



## EL DORADO SOLID WASTE ADVISORY COMMITTEE



June 14, 2016

Board Member Ron Mikulaco, District I, Chair  
Board Member Shiva Frentzen, District II  
Board Member Brian Veerkamp, District III  
Board Member Michael Ranalli, District IV  
Board Member Sue Novasel, District V

Honorable Members of the Board of Supervisors:

The County's Solid Waste Management Plan (SWMP) was developed with the assistance of the SWMP Committee appointed by the Board of Supervisors (Board), County staff, consultants, and the El Dorado Solid Waste Advisory Committee (EDSWAC). The SWMP was approved by the Board on January 31, 2012. The SWMP included an Action Plan of selected, cost-effective strategies, as well as strategies mandated by State law, that the County would undertake in an effort to achieve the goal of diverting 75% of solid waste from landfilling by the year 2020. The SWMP Committee recommended the SWMP and Action Plan be reviewed at least once every five (5) years by EDSWAC and County staff to determine if adjustments to the Action Plan are necessary to accommodate the changing economy, demographic and regulatory environmental circumstances, and changes in technology. The 5-year review schedule was to coincide with the review of the Countywide Integrated Waste Management Plan (CIWMP) mandated by AB 939.

The 5-year review of CIWMP was initiated and completed by EDSWAC and County staff in 2015, approved by your Board on November 10, 2015, and submitted to the CA Department of Resources Recycling and Recovery (CalRecycle) by November 15, 2015 as required by AB 939. Due to the fact that the County's SWMP was not approved by your Board until January 2012, the first 5-year review would not normally take place until 2017; however, given that the CIWMP review was required in 2015, EDSWAC and County staff elected to "split the difference" and complete the SWMP review in 2016.

For this first 5-year review of the SWMP, EDSWAC focused most of its effort on the implementation status of the sixteen (16) strategies detailed in the Board approved Action Plan as these strategies were identified as the highest priority based upon cost-effectiveness and likelihood to help the County achieve its goal of 75% diversion by the year 2020. A summary of the strategies, due dates, and status of each strategy is attached.



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Upon review of the SWMP and specifically the Action Plan, EDSWAC finds that there is no need at this time to make changes to the County's Solid Waste Management Plan. EDSWAC did note that not all strategies were completed by the due dates in the originally developed schedule; however, some strategies are ahead of schedule as well. Changes to the completion schedule are noted in the attached summary.

EDSWAC appreciates the opportunity to review and comment on the implementation status of the County's SWMP Action Plan.

Sincerely,

A handwritten signature in cursive script that reads "Catherine Dickson Schwarzbach".

Catherine Dickson Schwarzbach, Ed.D.  
Chair  
El Dorado Solid Waste Advisory Committee

Cc: Greg Stanton, Environmental Management Division Director

Attachment

## **SWMP Action Plan Strategies: EDSWAC Ad Hoc Status Review**

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This table organizes the SWMP strategies by program strategies, infrastructure strategies, and supporting strategies as identified in the El Dorado County Solid Waste Management Plan - Action Plan. Some of these strategies are necessary to meet existing regulatory requirements and are not optional. Other strategies are designed to increase Countywide diversion to meet a 75 percent landfill diversion goal. If unlimited funding was available, County jurisdictions might elect to implement most, if not all, of the strategies contained in the SWMP. However, County jurisdictions have a primary overriding goal of maintaining cost-effective solid waste services for residents and businesses. County jurisdictions must carefully prioritize which strategies to implement and when to implement them. The strategies recommended by the Committee and County staff, and approved by the Board of Supervisors, are the creation of a West Slope JPA, the strategy programs mandated by current regulation and the program and infrastructure strategies with cost efficiencies of at least 10 tons of diversion per \$1,000 spent. These prioritized strategies have been highlighted in green text so that they can be easily identified. Other strategies may be pursued in the future pending funding and regulatory changes.

### **Ad Hoc Findings:**

After evaluation of the strategies out-lined in the SWMP Action Plan, the Ad Hoc Committee has determined that there is no need to amend the SWMP at this time.

While Ad Hoc determined that the SWMP does not need to be amended at this time, there were some target implementation dates that need to be revised and are noted in the "Year Due" column with a strike through the original target date and a new target date listed. It was discussed that target date revisions do not warrant a change to the SWMP, but rather will be communicated to the Board during a agenda item that will be going to the Board.

Discussion points for each strategy are provided, if there were any.

	Action Plan Rank	Objectives and Strategies	Year Due	Page # Vol. 2	Status	Ad Hoc Discussion:
<b>Action Plan Program Strategy Ranking</b>						
1	Program Rank 1 Near Term	Strategy 2.2 – Use Greater Pay-As-You-Throw (PAYT) Pricing Programs	2012-2014	4-21 - 4-22	COMPLETE	
2	Program Rank 2 Near Term	Strategy 2.5 – Enhance and Enforce the Construction and Demolition Ordinance	2011-2016	4-25 - 4-26	COMPLETE	
3	Program Rank 3 Near Term	Strategy 2.3 - Expand Use of Purchasing Preference Practices	<del>2014.</del> 2017	4-22 - 4-24	IN PROGRESS	Will not be complete by end of FY 15/16. Extend to FY 16/17. Not met due to staffing limitations. We discussed whether the Ord. Needed to be revised or the policy or both. The plan says " During 2013, the County jurisdictions should work with current procurement officers and review model EPP policies to develop draft ordinances. County staff should present its draft ordinance to the Board of Supervisors for approval." Pg 4.24 Ord. 3.12.30 says the BOS shall adopt a policy. Staff is working with CAO, Procurement to complete this strategy.
4	Program Rank 4 Near Term	Strategy 1.4 – Expand Mandatory Residential Collection Ordinance	<del>2012/2013</del> 2017	4-16 - 4-21	IN PROGRESS	Service areas have been analyzed. There are two areas (zip codes) in North County, as indicated in the SWMP, that are potentially above the 85% subscription trigger threshold for consideration of mandatory collection. Staff is working with the franchise hauler to verify the customer base in these areas. As noted in the SWMP, regardless of exceeding the 85% trigger some County areas may never be converted to mandatory collection due to unique challenges associated with a given area. Establishing a new mandatory service area requires approval by the Board of Supervisors.
5	Program Rank 5 Intermediate Term	Strategy 2.16 - Develop Residential Food Waste Collection Program	2018	5-6 - 5-7	PENDING	Give the programs a chance to be implemented for a while so that we can come back and evaluate what is working and what isn't.
6	Program Rank 6 Near Term	Strategy 2.13 – Enhance Home Composting Programs	<del>2013</del> 2016	4-30 - 4-31	IN PROGRESS/ ON GOING	Home Composting information developed and available on EMD website. Monitor how many hits the Home Composting website receives (1 hit in 30 days); possibly develop survey. EMD will check after we promote home composting at the Placerville and SLT Earth Day events and the El Dorado County Home and Garden Show in May.

7	Program Rank 7 Near Term	Strategy 2.6 - Expand Use of Curbside Recycling Programs (Targeted to Select Areas)	2014	4-26	COMPLETE	
8	Program Rank 8 Near Term	Strategy 2.4 – Implement Mandatory Commercial Recycling Program	2012	4-24 - 4-25	COMPLETE/ ONGOING	MCR implemented as required by State law. Ad Hoc believes MCR should be added to Solid Waste Ord to complete this strategy. Discussed including MFU recycling into the revised Solid Waste Ord.
9	Program Rank 9 Intermediate Term	Strategy 2.1 - Implement New Waste Reduction Actions	2017	5-2 - 5.3	COMPLETE/ ONGOING	
10	Program Rank 10 Near Term	Strategy 2.8 –Enhance Existing School, Park, and Community Facility Recycling Programs (and implement where necessary)	2012	4-27 - 4-28	COMPLETE/ ONGOING	Discussion regarding expanding recycling program in schools on west slope to include food waste (they are not interested at this time). Focus food waste on businesses that generate food waste - see strategy 2.12.
11	Program Rank 11 Near Term	Strategy 2.10 - Expand Multi-Family Recycling Program	2015	Page 4-29 - 4-30	COMPLETE/ ONGOING	
12	Program Rank 12 Intermediate Term	Strategy 2.12 - Develop Commercial Food Waste Collection Program	2017	5-4 - 5-5	PHASE 1: COMPLETE PHASE 2: INPROCESS	

**Action Plan Infrastructure Strategies**

**West Slope MRF/TS Options**

13	Infrastructure WS MRF/TS Rank 1 Intermediate Term	Strategy 3.10 - Develop Modern and Economical MRF/Transfer Station on the West Slope	( <del>2017</del> ) 2018	5-9 - 5-10	IN PROGRESS	Originally identified as an intermediate-term strategy (2020-2025). Accelerated through franchise negotiations. Delayed as a result of extended Permitting and Environmental Impact Reports/Evaluations. EDD is taking necessary time needed upfront for permitting and evaluation to be sure they understand all the appropriate engineering and environmental impacts and can effectively plan and execute the build. Construction will take place 2017-2018 and the new MRF will be open in 2018/2019. The existing MRF will remain operational during the build.
14	Infrastructure WS MRF Rank 2 Near Term	Strategy 1.3 – Extend Use of and Modify West Slope MRF as Needed	"CURRENT"	4-14 - 4-16	IN PROGRESS	Strategy not selected in Action Plan. Not implemented. This strategy was not implemented in favor of 3.10. County and El Dorado Disposal agreed that it did not make sense to spend money on the existing MRF when the money could go toward development and building of a new state of the art MRF and C&D processing facility. Also, this infrastructure strategy is not included in the conclusion of the Action Plan as one of the three identified cost efficient infrastructure strategies whereas strategy 3.10 is included.
15	Infrastructure WS MRF/TS Rank 3 Long Term	Strategy 3.2 - Develop a West Slope EcoPark	TBD	6-9 - 6-14	PENDING	Long term goal (2026-2040) This infrastructure strategy was not selected in the conclusion of the Action Plan as one of the three identified cost efficient infrastructure strategies.

Other New West Slope Facility Options						
16	Infrastructure New WS Rank 1 Near Term	Strategy 3.9 - Develop West Slope C&D Processing Facility	<del>2015</del> 2018	4-33 - 4-35	IN PROGRESS	Delayed - See 3.10 above. The development process is complete and EDD is moving forward with the permitting and EIR for the new modern MRF. As part of strategy 3.10. the new MRF will have a new state of the art C&D processing equipment which should increase C&D diversion to around 90%. The new modern MRF and C&D processing equipment will be operational at the end of 2018. A C&D processing facility located further west in the county was not favorable because; 1) much of the development in El Dorado Hills and Cameron Park has already taken place and therefore the waste has already been generated, and 2) infill development will be occurring throughout the west slope.
17	Infrastructure New WS Rank 2 Intermediate Term	Strategy 3.4 - Develop El Dorado County Composting Facility	<del>2017</del> -2020- 2025	5-8 - 5-9	PENDING	Staff and Franchise Haulers recognize that that a local composting facility is a necessity to be able to provide cost effective organic waste recycling within our community.
18	Infrastructure New WS Rank 3 Near Term	Strategy 3.5 - Develop Small Volume Rural Transfer Facilities and/or Strategically Placed Debris Boxes on the West Slope	<del>2012/2013</del> - See Ad Hoc comments to right	4-32 - 4-33	PENDING/ IN PROGRESS	This infrastructure strategy (SVTS) is not included in the conclusion of the Action Plan as one of the three identified cost efficient infrastructure strategies and is not being pursued at this time; however, limited debris boxes (green waste) have been placed in some areas. Boxes are also utilized at multiple community clean up events throughout the west slope.

South Lake Tahoe MRF/TS Options						
19	Infrastructure SLT MRF/TS Rank 1 Long Term	Strategy 3.8 - Renovate South Lake Tahoe Materials Recovery Facility and Transfer Station to Accept Single Stream Recyclables	2026	6-18 - 6-20	PENDING	Long term goal (2026-2040) This infrastructure strategy is not included in the conclusion of the Action Plan as one of the three identified cost efficient infrastructure strategies.
Union Mine Landfill Options						
20	Infrastructure UM LF Rank 1 Long Term	Strategy 3.3 - Re-Open Union Mine Landfill	TBD	6-14 - 6-16	PENDING	Long term goal (2026-2040)
Action Plan Supporting Strategies						
21	Support Near Term	Strategy 1.1 – Create a West Slope Joint Powers Authority (JPA)	<del>2012</del> 2016	4-4 - 4-13	PENDING	Not implemented due to a lack of interest by potential participating jurisdictions. Discussed the need to formally put this item to bed at least for now and revisit in 5 years or when there has been a significant change that may warrant jurisdiction desire for a JPA. Staff will work with partners so that this item can be placed on their respective council/board agendas if necessary for an official vote.
22	Support Near Term	Strategy 1.2 - Conduct County Waste Characterization Studies	<del>2012</del> -2016- 2017	4-13 - 4-14	IN PROGRESS	State waste characterization information was used when the SWMP was written. The County does not feel that it is necessary to expend a significant amount of funds to conduct studies that have already been conducted by the State. County has asked EDD for permission to allow the State to release the EDD/WERS specific information that the State collected in the County so that we can evaluate the data. Staff will work with STR, TTSD, and the SLTJPA to evaluate whether there is a need to conduct an east slope specific waste characterization study.
23	Support Long Term	Strategy 1.5 - Create a Regional Powers Authority	2026	6-3	PENDING	Long term goal (2026-2040)
24	Support Intermediate Term	Strategy 2.11 - Expand the Types of Recyclables Collected Curbside	TBD	5-3 - 5-5	COMPLETE	



25	Support Long Term	Strategy 2.14 - Prepare for Possible Elimination of Residential Yard Waste Burning on West Slope	TBD	6-3 - 6-8	IN PROGRESS	Long term goal (2026-2040)
26	Support Intermediate Term	Strategy 2.15 - Develop Community Composting Programs	2020	5-5 - 5-6	PENDING	Long term goal (2026-2040)
27	Support Near Term	Strategy 2.17 - Advance Outreach and Education Programs	<del>2011</del> 2016-2017	4-31 - 4-32	IN PROGRESS	
28	Support Near Term	Strategy 2.7 - Expand Residential Cart Collection Systems (Targeted to Select Areas)	TBD	4-26 - 4-27	COMPLETE	
29	Support Near Term	Strategy 2.9 - Expand Diversion Programs at Public Facilities	<del>2011</del> 2016-2017	Page 4-28 - 4-29	IN PROGRESS/ONGOING	