
4020	Sale of Material		63,984	(14,776)	85,126	85,000	88,400	91,936	95,613
4102	Donations/Reimburse		(6,000)	4,350	6,000	5,000	5,000	5,000	5,000
Total Operating Income			2,524,660	2,866,812	2,850,733	2,885,200	3,054,856	3,232,108	3,321,592
4624	OT-Within Enterprise		0	0	0	0	0	0	0
Total Revenues			2,524,660	2,866,812	2,850,733	2,885,200	3,054,856	3,232,108	3,321,592
Expenses									
6103	Liability Insurance		3,140	3,656	3,679	2,000	2,080	2,163	2,250
6400	Office Expense		2,269	1,905	728	500	520	541	562
6521	County Services		224	258	0	525	546	568	591
6540	Contract Services		1,937,999	2,317,739	2,237,540	2,393,870	2,489,625	2,589,210	2,692,778
6573	Administration Costs		78,218	96,300	109,489	70,100	72,904	75,820	78,853
6590	Engineering Services		5,512	10,725	20,000	20,000	20,800	21,632	22,497
6610	Legal Services		6,186	9,771	5,897	6,000	6,240	6,490	6,749
6629	Accounting Services		2,380	2,475	2,499	2,325	2,441	2,563	2,691
6630	Audit Services		6,300	6,525	7,500	2,500	2,600	2,704	2,812
6820	Rent/Lease Equip.		4,041	4,056	5,000	5,200	5,408	5,624	5,849
6880	Small Tools		0	0	500	3,000	500	500	500
7062	Enforcement Agency Fees		13,562	16,915	23,000	23,000	23,920	24,877	25,872
7301	County Car Expense		2,924	2,632	2,200	3,000	3,120	3,245	3,375
7302	Travel		0	0	0	500	520	541	562
7309	Unclimable County		0	0	165				
7400	Data Processing		0	(9)	0	0	0	0	0
Total Supplies and Services			2,062,755	2,472,948	2,418,197	2,532,520	2,631,224	2,736,477	2,845,942
8624	OT - Within Enterprise to Organic		342,815	0	432,536	352,680	423,632	495,631	475,650
	OT-Transfer to Organics(PY)		0	0	1,530,624	0	0	0	0
Subtotal			342,815	0	1,963,160	352,680	423,632	495,631	475,650
Total Expenses			2,405,570	2,472,948	4,381,357	2,885,200	3,054,856	3,232,108	3,321,592
Net Cost			(119,090)	(393,864)	1,530,624	0	0	0	0
Beginning Reserves			1,017,670	1,136,760	1,530,624	0	0	0	0
Less: Current Net Cost			119,090	393,864	(1,530,624)	0	0	0	0
Audit Adjustments			0	0	0	0	0	0	0
Ending Reserve			1,136,760	1,530,624	0	0	0	0	0

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
HOUSEHOLD HAZARDOUS WASTE - 799312									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	26,723	72,252	44,220	21,000	8,000	8,320	8,653	
2500	State Other	129,127	338,551	420,000	160,000	166,400	173,056	179,978	
2901	Tipping Fee Revenue	946,612	1,016,317	1,223,902	1,553,117	1,903,476	2,474,857	2,736,998	
3980	Revenue-Prior Year	59,949	140,000	0	0	0	0	0	
4102	Donations/Reimburse	0	0	89,224	474,608	493,077	523,346	536,970	
4109	Outdate/Cancel Warrant	3,500	0	0	0	0	0	0	
	Subtotal	1,165,911	1,567,120	1,777,346	2,208,725	2,570,953	3,179,579	3,462,599	
4624	OT - Within Enterprise								
	Contribution from HHW Op.	0	0	0	0	0	0	0	
	Total Other Revenues	0	0	0	0	0	0	0	
Total Operating Income		1,165,911	1,567,120	1,777,346	2,208,725	2,570,953	3,179,579	3,462,599	
Expenses									
6103	Liability Insurance	1,570	1,828	1,851	4,000	4,160	4,326	4,499	
6400	Office Expense	11,560	3,903	10,553	7,180	5,068	4,327	4,500	
6500	Professional Services	206,605	81,459	160,000	160,000	166,400	173,056	179,978	
6521	County Services	1,126	1,295	1,500	1,575	1,638	1,704	1,772	
6540	Contract Services	551,074	926,069	1,845,000	1,845,000	1,918,800	1,995,552	2,075,374	
6573	Administration Costs	104,954	104,871	86,110	144,200	149,968	155,967	162,205	
6610	Legal Services	4,192	12,706	9,201	8,000	8,320	8,653	8,999	
6629	Accounting Services	953	991	825	1,010	1,050	1,092	1,136	
6630	Audit Services	2,700	1,450	3,500	7,000	7,350	7,718	8,103	
6840	Rental Building/Improvement	10,572	21,320	22,500	23,400	24,336	25,309	26,322	
6880	Small Tools	0	0	500	3,000	500	600	600	
7301	County Car	0	0	5	0	0	0	0	
7302	Travel Expense	981	314	115	0	0	0	0	
7400	Data Processing	0	9	102	100	104	108	112	
	Total Supplies and Services	896,287	1,156,215	2,141,762	2,204,465	2,287,694	2,378,412	2,473,602	
8624	OT - Within Enterprise								
	HHW Closure	0	0	6,667	4,260	3,927	3,594	3,260	
	HHW Operation Reserve(inc. PY)	0	0	1,160,990	0	279,331	797,573	985,737	
	Subtotal	0	0	1,167,657	4,260	283,258	801,167	988,997	
Total Expenses		896,287	1,156,215	3,309,419	2,208,725	2,570,952	3,179,579	3,462,599	
Net Cost		(269,624)	(410,905)	1,532,073	0	0	0	0	
Beginning Reserves		779,857	1,105,174	1,532,073	0	0	0	0	
Less: Current Net Cost		269,624	410,905	(1,532,073)	0	0	0	0	
Audit Adjustments		55,693	15,994	0	0	0	0	0	
Ending Reserve		1,105,174	1,532,073	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
EDUCATION - 799411									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	9,315	16,922	13,082	0	0	0	0	
2500	State Other	0	0	50,000	0	0	0	0	
2901	Tipping Fee Revenue	254,606	244,180	249,437	341,268	345,682	358,823	368,393	
3980	Prior Year	15,415	0	0	0	0	0	0	
4102	Donations/Reimbursement	15,506	11,160	18,334	21,084	24,879	31,099	33,898	
4624	OT - Within Enterprise	0	0	0	0	0	0	0	
Total Revenues		294,842	272,262	330,853	362,352	370,561	389,922	402,291	
SERVICES AND SUPPLIES									
6103	Liability Insurance	785	914	1,392	1,500	1,560	1,622	1,687	
6400	Office Expense	20,137	22,493	31,500	26,227	22,572	27,575	25,988	
6500	Professional Services	0	0	50,000	0	0	0	0	
6521	County Services	1,130	1,300	1,500	1,575	1,638	1,704	1,772	
6540	Contract Services	87,809	79,449	146,350	137,660	143,166	148,893	154,849	
6573	Administration Costs	94,368	104,515	103,488	174,880	181,875	189,150	196,716	
6610	Legal Services	2,351	2,592	10,972	10,000	10,400	10,816	11,249	
6629	Accounting Services	953	991	1,500	1,010	1,050	1,092	1,136	
6630	Audit Services	1,575	1,450	2,000	4,000	4,160	4,326	4,499	
6840	Rental Building/Improvement	3,230	3,435	4,600	3,000	3,120	3,245	3,375	
6880	Small Tools	0	1,267	500	2,000	500	1,000	500	
7302	Travel Expense	0	26	100	500	520	500	520	
Total Supplies and Services		212,338	218,432	353,902	362,352	370,561	389,923	402,291	
8624	OT - Within Enterprise	0	0	116,879	0	0	0	0	
	OT - Transfer to Contingency (PY	0	0	353,902	0	0	0	0	
	Subtotal	0	0	470,781	0	0	0	0	
Total Expenses		212,338	218,432	824,683	362,352	370,561	389,923	402,291	
Net Cost		(82,504)	(53,830)	493,830	0	0	0	0	
Beginning Reserves		359,625	442,129	493,830	0	0	0	0	
Less: Current Net Cost		82,504	53,830	(493,830)	0	0	0	0	
Audit Adjustments		(15,415)	(2,129)	0	0	0	0	0	
Ending Reserve		442,129	493,830	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
DIVERSION - 799510									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	4,167	6,822	4,495	7,250	7,395	7,691	7,998	
2500	State Other	151,707	87,644	145,000	147,900	153,816	159,969	166,368	
2901	Tipping Fee Revenue	70,506	39,597	39,910	48,753	49,216	51,260	53,177	
3980	Prior Year	5,995	0	0	0	0	0	0	
4120	Donations/Reimburse	75	12,500	2,444	2,811	3,317	4,146	4,519	
4624	OT - Within Enterprise	0	0	12,709	0	0	0	0	
Total Revenues		232,450	146,563	204,558	206,714	213,744	223,066	232,062	
Operating Expense									
6103	Liability Insurance	785	914	661	1,000	1,040	1,082	1,125	
6400	Office Expense	3,998	3,724	2,750	1,804	1,669	2,318	2,601	
6500	Professional Services	135,377	86,250	190,500	147,900	153,816	159,969	166,367	
6521	County Services	1,364	1,392	500	525	546	568	591	
6540	Contract Services	(113)	0	0	0	0	0	0	
6573	Administration Costs	56,889	81,030	37,812	51,560	53,622	55,767	57,998	
6610	Legal Services	1,762	2,254	500	1,000	1,040	1,082	1,125	
6629	Accounting Services	1,575	0	200	0	0	0	0	
6630	Audit Services	0	1,450	1,500	1,000	1,050	1,103	1,158	
6840	Rents/Leases Bldg.	0	0	0	0	0	0	0	
6880	Small Tools	0	0	0	1,500	500	700	600	
7302	Travel Expense	20	17	29	424	460	478	498	
Total Supplies and Services		201,657	177,031	234,452	206,713	213,743	223,066	232,062	
8624	OT - Within Enterprise	0	0	0	0	0	0	0	
	OT - Transfer to Contingency	0	0	0	0	0	0	0	
	Subtotal	0	0	0	0	0	0	0	
Total Expenses		201,657	177,031	234,452	206,713	213,743	223,066	232,062	
Net Cost		(30,793)	30,468	29,894	0	0	0	0	
Beginning Reserves		75,069	89,454	29,894	0	0	0	0	
Less: Current Net Cost		30,793	(30,468)	(29,894)	0	0	0	0	
Audit Adjustments		(16,408)	(29,092)	0	0	0	0	0	
Ending Reserve		89,454	29,894	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
PLANNING - 799618									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	1,661	2,852	2,069	0	0	0	0	
2901	Tipping Fee Revenue	33,947	19,798	149,662	46,763	45,232	44,230	44,848	
3980	Prior Year	4,282	0	0	0	0	0	0	
4102	Donations/Reimburse	0	0	12,222	14,055	16,585	20,732	22,597	
4624	OT - Within Enterprise	0	0	0	0	0	0	0	
Total Revenues		39,890	22,650	163,953	60,818	61,817	64,962	67,445	
Expenses									
6103	Liability Insurance	785	914	661	1,000	1,040	1,082	1,125	
6400	Office Expense	940	241	2,000	634	786	990	1,033	
6521	County Services	63	72	500	524	545	567	590	
6540	Contract Services	0	0	100,500	0	0	0	0	
6573	Administration Costs	23,719	11,775	40,851	53,160	55,286	57,497	59,797	
6610	Legal Services	1,880	9,047	1,290	2,000	2,080	2,163	2,250	
6629	Accounting Services	0	0	200	0	0	0	0	
6630	Audit Services	0	725	1,000	2,000	2,080	2,163	2,250	
6880	Small Tools	0	0	0	1,500	0	500	400	
7302	Travel	0	0	0	0	0	0	0	
Total Supplies and Services		27,387	22,774	147,002	60,818	61,817	64,962	67,445	
8624	OT - Within Enterprise	0	0	16,951	0	0	0	0	
	OT - Transfer to Contingency (P)	0	0	79,301	0	0	0	0	
	Subtotal	0	0	96,252	0	0	0	0	
Total Expenses		27,387	22,774	243,254	60,818	61,817	64,962	67,445	
Net Cost		(12,503)	124	79,301	0	0	0	0	
Beginning Reserves		66,922	79,425	79,301	0	0	0	0	
Less: Current Net Cost		12,503	(124)	(79,301)	0	0	0	0	
Audit Adjustments		0	0	0	0	0	0	0	
Ending Reserve		79,425	79,301	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY

4-year Estimates

SONOMA COUNTY WASTE MANAGEMENT AGENCY										
4-year Estimates										
ORGANICS RESERVE - 799338										
				Actual	Actual	Projected	Proposed			
				04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues										
1700	Interest on Pooled Cash			12,669	33,163	24,763	164,105	168,761	199,660	235,642
4624	OT - Within Enterprise			362,296	0	473,710	379,012	449,216	519,973	498,236
	OT - FB Transfer (PY)			0	0	1,835,074	0	0	0	0
Total Revenues				374,965	33,163	2,333,547	543,117	617,977	719,633	733,878
Expenses										
6540	Contract Services			25,000	0	0	400,000	0	0	0
6590	Engineering Services			3,061	1,515	0	20,000	0	0	0
6610	Legal Services			0	156	0	30,000	0	0	0
Total Supplies and Services				28,061	1,671	0	450,000	0	0	0
8624	OT - Within Enterprise			0	0	0	0	0	0	0
Total Expenses				28,061	1,671	0	450,000	0	0	0
Net Cost				(346,904)	(31,492)	(2,333,547)	(93,117)	(617,977)	(719,633)	(733,878)
Beginning Reserves				570,161	917,065	948,557	3,282,104	3,375,221	3,993,198	4,712,831
Less: Current Net Cost				346,904	31,492	2,333,547	93,117	617,977	719,633	733,878
Audit Adjustments				0	0	0	0	0	0	0
Ending Reserve				917,065	948,557	3,282,104	3,375,221	3,993,198	4,712,831	5,446,709

SONOMA COUNTY WASTE MANAGEMENT AGENCY										
4 - year Estimates										
HHW CLOSURE - 799320										
				Actual	Actual	Projected	Proposed			
				04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues										
1700	Interest on Pooled Cash			871	1,413	1,056	2,407	2,740	3,073	3,407
4624	OT - Within Enterprise			0	0	6,667	4,260	3,927	3,594	3,260
Total Revenues				871	1,413	7,723	6,667	6,667	6,667	6,667
Expenses										
Total Supplies and Services				0	0	0	0	0	0	0
8624	OT - Within Enterprise			0	0	0	0	0	0	0
Total Expenses				0	0	0	0	0	0	0
Net Cost				(871)	(1,413)	(7,723)	(6,667)	(6,667)	(6,667)	(6,667)
Beginning Reserves				38,127	38,998	40,411	48,134	54,801	61,468	68,135
Less: Current Net Cost				871	1,413	7,723	6,667	6,667	6,667	6,667
Audit Adjustments				0	0	0	0	0	0	0
Ending Reserve				38,998	40,411	48,134	54,801	61,468	68,135	74,802

SONOMA COUNTY WASTE MANAGEMENT AGENCY

4 - year Estimates

HHW OPERATING RESERVE - 799338

		Actual	Actual	Projected	Proposed			
		04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues								
1700	Interest on Pooled Cash	0	0	0	58,050	51,452	30,491	21,894
4624	OT - Within Enterprise(from Contir	0	0	0	300,000	0	0	0
	OT - Within Enterprise				0	279,331	797,573	985,737
	OT - FB Transfer (PY)	0	0	1,160,990	0	0	0	0
Total Revenues		0	0	1,160,990	358,050	330,783	828,064	1,007,631
Expenses								
6540	Contract Services (HHW projects)	0	0	0	490,000	750,000	1,000,000	1,000,000
8624	OT - Within Enterprise	0	0	0	0	0	0	0
Total Expenses		0	0	0	490,000	750,000	1,000,000	1,000,000
Net Cost		0	0	(1,160,990)	131,950	419,217	171,936	(7,631)
Beginning Reserves								
		0	0	0	1,160,990	1,029,040	609,823	437,887
Less: Current Net Cost		0	0	1,160,990	(131,950)	(419,217)	(171,936)	7,631
Audit Adjustments		0	0	0	0	0	0	0
Ending Reserve		0	0	1,160,990	1,029,040	609,823	437,887	445,519

4 - year Estimates

[illegible]

Scenario 3		Four Year Reserves Forecast - Contributions and Uses				
Organics		Projected	Proposed	08-09	09-10	10-11
		06-07	07-08			
	Beginning Reserves	948,557	3,282,104	3,375,221	3,993,198	4,712,831
	Contributions	2,333,547	543,117	617,977	719,633	733,878
	Uses	0	450,000	0	0	0
	Ending Reserve	3,282,104	3,375,221	3,993,198	4,712,831	5,446,709
HHW Closure						
	Beginning Reserves	40,411	48,134	54,801	61,468	68,135
	Contributions	7,723	6,667	6,667	6,667	6,667
	Uses	0	0	0	0	0
	Ending Reserve	48,134	54,801	61,468	68,135	74,802
HHW Operations						
	Beginning Reserves	0	1,160,990	1,219,040	1,235,294	859,794
	Contributions	1,160,990	358,050	216,254	374,500	601,310
	Uses	0	300,000	200,000	750,000	1,000,000
	Ending Reserve	1,160,990	1,219,040	1,235,294	859,794	461,103
	Reserve Goal	1,070,881	1,102,233	1,143,847	1,189,206	1,236,801
Contingency						
	Beginning Reserves	50,820	607,497	187,872	197,265	207,129
	Contributions	569,386	30,375	9,394	9,863	10,356
	Uses	12,709	450,000	0	0	0
	Ending Reserve	607,497	187,872	197,265	207,129	217,485
	Reserve Goal	183,839	157,471	162,571	169,938	175,709
Surcharge Increase		\$1.00*	\$0.90	\$0.60	\$0.60	\$0.80
Tipping Fee		\$4.50*	\$5.40	\$6.00	\$6.60	\$7.40

* Adopted with FY 06-07 Budget

SONOMA COUNTY WASTE MANAGEMENT AGENCY										
4-year Estimates										
WOOD WASTE - 799114				Actual	Actual	Projected	Proposed			
				04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues										
1700	Interest on Pooled Cash			5,216	9,757	8,328	0	0	0	0
2901	Tipping Fee Revenue			275,119	311,659	318,304	329,904	341,504	353,104	364,704
4020	Sale of Materials			20,192	25,191	24,674	18,600	19,344	20,118	20,922
4102	Donations/Reimbursement			0	650	4,000	5,000	5,000	5,000	5,000
Subtotal				300,527	347,257	355,306	353,504	365,848	378,222	390,626
4624	OT-Within Enterprise			0	0	0	0	0	0	0
Total Revenues				300,527	347,257	355,306	353,504	365,848	378,222	390,626
Expenses										
6103	Liability Insurance			785	914	899	1,000	1,040	1,082	1,125
6400	Office Expense			93	775	73	500	520	541	562
6521	County Services			156	133	500	525	546	568	591
6540	Contract Services			196,880	261,350	271,619	289,143	300,709	312,737	325,247
6573	Administration Costs			19,298	48,076	38,071	30,000	31,200	32,448	33,746
6610	Legal Services			1,488	3,099	1,000	2,000	2,080	2,163	2,250
6629	Accounting Services			475	495	470	504	529	556	583
6630	Audit Services			1,350	2,900	1,500	2,000	2,080	2,163	2,250
6880	Small Tools			0	0	0	1,500	1,560	1,622	1,687
7062	Enforcement Agency Fees			0	0	0	0	0	0	0
7301	County Car Expense			0	0	0	0	0	0	0
Total Supplies and Services				220,525	317,742	314,132	327,172	340,264	353,880	368,041
8624	OT - Within Enterprise to Organics			19,481	0	41,174	17,821	25,584	24,342	22,586
	OT-Transfer to Organics(PY)			0	0	304,450	8,511	0	0	0
Subtotal				19,481	0	345,624	26,332	25,584	24,342	22,586
Total Expenses				240,006	317,742	659,756	353,504	365,848	378,222	390,627
Net Cost				(60,521)	(29,515)	304,450	0	0	0	0
Beginning Reserves				214,414	274,935	304,450	0	0	0	0
Less: Current Net Cost				60,521	29,515	(304,450)	0	0	0	0
Audit Adjustments				0	0	0	0	0	0	0
Ending Reserve				274,935	304,450	0	0	0	0	0

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
YARD DEBRIS - 799213									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	24,227	38,002	44,407	0	0	0	0	
2901	Tipping Fee Revenue	2,442,449	2,839,226	2,715,200	2,795,200	2,961,456	3,135,172	3,220,979	
3700	Copy/Transcribe Fee	0	10	0	0	0	0	0	
4020	Sale of Material	63,984	(14,776)	85,126	85,000	88,400	91,936	95,613	
4102	Donations/Reimburse	(6,000)	4,350	6,000	5,000	5,000	5,000	5,000	
Total Operating Income		2,524,660	2,866,812	2,850,733	2,885,200	3,054,856	3,232,108	3,321,592	
4624	OT-Within Enterprise	0	0	0	0	0	0	0	
Total Revenues		2,524,660	2,866,812	2,850,733	2,885,200	3,054,856	3,232,108	3,321,592	
Expenses									
6103	Liability Insurance	3,140	3,656	3,679	2,000	2,080	2,163	2,250	
6400	Office Expense	2,269	1,905	728	500	520	541	562	
6521	County Services	224	258	0	525	546	568	591	
6540	Contract Services	1,937,999	2,317,739	2,237,540	2,393,870	2,489,625	2,589,210	2,692,778	
6573	Administration Costs	78,218	96,300	109,489	70,100	72,904	75,820	78,853	
6590	Engineering Services	5,512	10,725	20,000	20,000	20,800	21,632	22,497	
6610	Legal Services	6,186	9,771	5,897	6,000	6,240	6,490	6,749	
6629	Accounting Services	2,380	2,475	2,499	2,325	2,441	2,563	2,691	
6630	Audit Services	6,300	6,525	7,500	2,500	2,600	2,704	2,812	
6820	Rent/Lease Equip.	4,041	4,056	5,000	5,200	5,408	5,624	5,849	
6880	Small Tools	0	0	500	3,000	500	500	500	
7062	Enforcement Agency Fees	13,562	16,915	23,000	23,000	23,920	24,877	25,872	
7301	County Car Expense	2,924	2,632	2,200	3,000	3,120	3,245	3,375	
7302	Travel	0	0	0	500	520	541	562	
7309	Unclaimable County	0	0	165					
7400	Data Processing	0	(9)	0	0	0	0	0	
Total Supplies and Services		2,062,755	2,472,948	2,418,197	2,532,520	2,631,224	2,736,477	2,845,942	
8624	OT - Within Enterprise to Organics	342,815	0	432,536	352,680	423,632	495,631	475,650	
	OT-Transfer to Organics(PY)	0	0	1,530,624	0	0	0	0	
Subtotal		342,815	0	1,963,160	352,680	423,632	495,631	475,650	
Total Expenses		2,405,570	2,472,948	4,381,357	2,885,200	3,054,856	3,232,108	3,321,592	
Net Cost		(119,090)	(393,864)	1,530,624	0	0	0	0	
Beginning Reserves									
Less: Current Net Cost		1,017,670	1,136,760	1,530,624	0	0	0	0	
Audit Adjustments		119,090	393,864	(1,530,624)	0	0	0	0	
Ending Reserve		0	0	0	0	0	0	0	
Ending Reserve		1,136,760	1,530,624	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
HOUSEHOLD HAZARDOUS WASTE - 799312									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	26,723	72,252	44,220	21,000	8,000	8,320	8,653	
2500	State Other	129,127	338,551	420,000	160,000	166,400	173,056	179,978	
2901	Tipping Fee Revenue	946,612	1,016,317	1,223,902	1,553,117	1,785,604	2,013,805	2,330,410	
3980	Revenue-Prior Year	59,949	140,000	0	0	0	0	0	
4102	Donations/Reimburse	0	0	89,224	474,608	486,920	499,560	516,140	
4109	Outdate/Cancel Warrant	3,500	0	0	0	0	0	0	
	Subtotal	1,165,911	1,567,120	1,777,346	2,208,725	2,446,924	2,694,741	3,035,181	
4624	OT - Within Enterprise								
	Contribution from HHW Op.	0	0	0	0	0	0	0	
	Total Other Revenues	0	0	0	0	0	0	0	
Total Operating Income		1,165,911	1,567,120	1,777,346	2,208,725	2,446,924	2,694,741	3,035,181	
Expenses									
6103	Liability Insurance	1,570	1,828	1,851	4,000	4,160	4,326	4,499	
6400	Office Expense	11,560	3,903	10,553	7,180	5,068	4,327	4,500	
6500	Professional Services	206,605	81,459	160,000	160,000	166,400	173,056	179,978	
6521	County Services	1,126	1,295	1,500	1,575	1,638	1,704	1,772	
6540	Contract Services	551,074	926,069	1,845,000	1,845,000	1,918,800	1,995,552	2,075,374	
6573	Administration Costs	104,954	104,871	86,110	144,200	149,968	155,967	162,205	
6610	Legal Services	4,192	12,706	9,201	8,000	8,320	8,653	8,999	
6629	Accounting Services	953	991	825	1,010	1,050	1,092	1,136	
6630	Audit Services	2,700	1,450	3,500	7,000	7,350	7,718	8,103	
6840	Rental Building/Improvement	10,572	21,320	22,500	23,400	24,336	25,309	26,322	
6880	Small Tools	0	0	500	3,000	500	600	600	
7301	County Car	0	0	5	0	0	0	0	
7302	Travel Expense	981	314	115	0	0	0	0	
7400	Data Processing	0	9	102	100	104	108	112	
	Total Supplies and Services	896,287	1,156,215	2,141,762	2,204,465	2,287,694	2,378,412	2,473,602	
8624	OT - Within Enterprise								
	HHW Closure	0	0	6,667	4,260	3,927	3,594	3,260	
	HHW Operation Reserve(inc. PY)	0	0	1,160,990	0	155,302	312,735	558,320	
	Subtotal	0	0	1,167,657	4,260	159,229	316,329	561,580	
Total Expenses		896,287	1,156,215	3,309,419	2,208,725	2,446,923	2,694,741	3,035,182	
Net Cost		(269,624)	(410,905)	1,532,073	0	0	0	0	
Beginning Reserves		779,857	1,105,174	1,532,073	0	0	0	0	
Less: Current Net Cost		269,624	410,905	(1,532,073)	0	0	0	0	
Audit Adjustments		55,693	15,994	0	0	0	0	0	
Ending Reserve		1,105,174	1,532,073	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
EDUCATION - 799411									
			Actual	Actual	Projected	Proposed			
			04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues									
1700	Interest On Pooled Cash		9,315	16,922	13,082	0	0	0	0
2500	State Other		0	0	50,000	0	0	0	0
2901	Tipping Fee Revenue		254,606	244,180	249,437	341,268	350,425	366,822	375,918
3980	Prior Year		15,415	0	0	0	0	0	0
4102	Donations/Reimbursement		15,506	11,160	18,334	21,084	23,614	26,212	29,619
4624	OT - Within Enterprise		0	0	0	0	0	0	0
Total Revenues			294,842	272,262	330,853	362,352	374,039	393,034	405,537
SERVICES AND SUPPLIES									
6103	Liability Insurance		785	914	1,392	1,500	1,560	1,622	1,687
6400	Office Expense		20,137	22,493	31,500	26,227	26,050	29,186	28,987
6500	Professional Services		0	0	50,000	0	0	0	0
6521	County Services		1,130	1,300	1,500	1,575	1,638	1,704	1,772
6540	Contract Services		87,809	79,449	146,350	137,660	143,166	148,893	154,849
6573	Administration Costs		94,368	104,515	103,488	174,880	181,875	189,150	196,716
6610	Legal Services		2,351	2,592	10,972	10,000	10,400	10,816	10,996
6629	Accounting Services		953	991	1,500	1,010	1,050	1,092	1,136
6630	Audit Services		1,575	1,450	2,000	4,000	4,160	4,326	4,499
6840	Rental Building/Improvement		3,230	3,435	4,600	3,000	3,120	3,245	3,375
6880	Small Tools		0	1,267	500	2,000	500	2,000	480
7302	Travel Expense		0	26	100	500	520	1,000	1,040
Total Supplies and Services			212,338	218,432	353,902	362,352	374,039	393,034	405,537
8624	OT - Within Enterprise		0	0	116,879	0	0	0	0
	OT - Transfer to Contingency (PY)		0	0	353,902	0	0	0	0
	Subtotal		0	0	470,781	0	0	0	0
Total Expenses									
Total Expenses			212,338	218,432	824,683	362,352	374,039	393,034	405,537
Net Cost			(82,504)	(53,830)	493,830	0	0	0	0
Beginning Reserves			359,625	442,129	493,830	0	0	0	0
Less: Current Net Cost			82,504	53,830	(493,830)	0	0	0	0
Audit Adjustments			(15,415)	(2,129)	0	0	0	0	0
Ending Reserve			442,129	493,830	0	0	0	0	0

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
DIVERSION - 799510									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	4,167	6,822	4,495	7,250	7,395	7,691	7,998	
2500	State Other	151,707	87,644	145,000	147,900	153,816	159,969	166,368	
2901	Tipping Fee Revenue	70,506	39,597	39,910	48,753	49,104	50,810	51,338	
3980	Prior Year	5,995	0	0	0	0	0	0	
4120	Donations/Reimburse	75	12,500	2,444	2,811	3,317	3,681	4,160	
4624	OT - Within Enterprise	0	0	12,709	0	0	0	0	
Total Revenues		232,450	146,563	204,558	206,714	213,632	222,151	229,864	
Operating Expense									
6103	Liability Insurance	785	914	661	1,000	1,040	1,082	1,222	
6400	Office Expense	3,998	3,724	2,750	1,804	1,557	1,403	1,004	
6500	Professional Services	135,377	86,250	190,500	147,900	153,816	159,969	166,367	
6521	County Services	1,364	1,392	500	525	546	568	591	
6540	Contract Services	(113)	0	0	0	0	0	0	
6573	Administration Costs	56,889	81,030	37,812	51,560	53,622	55,767	57,998	
6610	Legal Services	1,762	2,254	500	1,000	1,040	1,082	1,125	
6629	Accounting Services	1,575	0	200	0	0	0	0	
6630	Audit Services	0	1,450	1,500	1,000	1,050	1,103	1,158	
6840	Rents/Leases Bldg.	0	0	0	0	0	0	0	
6880	Small Tools	0	0	0	1,500	500	700	0	
7302	Travel Expense	20	17	29	424	460	478	400	
Total Supplies and Services		201,657	177,031	234,452	206,713	213,631	222,151	229,864	
8624	OT - Within Enterprise	0	0	0	0	0	0	0	
	OT - Transfer to Contingency	0	0	0	0	0	0	0	
	Subtotal	0	0	0	0	0	0	0	
Total Expenses		201,657	177,031	234,452	206,713	213,631	222,151	229,864	
Net Cost		(30,793)	30,468	29,894	0	0	0	0	
Beginning Reserves		75,069	89,454	29,894	0	0	0	0	
Less: Current Net Cost		30,793	(30,468)	(29,894)	0	0	0	0	
Audit Adjustments		(16,408)	(29,092)	0	0	0	0	0	
Ending Reserve		89,454	29,894	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
PLANNING - 799618									
		Actual	Actual	Projected	Proposed				
		04-05	05-06	06-07	07-08	08-09	09-10	10-11	
Revenues									
1700	Interest On Pooled Cash	1,661	2,852	2,069	0	0	0	0	
2901	Tipping Fee Revenue	33,947	19,798	149,662	46,763	46,872	47,092	47,691	
3980	Prior Year	4,282	0	0	0	0	0	0	
4102	Donations/Reimburse	0	0	12,222	14,055	15,742	17,474	19,745	
4624	OT - Within Enterprise	0	0	0	0	0	0	0	
Total Revenues		39,890	22,650	163,953	60,818	62,614	64,566	67,436	
Expenses									
6103	Liability Insurance	785	914	661	1,000	1,040	1,082	1,125	
6400	Office Expense	940	241	2,000	634	810	810	924	
6521	County Services	63	72	500	524	545	567	590	
6540	Contract Services	0	0	100,500	0	0	0	0	
6573	Administration Costs	23,719	11,775	40,851	53,160	55,286	57,497	59,797	
6610	Legal Services	1,880	9,047	1,290	2,000	2,080	2,163	2,250	
6629	Accounting Services	0	0	200	0	0	0	0	
6630	Audit Services	0	725	1,000	2,000	2,080	2,163	2,250	
6880	Small Tools	0	0	0	1,500	500	0	500	
7302	Travel	0	0	0	0	273	284	0	
Total Supplies and Services		27,387	22,774	147,002	60,818	62,614	64,566	67,436	
8624	OT - Within Enterprise	0	0	16,951	0	0	0	0	
	OT - Transfer to Contingency (P)	0	0	79,301	0	0	0	0	
	Subtotal	0	0	96,252	0	0	0	0	
Total Expenses		27,387	22,774	243,254	60,818	62,614	64,566	67,436	
Net Cost		(12,503)	124	79,301	0	0	0	0	
Beginning Reserves									
Less: Current Net Cost		66,922	79,425	79,301	0	0	0	0	
Audit Adjustments		12,503	(124)	(79,301)	0	0	0	0	
Ending Reserve		0	0	0	0	0	0	0	
Ending Reserve		79,425	79,301	0	0	0	0	0	

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4-year Estimates									
ORGANICS RESERVE - 799338									
					Actual	Actual	Projected	Proposed	
					04-05	05-06	06-07	07-08	08-09 09-10 10-11
Revenues									
1700	Interest on Pooled Cash				12,669	33,163	24,763	164,105	168,761 199,660 235,642
4624	OT - Within Enterprise				362,296	0	473,710	379,012	449,216 519,973 498,236
	OT - FB Transfer (PY)				0	0	1,835,074	0	0 0 0
Total Revenues					374,965	33,163	2,333,547	543,117	617,977 719,633 733,878
Expenses									
6540	Contract Services				25,000	0	0	400,000	0 0 0
6590	Engineering Services				3,061	1,515	0	20,000	0 0 0
6610	Legal Services				0	156	0	30,000	0 0 0
Total Supplies and Services					28,061	1,671	0	450,000	0 0 0
8624	OT - Within Enterprise				0	0	0	0	0 0 0
Total Expenses					28,061	1,671	0	450,000	0 0 0
Net Cost					(346,904)	(31,492)	(2,333,547)	(93,117)	(617,977) (719,633) (733,878)
Beginning Reserves					570,161	917,065	948,557	3,282,104	3,375,221 3,993,198 4,712,831
Less: Current Net Cost					346,904	31,492	2,333,547	93,117	617,977 719,633 733,878
Audit Adjustments					0	0	0	0	0 0 0
Ending Reserve					917,065	948,557	3,282,104	3,375,221	3,993,198 4,712,831 5,446,709

SONOMA COUNTY WASTE MANAGEMENT AGENCY

4 - year Estimates

HHW CLOSURE - 799320

					Actual	Actual	Projected	Proposed			
					04-05	05-06	06-07	07-08	08-09	09-10	10-11
	Revenues										
1700	Interest on Pooled Cash				871	1,413	1,056	2,407	2,740	3,073	3,407
4624	OT - Within Enterprise				0	0	6,667	4,260	3,927	3,594	3,260
	Total Revenues				871	1,413	7,723	6,667	6,667	6,667	6,667
	Expenses										
	Total Supplies and Services				0	0	0	0	0	0	0
8624	OT - Within Enterprise				0	0	0	0	0	0	0
	Total Expenses				0	0	0	0	0	0	0
	Net Cost				(871)	(1,413)	(7,723)	(6,667)	(6,667)	(6,667)	(6,667)
	Beginning Reserves				38,127	38,998	40,411	48,134	54,801	61,468	68,135
	Less: Current Net Cost				871	1,413	7,723	6,667	6,667	6,667	6,667
	Audit Adjustments				0	0	0	0	0	0	0
	Ending Reserve				38,998	40,411	48,134	54,801	61,468	68,135	74,802

4 - year Estimates

SONOMA COUNTY WASTE MANAGEMENT AGENCY										
4 - year Estimates										
HHW OPERATING RESERVE - 799338										
				Actual	Actual	Projected	Proposed			
				04-05	05-06	06-07	07-08	08-09	09-10	10-11
Revenues										
1700	Interest on Pooled Cash			0	0	0	58,050	60,952	61,765	42,990
4624	OT - Within Enterprise(from Contrir			0	0	0	300,000	0	0	0
	OT - Within Enterprise						0	155,302	312,735	558,320
	OT - FB Transfer (PY)			0	0	1,160,990	0	0	0	0
Total Revenues				0	0	1,160,990	358,050	216,254	374,500	601,310
Expenses										
6540	Contract Services (HHW projects)			0	0	0	300,000	200,000	750,000	1,000,000
8624	OT - Within Enterprise			0	0	0	0	0	0	0
Total Expenses				0	0	0	300,000	200,000	750,000	1,000,000
Net Cost				0	0	(1,160,990)	(58,050)	(16,254)	375,500	398,690
Beginning Reserves				0	0	0	1,160,990	1,219,040	1,235,294	859,794
Less: Current Net Cost				0	0	1,160,990	58,050	16,254	(375,500)	(398,690)
Audit Adjustments				0	0	0	0	0	0	0
Ending Reserve				0	0	1,160,990	1,219,040	1,235,294	859,794	461,103

4 - year Estimates

SONOMA COUNTY WASTE MANAGEMENT AGENCY									
4 - year Estimates									
CONTINGENCY - 799718									