

Five-Year CIWMP/RAIWMP Review Report Template

Public Resources Code (PRC) Sections 41770 and 41822, and Title 14, California Code of Regulations (CCR) Section 18788 require that each countywide or regional agency integrated waste management plan (CIWMP or RAIWMP), and the elements thereof, be reviewed, revised if necessary, and submitted to the Department of Resources Recycling and Recovery (CalRecycle) every five years. CalRecycle developed this Five-Year CIWMP/RAIWMP Review Report template to streamline the Five-Year CIWMP/RAIWMP review, reporting, and approval process.

A county or regional agency may use this template to document its compliance with these regulatory review and reporting requirements and as a tool in its review, including obtaining Local Task Force (LTF) comments on areas of the CIWMP or RAIWMP that need revision, if any. This template also can be finalized based on these comments and submitted to CalRecycle as the county or regional agency's Five-Year CIWMP or RAIWMP Review Report.

The [Five-Year CIWMP/RAIWMP Review Report Template Instructions](#) describe each section and provide general guidelines with respect to preparing the report. Completed and signed reports should be submitted to the CalRecycle's Local Assistance & Market Development (LAMD) Branch at the address below. Upon report receipt, LAMD staff may request clarification and/or additional information if the details provided in the report are not clear or are not complete. Within 90 days of receiving a *complete* Five-Year CIWMP/RAIWMP Review Report, LAMD staff will review the report and prepare their findings for CalRecycle consideration for approval.

If you have any questions about the Five-Year CIWMP/RAIWMP Review Report process or how to complete this template, please contact your LAMD representative at (916) 341-6199. Mail the completed and signed Five-Year CIWMP/RAIWMP Review Report to:

Dept. of Resources Recycling & Recovery
Local Assistance & Market Development, MS-9
P. O. Box 4025
Sacramento, CA 95812-4025

To edit & customize this template, the editing restrictions (filling in forms) must be disengaged. Select the Review tab, Protect Document, and then Restrict Formatting and Editing (uncheck editing restrictions). There is no password (options). Please contact your LAMD representative at (916) 341-6199 with related questions.

General Instructions: Please complete Sections 1 through 7, and all other applicable subsections. Double click on shaded text/areas () to select or add text.

SECTION 1.0 COUNTY OR REGIONAL AGENCY INFORMATION			
I certify that the information in this document is true and correct to the best of my knowledge, and that I am authorized to complete this report and request approval of the CIWMP or RAIWMP Five-Year Review Report on behalf of:			
County or Regional Agency Name County of Yolo		County(s) [if a RAIWMP Review Report]	
Authorized Signature		Title Division Director	
Type/Print Name of Person Signing Ramin Yazdani		Date	Phone (530) 666-8848
Person Completing This Form (please print or type) Marissa Juhler		Title Waste Reduction Manager	Phone (530) 666-8813
Mailing Address 44090 County Road 28H	City Woodland	State CA	Zip 95776
E-mail Address mjuhler@yolocounty.org			

TABLE OF CONTENTS

<u>Section</u>	<u>Description</u>	<u>Page</u>
2.0	BACKGROUND	3
3.0	LOCAL TASK FORCE REVIEW	3
4.0	TITLE 14, CALIFORNIA CODE of REGULATIONS SECTION 18788 (3) (A) THROUGH (H) ISSUES	3
4.1	Changes in Demographics in the County or Regional Agency	3
4.2	Changes in Quantities of Waste within the County or Regional Agency; and Changes in Permitted Disposal Capacity and Quantities of Waste Disposed in the County or Regional Agency	4
4.3	Changes in Funding Source for Administration of the Siting Element and Summary Plan	5
4.4	Changes in Administrative Responsibilities	6
4.5	Programs that were Scheduled to be Implemented but were not	6
4.6	Changes in Available Markets for Recyclable Materials	6
4.7	Changes in the Implementation Schedule	8
5.0	OTHER ISSUES (optional)	8
6.0	ANNUAL REPORT REVIEW	8
7.0	REVISION SCHEDULE	9

SECTION 2.0 BACKGROUND

This is the County of Yolo's 5th Five-Year Review Report since the approval of the CIWMP.

None of the following changes have occurred since the approval of Yolo County's original planning documents or the last Five-Year CIWMP Review which occurred in December of 2016:

- | | |
|---|---|
| <input type="checkbox"/> Diversion goal reduction | <input type="checkbox"/> New city (name(s) _____) |
| <input type="checkbox"/> New regional agency | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Changes to regional agency | |

Additional Information (optional)

N/A

SECTION 3.0 LOCAL TASK FORCE REVIEW

- a. In accordance with Title 14 CCR, Section 18788, the Local Task Force (LTF) reviewed each element and plan included in the CIWMP and finalized its comments
 at the May 27, 2021 LTF meeting. electronically (fax, e-mail) other (Explain):

- b. The County of Yolo received the written comments from the LTF on August 26, 2021.
- c. A copy of the LTF comments
 is included as Appendix A.
 was submitted to CalRecycle on _____.

SECTION 4.0 TITLE 14, CALIFORNIA CODE OF REGULATIONS SECTION 18788 (3) (A) THROUGH (H)

The subsections below address not only the areas of change specified in the regulations, but also provide specific analyses regarding the continued adequacy of the planning documents in light of those changes, including a determination on any need for revision to one or more of the planning documents.

Section 4.1 Changes in Demographics in the County or Regional Agency

Upon review of demographic changes since our last review in December of 2016 and a base year of April of 2010 the following is true:

- The demographic changes since the development of the CIWMP do not warrant a revision to any of the countywide planning documents. Specifically, the United States Census Bureau population data from the base year of April 1, 2010 was 200,855 for Yolo County and was 220,500 was July 1, of 2019. This showed an overall growth rate averaging no more than 1% per year. The most recent growth rate, posted by the Department of Finance from 2019-2020, shows a decline at 0.4% growth (see data below).

Additional Analysis

E-1: City/County Population Estimates with Annual Percent Change

State/County/City	January 1, 2019 and 2020		Percent Change
	Total Population 1/1/2019	Total Population 1/1/2020	
Yolo	220,896	221,705	0.4
Davis	69,179	69,183	0.0
West Sacramento	53,995	54,328	0.6
Winters	7,169	7,279	1.5
Woodland	60,068	60,742	1.1
Balance of County	30,485	30,173	-1.0

<http://www.dof.ca.gov/research/demographic/reports/estimates/e-1/view.php>

Section 4.2 Changes in Quantities of Waste within the County or Regional Agency; and Changes in Permitted Disposal Capacity and Waste Disposed in the County or Regional Agency

Together, the reports below help illustrate changes in the quantities of waste within the county or as well as in permitted disposal capacity. This information also summarizes each jurisdiction’s progress in implementing the Source Reduction and Recycling Element (SRRE) and complying with the 50 percent diversion rate requirement. 2016 is being provided as a base from our last 5-year CIWMP review as well as the last published data in 2019 for comparison.

- The county continues to have adequate disposal capacity (i.e., equal to or greater than 15 years). **Attached** you will find a copy of our current Solid Waste Facility Permit which allows for an estimated 103 additional years of capacity through the year 2124.

Analysis

- These changes in quantities of waste and changes in permitted disposal capacity since the development of the CIWMP do not warrant a revision to any of the countywide planning documents. Specifically, each jurisdiction within Yolo County is meeting the per capita disposal measurement goals (see below). Additionally, you will see that all jurisdictions have implemented additional programs over the years to help meet further diversion efforts.

**Multi-year Countywide Origin Summary
For the County of: Yolo**

<u>Report Year</u>	<u>Jurisdiction</u>	<u>Disposal Tons</u>
2016		178,641
	Davis	35,522
	West Sacramento	58,690
	Winters	5,581
	Woodland	54,850
	Yolo-Unincorporated	23,998

<u>Report Year</u>	<u>Jurisdiction</u>	<u>Disposal Tons</u>
2019		192,255
	Davis	37,791
	West Sacramento	61,025
	Winters	5,827
	Woodland	55,615
	Yolo-Unincorporated	31,997

Additional Analysis

<u>Jurisdiction</u>	<u>Diversion Rate (%)</u> 1995 (Base Year)	<u>Biennial Review Status</u>	<u># of Programs Implemented</u>
Davis	48	Board Approved	34
West Sacramento	27	Board Approved	29
Winters	50	Board Approved	26
Woodland	42	Board Approved	27
Yolo-Unincorporated	21	Board Approved Good Faith Effort	36

2019 Data (Most Current - Cal Recycle Approved)

<u>Jurisdiction</u>	<u># of Programs Implemented</u>	<u>Population Disposal Target (PPD)</u>	<u>Population Disposal Annual (PPD)</u>	<u>Employment Disposal Target (PPD)</u>	<u>Employment Disposal Annual (PPD)</u>
Davis	43	3.8	3	16.6	12.6
West Sacramento	41	9.8	6.4	14.7	9.9
Winters	39	5.5	4.3	23.4	14.8
Woodland	40	5.7	5.2	14.5	12.1
Yolo-Unincorporated	43	10.6	5.6	8.2	6.4

Section 4.3 Changes in Funding Source for Administration of the Siting Element (SE) and Summary Plan (SP)

- There have been no significant changes in funding for administration of the SE and SP or the changes that have occurred do not warrant a revision to any of the countywide planning documents.

Section 4.4 Changes in Administrative Responsibilities

- There have been no significant changes in administrative responsibilities therefore we do not warrant a revision to any of the planning documents. The County of Yolo continues to be the lead agency overseeing administrative responsibilities for the CIWMP and regularly facilitates Waste Advisory Committee (WAC) public meetings to discuss the programs outlined in its documents.

Section 4.5 Programs that Were Scheduled to Be Implemented, But Were Not

1. Progress of Program Implementation

- a. SRRE and Household Hazardous Waste Element (HHWE)
 All program implementation information has been updated in the CalRecycle Electronic Annual Report (EAR), including the reason for not implementing specific programs, if applicable.
- b. Nondisposal Facility Element (NDFE)
 There have been no changes in the use of nondisposal facilities (based on the current NDFEs and any amendments and/or updates).
- c. Countywide Siting Element (SE)
 There have been no changes to the information provided in the current SE.
- d. Summary Plan
 There have been no changes to the information provided in the current SP.

2. Statement regarding whether Programs are Meeting their Goals

- The programs are meeting their goals.

Analysis

- The aforementioned changes in program implementation do not warrant a revision to any of the planning documents. Specifically, _____.

Section 4.6 Changes in Available Markets for Recyclable Materials

Yolo County has experienced changes in the following available markets for recyclable materials since the last Five-Year CIWMP Review Report:

Analysis

- There are no significant changes in available markets for recycled materials to warrant a revision to any of the planning documents.

Additional Analysis

While the recycling market changes were not significant enough to warrant a revision to the CIWMP, there were several changes which heavily impacted our programs countywide. Since the CIWMP covers a wide range of recycling, we were able to continue our programs but at increased costs and operational changes.

As mentioned in our 2016 CIWMP Review Report the wood waste recycling and recovery industry undertook a major change with the Woodland Biomass Plant being shut down temporarily, and when reopened heavily restricted from accepting multiple types of wood previously accepted. The County tried selling wood chips as a method of diversion however the interest was low. Instead we invested in grinding nearly all wood onsite to use in alternative engineering applications such as operations layers in our new anaerobic digester composting cells in 2019 and construction of our new landfill unit in 2020. This has fundamentally been the most effective way to ensure the material is diverted. However, this market continues to be declining and in years where we are not building new cells for our landfill, it may be hard to find viable recycling outlets for wood. The County is looking for grant funds to invest in an awning for the Big Blue Recycling Barn Thrift Store to cover and keep dry as much lumber, pallets, and wood furniture for resale as possible, to offset the declining wood market. Please also see Section 5 below which outlines additional market exploration in the area of wood recovery.

The electronic waste market stayed the same in regards to the loss in revenue on miscellaneous e-waste such as VCRs, DVD players, stereo equipment, small household appliances (vacuums, blenders, toasters, etc.) and peripheral computer equipment. However, CalRecycle's e-waste division raised the per lb. rate on Covered Electronic Waste (CEWs) to \$0.26/lb. which helped the County of Yolo break even on expenses related to TVs and Computer Monitors for the first time since the passage of Senate Bill (SB) 20.

The next major shift was the enforcement of the Department of Toxic Substances Control (DTSC) existing hauling and storage regulations for appliances (refrigerators, washers, dryers, hot water heaters, etc.). While the County of Yolo has accepted and processed on average 14,000 units per year, our contracted metals recycler traditionally took the units offsite to be processed for the removal of hazardous waste. With new enforcement in place, this responsibility and all costs associated with it became the responsibility of the County in late 2018.

Lastly, and the most recent change was the passage of SB 68 which became effective on January 1, 2021 and categorized treated wood waste (TWW) as hazardous waste. This significantly impacted our operations and would have impacted our Household Hazardous Waste Element (HHWE) had the DTSC not created a variance program. So long as we stay on course in reversing the actions of SB68 we should be fine into the future. However, if TWW is an item that permanently became restricted from disposal at area landfills, this will create a need for this material to come through our Permanent Household Hazardous Waste Facility (PHHWF). The County of Yolo may need to discontinue the acceptance of this waste stream or would need to revise its HHWE, as well as its Permit by Rule (PBR) to expand the PHHWF to accommodate such a major change in operation. Yolo County continues to accept TWW

currently as a transfer station only and transports to either Hay Road Landfill in Vacaville or Kiefer Landfill in Sacramento for proper disposal, with the DTSC variance.

Section 4.7 Changes in the Implementation Schedule

- There are no significant changes in the implementation schedule to warrant a revision to any of the planning documents.

SECTION 5.0 OTHER ISSUES OR SUPPLEMENTARY INFORMATION (optional)

The following addresses other significant issues/changes in the County of Yolo and how these changes affect the adequacy of the CIWMP to the extent that a revision to one or more of the planning documents is not needed. As a result of changing markets and new target goals set under SB 1383, the County of Yolo issued a Notice of Preparation Environmental Impact Report (EIR) and Notice of Public Scoping Meeting in September of 2020 to propose the following changes to the design and operation of the Yolo County Central Landfill (YCCL).

1. The DIWM is proposing these changes to achieve the following objectives:
 - (a) To decrease the environmental impacts of landfill development, operations, and final closure, and increase the environmental benefits that can be derived from certain aspects of landfill operations;
 - (b) To increase the County's ability to divert waste (including organics) from the landfill and continue to meet the state-mandated diversion goals provided in SB 1383, other state-mandates to reduce waste from landfill (AB 341), and reduce greenhouse gas (GHG) emissions (AB 32);
 - (c) To increase efficiency, diversify operations, and operate more economically; and
 - (d) To extend the overall site life through new operational methodologies.
2. The projects listed for evaluation in the next 5 years, which are a part of the 2021 EIR, and directly relate to our CIWMP efforts include the following:
 1. *Biomass Gasification Facility*
 2. *Wood Pellet Facility*
 3. *Waste Gasification*
 4. *Expanded Biogas Utilization Options*
 5. *Organic Waste Fertilizer Facility*

Our next CIWMP 5-year review in 2026 will provide details on the research, possible implementation and success in reaching the objectives above.

SECTION 6.0 ANNUAL REPORT REVIEW

- The Annual Reports for each jurisdiction in the County of Yolo have been reviewed, specifically those sections that address the adequacy of the CIWMP elements. No jurisdictions reported the need to revise one or more of these planning documents.

Analysis

The discussion below addresses the County of Yolo's evaluation of the Annual Report data relating to planning document adequacy and includes determination regarding the need to revise one or more of the documents:

There is no need to revise the document during this cycle. Attached you will find the supporting documentation from our Waste Advisory Committee supporting this finding.

SECTION 7.0 REVISION SCHEDULE (if required)

Not Applicable.

DRAFT