

**EL DORADO COUNTY  
SOLID WASTE ADVISORY COMMITTEE  
PUBLIC MEETING MINUTES  
January 12, 2015**

LOCATION: 2850 Fairlane Court, Placerville

MEMBERS PRESENT: Dickson Schwarzbach, Chair  
Don Nizolek, Vice-Chair  
Debi Harlow, El Dorado Disposal  
Pierre Rivas, City of Placerville  
Jeanne Lear, South Tahoe Refuse  
Nancy Spinella, County Representative  
Mary Cahill, Cameron Park CSD  
Kevin Loewen, El Dorado Hills CSD

COUNTY STAFF: Greg Stanton, EMD Deputy Director  
Barbara Houghton, EMD Environmental Health Manager  
Amy Velasco, EMD Environmental Health Specialist

MEMBERS ABSENT: Ray Jarvis, City of South Lake Tahoe  
David Kelly, County Representative  
George Turnboo, County Representative

OTHER PRESENT: Natasha Singh, R3 Consulting Group  
(Contractor for City of Rancho Cordova)

**1. Call to Order**

Meeting called to order at 2:35 p.m. by Chair Dickson Schwarzbach

**2. Approval of Agenda**

Motion made by Pierre Rivas to approve Agenda, Seconded by Nancy Spinella. Motion approved. In Favor = 8. Oppose = 0.

**3. Approval of Minutes**

**September 8, 2014:** Motion made by Jeanne Lear to approve, seconded by Debi Harlow. Motion approved. In Favor = 8. Oppose = 0.

**October 9, 2014:** Discussion. Jeanne Lear moved to delay Minutes approval to March meeting, Dickson Schwarzbach second. Motion approved. In Favor = 8. Oppose = 0.

**4. Old Business**

- a. **C & D Update:** Stanton reports Ordinance still being reviewed by County Counsel. Discussion of aspects of Ordinance. Natasha Singh shared information about Green Halo.

## 5. New Business

- a. **Nomination of Chair and Vice-Chair for 2015:** Nancy Spinella moved to appoint Dickson Schwarzbach as Chair and Don Nizolek as Vice-Chair, Mary Cahill seconded. Motion approved. In Favor = 8. Oppose = 0.
- b. **Common Data Reporting Systems for Franchisees:** Discussion. Franchise Service Providers and County Staff shall meet prior to March meeting to further discuss.
- c. **Public Education on the 4 R's:** Need to get recycling info out to residents. What are we doing? What more can we do? Discussion. Logos/Branding. Sub-Committee: Dickson, Kevin, Jeanne, Debi, Shaneen, and Amy.

## 6. Agency / Jurisdiction Report

### a. County of El Dorado

- i. **Staff Reports:** Private sector sponsored K-12 Grant available. Greg Stanton forwarded information to EDC Office of Education, STR and EDD. Competition based recycling.
  - ii. **Update on Solid Waste Franchise Agreement:** EDD and SDS Franchise Agreements were developed in 2014. ARDS merged with STR in 2014. Staff is currently working on Franchisee Compliance. Franchise Agreements for Amador Disposal Service and Tahoe Truckee Sierra Disposal Service will be completed in the year 2015.
  - iii. **SWMP Update:** Continued to March meeting.
  - iv. **Meeting AB 939 / AB 241 Goals, SB1016 Graph:** Continued to March meeting.
  - v. **Legislative / Regulatory Update:** Continued to March meeting.
- b. **South Lake Tahoe Refuse / American River Disposal / Sierra Disposal Service:** Jeanne provided update. *See attachment.* Greg Stanton applauds STR and SDS for their services to the King Fire victims.
  - c. **City of South Lake Tahoe:** Not present.
  - d. **El Dorado Disposal / Waste Connections / Amador:** Debi provided update. *See attachment.*
  - e. **City of Placerville:** Pierre states there is nothing to report. Discussion about EDD Food Pilot program and Main Street, Placerville.
  - f. **Cameron Park Community Services District:** Mary reports that they will be holding a Spring Community Clean-up event on April 18.
  - g. **El Dorado Hills Community Services District:** Kevin reports Community Clean-up will be held in March, location undetermined at this time.

7. **Open Forum / Public Comments:** Nizolek states that the 5-year report may be due this year.

8. **Action Items for Next Meeting:** Report from Recycling Sub-committee. Franchisee combined data update.

9. **Adjournment:** Motion made by Chair Dickson Schwarzbach to adjourn meeting, seconded by Debi Harlow. Motion approved. In Favor = 8. Oppose = 0.

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# EL DORADO COUNTY SOLID WASTE ADVISORY COMMITTEE (EDSWAC) PUBLIC MEETING AGENDA

March 9, 2015 2:30 p.m.

2850 Fairlane Court, Conference Room 248, Placerville, CA  
City of South Lake Tahoe, 1052 Tata Lane, South Lake Tahoe, CA

## EDSWAC Responsibility

To assist and advise the agencies responsible for developing and implementing solid and hazardous waste management plans and to aid in ensuring that the County adequately plans for meeting future solid waste handling and disposal needs.

## EDSWAC Members

1. District 1: Don Nizolek, Vice Chair
2. District 2: George Turnbo
3. District 3: Dickson Schwarzbach, Chair
4. District 4: Nancy Spinella
5. District 5: David Kelly
6. City of Placerville: Pierre Rivas, Lynne Hunter
7. City of South Lake Tahoe: Ray Jarvis, Hillary Roverud
8. Cameron Park CSD: Mary Cahill, Paul Ryan
9. El Dorado Hills CSD: Brent Dennis, Kevin Loewen
10. STR/SDS: Jeanne Lear, John Tillman
11. EDD/AD/WCNX: Jeff England, Debi Harlow

## VOTING

Requires a motion and second according to Robert's Rules of Order.

A quorum for voting consists of 50% of members plus one.

Only formal members may vote on issues.

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes: October 9, 2014 and January 12, 2015
4. Old Business
  - a. C & D Update
5. New Business
  - a. Common Data Reporting Systems for Franchisees
  - b. Public Education on the 4 R's – Subcommittee Update
  - c. Keep America Clean Grant
  - d. Meeting Frequency
6. Agency / Jurisdiction Reports
  - a. County of El Dorado
    - i. Staff Reports
    - ii. Update on Solid Waste Franchise Agreements
    - iii. Solid Waste Management Plan Update
    - iv. Meeting AB 939 / AB 341 Goals / SB1016 Graph
    - v. Legislative / Regulatory Update
  - b. South Lake Tahoe Refuse / Sierra Disposal Service
  - c. City of South Lake Tahoe
  - d. El Dorado Disposal / Waste Connections / Amador
  - e. City of Placerville
  - f. Cameron Park Community Services District
  - g. El Dorado Hills Community Services District
7. Open Forum / Public Comments
8. Action Items for Next Meeting
9. Adjournment

**NEXT MEETING:** May 11, 2015

## EDSWAC Operation Guidelines:

1. Use data to monitor the status of existing diversion practices/strategies and to identify and recommend the next best steps to further increase diversion up to 75%. Data to be used in this process would include: **a.** Strategies identified in the Solid Waste Management Plan **b.** Annual Source Reduction Report organized by Paris codes **c.** Construction and demolition (C&D) diversion for appropriate building permits and percentage of C&D tons diverted. **d.** Quarterly jurisdiction reports on diversion.
2. Identify opportunities and strategies for increasing public participation/education about reducing, reusing, recycling and recovering materials to reduce the waste stream entering material recovery facilities.
3. Seek out and review strategies for waste diversion used successfully by other jurisdictions.

**EL DORADO COUNTY  
SOLID WASTE ADVISORY COMMITTEE  
PUBLIC MEETING MINUTES  
May 11, 2015**

LOCATION: 2850 Fairlane Court, Placerville

MEMBERS PRESENT: Dickson Schwarzbach, Chair  
Don Nizolek, Vice-Chair  
Jeff England, El Dorado Disposal  
Jeanne Lear, South Tahoe Refuse  
Mary Cahill, Cameron Park CSD  
Nancy Spinella, County Representative  
George Turnboo, County Representative  
Pierre Rivas, City of Placerville

COUNTY STAFF: Greg Stanton, EMD Deputy Director  
Barbara Houghton, Environmental Health Manager  
Amy Velasco, Environmental Health Specialist  
Shaneen May, Administrative Technician

MEMBERS ABSENT: Ray Jarvis, City of South Lake Tahoe  
David Kelly, County Representative  
Kevin Loewen, El Dorado Hills CSD

OTHER PRESENT: Laurel Stroud, County Resident  
Cheryl Bly-Chester, Rosewood Environmental Engineering

**1. Call to Order**

Meeting called to order at 2:34 p.m. by Chair Dickson Schwarzbach

**2. Approval of Agenda**

Motion made by Jeanne Lear to approve Agenda, Seconded by Dickson Schwarzbach. Motion approved. In Favor = 7. Oppose = 0. (*Mary Cahill not yet present*)

**3. Approval of Minutes**

**October 9, 2014:** Discussion: Stanton apologizes for confusion of minutes of last few EDSWAC meetings. 10/9/14 Minutes were approved at 3/9/15 meeting, however, subsequent to 3/9/15 meeting it was determined that we did not have a quorum as one of our members had not been re-appointed by the BOS. We have provided Notes (formal actions = VOID) of the 3/9/15 meeting.

Discussion: Nizolek discusses his concerns with the minutes of 10/9/14 being revised after distribution to the Committee – then approved at the 3/9/15 meeting (later determined to be VOID). Stanton: Minutes before the Committee today are the original set – no revisions. Nizolek moves that we follow the format of meeting minutes provided prior to the 10/9/14 meeting until ByLaws can be amended. (Motion tabled – to be address under Agenda Item 5.a.)

Nizolek states that the BOS's format is designed for "action" and the Advisory committee is designed for "information". He states that he knows the Committee is not to give EMD staff dictation nor negotiate – they are advisors. Dickson concurs that she would like more detail in the minutes. Shaneen May apologizes for the lack of information in the 10/9/14 minutes and states that the minutes reflected "unrelated discussion" as the meeting was a "special" meeting to address the EDD Franchise Agreement only.

**Dickson Schwarzbach moved to approve the Minutes of October 9, 2014, Seconded by Nancy Spinella. Motion approved.**

**In Favor = 6 Nancy Spinella, Jeanne Lear, Mary Cahill, Jeff England, Dickson Schwarzbach and Pierre Rivas.**

**Oppose = 2 Don Nizolek and George Turnboo.**

Further Discussion: Turnboo expresses concern about bunker oil tanks on adjacent property to EDD MRF, built on holding ponds. He has environmental concerns if grading occurs. He believes there is contamination on the site. Schwarzbach explains that the monitoring of construction of the new MRF will be a County responsibility, not EDSWAC.

**January 12, 2015:** Dickson Schwarzbach moved to approve the Minutes of January 12, 2015, Seconded by Nancy Spinella. **Motion approved. In Favor = 8. Oppose = 0.**

#### **4. Old Business**

- a. **C & D Update:** Velasco reports that EMD received approval from the BOS to amend the Ordinance and submit to County Counsel for review. Spinella states she felt the review of the Ordinance was a very long process the last time it was sent to County Counsel. Velasco states that County Counsel is expecting the document review. Nizolek questions BOS Policy A3 procedure – Did we not follow this procedure originally? Stanton explains that the ordinance provision was a policy but not a practice until October, 2014 wherein the Board addressed the issue.

Nizolek : How are we going to document the progress? Velasco explains the County will be using the guidelines provided by CalGreen. There was further discussion of ordinance accountability.

#### **5. New Business**

- a. **Format of meeting minutes**

Recommended Action: Review and discuss format for meeting minutes. Action as appropriate.

Discussion: Stanton states the 3/9/15 meeting minutes is what EMD would like to use as a template for future meeting minutes. Schwarzbach states she prefers the level of detail used in minutes prior to the 10/9/14 meeting. She suggests that members summarize their comments for inclusion. Stanton and Schwarzbach discuss that agency reports may be included as attachments, but not recommended to attach further notes to already existing minutes. Cahill feels the minutes should not be very detailed – just summarizing. She believes the "action" is important, audio tapes of the meetings are available. Cahill – details are in tapes, memorialize actions and if not prepared to make a motion – back to report and return to committee. Spinella prefers the more detailed minutes and agrees with Schwarzbach that Committee Members should provide condensed/succinct statements. Cahill suggests that Committee Members may submit information to EMD staff in advance to be included on the Agenda.

Nizolek's motion under Agenda Item 3 is restated, Turnboo second. Schwarzbach would like to amend to add: "If a member would like to add detail on an item, then it should be set out in advance to go out with next meeting agenda, and that members are encouraged to provide succinct comments, and that EDSWAC should summarize discussion to make it easier to develop the minutes. Cahill adds that

she would like to really consider looking at the format of one of the two 10/9/14 minutes. (In contrast to Nizolek motion).

**Public Comment:** Cheryl Bly-Chester – public participation is encouraged in the EDSWAC Charter. When formatting the minutes keep in mind that you are trying to encourage public participation. Duty of Advisory Board is to advise the Board of Supervisors so dissenting comments should be related to the Supervisors and included in the minutes.

Nizolek: Motion is to follow the format of meeting minutes prior to the 10/9/14 meeting minutes that caused the controversy until such time as the EDSWAC Bylaws can be updated with specific criteria as to what needs to be in the meeting minutes. Turnboo second. **Motion approved. In Favor = 6: Schwarzbach, Spinella, Nizolek, Lear, England and Turnboo. Oppose = 2: Cahill and Rivas.** Rivas is more in favor of using the 10/9/14 minutes as a model. Lear reiterates that this issue will be addressed again in the future. Stanton: staff's understanding is to revert back to the format used prior to September, 2014 until such time as the ByLaws can be reviewed.

#### b. Meeting Frequency

Recommended Action: Review current ByLaws, Resolution #267-92 and Public Resource Code section 40950. Action as appropriate.

Discussion: Stanton reminds the Committee of previous discussion regarding meeting frequency wherein Committee requested staff to bring back recommended action on meeting frequency. Stanton reviewed pertinent documents with EDSWAC that reflect the range of which the committee could meet. ByLaws only state that Committee meets every other month. Pursuant to passage of AB939 back in 1989 and legislation that followed regarding the development of our task force, the committee is required to meet a minimum of once every 5 years. Intent was to coincide with the County Integrated Waste Management Plan (IWMP) review and update. Cahill states she would like the flexibility of 3 meetings a year. Spinella states quarterly meetings are good. Lear states that meetings should be scheduled at least 45 days after each quarter to coincide with reporting due dates. England supports quarterly. Nizolek would like to see a flexible schedule with a minimum of meetings. Nizolek thinks there are a couple of things missing or lacking ie. Solid Waste Management Plan (SWMP) – we haven't implemented the action plan. Wants to concentrate on items to be advisors to move the implementation plan along. We have the 5 year annual review and 5 year CIWMP. SWMP calls for its review to be at the same time (page 3 of Action Plan). Need to follow thru on goals of Franchise Agreements and completion of MRF. How can we get the information presentable without a meeting? Cahill clarifies that Nizolek is suggesting sub-committee meetings and a minimum of 3 or 4 required meetings. Stanton reports that the SWMP is listed on each EDSWAC Agenda and a spreadsheet of updates are routinely provided. Stanton recommends that the strategy spreadsheet be presented at next meeting. Schwarzbach shares her concern that less frequency of meetings may not allow for the momentum to get things done. If changed to quarterly she recommends more sub-committee work.

**Public Comment:** Laurel Stroud warns that less frequent meetings runs the risk of marginalizing yourself - the committee would no longer be a priority to its members. Turnboo thinks we should leave the schedule as is.

Turnboo moves to leave the schedule as every other month. Schwarzbach second. **Motion approved. In Favor = 5: Turnboo, Schwarzbach, Spinella, Nizolek and Lear. Oppose = 3: Cahill, England and Rivas.**

#### c. Meeting Attendance

Recommended Action: Review meeting attendance for 2014 and 2015 year to date. Action as appropriate.

Discussion: Stanton notes that we had two (2) meetings in 2014 cancelled due to lack of a quorum. Schwarzbach states that we have had long term issues with City of South Lake Tahoe representation. Lear spoke with Mr. Jarvis last week and requested he look into the possibility of naming a different staff member as the representative. Lear suggests that we thank Mr. Kelly (District 5 Representative) for his

services and appoint a new representative. Stanton states that EMD staff would like to reach out to the District 5 Supervisor prior to any formal action from EDSWAC.

Schwarzbach moves to request EMD to contact District 5 Supervisor seeking a replacement. Lear second. **Motion approved. In Favor = 8: Schwarzbach, Nizolek, Spinella, Turnboo, Lear, England, Cahill and Rivas. Oppose = 0.**

Turnboo asks if the ByLaws state there should be an alternate? Answer: The Bylaws do not indicate alternates for Supervisor representatives.

## 6. Agency / Jurisdiction Report

### a. County of El Dorado

- i. **Staff Reports:**
  1. Keep America Beautiful Grant – Velasco reports unfortunately we were not selected. Only 31 recipients from over 300 applicants.
  2. Recycling Subcommittee update – Velasco reports progress made and shares “Recycling Logo”. Hoping to use the logo throughout the County. EMD and CDA Director Pedretti have approved the logo. Looking for funding. Amy to follow-up with sub-committee.
  3. Response to EDSWAC questions:
    - a. Posting of Audio Meeting Minutes. Stanton reports yes, we have the ability to post audio minutes. Spinella suggests having a sunset date for availability. Cahill thinks should just advise that audio is available if requested. Schwarzbach states that the Minutes contain enough detail for members of the public she doesn’t see need to post the audio. EMD shall note on the Minutes that audio recordings are available.
    - b. Five (5) Year IWMP. Velasco reports that the update is due November, 2015. EMD will provide a draft to members as soon as possible for review prior to our July meeting. Nizolek discusses the timeline and requests copies of the annual PARIS reports from 2008 to present. Nizolek also requests a graph of baseline of pounds per person and also % diversion in order to follow progress since last 5 year update. He feels the discussion will be whether or not the plans need to be revised – he does not believe so – thinks we want updating as opposed to revision.
- ii. **Update on Solid Waste Franchise Agreement:** Stanton reports that there are only 2 agreements not ratified: Amador Disposal and Tahoe Truckee Sierra Disposal Service. Waste Connections has requested that Amador Disposal be merged with El Dorado Disposal. EMD taking that request to BOS in June. Hope to have the Franchise Agreement for Amador Disposal and TTSD before the BOS in July. Nizolek – is EDSWAC going to review the Agreements prior to BOS approval? Stanton explains that if the BOS approves the merger of Amador Disposal there will not be a new Agreement – ADS will be included in the EDD Franchise Agreement, with certain sections being slightly different. TTSD only has 800+ customers. EMD will share the TTSD Franchise Agreement with EDSWAC via email. Stanton shares that the STR Franchise Agreement from 2012 incorporated a standardized rate setting Policy and Procedures Manual which was carried over to the West Slope. The contract template from EDD is now being used for all contracts. TTSD and EDD will be very similar with certain sections not being applicable to TTSD.
- iii. **SWMP Update:** Nizolek states Action Plan, page 3 states “SWMP committee further recommends that the plan in this action plan be reviewed at least once

every 5 years by the EDSWAC and County staff and that adjustments to the action plan strategies be made as necessary to accommodate the changing economy.... This comprehensive five year review of this plan should be scheduled to coincide with the five year comprehensive review of the IWMP as required by AB 939.” He interprets this to state that we should be doing SWMP update at same time of IWMP. Stanton agrees – this is correct.

iv. **Meeting AB 939 / AB 341 Goals / SB1016 Graph:**

v. **Legislative / Regulatory Update:** Stanton attended the ESJPA on March 19, 2015. Currently tracking approx. 55 solid waste bills, seven (7) of which are being watched closely: AB45 HHW curbside collection; AB864 Solid Waste Facility and Temporary Permits – not likely to succeed; AB901 Solid Waste changes to report – does not impact local jurisdiction; AB1045 Composting Facilities and Streamlining; AB1103 Organics (clean-up to AB1826); SB162 Treated Wood Waste and the Solid Waste Disposal Fee – proposal to increase fees above set fee of \$1.40/ton.

- b. **South Lake Tahoe Refuse / Sierra Disposal Service:** See Report. Lear thanks Velasco for her efforts on the new reporting spreadsheet. Lear cautions that quarterly reports in a seasonal area will fluctuate. She intends to provide separate reports for STR and SDS. New benefits are now listed on their website. SDS will be rolling out blue recycling totes by 2016.
- c. **City of South Lake Tahoe:** Not present.
- d. **El Dorado Disposal / Waste Connections / Amador:** See Report. England reports that the mandatory cart roll-out is on schedule - next phase is Group Areas, reaction has been very positive. “Pay as you throw” starts on July 1. They entered into contract with US Again – a textile company that collects clothing and shoes – there are boxes located at the MRF and the buy-back centers. Picking up paint and tubes curbside. Green waste has been added as a bulky item. Very busy Spring with roll-off boxes and green waste activity. Food Waste – Nugget and Fork Lift joining, Walmart involved and the Sheriff’s kitchen will be back on line shortly. Spring Clean-ups have gone well – Placerville scheduled in June.
- e. **City of Placerville:** Rivas reports that CalRecycle will be conducting the City inspection on May 13, 2015 to review office recycling. EDD has blue recycling cans for the City.
- f. **Cameron Park Community Services District:** Cahill reports that she looks forward to doing a review of the ByLaws in the near future.
- g. **El Dorado Hills Community Services District:** Not present.

7. **Open Forum / Public Comments:** Schwarzbach has heard that the BOS is presently reviewing all committees. Stanton confirms and reports that EDSWAC is legislatively driven and has a solid foundation for its purpose.

Cheryl Bly-Chester: As to discussion of accountability on construction site projects – EIR on CEQA documents – sometimes the mitigation measures can require construction site reporting and reports generally go to Environmental Management, and so you might say that if that is required on one of these sites and daily reports go to sites that summarizes those, especially if anything happens, that are relevant to EDSWAC that those things be reported to you.

Stanton shares that Amy Velasco has been promoted to Supervising Environmental Health Specialist in the Solid Waste Program. Shaneen May is leaving EMD.

Velasco reports that EMD received approval of \$26,000 for the TEA 22 Grant – CalRecycle regulations/inspections for waste tires. El Dorado County has 144 waste tire generators. Update on Tire Amnesty Grant – Recipients will be notified in June, 2015.

8. **Action Items for Next Meeting:**

- a. EMD to provide diversion/disposal graphs.
- b. EMD to provide draft of IWMP 5-year review.

c. EMD to follow-up with District 5 EDSWAC representation.

**9. Adjournment:** Meeting adjourned at 4:40 p.m. by Chair Dickson Schwarzbach.

APPROVED:

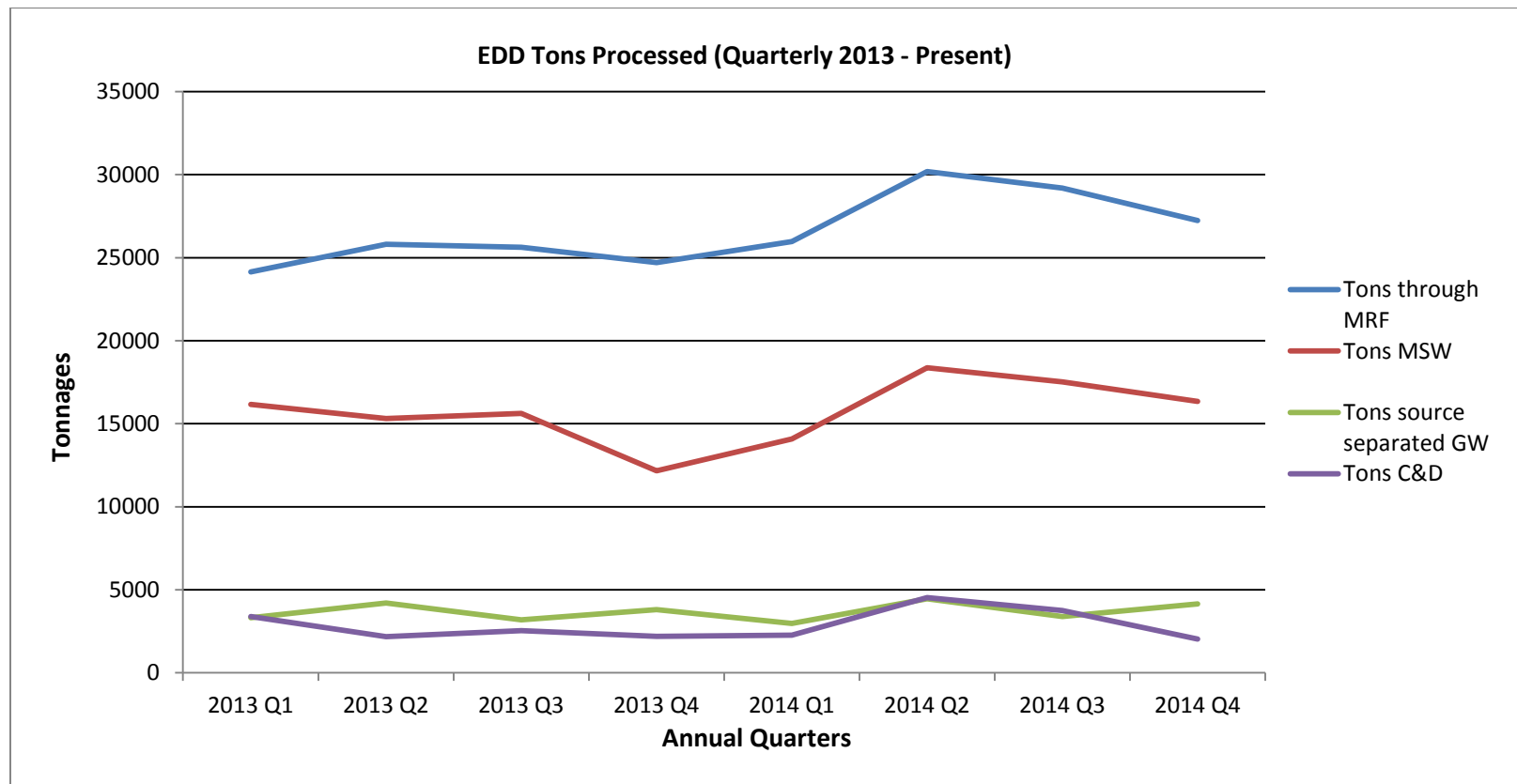
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Catherine Dickson Schwarzbach, Chair

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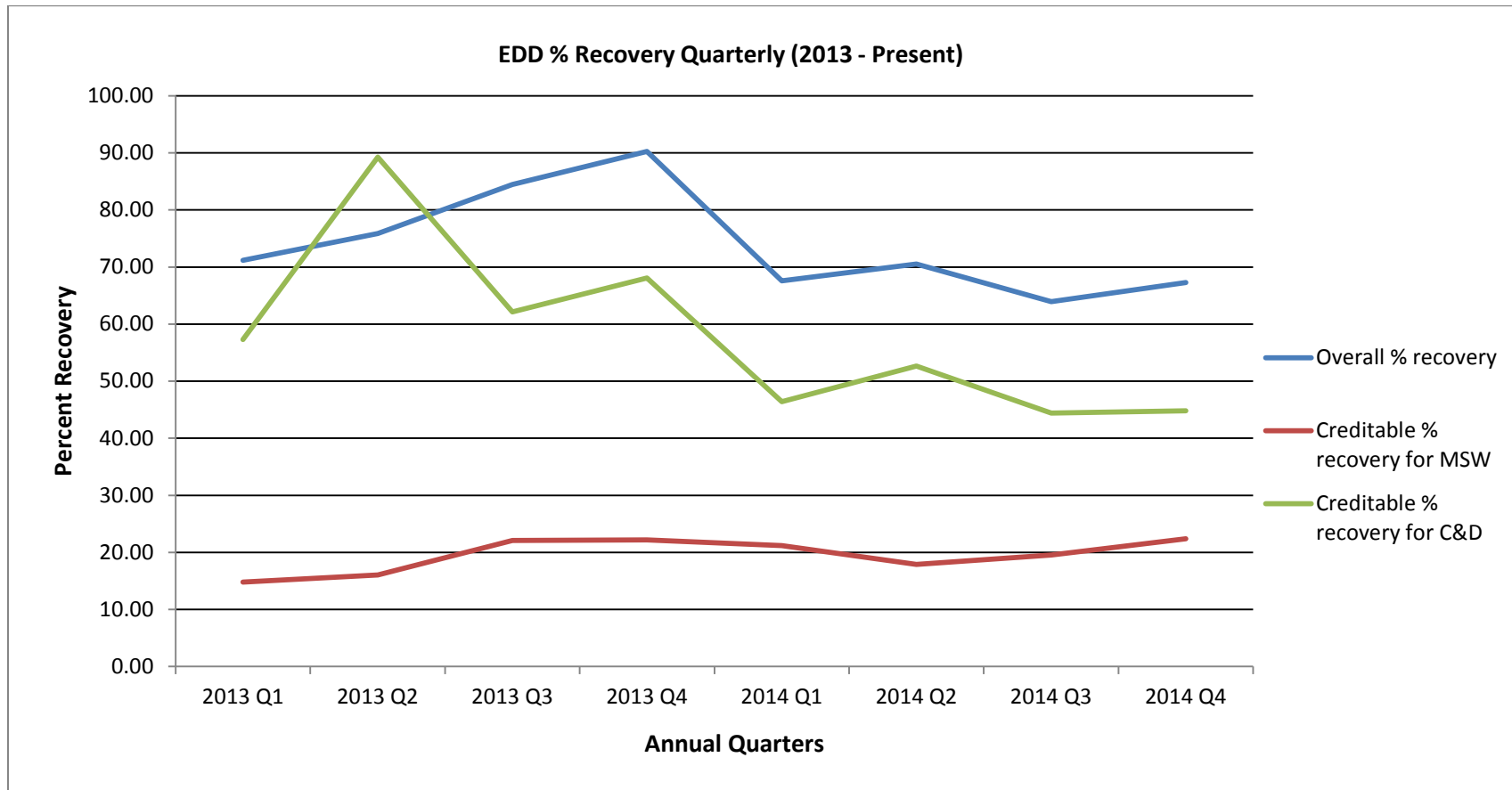
Date

EDD Tons Processed (Quarterly 2013- Present)									
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1
Tons through MRF	24144.16	25814.06	25626.49	24704.8	25978.42	30186.04	29189.28	27233.6	
Tons MSW	16157.8	15315.15	15620.9	12160.65	14086.63	18367.68	17529.61	16350.2	
Tons source separated GW	3312.17	4207.57	3186.04	3800.29	2970.94	4467.73	3385.05	4159.87	
Tons C&D	3390.26	2187.19	2533.15	2191.8	2271.91	4538.25	3749.84	2032.56	

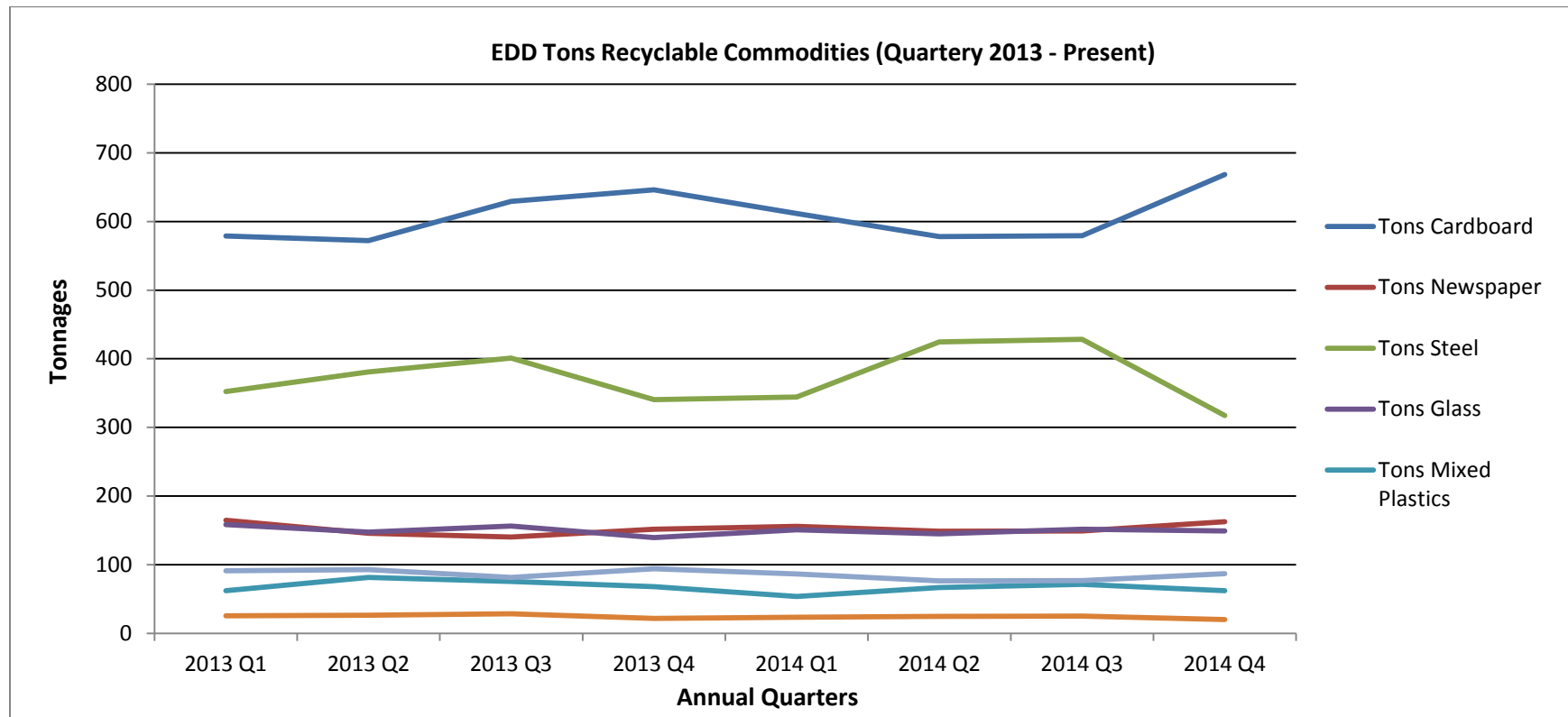




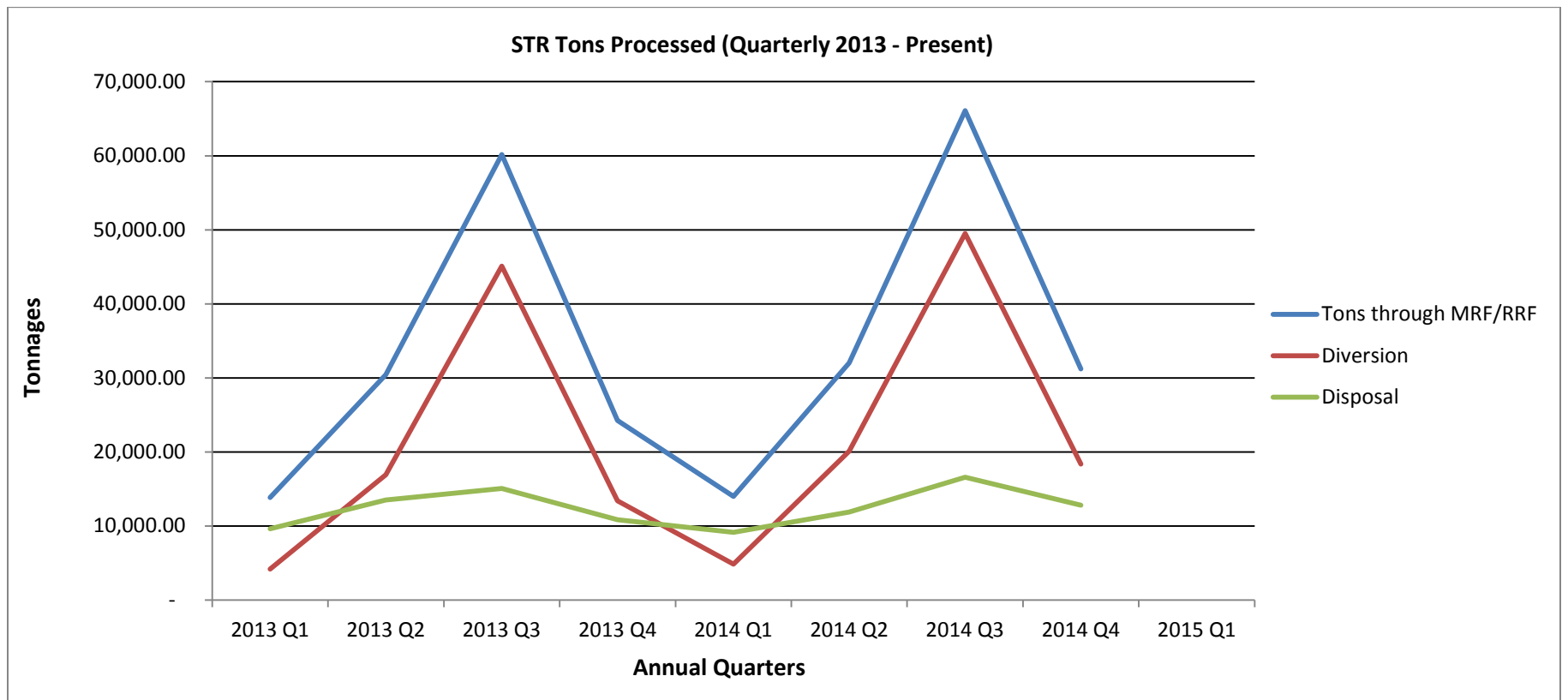
EDD % Recovery (Quarterly 2013- Present)									
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1
Overall % recovery	71.18	75.87	84.46	90.27	67.57	70.54	63.95	67.30	
Creditable % recovery for MSW	14.79	16.07	22.08	22.17	21.17	17.89	19.52	22.39	
Creditable % recovery for C&D	57.28	89.28	62.11	68.10	46.40	52.66	44.42	44.81	



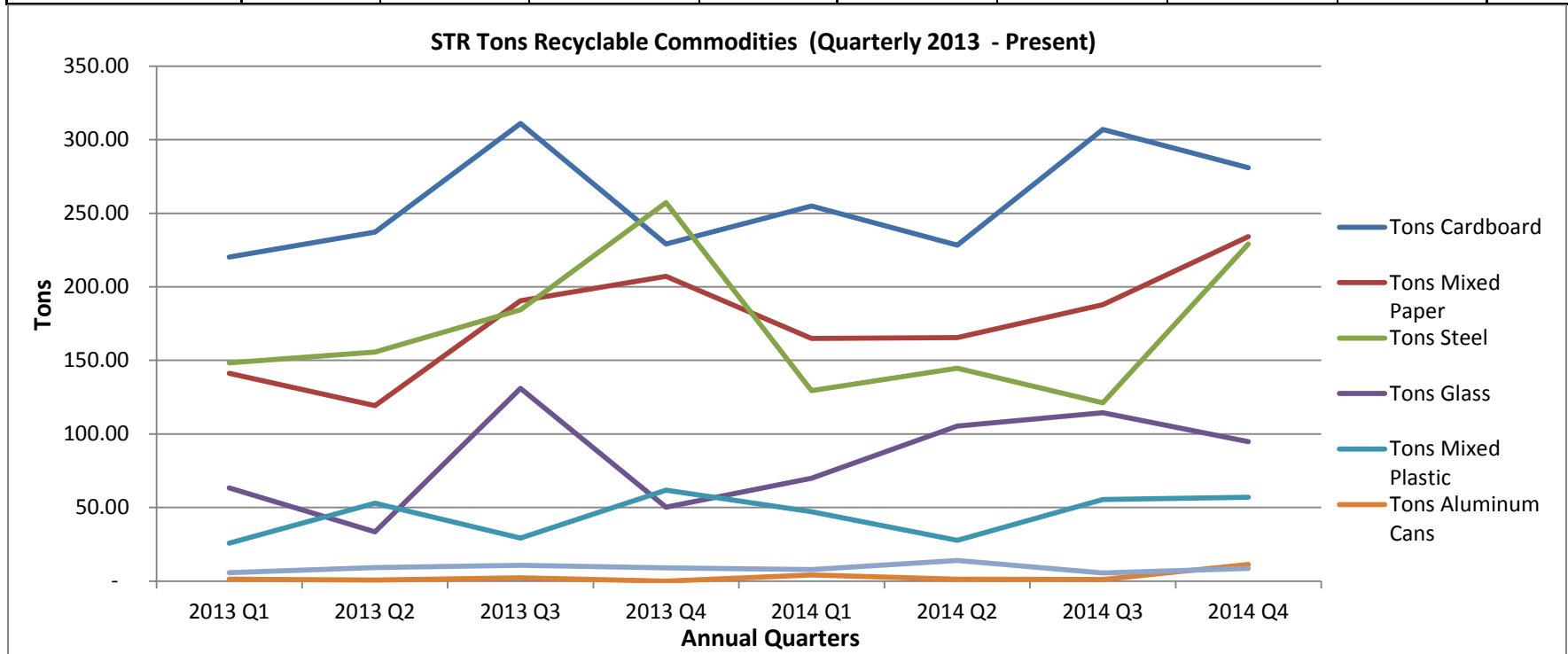
EDD Tons Recyclable Commodities (Quarterly 2013 - Present)									
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1
Tons Cardboard	578.88	572.35	629.33	646	611.5	578.01	579.34	668.3	
Tons Newspaper	164.78	145.99	140.28	151.5	156.07	148.93	149.01	162.76	
Tons Steel	352.36	380.87	401	340.65	344.08	424.57	428.22	317.49	
Tons Glass	158.59	147.28	156.17	139.33	150.94	145.14	151.72	149.24	
Tons Mixed Plastics	62.11	81.55	75.63	67.84	53.55	66.77	71.47	61.95	
Tons Aluminum Cans	25.66	26.34	28.52	21.68	23.36	24.74	25.31	20.15	
Tons E-waste	90.98	92.73	81.63	93.99	86.56	76.45	76.71	87.1	



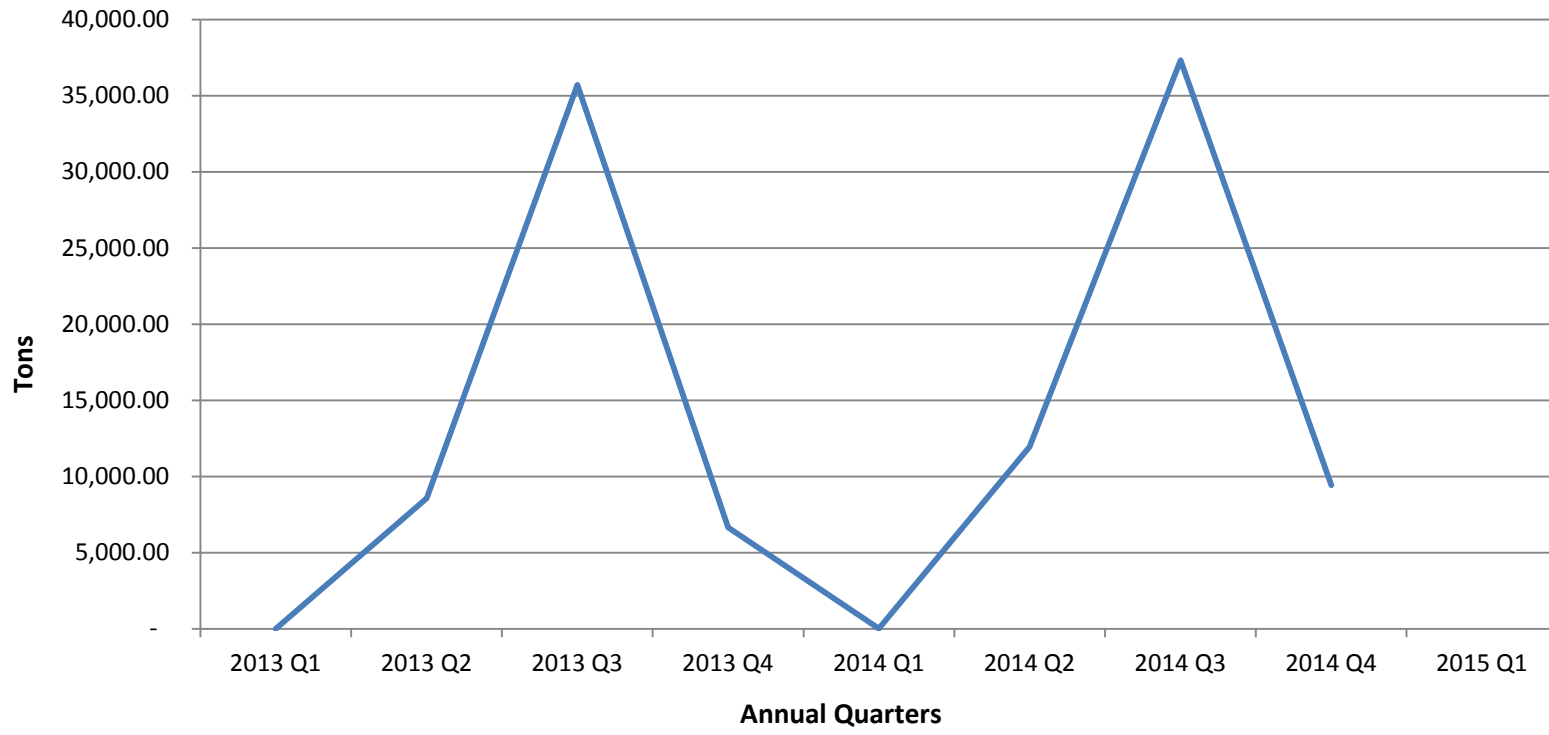
STR Tons Processed Quarterly (2013-Present)									
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1
<b>Tons through MRF/RRF</b>	13,848.00	30,441.40	60,170.80	24,258.70	13,981.60	32,021.20	66,087.70	31,201.70	
<b>Diversion</b>	4,201.70	16,933.00	45,105.00	13,416.90	4,840.30	20,123.20	49,504.50	18,372.60	
<b>Disposal</b>	9,646.30	13,508.40	15,065.80	10,841.80	9,141.30	11,898.00	16,583.20	12,829.10	



STR Tons Recyclable Commodities (Quarterly 2013 - Present)									
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1
Tons Cardboard	220.20	237.20	311.00	229.20	254.90	228.30	307.10	281.00	
Tons Mixed Paper	141.20	119.30	190.50	207.10	164.90	165.50	187.90	234.10	
Tons Steel	148.30	155.60	184.40	257.20	129.50	144.70	121.10	229.10	
Tons Glass	63.30	33.50	131.00	50.20	69.90	105.40	114.50	94.80	
Tons Mixed Plastic	25.70	52.90	29.20	61.80	47.20	27.60	55.50	56.90	
Tons Aluminum Cans	1.30	0.70	2.20	-	4.20	1.30	1.00	11.30	
Tons E-waste	5.74	9.10	10.64	9.00	7.88	13.95	5.57	8.54	
Tons C&D	-	8,571.70	35,720.00	6,650.60	19.30	11,958.20	37,339.40	9,435.60	



**STR Tons C&D (Quarterly 2013 - Present)**



# El Dorado Disposal Proposed

Update as of March 1, 2015

Program Name	Strategy #	Status
<b>Residential Carts (Multiple Strategy Items from SWMP)</b>		
Use Greater Pay-As-You-Throw (PAYT) Pricing Programs		
Expand Use of Curbside Recycling Programs		
Expand Residential Cart System (Includes Green Waste)		
Additional MRF Voucher for Green Waste		
Curbside Voucher for HHW (paint and fluorescent light bulbs)		
Home composting programs		
<b>Total</b>		
<b>Expanded Commercial Recycling Program</b>		
Multi-family residential recycling (35 specific identified multi-family w/o current recycling)		
MRF Vouchers for Multi-family complexes		
Conduct Business and Multi-family waste audits (conducted by Recycling Specialist)		
Designated Recycling Specialist to work with schools, businesses, multi family and contractors		
Enhanced commercial recycling for businesses under State threshold		
Expand/enhance school programs		
Expand/enhance recycling at all public facilities		
<b>Total</b>		
Commercial Food Waste Program		
Pilot Commercial Food Waste Program - no additional cost to customers		
<b>Total</b>		
<b>Additional Community Clean Up Events</b>		
No additional cost for program enhancement		
Reduced rates for Green Waste Drop Boxes		
No additional cost for program enhancement		
Litter/Illegal Disposal Abatement		
Rebuild MRF/TS		
Rebuild the buildings, everything under roof to comply with newly adopted storm water regulations		
Provide for additional HHW capacity through hours/facility		
Expand/improve C&D and Commercial Sorting Capability (Includes Expanded C&D Ordinance)		
Grind Wood Waste on Site		
Crush Asphalt and Concrete on Site		
Install a Public Education Center		
Free Tipping for County Litter Program		
Partner with Retailers (ex. Battery take back at point of sale)		
<b>Total</b>		
Alternative Locations for Green Waste Processing and Composting		
Mobile Chipping Program		

# Waste Connections

	EDCO	PV	EDH	CP	AELDO	UNFRAN	Total
Commercial accounts	811	383	125	211	56	43	1629
Multi family	23	26	6	59	0	x	114
Multi family not in compliance	5	2	0	17	0	x	24
Accounts meeting the criteria for AB341	209	122	84	120	3	35	573
All accounts in compliance with AB341	187	113	81	99	3	34	517
Accounts <i>not</i> in compliance with AB341	22	9	3	21	0	1	56
Accounts under the threshold of AB341	602	261	41	91	53	8	1056
Accounts that fall under the threshold of AB341 that do <i>not</i> Recycle	256	132	10	30	47	6	481
Accounts that fall under the threshold of AB341 that do Recycle	346	129	31	61	6	2	575
Unfranchised = all schools 43							
Accounts and 8 of them are not currently recycling	22	5	8	2	6		
updated 03-01-2015 mb	833	388	133	213	62		

**Updated as of 3/1/2015**

## **Cart Rollout Timeline – El Dorado County**

**December-January:** Carts ordered estimated arrival date of 3/6/2015

*Update: We have received three loads of carts through 3/1, ~2,000 carts*

**January:** Vouchers created with County approval – in progress, will be mailed out mid February

*Update: Vouchers have been mailed as of 3/1/2015*

**January-February:** Develop publicity campaign to include mailers for residential cart program with County staff – in progress

*Update: Cover letters sent to all County customers along with their vouchers, working on new website design to include new cart program information, completed the design for the first phase of the cart roll out print materials-currently at the printer*

**February:** Vouchers and Calendars mailed to all residents – done

**February:** Find location for cart storage

*Update: Being staged behind the cart warehouse with cover provided*

**February:** Determine staging locations for cart delivery by geography

*Update: Community Center behind bowling alley in Pollock Pines, Latter Day Saints Church on Green Valley, Foothill Methodist Church in Cameron Park, Discovery Hills Church on Shingle Springs Drive, Rescue Community Center in Rescue, the mill site in Camino, dirt lot near the Holiday Market in Pleasant Valley*

**February:** Determine logistics for delivery, i.e. by route, how many carts per day to deliver, roll out schedule and timeline

*Update: Two teams Monday through Friday and one to two teams on Saturday. First phase is focused on 32 gallon and 45 gallon can customers who don't have carts currently, will be distributed by route area*

**March:** Mailers and other outreach go out to residential customers for cart selection

*Update: At printer*

**April:** Cart assembly and preparation for delivery

**May-June:** Carts delivered to all residents

**June:** Cart services begin



2015  
EDSWAC Update Report

PARIS Code	Description	Prior Period January/February Update	Result	Future Period March April Update
1000	Grasscycling			Reach out to golf courses and schools to see who is grasscycling and notate the acres or yards so we can calculate data and list organizations in the county currently grasscycling.
1010	Backyard & On-Site Composting	Sending out a survey to county customers researching who is currently composting. Composting information will be on the website by February. Emailing all current customers who might be interested in composting information.		Analyze results regarding composting survey. Download survey results on website. Create educational material for customers.
1020	Business Waste Reduction			Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.
1030	Procurement			Make sure each internal department is recycling to full potential. Renewed focus on purchasing recycle content materials. Share with local jurisdictions.
1050	Government Source Reduction			Discuss with each municipality their reduction, reuse and recycling programs.

1060	Material Exch/Thrift Shops	Stationed at the MRF we have a security box for gently used items where we donate items for the Partner's in Care Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long).		On going program.
2000	Residential Curbside	Working on group area reroute to go curbside. Putting together a customer service communication strategy for cart roll outs in the county. All new start customers were given option of 35 gallon trash carts beginning October in the county.		March communication regarding new program will be sent. 35 gallon trash carts will be delivered and 64 gallon recycle carts to customers that do not recycle. Yard waste carts will be available also.
2010	Residential Drop-Off	Free customer drop off for the following commodities daily: OCC, newsprint, metal, plastic, rigid plastic. Each buy back center is available for drop off of these materials along with the MRF.	January <u>97.25</u> tons collected. February <u>76.73</u> tons collected.	On going program.
2020	Buyback Centers	Collecting fluorescent tubes and batteries now at recycling centers and MRF.	January received <u>420</u> feet of tubes and <u>530</u> pounds of batteries. February <u>380</u> feet of tubes and <u>423</u> pounds of batteries received.	On going program.
2030	Commercial On-Site Pickup			
2040	Commercial Self-Haul			

2050	School Recycling			Working on a school recycling competition program with two elementary schools in the Placerville District for the 2015/2016 school year. Working on adding some schools to our Food waste program.
2060	Government Recycling			Will work directly with county on implementing recycling carts in lobbies of government buildings.
2070	Special Collection Seasonal			April 11th Logtown drop off boxes for spring clean up. April 18th Cameron Park spring clean up. April 25th Camino spring clean up.
2080	Special Events	EDH Christmas tree chipping program had 9-50 yard boxes of chips dumped at the EDHCSD site. Boxes averaged .12 tons each. Free Christmas tree drop off at MRF till January 17th.		April 24th, 25th and 26th will have a booth at the Home and Garden show. Will be educating on composting and recycling.
2090	Other Business Recycling			

<b>3000</b>	<b>Residential Curbside GW</b>			Working on the outreach communication, timeline for cart delivery in the county for green waste program. Vouchers created for new green waste program specific to the new county contract.
<b>3010</b>	<b>Residential Self-Haul GW</b>	FSC Grant program implemented in the county.		Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.
<b>3020</b>	<b>Residential Onsite GW Pickup</b>			Green Waste curbside removal will be April
<b>3040</b>	<b>Food Waste</b>	January 19th roll out date for food waste program. Load assessment of food waste to be conducted in January. Reaching out to acquire more participation from restaurants.		Currently working on adding 3 schools to the program. We currently have 6 customers on board.
<b>3060</b>	<b>Government Composting</b>			
<b>3070</b>	<b>Other Composting</b>			
<b>4010</b>	<b>Sludge</b>	January 141.37 tons and February 101.47 tons from City of Placerville. Red Hawk sludge removal for January was 33.7 tons and February 16.77 tons.		On going removal.
<b>4020</b>	<b>Tires</b>	January <u>0</u> tons were shipped out, February <u>16.27</u> tons shipped out.		On going removal.
<b>4030</b>	<b>White Goods</b>	January <u>194</u> appliances were received. February <u>154</u> appliances were received.		On going removal.
<b>4040</b>	<b>Scrap Metals</b>	January <u>104.57</u> tons were recovered and shipped out. February <u>108.36</u> tons were recovered and shipped out.		On going removal.
<b>4050</b>	<b>Mixed Wood</b>	January <u>263.96</u> tons were recovered and shipped out. February <u>242.78</u> tons were recovered and shipped out.		On going removal.

4060	Asphalt/Concrete Mixed	January/February shipped out <u>0</u> tons of Asphalt shingles to Sierra Waste Transportation		On going removal.
4090	Rendering/Grease			
5000	Electronic	CEAR picked up <u>32.03</u> tons in January and <u>25.24</u> tons in February.		On going program
5010	Print			Printing survey, vouchers, calendars and new cart rollout educational material which will be mailed in March.
5020	Outreach	One Person's Trash Winter Edition Newsletter sent with 26,000 Mt. Democrat Newspapers, focusing on educating public on recycling information.		
5030	Schools (education and curriculum)			Educating students on recycling and composting. Teaching children recycle art, showing Recycle Rex video. Demomstrating the garden process and worm composting bin.
6010	Economic Incentives			
6020	Ordinances			
6030	Other Policy Incentive			
7000	MRFs			
7010	Landfill Diversion			
7020	Transfer Station Diversion			
7030	Compost Facility	Compost bin thriving.		Compost survey sent out to county customers.
7040	ADC			



Food Waste Recycling Route collection at Sierra House, Bijou and Magnet Environmental schools continues. Tahoe Valley Elementary School will kick off its food waste recycling program with student assemblies on March 10, 2015, with STR staff providing training and resources. South Tahoe High School culinary program started their food waste recycling program on January 7, 2015. There is no charge to the schools for their food waste and blue bag recycling programs. Participating schools have reduced their garbage bills by over 65%.

#### Mandatory Commercial Recycling (MCR)

- Multi-Family Unit Complexes – letter and informational flyer sent to all complex owners in June 2014, cases of blue bags and laminated cards being provided upon request, SLT City staff follows up with apartment complex managers. Additional information will be mailed before June 2015.
- Commercial business recycling occurs through the Material Recovery Facility (MRF), informational flyer provided to new businesses and is available on the STR website. Information will be mailed to all businesses by June, 2015.
- Waste characterization audit for Heavenly Resort scheduled for March 19 and 25.
- Informational flyer and letter mailed to ARD businesses June 2014, now consolidated with El Dorado County business mailing list.
- No Multi-Family Units in ARD service area
- Consolidation of ARD under STR franchise was approved by the Board of Supervisors in December 2014.

Recycling rate for service area 65% for 2014.

School recycling video by Tahoe Valley 5<sup>th</sup> grade students is complete and up on the STR website. It is available for viewing at the schools and various websites can link to the STR site.

South Lake Tahoe Earth Day will be held on April 25, 2015, at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies.



Franchise extension approved by the Board of Supervisors in December 2014.

Residential Blue Bag Recycling will transition to cart system by 2016.

One (1) bulk item curbside pickup per residential customer per year, plus one (1) annual curbside e-waste pickup and unlimited battery and fluorescent tube curbside residential pickup, effective January 2015.

#### Commercial Commingled Recycling Route for MCR

- All applicable business in compliance
- No applicable apartment complexes

2015 Community Cleanup event **May 9, 2015, 9 am to noon, Lotus Park**, open to residents of the Sierra Disposal Service area.

Recycling services donated to American River Music Festival, September 2014.

School Programs – 675 yards recycled in 2014 through Black Oak Mine Unified School District 12 schools



# EL DORADO COUNTY SOLID WASTE ADVISORY COMMITTEE (EDSWAC) PUBLIC MEETING AGENDA

May 11, 2015 2:30 p.m.

2850 Fairlane Court, Conference Room 248, Placerville, CA  
City of South Lake Tahoe, 1052 Tata Lane, South Lake Tahoe, CA

## EDSWAC Responsibility

To assist and advise the agencies responsible for developing and implementing solid and hazardous waste management plans and to aid in ensuring that the County adequately plans for meeting future solid waste handling and disposal needs.

## EDSWAC Members

1. District 1: Don Nizolek, Vice Chair
2. District 2: George Turnboo
3. District 3: Dickson Schwarzbach, Chair
4. District 4: Nancy Spinella
5. District 5: David Kelly
6. City of Placerville: Pierre Rivas, Lynne Hunter
7. City of South Lake Tahoe: Ray Jarvis, Hillary Roverud
8. Cameron Park CSD: Mary Cahill, Paul Ryan
9. El Dorado Hills CSD: Brent Dennis, Kevin Loewen
10. STR/SDS: Jeanne Lear, John Tillman
11. EDD/AD/WCNX: Jeff England, Debi Harlow

## VOTING

Requires a motion and second according to Robert's Rules of Order.

A quorum for voting consists of 50% of members plus one.

Only formal members may vote on issues.

## 1. Call to Order

## 2. Approval of Agenda

## 3. Approval of Minutes: October 9, 2014 and January 12, 2015

## 4. Old Business

- a. C & D Update

## 5. New Business

- a. Format of Meeting Minutes  
*Recommended Action:* Review and discuss format for meeting minutes. Action as appropriate.
- b. Meeting Frequency  
*Recommended Action:* Review current ByLaws, Resolution #267-92 and Public Resource Code section 40950. Action as appropriate.
- c. Meeting Attendance  
*Recommended Action:* Review meeting attendance for 2014 and 2015 year-to-date. Action as appropriate.

## 6. Agency / Jurisdiction Reports

- a. County of El Dorado
  - i. Staff Reports
    1. Keep American Clean Grant
    2. Recycling Subcommittee update
    3. Response to EDSWAC questions:
      - a. Posting of Audio Meeting Minutes
      - b. Five (5) Year IWMP
  - ii. Update on Solid Waste Franchise Agreements
  - iii. Solid Waste Management Plan Update
  - iv. Meeting AB 939 / AB 341 Goals / SB1016 Graph
  - v. Legislative / Regulatory Update

- b. South Lake Tahoe Refuse / Sierra Disposal Service
- c. City of South Lake Tahoe
- d. El Dorado Disposal / Waste Connections / Amador
- e. City of Placerville
- f. Cameron Park Community Services District
- g. El Dorado Hills Community Services District

**7. Open Forum / Public Comments**

**8. Action Items for Next Meeting**

**9. Adjournment**

**NEXT MEETING:** July 13, 2015

**EDSWAC Operation Guidelines:**

1. Use data to monitor the status of existing diversion practices/strategies and to identify and recommend the next best steps to further increase diversion up to 75%. Data to be used in this process would include: **a.** Strategies identified in the Solid Waste Management Plan **b.** Annual Source Reduction Report organized by Paris codes **c.** Construction and demolition (C&D) diversion for appropriate building permits and percentage of C&D tons diverted. **d.** Quarterly jurisdiction reports on diversion.
2. Identify opportunities and strategies for increasing public participation/education about reducing, reusing, recycling and recovering materials to reduce the waste stream entering material recovery facilities.
3. Seek out and review strategies for waste diversion used successfully by other jurisdictions.



**EL DORADO COUNTY  
SOLID WASTE ADVISORY COMMITTEE  
PUBLIC MEETING MINUTES  
May 11, 2015**

LOCATION: 2850 Fairlane Court, Placerville

MEMBERS PRESENT: Dickson Schwarzbach, Chair  
Don Nizolek, Vice-Chair  
Jeff England, El Dorado Disposal  
Jeanne Lear, South Tahoe Refuse  
Mary Cahill, Cameron Park CSD  
Nancy Spinella, County Representative  
George Turnboo, County Representative  
Pierre Rivas, City of Placerville

COUNTY STAFF: Greg Stanton, EMD Deputy Director  
Barbara Houghton, Environmental Health Manager  
Amy Velasco, Environmental Health Specialist  
Shaneen May, Administrative Technician

MEMBERS ABSENT: Ray Jarvis, City of South Lake Tahoe  
David Kelly, County Representative  
Kevin Loewen, El Dorado Hills CSD

OTHER PRESENT: Laurel Stroud, County Resident  
Cheryl Bly-Chester, Rosewood Environmental Engineering

**1. Call to Order**

Meeting called to order at 2:34 p.m. by Chair Dickson Schwarzbach

**2. Approval of Agenda**

Motion made by Jeanne Lear to approve Agenda, Seconded by Dickson Schwarzbach. Motion approved. In Favor = 7. Oppose = 0. (*Mary Cahill not yet present*)

**3. Approval of Minutes**

**October 9, 2014:** Discussion: Stanton apologizes for confusion of minutes of last few EDSWAC meetings. 10/9/14 Minutes were approved at 3/9/15 meeting, however, subsequent to 3/9/15 meeting it was determined that we did not have a quorum as one of our members had not been re-appointed by the BOS. We have provided Notes (formal actions = VOID) of the 3/9/15 meeting.

Discussion: Nizolek discusses his concerns with the minutes of 10/9/14 being revised after distribution to the Committee – then approved at the 3/9/15 meeting (later determined to be VOID). Stanton: Minutes before the Committee today are the original set – no revisions. Nizolek moves that we follow the format of meeting minutes provided prior to the 10/9/14 meeting until ByLaws can be amended. (Motion tabled – to be address under Agenda Item 5.a.)

Nizolek states that the BOS's format is designed for "action" and the Advisory committee is designed for "information". He states that he knows the Committee is not to give EMD staff dictation nor negotiate – they are advisors. Dickson concurs that she would like more detail in the minutes. Shaneen May apologizes for the lack of information in the 10/9/14 minutes and states that the minutes reflected "unrelated discussion" as the meeting was a "special" meeting to address the EDD Franchise Agreement only.

**Dickson Schwarzbach moved to approve the Minutes of October 9, 2014, Seconded by Nancy Spinella. Motion approved.**

**In Favor = 6 Nancy Spinella, Jeanne Lear, Mary Cahill, Jeff England, Dickson Schwarzbach and Pierre Rivas.**

**Oppose = 2 Don Nizolek and George Turnboo.**

Further Discussion: Turnboo expresses concern about bunker oil tanks on adjacent property to EDD MRF, built on holding ponds. He has environmental concerns if grading occurs. He believes there is contamination on the site. Schwarzbach explains that the monitoring of construction of the new MRF will be a County responsibility, not EDSWAC.

**January 12, 2015:** Dickson Schwarzbach moved to approve the Minutes of January 12, 2015, Seconded by Nancy Spinella. **Motion approved. In Favor = 8. Oppose = 0.**

#### **4. Old Business**

- a. **C & D Update:** Velasco reports that EMD received approval from the BOS to amend the Ordinance and submit to County Counsel for review. Spinella states she felt the review of the Ordinance was a very long process the last time it was sent to County Counsel. Velasco states that County Counsel is expecting the document review. Nizolek questions BOS Policy A3 procedure – Did we not follow this procedure originally? Stanton explains that the ordinance provision was a policy but not a practice until October, 2014 wherein the Board addressed the issue.

Nizolek : How are we going to document the progress? Velasco explains the County will be using the guidelines provided by CalGreen. There was further discussion of ordinance accountability.

#### **5. New Business**

- a. **Format of meeting minutes**

Recommended Action: Review and discuss format for meeting minutes. Action as appropriate.

Discussion: Stanton states the 3/9/15 meeting minutes is what EMD would like to use as a template for future meeting minutes. Schwarzbach states she prefers the level of detail used in minutes prior to the 10/9/14 meeting. She suggests that members summarize their comments for inclusion. Stanton and Schwarzbach discuss that agency reports may be included as attachments, but not recommended to attach further notes to already existing minutes. Cahill feels the minutes should not be very detailed – just summarizing. She believes the "action" is important, audio tapes of the meetings are available. Cahill – details are in tapes, memorialize actions and if not prepared to make a motion – back to report and return to committee. Spinella prefers the more detailed minutes and agrees with Schwarzbach that Committee Members should provide condensed/succinct statements. Cahill suggests that Committee Members may submit information to EMD staff in advance to be included on the Agenda.

Nizolek's motion under Agenda Item 3 is restated, Turnboo second. Schwarzbach would like to amend to add: "If a member would like to add detail on an item, then it should be set out in advance to go out with next meeting agenda, and that members are encouraged to provide succinct comments, and that EDSWAC should summarize discussion to make it easier to develop the minutes. Cahill adds that

she would like to really consider looking at the format of one of the two 10/9/14 minutes. (In contrast to Nizolek motion).

**Public Comment:** Cheryl Bly-Chester – public participation is encouraged in the EDSWAC Charter. When formatting the minutes keep in mind that you are trying to encourage public participation. Duty of Advisory Board is to advise the Board of Supervisors so dissenting comments should be related to the Supervisors and included in the minutes.

Nizolek: Motion is to follow the format of meeting minutes prior to the 10/9/14 meeting minutes that caused the controversy until such time as the EDSWAC Bylaws can be updated with specific criteria as to what needs to be in the meeting minutes. Turnboo second. **Motion approved. In Favor = 6: Schwarzbach, Spinella, Nizolek, Lear, England and Turnboo. Oppose = 2: Cahill and Rivas.** Rivas is more in favor of using the 10/9/14 minutes as a model. Lear reiterates that this issue will be addressed again in the future. Stanton: staff's understanding is to revert back to the format used prior to September, 2014 until such time as the ByLaws can be reviewed.

#### b. Meeting Frequency

Recommended Action: Review current ByLaws, Resolution #267-92 and Public Resource Code section 40950. Action as appropriate.

Discussion: Stanton reminds the Committee of previous discussion regarding meeting frequency wherein Committee requested staff to bring back recommended action on meeting frequency. Stanton reviewed pertinent documents with EDSWAC that reflect the range of which the committee could meet. ByLaws only state that Committee meets every other month. Pursuant to passage of AB939 back in 1989 and legislation that followed regarding the development of our task force, the committee is required to meet a minimum of once every 5 years. Intent was to coincide with the County Integrated Waste Management Plan (IWMP) review and update. Cahill states she would like the flexibility of 3 meetings a year. Spinella states quarterly meetings are good. Lear states that meetings should be scheduled at least 45 days after each quarter to coincide with reporting due dates. England supports quarterly. Nizolek would like to see a flexible schedule with a minimum of meetings. Nizolek thinks there are a couple of things missing or lacking ie. Solid Waste Management Plan (SWMP) – we haven't implemented the action plan. Wants to concentrate on items to be advisors to move the implementation plan along. We have the 5 year annual review and 5 year CIWMP. SWMP calls for its review to be at the same time (page 3 of Action Plan). Need to follow thru on goals of Franchise Agreements and completion of MRF. How can we get the information presentable without a meeting? Cahill clarifies that Nizolek is suggesting sub-committee meetings and a minimum of 3 or 4 required meetings. Stanton reports that the SWMP is listed on each EDSWAC Agenda and a spreadsheet of updates are routinely provided. Stanton recommends that the strategy spreadsheet be presented at next meeting. Schwarzbach shares her concern that less frequency of meetings may not allow for the momentum to get things done. If changed to quarterly she recommends more sub-committee work.

**Public Comment:** Laurel Stroud warns that less frequent meetings runs the risk of marginalizing yourself - the committee would no longer be a priority to its members. Turnboo thinks we should leave the schedule as is.

Turnboo moves to leave the schedule as every other month. Schwarzbach second. **Motion approved. In Favor = 5: Turnboo, Schwarzbach, Spinella, Nizolek and Lear. Oppose = 3: Cahill, England and Rivas.**

#### c. Meeting Attendance

Recommended Action: Review meeting attendance for 2014 and 2015 year to date. Action as appropriate.

Discussion: Stanton notes that we had two (2) meetings in 2014 cancelled due to lack of a quorum. Schwarzbach states that we have had long term issues with City of South Lake Tahoe representation. Lear spoke with Mr. Jarvis last week and requested he look into the possibility of naming a different staff member as the representative. Lear suggests that we thank Mr. Kelly (District 5 Representative) for his

services and appoint a new representative. Stanton states that EMD staff would like to reach out to the District 5 Supervisor prior to any formal action from EDSWAC.

Schwarzbach moves to request EMD to contact District 5 Supervisor seeking a replacement. Lear second. **Motion approved. In Favor = 8: Schwarzbach, Nizolek, Spinella, Turnboo, Lear, England, Cahill and Rivas. Oppose = 0.**

Turnboo asks if the ByLaws state there should be an alternate? Answer: The Bylaws do not indicate alternates for Supervisor representatives.

## 6. Agency / Jurisdiction Report

### a. County of El Dorado

- i. **Staff Reports:**
  1. Keep America Beautiful Grant – Velasco reports unfortunately we were not selected. Only 31 recipients from over 300 applicants.
  2. Recycling Subcommittee update – Velasco reports progress made and shares “Recycling Logo”. Hoping to use the logo throughout the County. EMD and CDA Director Pedretti have approved the logo. Looking for funding. Amy to follow-up with sub-committee.
  3. Response to EDSWAC questions:
    - a. Posting of Audio Meeting Minutes. Stanton reports yes, we have the ability to post audio minutes. Spinella suggests having a sunset date for availability. Cahill thinks should just advise that audio is available if requested. Schwarzbach states that the Minutes contain enough detail for members of the public she doesn’t see need to post the audio. EMD shall note on the Minutes that audio recordings are available.
    - b. Five (5) Year IWMP. Velasco reports that the update is due November, 2015. EMD will provide a draft to members as soon as possible for review prior to our July meeting. Nizolek discusses the timeline and requests copies of the annual PARIS reports from 2008 to present. Nizolek also requests a graph of baseline of pounds per person and also % diversion in order to follow progress since last 5 year update. He feels the discussion will be whether or not the plans need to be revised – he does not believe so – thinks we want updating as opposed to revision.
- ii. **Update on Solid Waste Franchise Agreement:** Stanton reports that there are only 2 agreements not ratified: Amador Disposal and Tahoe Truckee Sierra Disposal Service. Waste Connections has requested that Amador Disposal be merged with El Dorado Disposal. EMD taking that request to BOS in June. Hope to have the Franchise Agreement for Amador Disposal and TTSD before the BOS in July. Nizolek – is EDSWAC going to review the Agreements prior to BOS approval? Stanton explains that if the BOS approves the merger of Amador Disposal there will not be a new Agreement – ADS will be included in the EDD Franchise Agreement, with certain sections being slightly different. TTSD only has 800+ customers. EMD will share the TTSD Franchise Agreement with EDSWAC via email. Stanton shares that the STR Franchise Agreement from 2012 incorporated a standardized rate setting Policy and Procedures Manual which was carried over to the West Slope. The contract template from EDD is now being used for all contracts. TTSD and EDD will be very similar with certain sections not being applicable to TTSD.
- iii. **SWMP Update:** Nizolek states Action Plan, page 3 states “SWMP committee further recommends that the plan in this action plan be reviewed at least once

every 5 years by the EDSWAC and County staff and that adjustments to the action plan strategies be made as necessary to accommodate the changing economy.... This comprehensive five year review of this plan should be scheduled to coincide with the five year comprehensive review of the IWMP as required by AB 939.” He interprets this to state that we should be doing SWMP update at same time of IWMP. Stanton agrees – this is correct.

iv. **Meeting AB 939 / AB 341 Goals / SB1016 Graph:**

v. **Legislative / Regulatory Update:** Stanton attended the ESJPA on March 19, 2015. Currently tracking approx. 55 solid waste bills, seven (7) of which are being watched closely: AB45 HHW curbside collection; AB864 Solid Waste Facility and Temporary Permits – not likely to succeed; AB901 Solid Waste changes to report – does not impact local jurisdiction; AB1045 Composting Facilities and Streamlining; AB1103 Organics (clean-up to AB1826); SB162 Treated Wood Waste and the Solid Waste Disposal Fee – proposal to increase fees above set fee of \$1.40/ton.

- b. **South Lake Tahoe Refuse / Sierra Disposal Service:** See Report. Lear thanks Velasco for her efforts on the new reporting spreadsheet. Lear cautions that quarterly reports in a seasonal area will fluctuate. She intends to provide separate reports for STR and SDS. New benefits are now listed on their website. SDS will be rolling out blue recycling totes by 2016.
- c. **City of South Lake Tahoe:** Not present.
- d. **El Dorado Disposal / Waste Connections / Amador:** See Report. England reports that the mandatory cart roll-out is on schedule - next phase is Group Areas, reaction has been very positive. “Pay as you throw” starts on July 1. They entered into contract with US Again – a textile company that collects clothing and shoes – there are boxes located at the MRF and the buy-back centers. Picking up paint and tubes curbside. Green waste has been added as a bulky item. Very busy Spring with roll-off boxes and green waste activity. Food Waste – Nugget and Fork Lift joining, Walmart involved and the Sheriff’s kitchen will be back on line shortly. Spring Clean-ups have gone well – Placerville scheduled in June.
- e. **City of Placerville:** Rivas reports that CalRecycle will be conducting the City inspection on May 13, 2015 to review office recycling. EDD has blue recycling cans for the City.
- f. **Cameron Park Community Services District:** Cahill reports that she looks forward to doing a review of the ByLaws in the near future.
- g. **El Dorado Hills Community Services District:** Not present.

7. **Open Forum / Public Comments:** Schwarzbach has heard that the BOS is presently reviewing all committees. Stanton confirms and reports that EDSWAC is legislatively driven and has a solid foundation for its purpose.

Cheryl Bly-Chester: As to discussion of accountability on construction site projects – EIR on CEQA documents – sometimes the mitigation measures can require construction site reporting and reports generally go to Environmental Management, and so you might say that if that is required on one of these sites and daily reports go to sites that summarizes those, especially if anything happens, that are relevant to EDSWAC that those things be reported to you.

Stanton shares that Amy Velasco has been promoted to Supervising Environmental Health Specialist in the Solid Waste Program. Shaneen May is leaving EMD.

Velasco reports that EMD received approval of \$26,000 for the TEA 22 Grant – CalRecycle regulations/inspections for waste tires. El Dorado County has 144 waste tire generators. Update on Tire Amnesty Grant – Recipients will be notified in June, 2015.

8. **Action Items for Next Meeting:**

- a. EMD to provide diversion/disposal graphs.
- b. EMD to provide draft of IWMP 5-year review.

c. EMD to follow-up with District 5 EDSWAC representation.

**9. Adjournment:** Meeting adjourned at 4:40 p.m. by Chair Dickson Schwarzbach.

APPROVED:

\_\_\_\_\_  
Catherine Dickson Schwarzbach, Chair

\_\_\_\_\_  
Date



## EL DORADO COUNTY SOLID WASTE ADVISORY COMMITTEE (EDSWAC) COMMITTEE BY-LAWS

### I. REGULATORY PRECEDENT

The El Dorado County Waste Management Task Force was established in 1992 pursuant to the requirements specified in Assembly Bill (AB) 939, The California Integrated Waste Management Act. The Waste Management Task Force name was changed to the El Dorado County Solid Waste Advisory Committee (EDSWAC) in 2006.

### II. GOALS & OBJECTIVES

The El Dorado County Solid Waste Advisory Committee was established in accordance with Public Resource Code section 40950 and 14 California Code of Regulations 18760 et seq. by Resolution Number 267-92 of the Board of Supervisors of El Dorado County on September 15, 1992. Specific goals and objectives of the EDSWAC are delineated in the Resolution as follows:

1. Develop goals, policies and procedures which guide the development, revising and updating of the County's Source Reduction and Recycling Elements, Household Hazardous Waste Elements, Siting Element, and Integrated Waste Management Plan; and Non-Disposal Facility Element (NDFE).
2. Provide review and comment on the scope of work and schedule of city or county proposals and contracts affecting county-wide waste management;
3. Determine the need for solid and hazardous waste systems, facilities, programs and marketing strategies emphasizing regional participation as appropriate;
4. Facilitate the development of multi-jurisdictional arrangements for marketing of materials;
5. Provide review and comment on the establishment of new or expanded solid and hazardous waste management facilities within the County;
6. Assist responsible agencies in developing and reviewing solid and hazardous waste management planning documents;
7. Assist in facilitating resolution of conflicts and inconsistencies in plans and programs;
8. On or before the third anniversary of Board approval, review and submit comments on the adequacy of the Countywide Integrated Waste Management Plan (CIWMP) to meet the goals of AB 939; (To meet the goals of AB 939, every 5 years the CIWMP must be reviewed and adequacy comments submitted to CIWMB; Public Resource Code section 40950 calls for the convening of a task force at least every 5 years starting in the year 2000.)
9. Provide technical guidance and information; and

10. Monitor and evaluate the planning and effectiveness of specific programs implemented to meet the defined solid and hazardous waste management objectives.

### **III. MEMBERSHIP**

The EDSWAC shall consist of no less than eleven (11) members. Specifically:

1. A maximum of two (2) members representing the Waste Services Companies operating under a franchise within El Dorado County;
2. One (1) member representative from each of the following jurisdictions:
  - Cameron Park Community Services District (CPCSD);
  - City of Placerville;
  - City of South Lake Tahoe; and
  - El Dorado Hills Community Services District (EDHCSD).  
{Each City Council and CSD Board will select a member.}
3. The remaining five (5) public appointments will come from the El Dorado County Board of Supervisors.

### **IV. APPOINTMENTS**

- A. All EDSWAC members shall be appointed by and serve at the pleasure of the County Board of Supervisors with the approval of their City Councils, CSD Boards, and/or affiliated Company Management (as may be applicable).
- B. In the event of an appointment vacancy, the EDSWAC Chair shall notify the Environmental Management Department (EMD) Director in writing and request the appointment of a replacement member.
- C. The EMD Director (or designee) shall notify the appropriate appointing body as soon as possible after a vacancy, requesting a new appointment as soon as possible.

### **V. TERMS OF OFFICE**

- A. All EDSWAC appointments shall be for a five (5) year term.
- B. The offices of Chair and Vice Chair shall be for a one (1) year term. The election of the Chair and Vice Chair shall be held at the EDSWAC meeting held during the first quarter of each year. Election of the Chair and Vice Chair shall be by simple majority vote.

### **VI. ALTERNATE MEMBERS**



- A. Appointed members representing the Waste Disposal Franchises and the four designated jurisdictions may each assign an alternate representative to attend EDSWAC Meetings in the event that the appointed member is unable to attend the meeting.

## VII. MEMBER RESPONSIBILITIES

- A. The responsibilities of the EDSWAC Chair include, but are not limited to, the following:
- Implement the EDSWAC By-Laws as defined herein;
  - Approve the scheduled EDSWAC Meeting Agenda prior to posting it for the general public;
  - Chair the EDSWAC Meetings;
  - Approve EDSWAC Meeting Minutes prior to distribution and/or archiving;
  - Represent EDSWAC by signature authority for all official correspondence as related to EDSWAC business; and
  - Represent EDSWAC at BOS meetings and public hearings.
- B. The EDSWAC Vice Chair shall execute the responsibilities of the EDSWAC Chair at such times when the EDSWAC Chair is absent.
- C. The responsibilities of the EDSWAC Members include, but may not be limited to, attending regularly scheduled meetings, participating in those meetings, and participating in subcommittee activities that may be needed to achieve EDSWAC goals and objectives as established by BOS Resolution Number 267-92 dated September 15, 1992.
- D. EDSWAC Members shall exclude themselves from voting or unduly influencing decisions that would potentially result in financial gain to themselves or their representative affiliation, and shall openly acknowledge such potential conflicts.
- E. The EMD Director shall assign a staff member as a representative (EMD Representative) to assist the EDSWAC with administrative, technical and logistic support needed for the conduct of EDSWAC business.
- F. The responsibilities of the EMD Representative include, but may not be limited to, the following:
- Assisting the EDSWAC Chairperson with the development of the Meeting Agenda for scheduled EDSWAC Meetings;
  - Ensuring that the Agenda for EDSWAC Meetings is clearly posted at the designated public location(s) and on the EMD website as soon as practical, but in no instances later than 72 hours prior to a scheduled meeting. Providing the meeting room for EDSWAC Meetings, along with the basic resources necessary to accommodate the participants and conduct the Meeting;

- Providing the technical and human resources necessary to prepare the meeting minutes associated with the EDSWAC Meeting;
- Participating in scheduled EDSWAC Meetings;
- Participating in EDSWAC subcommittee meetings as may be requested;
- Distributing the Meeting Minutes to the EDSWAC Members within 30 days of the EDSWAC Meeting;
- Posting the Approved Meeting Minutes on the El Dorado County Environmental Management website no later than one week following approval of the Meeting Minutes as signed by the EDSWAC Chair;
- Assure the EDSWAC web link is maintained by assigned EMD staff.

### **VIII. EDSWAC PUBLIC MEETINGS**

- A. EDSWAC Public Meetings are held on the second Monday of every other month starting in January. The EMD representative will provide the schedule for EDSWAC Meetings for the coming year at the November meeting.
- B. EDSWAC Public Meetings are normally held at the EMD office in Placerville. The location shall be included in the regular posting of meetings.
- C. A Meeting Agenda for an EDSWAC Meeting shall be posted on the EMD website and at the designated public location(s) as soon as practical prior to the Public Meeting date, but in no instance later than 72 hours prior to the Public Meeting. The Meeting Agenda shall be posted by the EMD Representative. The Meeting Agenda is posted in Board of Supervisors' Building A, across the hall from Human Resources. The meeting agenda shall state the date, time and location of the Public Meeting. The agenda shall also set forth a brief general description of each item of business to be transacted or discussed, including any items to be discussed in closed session. Per County Council, this is not legally necessary, but the language mirrors the Brown Act requirements for the agenda.
- D. A simple majority of the Committee is necessary for a quorum to be present and for the Committee to take action. All issues shall be resolved and business acted upon by a simple majority vote of the Members present, only when a quorum is present.
- E. The EMD Representative shall ensure that EMD staff resources are available to compile the Meeting Minutes.
- F. The EMD Representative shall prepare the DRAFT Meeting Minutes and distribute the minutes to the EDSWAC Members no later than 30 days following the Public Meeting.
- G. The EMD Representative shall ensure the Approved Meeting Minutes are posted on the El Dorado County Environmental Management website no later than one week following approval of the Meeting Minutes as signed by the EDSWAC Chairperson.

**IX. ABSENCES**

- A. Members who will be absent from an upcoming Meeting shall notify the EDSWAC Chair and the EMD Representative of their planned absence at least 3 business days prior to the EDSWAC Meeting so that a determination can be made as to a quorum being present at the Meeting. The EDSWAC Chair may elect to cancel an EDSWAC Meeting if it appears that a quorum will not be attending the scheduled Meeting.
  
- B. The appointment of any Member who fails to attend three or more consecutive EDSWAC Meetings without the approval of the majority of the members of the committee shall automatically become vacant. At the EDSWAC meeting following the third consecutive absence of an EDSWAC member, the Chair will call for a vote of the committee to determine if any of the absences are excusable. If the member is determined by the vote of the committee to have three unexcused absences, that member shall be informed by the Chair that he/she is no longer a member of the committee, and the EMD Director (or designee) shall notify the appointing jurisdiction and call for the appointment of a new member as soon as possible. The affected member may be at the meeting to make his/her case to the committee to excuse the absences.
  
- C. A vacancy shall be filled by the appropriate appointing jurisdiction as soon as possible after a membership seat has been vacated.



**X. APPROVALS**

Dickson Schwarzbach  
\_\_\_\_\_  
EDSWAC Chair

*Dickson Schwarzbach*  
\_\_\_\_\_  
Signature

*4/30/09*  
\_\_\_\_\_  
Date

Gerri Silva  
\_\_\_\_\_  
EMD Director

*Gerri SILVA*  
\_\_\_\_\_  
Signature

*May 13, 2009*  
\_\_\_\_\_  
Date

Ron Briggs  
\_\_\_\_\_  
Board of Supervisor, Chairman

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date





# California

## LEGISLATIVE INFORMATION

Code: PRC

Section: 40950.

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"Community Services Act

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**PUBLIC RESOURCES CODE - PRC**

**DIVISION 30. WASTE MANAGEMENT [40000 - 49620]** (*Division 30 added by Stats. 1989, Ch. 1096, Sec. 2.*)

**PART 2. INTEGRATED WASTE MANAGEMENT PLANS [40900 - 41956]** (*Part 2 added by Stats. 1989, Ch. 1095, Sec. 22.*)

**CHAPTER 1. Plan Preparation [40900 - 40977]** (*Chapter 1 added by Stats. 1989, Ch. 1095, Sec. 22.*)

**ARTICLE 2. Local Task Forces [40950- 40950.]** (*Article 2 added by Stats. 1989, Ch. 1095, Sec. 22.*)

**40950.** (a) On or before March 1, 1990, and every five years thereafter, each county, which is not a city and county, shall convene a task force to assist in coordinating the development of city source reduction and recycling elements prepared pursuant to Chapter 2 (commencing with Section 41000), the county source reduction and recycling element prepared pursuant to Chapter 3 (commencing with Section 41300), and to assist in the preparation of the countywide siting element prepared pursuant to Chapter 4 (commencing with Section 41700).

(b) The membership of the task force shall be determined by the county and by a majority of the cities within the county which contain a majority of the population of the incorporated area of the county, except in those counties which have only two cities, in which case the membership of the task force is subject to approval of the city which contains the majority of the population of the incorporated area of the county. The task force may include representatives of the solid waste industry, environmental organizations, the general public, special districts, and affected governmental agencies.

(c) To ensure a coordinated and cost-effective regional recycling system, the task force shall do all of the following:

(1) Identify solid waste management issues of countywide or regional concern.

(2) Determine the need for solid waste collection and transfer systems, processing facilities, and marketing strategies that can serve more than one local jurisdiction within the region.

(3) Facilitate the development of multijurisdictional arrangements for the marketing of recyclable materials.

(4) To the extent possible, facilitate resolution of conflicts and inconsistencies between or among city and county source reduction and recycling elements.

(d) The task force shall develop goals, policies, and procedures which are consistent with guidelines and regulations adopted by the board, to guide the development of the siting element of the countywide integrated waste management plan.

*(Amended by Stats. 1992, Ch. 1292, Sec. 8. Effective January 1, 1993.)*



## RESOLUTION NO. 267-92

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF EL DORADO

### **RESOLUTION TO IDENTIFY THE RESPONSIBILITIES OF THE WASTE MANAGEMENT TASK FORCE OF EL DORADO COUNTY**

**WHEREAS**, the Integrated Waste Management Act of 1989 (AB939) requires the development of programs and facilities to reduce the amount of waste material generated, disposed of in landfills or transformed by incineration; and

**WHEREAS**, the general responsibility of the Local Task Force (LTF) is to assist and advise the agencies responsible for developing and implementing solid and hazardous waste management plans, to aid in ensuring that the county adequately plans for meeting future solid waste handling and disposal needs, pursuant to the Integrated Waste Management Act of 1989 (AB939); and

**WHEREAS**, the specific responsibilities as referenced in various statutes and regulations or otherwise implied are as follows:

- 1) Develop goals, policies, and procedures which guide the development, revising and updating of the Source Reduction and Recycling Elements, Household Hazardous Waste Elements, Siting Element and Integrated Waste Management Plan; and
- 2) Provide review and comment on the scope of work and schedule of city or county proposals and contracts affecting county-wide waste management; and
- 3) Determine the need for solid and hazardous waste systems, facilities, programs and marketing strategies emphasizing regional participation as appropriate; and
- 4) Facilitate the development of multi-jurisdictional arrangements for marketing of materials; and
- 5) Provide review and comment on the establishment of new or expanded solid and hazardous waste management facilities within the County; and
- 6) Assist responsible agencies in developing and reviewing solid and hazardous waste management planning documents; and
- 7) Assist in facilitating resolution of conflicts and inconsistencies in plans and programs; and



- 8) On or before the third anniversary of Board approval, review and submit comments on the adequacy of the plan to meet the goals of AB939; and
- 9) Provide technical guidance and information; and
- 10) Monitor and evaluate the planning and effectiveness of specific programs implemented to meet the defined solid and hazardous waste management objectives,

**NOW, THEREFORE, BE IT RESOLVED**, by utilizing available LTF members, interested community members, staff and consultant resources, that the role of the El Dorado County Waste Management Local Task Force will be to perform the above tasks and to provide appropriate progress reports to the El Dorado County Board of Supervisors and City Councils, where applicable; and

**BE IT FURTHER RESOLVED**, that the individual responsibility of the LTF members shall be to attend regularly scheduled meetings, participate in those meetings and to participate in subcommittee activities developed to achieve the above objectives, and

**BE IT FURTHER RESOLVED**, that the individual LTF members shall, in making their decisions toward the collective good of the entire community, exclude themselves from voting or unduly influencing decisions that would potentially result in financial gain to themselves or their business affiliation, and shall openly acknowledge such potential conflicts.

edciwmp\wtfresp.res

PASSED AND ADOPTED by the Board of Supervisors of the County of El Dorado at a regular meeting of said Board, held on the 15th day of September, 1992  
by the following vote of said Board:

Ayes: Supervisor Vernon J. Bernew  
James R. Sweeney, William N. Cottle,  
John E. Upton

ATTEST  
DIXIE L. FOOTE  
Clerk of the Board of Supervisors  
By Margaret E. Moody  
Deputy Clerk

Noes: None  
Absent: Supervisor Robert E. Rowe  
James T. Hunt  
Chairman, Board of Supervisors

I CERTIFY THAT:  
THE FOREGOING INSTRUMENT IS A CORRECT COPY OF THE ORIGINAL ON FILE IN THIS OFFICE.

DATE \_\_\_\_\_  
ATTEST: DIXIE L. FOOTE, Clerk of the Board of Supervisors of the County of El Dorado, State of California.

By \_\_\_\_\_  
Deputy Clerk



**El Dorado Disposal  
Program Report**

PARIS Code	Description	Program Description	Today		Plans for next 2 months.		
			1/12/2015	3/9/2015	5/11/2015	7/13/2015	9/14/2015
1000	Grasscycling	Reach out to golf courses and schools to see who is grasscycling and notate the acres or yards so we can calculate data and list organizations in the county currently grasscycling.		<b>March/April Plans:</b> Reach out to golf courses and schools as described in "goals".		Recycling Sustainability Coordinator and Community Outreach Mgr. will create a program that will acquire the necessary information from golf courses and schools to see who is grasscycling and notate the acres or yards so we can calculate data and list organizations in the county currently grasscycling. The goal is to have implemented by June.	
1010	<b>Business Waste Reduction: Mandatory Commercial Recycling (MCR)</b>	Sending out a survey to county customers researching who is currently composting. Composting information will be on the website by February. Emailing all current customers who might be interested in composting information.		<b>Jan/Feb Update:</b> Sending out a survey to county customers as described in "goals". Composting information will be on the website by February. Emailing all current customers who might be interested in composting information. <b>March/April Plans:</b> Analyze results regarding composting survey. Download survey results on website. Create educational material for customers.	Analyze results regarding composting survey. Download survey results on website. Create educational material for customers.		
1020	<b>Business Waste Reduction</b>	Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.		<b>March/April Plans:</b> Work on presentation and survey for Chambers as described in "goals".		Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.	
1030	<b>Procurement</b>	Make sure each internal department is recycling to full potential. Renewed focus on purchasing recycle content materials. Share with local jurisdictions. Ongoing.		<b>March/April Plans:</b> "Goals" ongoing.		Will update our procurement program with the county assistance. County will send samples of procurement programs that will assist to make sure we have all necessary information.	
1050	<b>Government Source Reduction</b>	Discuss with each municipality their reduction, reuse and recycling programs. Ongoing.		<b>March/April Plans:</b> "Goals" ongoing.	Discuss with each municipality their reduction, reuse and recycling programs.		
1060	<b>Material Exch/Thrift Shops</b>	Stationed at the MRF we have a security box for gently used items where we donate items for the Partner's in Care Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long). Ongoing program.			Stationed at the MRF we have a security box for gently used items where we donate items for the MORE Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long).	Partnered with USAGAIN to recycle textiles. We have place bins at 4 location, MRF and 3 recycling centers for the general public to dispose of rags, old clothes, bedding, shoes, belts, purses, hats, towels.	
2000	<b>Residential Curbside</b>	Working on group area reroute to go curbside. Putting together a customer service communication strategy for cart roll outs in the county. All new start customers were given option of 35 gallon trash carts beginning October in the county.	Began delivering 35 gallon trash carts to customers who inquired.	<b>Jan/Feb Update:</b> "Goal" in progress. <b>March/April Plans:</b> March communication regarding new program will be sent. 35 gallon trash carts will be delivered and 64 gallon recycle carts to customers that do not recycle. Yard waste carts will be available also.	March communication regarding new program will be sent. 35 gallon trash carts will be delivered and 64 gallon recycle carts to customers that do not recycle. Yard waste carts will be available also.	The new cart roll out will be completed by June and all communication.	
2010	<b>Residential Drop-Off</b>	Free customer drop off for the following commodities daily: OCC, newsprint, metal, plastic, rigid plastic. Each buy back center is available for drop off of these materials along with the MRF. On going program.	November 66.04 tons collected. December 56.26 tons collected.	<b>Jan/Feb Update:</b> January 97.25 tons collected. February 76.73 tons collected. <b>March April Plans:</b> On going program.	March <b>80.48</b> tons collected. April <b>75.05</b> tons collected.	On going program.	
2020	<b>Buyback Centers</b>	Collecting fluorescent tubes and batteries now at recycling centers and MRF. On going program.	November received 296 feet of tubes and 525 pounds of batteries. December 416 feet of tubes and 385 pounds of batteries received.	<b>Jan/Feb Update:</b> January received 420 feet of tubes and 530 pounds of batteries. February 380 feet of tubes and 423 pounds of batteries received. <b>March/April Plans:</b> On going program.	In March collected 952 feet of fluorescent tubes and 584 pounds of batteries. April collected 650 feet of tubes and 720 pounds of batteries.	On going program.	

2030	Commercial On-Site Pickup	Will work with 3 apartment complexes that are not compliant with AB341.	On 11-4-14 we mailed out approximately 1600 postcards out to all of our commercial customers to educate them on services we provide. I expect we will get a increase of calls for the Sustainability Coordinator. <b>Result:</b> We touched 21 customers . That consists of site checks, new service, and educational material. 1 of those accounts being a multi family community. Successfully implemented program at Woodridge Apts.	<b>March/April Plans:</b>		On going efforts for AB341 compliance.	
2040	Commercial Self-Haul						
2050	School Recycling	Working on a school recycling competition program with two elementary schools in the Placerville District.	Mailed 114 schools information regarding our free education program. Also included grant opportunity with Recycle Bank. Still have plans on working with the Rancharia regarding recycling and worm composting.	<b>March/April Plans:</b> Working on a school recycling competition program with two elementary schools in the Placerville District for the 2015/2016 school year. Working on adding some schools to our Food waste program.		Working on a school recycling competition program with 2 elementary schools in the Placerville school district for the 2015/2016 school year.	
2060	Government Recycling	Will work directly with county on implementing recycling carts in lobbies of government buildings.		<b>March/April Plans:</b> Ongoing	County implemented recycling opportunities in lobbies of government buildings.		
2070	Special Collection Seasonal			<b>March/April Plans:</b> April 11th Logtown drop off boxes for spring clean up. April 18th Cameron Park spring clean up. April 25th Camino spring clean up.	April 11th Logtown spring clean up collected 1.62 yard waste and 3.05 tons of trash. April 18th Cameron Park spring clean up collected 27.28 tons of trash, 4.35 tons of yard waste,	On May 9th El Dorado Hills CSD will have their spring cleanup. On May 16th Pollock Pines will have their spring cleanup.	
2080	Special Events		EDH Christmas tree chipping program had 9-50 yard boxes of chips dumped at the EDHCSD site. Boxes averaged .12 tons each. Free Christmas tree drop off at MRF till January 17th. EDH Christmas tree program. Adopted a tree to decorate with recycle material for display. Captured 42.27 tons of yard waste special program in Cameron Park.	<b>March/April Plans:</b> April 24th, 25th, and 26th will have a booth at the Home and Garden show. Will be educating on composting and recycling.	April 24th, 25th and 26th will have a booth at the Home and Garden show. Will be educating on composting and recycling.	Attending Ag Day with over 1000 3rd graders from El Dorado County educating on composting.	
2090	Other Business Recycling						
3000	Residential Curbside GW	Working on the outreach communication, timeline for cart delivery in the county for green waste program. Create vouchers for new green waste program specific to the new county contract.	<b>Jan/Feb Update:</b> Working on the outreach communication, timeline for cart delivery in the county for green waste program. Vouchers created for new green waste program specific to the new county contract. Vouchers mailed out in Feb.		Working on the outreach communication, timeline for cart delivery in the county for green waste program. Vouchers created for new green waste program specific to the new county contract.	Will have the new yard waste cart delivery completed end of June	
3010	Residential Self-Haul GW	FSC Grant program implemented in the county.	<b>Jan/Feb Update:</b> Fire Safe Council Grant program implemented in the county: Working directly with FSC on the yard waste program for neighborhoods.	<b>March/April Plans:</b> Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.	Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.		
3020	Residential Onsite GW Pickup		<b>Jan/Feb Update:</b> EDH/CP yard waste tons was a total of 1694.5.	<b>March/April Plans:</b> Green Waste curbside removal will be April 2nd,3rd,16th, and 17th. County curbside green waste bag removal will be April 20th thru 25th.	4-30-15 Cameron Park retrieved 12 bags or .35 tons.	Cameron Park on 5-1-15 retrieved 350 bags at 4.07 tons and	

3040	Food Waste	Reaching out to acquire more participation from restaurants.	<b>Jan/Feb Update:</b> January 19th roll out date for food waste program. Load assessment of food waste to be conducted in January. Working on contract with Clean World. Setting up delivery dates for food containers to begin program. Reaching out to acquire more participation from restaurants.	<b>March/April Plans:</b> Currently working on adding 3 schools to the program. We currently have 6 customers on board.	Currently working on adding 3 schools to the program. We currently have 6 customers on board.	Currently working on adding 3 schools to the program for the 2015/2016 school year.. We currently have 6 customers on board.
3060	Government Composting					
3070	Other Composting					
4010	Sludge	On going removal.	November 106.66 ton and December 142.23 tons from City of Placerville. Red Hawk sludge removal for November 15.44 tons and December 15.60 tons.	January 141.37 tons and February 101.47 tons from City of Placerville. Red Hawk sludge removal for January was 33.7 tons and February 16.77 tons. <b>March/April Plans:</b> On going removal.	March 122.09 tons and April 136.82 tons from City of Placerville. Red Hawk sludge removal for March was 15.78 tons and April 37.97 tons.	On going removal.
4020	Tires		November 12.15 tons were shipped out, December 0 tons shipped out.	January 0 tons were shipped out, February 16.27 tons shipped out. <b>March/April Plans:</b> On going removal.	March 14.12 tons were shipped out, April 0 tons shipped out.	On going removal.
4030	White Goods		November 161 appliances were received. December 140 appliances were received.	January 194 appliances were received. February 154 appliances were received. <b>March/April Plans:</b> On going removal.	March 220 appliances were received. April 161 appliances were received.	On going removal.
4040	Scrap Metals		November 88 tons were recovered and shipped out. December 106.80 tons were recovered and shipped out.	<b>Jan/Feb Update:</b> January 104.57 tons were recovered and shipped out. February 108.36 tons were recovered and shipped out. <b>March/April Plans:</b> On going removal.	March 143.15 tons were recovered and shipped out. April 150.61 tons were recovered and shipped out.	On going removal.
4050	Mixed Wood		November 265.52 tons were recovered and shipped out. December 106.80 tons were recovered and shipped out.	<b>Jan/Feb Update:</b> January 263.96 tons were recovered and shipped out. February 242.78 tons were recovered and shipped out. <b>March/April Plans:</b> On going removal.	March 379.76 tons were recovered and shipped out. April 424.68 tons were recovered and shipped out.	On going removal.
4060	Asphalt/Concrete Mixed		December 89.75 tons of Asphalt shingles were shipped out to Sierra Waste Transportation.	January/February shipped out 0 tons of Asphalt shingles to Sierra Waste Transportation. <b>March/April Plans:</b> On going removal.	March/April shipped out 350.76 tons of Asphalt shingles to Sierra Waste Transportation	On going removal.
4090	Rendering/Grease					
5000	Electronic	On going program	CEAR picked up 22.94 tons in November and 28.69 tons in December.	CEAR picked up 32.03 tons in January and 25.24 tons in February. <b>March/April Plans:</b> On going program	CEAR picked up 28.95 tons in March and 30.20 tons in April.	On going program
5010	Print	Printing survey, vouchers, calendars and new cart rollout educational material.		<b>March/April Plans:</b> Printing survey, vouchers, calendars and new cart rollout educational material which will be mailed in March.	Printing survey, vouchers, calendars and new cart rollout educational material which will be mailed in March.	
5020	Outreach	One Person's Trash Winter Edition Newsletter sent with 26,000 Mt. Democrat Newspapers, focusing on educating public on recycling information.		<b>Jan/Feb Update:</b> One Person's Trash Winter Edition Newsletter sent with 26,000 Mt. Democrat Newspapers, focusing on educating public on recycling information.	Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.	Updated website, creating more social media outreach with facebook, twitter and instagram.
5030	Schools (education and curriculum)		Mailed 114 schools about our tours, presentations and information regarding grants through recycle bank.	<b>March/April Update:</b> Educating students on recycling and composting. Teaching children recycle art, showing Recycle Rex video. Demonstrating the garden process and worm composting bin.	Educating students on recycling and composting. Teaching children recycle art, showing Recycle Rex video. Demonstrating the garden process and worm composting bin.	Recycling program with Silva Valley School on May 1st presenting to roughly 150 students.
6010	Economic Incentives					
6020	Ordinances					
6030	Other Policy Incentive					
7000	MRFs					
7010	Landfill Diversion					
7020	Transfer Station Diversion					
7030	Compost Facility		Compost bin thriving.	<b>Jan/Feb Update:</b> Compost bin thriving. <b>March/April Plans:</b> Compost survey sent out to county customers.	Compost bin thriving.	
7040	ADC					
8020	Transformation					

9000	HHW Permanent Facility	On-going program.	November 708 customers used the HHW facility and in December we had 442 customers use the facility. <b>Result:</b> Shipped 9.89 tons of HHW in November. Shipped 10.11 tons of HHW in December.	January <b>867</b> customers used the HHW facility and in February we had <b>713</b> customers use the facility. We have extended one more day for residential customers to drop off. Friday, Saturday and Sunday. <b>March/April Plans:</b> On going program.	March 854 customers used the HHW facility and in April we had 803 customers use the facility.	On going program.	
9010	HHW Mobile/Periodic						
9030	HHW Waste Exchange	The MRF has a waste exchange program for safe HHW material. Residential customers are allowed to take items free of charge. Examples of items available for drop off are cleaning supplies, paint and automotive fluids. Latex and Oil base paints are shipped to Paint Care to recycle paint that is collected.	<b>Result:</b> This is year round. Residential customer can drop off Friday and Saturday from 9am to 4pm. Commercial customers need to call for appointment.	Latex and Oil base paints shipped to Paint Care to recycle paint that is collected. We have shipped 5 tons in March and April.	The MRF has a waste exchange program for safe HHW material. Residential customers are allowed to take items free of charge. Examples of items available for drop off are cleaning supplies, paint and automotive fluids.		
9040	HHW Education Programs						
9045	Electronic Waste	Processor has ability to hold an ewaste event. The MRF and Buy Back Centers provide free E-Waste drop off.		<b>March/April Plans:</b> on going program.		Processor has ability to hold an ewaste event.	

### South Tahoe Refuse / Sierra Disposal

Consolidation of ARD under STR franchise was approved by the BOS in December 2014

SDS franchise extension approved by the BOS in December 2014.

PARIS Code	Description	Program Description	3/9/2015	5/11/2015	7/13/2015	9/14/2015
1000	Grasscycling	Collected in the RRF. Sent to Full Circle Compost or Bently Ranch for recycling.	Ongoing	Ongoing		
1010	Backyard & On-Site Composting	Composting information is available on the STR website and in print material.	Ongoing	Ongoing - Master Gardener's sponsoring a plastic plant container reuse program with collection site at STR Transfer Station		
1020	Business Waste Reduction: Mandatory Commercial Recycling (MCR)	Multi-Family Unit Complexes: Letter and informational flyer sent out annually and upon change in ownership; blue bags, and laminated cards being provided upon request. SLT City staff follows up with apartment complex managers. <u>Commercial Businesses:</u> Recycling occurs through the MRF. Informational flyer provided to new businesses and is available on the STR website. Informational flyer and letter mailed to ARD businesses June 2014. This is now consolidated with El Dorado County business mailing list. SDS: mixed recycling offered to all commercial properties at no charge.	Multi-Family Unit Complexes: Additional information will be mailed out before June 2015. SDS: No Multi-Family units in the SDS service area. ARD: No Multi-Family units in the ARD service area. <u>Commercial Businesses:</u> STR: Recycling occurs through the MRF. Additional information will be mailed before June 2015. Waste characterization audit for Heavenly Report scheduled for March 19 & 25. SDS: All applicable businesses are in compliance.	Multi-Family Unit Complexes: STR: Annual mailing being prepared. SDS: no multi-family units in the SDS service area. <u>Commercial Businesses:</u> Annual mailing being prepared. Waste characterization audit for Heavenly completed May 7, 2015. SDS: Georgetown Divide Recreation District is looking for a placement for a recycling bin.		
1030	Procurement					
1050	Government Source Reduction					
1060	Material Exch/Thrift Shops	STR: 10 to 12 Thrift Shops in South Lake Tahoe. SDS: 1 thrift shop in service area.	Ongoing	Ongoing		
2000	Residential Curbside	STR: Unlimited Blue bag recycling- mixed recyclables all in bags, weekly pickup. One free bulk item curbside pickup in unincorporated El Dorado County SDS: Residential blue bag recycling will transition to cart system by 2016. One bulk item curbside pick up per residential customer per year, plus one annual curbside e-waste pickup and unlimited battery and fluorescent tube curbside residential pickup, effective January 2015.	Ongoing	STR: Customer survey placed on website regarding blue bag recycling program. Additional contacts will be made via phone and email. SDS: Bulk item, e-waste, battery and fluorescent tube collection programs posted on SDS website. Added "water wise" language to STR and SDS websites.		
2010	Residential Drop-Off	STR: If residents are going to be going out of town they can show their ID and bring a copy of their bill and drop off their residential waste at the MRF for no charge.	Ongoing	STR: Part-time residents encouraged to drop off rather than leaving garbage at curbside because of bear attraction.		

2020	Buyback Centers	STR: Open Tuesday through Saturday 9 am to 4 pm at 2192 Ruth Ave. SDS: 7 locations available listed here: ( <a href="http://www.sierradisposal.com/SDSRecyclingCenters.pdf">http://www.sierradisposal.com/SDSRecyclingCenters.pdf</a> )	Ongoing	STR: SLT Humane Society Recycle Match program nets \$680 in April. State regulations limit out-of-state recycling.		
2030	Commercial On-Site Pickup	STR: Commercial pick up frequencies are determined by the business' need. Commercial garbage, recycling, and food waste pick up available. Size of bins needed are based on the business' need.	Ongoing	STR: Waste audits and waste management plans developed for Lake Tahoe Vacation Resort, program resources delivered. Site visit to Marriott Resort and Heavenly Village to review existing recycling programs.		
2040	Commercial Self-Haul			ongoing		
2050	School Recycling	There is no charge to the schools for recycling. STR: weekly mixed recycling collection route to 12 schools, preschools and the Boys and Girls Club. SDS: weekly mixed recycling collection to 9 schools in the Black Oak Mine and Gold Trail Unified School Districts.	Ongoing	STR: Blue box containers provided to elementary schools for in-classroom recycling. 28.3 tons recycled so far this school year.SDS: Black Oak Mine and Gold Trail Unified School Districts recycling at 400 yards so far this year.		
2060	Government Recycling	STR: In addition to MRF recycling, 45 agency sites participate in the free Office Paper Recycling Collection Route Program.	Ongoing	Ongoing		
2070	Special Collection Seasonal	STR and SDS each hold community clean up events - STR once a year at the SLT MRF. SDS once a year in locations around the service area. These events are open to anyone in the service area.	SDS: The Georgetown community clean up event was 10/18/14 and 200b yards if material was collected including 95 pieces of furniture, 46 appliances, 90 units of e-waste, over 150 tires and various other home and yard items. 2015 Community Clean up event May 9th, 9am - Noon at Lotus park. Open to residents of the SDS service area.	STR: Clean Tahoe Day scheduled for June 6 at the STR Transfer Station/MRF. SDS: 2015 Community Clean up event May 9th, 9am - Noon at Lotus park. Open to residents of the SDS service area.		
2080	Special Events	STR: participates in numerous special events throughout the year and provides free Special Event Recycling containers and other resources to event planners. Information is available on the STR website.	STR: Fire Fest 2014 at the South Lake Tahoe Airport, recycling services provided. South Lake Tahoe Earth Day will be held on April 25, 2015, at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies. SDS: SDS donated recycling services to the American River Music Festival, September 2014.	STR: South Lake Tahoe Earth Day was held on April 25, 2015, at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies. Despite snow, the event was successful, if a little wet. SDS: SDS donated recycling services to the American River Music Festival, September 2014.		
2090	Other Business Recycling					
3000	Residential Curbside GW	STR: Unlimited collection of green waste at curbside for all California customers.	ongoing	STR: Green waste collections route began in April due to lack of snow and early yard cleanup season.		
3010	Residential Self-Haul GW	STR: Residents can bring green waste to the Resource Recovery Facility, however, this is minimal due to unlimited curbside program for all California customers.	Ongoing	Ongoing		

3020	Residential Onsite GW Pickup	STR: Green waste drop boxes available at a reduced cost for large residential property projects.	Ongoing	Ongoing		
3040	Food Waste	Working with local schools to implements food waste recycling programs. There is no charge to the schools for their food waste program. Participating schools have reduced their garbage bills by over 65%.	Food waste recycling route collection at Sierra house, Bijou, and Magnet Environmental schools continues. Tahoe Valley Elementary School will kick off its food waste recycling program with student assemblies on March 10,2015, with STR staff providing training and resources. Tahoe valley High School culinary program started their food waste recycling program on January 7, 2015.	STR: Food waste recycling in place at all four California elementary schools and the South Tahoe High School Culinary program. Met with Mt. Tallac High School program to organize food recycling in the fall.		
3060	Government Composting					
3070	Other Composting					
4010	Sludge	STR: Sludge from South Tahoe Public Utility District is transported to Bently Ranch for composting by STR.	Ongoing	Ongoing		
4020	Tires	Collects tires at the MRF for a fee.	The County has submitted the Waste Tire Amnesty Grant application. We will have to wait to hear if the grant is awarded. Expect to hear in June 2015.	STR: Tire recycling is included in the Clean Tahoe Day event.		
4030	White Goods	STR: White goods are accepted at the MRF.	Ongoing	Ongoing		
4040	Scrap Metals	STR: Scrap metal is accepted at the MRF.	Ongoing	Ongoing		
4050	Mixed Wood	STR: Mixed wood is accepted at the MRF and RRF (if uncontaminated).	Ongoing	Ongoing		
4060	Asphalt/Concrete Mixed	STR: Asphalt and mixed concrete is accepted at the MRF.	Ongoing	Ongoing. STR: Cooperative proram with Tahoe Asphalt for asphalt and concrete recycling		
4090	Rendering/Grease	STR: Reno Rendering handles most generators in South Lake Tahoe with a weekly route.	Ongoing	Ongoing		
5000	Electronic	STR: E-waste is collected Mondays through Saturdays from 8 am to 5 pm.	Ongoing	Ongoing		
5010	Print	STR: a wide range of printed material on various services; blue bag recycling, buy-back recycling, HHW, new customer information, bear awareness, special event recycling,etc. SDS: residential and commercial customer recycling information fliers.	Ongoing	Ongoing		

5020	Outreach	STR & SDS: Website, mailers, event booths, e-mails, phone calls, direct site visits.	South Lake Tahoe Earth Day will be held on April 25th, 2015 at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies. SDS: recycling services donated to American River Music Festival, September 2014.	STR: participates in numerous community events throughout the year, most recently South Lake Tahoe Earth Day on April 15, the South Lake Tahoe Chamber Business Expo on March 27 and the Sierra Nevada Alliance Wild and Scenic Film Festival on March 26, all zero waste events sponsored by STR, reaching over 2,500 people. Earth Day radio interview on KRLT and TV interviews on Lake Tahoe TV and a Fox affiliate from Reno.		
5030	Schools (education and curriculum)	STR: Food Waste Recycling at all elementary schools and at high school culinary classes. Recycling video. Provide school tours and assembly presentations upon request. A total of 85 school tours and presentations were provided by STR staff during the 13/14 school year involving over 3400 student, plus teachers and parents. School recycling video by Tahoe Valley 5th grade students is complete and up on the STR site.	School recycling video by Tahoe Valley 5th grade student is complete and is up on the STR website. It is available for viewing at the schools and various website can link to the STR site. SDS: 675 Yards recycled in 2014 through Black Oak Mine Unified Schools District (12 Schools).	STR: 20 school tours so far this school year, 1,250 students, teachers and parents. Presentations include various recycling programs, composting, HHW, and CRV. Students are given a reusable water bottle.		
6010	Economic Incentives	Blue Bag recycling and green waste recycling programs are free to residential customers. Food waste recycling is free to the schools.	Ongoing	Ongoing		
6020	Ordinances			STR: local agencies are reviewing revisions to ordinances to decrease animal interaction with trash.		
6030	Other Policy Incentive					
7000	MRFs	STR: South Tahoe Refuse Transfer Station/MRF. SDS: Western El Dorado Transfer Station/MRF	Ongoing	STR: reorganizing C&D processing area before summer construction season. Paving and BMP projects underway. 64% recycling		
7010	Landfill Diversion	n/a				
7020	Transfer Station Diversion	STR: included in MRF numbers	Ongoing	Ongoing		
7030	Compost Facility	STR uses Full Circle Compost and Bently Ranch	Ongoing	Ongoing		
7040	ADC			STR: 13,631 tons in 2014, 1,667 tons first quarter 2015.		
8020	Transformation	n/a				
9000	HHW Permanent Facility	STR: Tuesday and Saturday 9-12 & 1-4.	Ongoing	Ongoing		
9010	HHW Mobile/Periodic	NA				
9030	HHW Waste Exchange	NA				
9040	HHW Education Programs	STR: HHW programs is advertised on the website, sent out to new residents, handed out at the Transfer Station and displayed at special events. EMD also lists STR's HHW on their website and informational flyer.	Ongoing	Ongoing		
9045	Electronic Waste	Collected Monday through Saturday, 8 am to 5 pm.	Ongoing	Ongoing		



Additional Info			Recycling Rate for service area was 65% for 2014			
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# EL DORADO COUNTY SOLID WASTE ADVISORY COMMITTEE (EDSWAC) PUBLIC MEETING AGENDA

July 13, 2015 2:30 p.m.

2850 Fairlane Court, Conference Room 248, Placerville, CA  
City of South Lake Tahoe, 1052 Tata Lane, South Lake Tahoe, CA

## EDSWAC Responsibility

To assist and advise the agencies responsible for developing and implementing solid and hazardous waste management plans and to aid in ensuring that the County adequately plans for meeting future solid waste handling and disposal needs.

## EDSWAC Members

1. District 1: Don Nizolek, Vice Chair
2. District 2: George Turnbo
3. District 3: Dickson Schwarzbach, Chair
4. District 4: Nancy Spinella
5. District 5: Vacant
6. City of Placerville: Pierre Rivas, Lynne Hunter
7. City of South Lake Tahoe: Ray Jarvis, Hillary Roverud
8. Cameron Park CSD: Mary Cahill, Paul Ryan
9. El Dorado Hills CSD: Brent Dennis, Kevin Loewen
10. STR/SDS: Jeanne Lear, John Tillman
11. EDD/AD/WCNX: Jeff England, Debi Harlow

## VOTING

Requires a motion and second according to Robert's Rules of Order.

A quorum for voting consists of 50% of members plus one.

Only formal members may vote on issues.

## 1. Call to Order

## 2. Approval of Agenda

## 3. Approval of Minutes: May 11, 2015

## 4. Old Business

- a. C & D Ordinance Revision  
*Status update*
- b. Meeting Attendance  
*Status update on District 5 Representative*

## 5. New Business

- a. Mattress Recycling Council  
Poll EDSWAC to see if the committee would like to have a representative from the Mattress Recycling Council (MRC) come and speak to the group about their program.  
*Recommended Action:* Staff recommends EDSWAC direct staff to request a representative from MRC attend an EDSWAC meeting to present information on the MRC program.
- b. Mandatory Organics Waste Recycling AB 1826  
Poll EDSWAC to see if the committee would like to have a representative from CalRecycle's Local Assistance and Market Development Division come and speak to the group about the new Mandatory Organic Waste Recycling legislation.  
*Recommended Action:* Staff recommends EDSWAC direct staff to request a representative from CalRecycle attend an EDSWAC meeting to present information on the Mandatory Organic Waste Recycling legislation.

## 6. Agency / Jurisdiction Reports

- a. County of El Dorado
  - i. Staff Reports
    1. TEA Grant
    2. Waste Tire Amnesty Grant
    3. City/County Payment Program Grant
    4. OPP 6 Grant

- 5. Household Hazardous Waste Grant
- 6. Tire Derived Product Grant
- ii. Update on Solid Waste Franchise Agreements
- iii. Solid Waste Management Plan Update
- iv. Meeting AB 939 / AB 341 Goals / SB1016 Graph
  - 1. PARIS Codes Narrative
  - 2. Disposal/Diversion Data
- v. Legislative / Regulatory Update
  
- b. El Dorado Disposal / Amador Disposal Service
- c. South Tahoe Refuse / Sierra Disposal Service
- d. City of Placerville
- e. City of South Lake Tahoe
- f. Cameron Park Community Services District
- g. El Dorado Hills Community Services District

**7. Open Forum / Public Comments**

**8. Action Items for Next Meeting**

**9. Adjournment**

**NEXT MEETING:** September 14, 2015 \*\*\*@ South Tahoe Refuse\*\*\*

**EDSWAC Operation Guidelines:**

1. Use data to monitor the status of existing diversion practices/strategies and to identify and recommend the next best steps to further increase diversion up to 75%. Data to be used in this process would include: **a.** Strategies identified in the Solid Waste Management Plan **b.** Annual Source Reduction Report organized by Paris codes **c.** Construction and demolition (C&D) diversion for appropriate building permits and percentage of C&D tons diverted. **d.** Quarterly jurisdiction reports on diversion.
2. Identify opportunities and strategies for increasing public participation/education about reducing, reusing, recycling and recovering materials to reduce the waste stream entering material recovery facilities.
3. Seek out and review strategies for waste diversion used successfully by other jurisdictions.

**EL DORADO COUNTY  
SOLID WASTE ADVISORY COMMITTEE  
PUBLIC MEETING MINUTES  
JULY 13, 2015**

LOCATION: 2850 Fairlane Court, Placerville

MEMBERS PRESENT: Dickson Schwarzbach, Chair, County Representative, District 3  
Don Nizolek, Vice-Chair, County Representative, District 1  
Jeff England, El Dorado Disposal  
Jeanne Lear, South Tahoe Refuse  
Mary Cahill, Cameron Park CSD  
George Turnboo, County Representative, District 2  
Pierre Rivas, City of Placerville

COUNTY STAFF: Greg Stanton, Director  
Barbara Houghton, Environmental Health Manager  
Amy Velasco, Supervising Environmental Health Specialist  
Donna Cademartori, Department Analyst

MEMBERS ABSENT: Ray Jarvis, City of South Lake Tahoe  
David Kelly, County Representative, District 5  
Kevin Loewen, El Dorado Hills CSD  
Nancy Spinella, County Representative, District 4

OTHER PRESENT: Daisy Kong, CalRecycle

**1. Call to Order**

Meeting called to order at 2:35 pm by Chair Dickson Schwarzbach.

**2. Approval of Agenda**

Schwarzbach motioned to approve the Agenda, England seconded the motion. Motion passed unanimously.

**3. Approval of Minutes**

Stanton discussed the format for meeting minutes and recapped a previous EDSWAC discussion that concluded with the recommendation to staff to produce minutes consistent with extent of content and format of the October 2014 meeting minutes. Stanton indicated that the May 11, 2015 meeting minutes are much more extensive in content and that future minutes will be more condensed due to the amount of staff time expended to produce the May minutes. Schwarzbach commented that she could see that it took a lot of time to put together the minutes, and that a summary statement instead of written discussion would suffice.

Schwarzbach motioned to approve the May 11, 2015 minutes, Lear seconded the motion. Motion passed unanimously.

**4. Old Business**

a. C & D Ordinance Revision

*Status update*

Velasco reported that the revised C&D Ordinance is at County Counsel for review.

b. Meeting Attendance

*Status update on District 5 Representative*

Stanton advised that the District 5 Representative has resigned from EDSWAC. An announcement has been placed on the Board of Supervisors website and a new candidate is in the application process.

**5. New Business**

a. Mattress Recycling Council

Velasco reported that she has been contacted by a representative of the Mattress Recycling Council, Mr. Rodney Clara, offering to attend a future EDSWAC meeting to discuss the mattress recycling program. The program is similar to Paint Care in that a fee has been added to the purchase of mattresses in CA to fund the program. There was some discussion regarding priorities and workload for EDSWAC, such as EDSWAC's review of the 5-year County Integrated Waste Management Plan due to be submitted to CalRecycle in November.

EDSWAC requested staff to schedule a presentation by Mr. Clara at the November or January EDSWAC meeting, depending upon Mr. Clara's availability.

Schwarzbach motioned to have County Staff see if Mr. Clara can attend the November or January Meeting, England seconded the motion. Motion passed unanimously.

b. Mandatory Organics

Velasco reported that a representative of CalRecycle has offered to present information to EDSWAC regarding new organic waste recycling legislation. Stanton stated that organics are a significant part of the County's waste stream and encouraged EDSWAC to schedule a presentation by CalRecycle to get an understanding of what will be required in this County to comply with the new legislative requirements. Nizolek agreed and recommended EDSWAC schedule the presentation.

Schwarzbach motioned for CalRecycle to make a presentation on Organics Waste Recycling at either the November or January meeting, whichever is most convenient; seconded by Lear. Motion passed unanimously.

**6. Agency / Jurisdiction Reports**

a. County of El Dorado

i. Staff Reports

1. TEA (Tire Enforcement) Grant – County awarded grant funding in the amount of about \$26,000.
2. Waste Tire Amnesty Grant - Waiting for final approval from CalRecycle. Once awarded, staff will go to the Board for approval. Grant will be advertised to the



- public. County residents will be able to bring their waste tires to the South Tahoe Refuse and El Dorado Disposal Material Recovery Facilities for free while funds last. Grant is not open to businesses. Grant term is two years.
3. City/County Payment Program Grant – Application submitted. This cycle's grant funds (if awarded) will be used for the litter abatement program.
  4. OPP (Used Oil) 6 Grant – Application submitted.
  5. Household Hazardous Waste (HHW) Grant – First report submitted. One of two heat stress studies completed at the HHW facility on Bass Lake Road (Fire Station 86). Second Study to be conducted later this month. Two one day HHW collection events held in Tahoma and Somerset.
  6. Tire Derived Product Grant – Grant application expected to be open later this year. Staff explained what the grant is for. Cahill express interest for Cameron Park CSD. Velasco said she would provide Cameron Park and El Dorado Hills CDSs with the grant information.
- ii. Update on Solid Waste Franchise Agreements – New agreement with Tahoe Truckee near completion. Board approved conceptual approval of merging Amador Disposal agreement with El Dorado Disposal. Board advised of the sale of Sierra Disposal to El Dorado Disposal. EL Dorado Disposal has requested that Sierra Disposal be merged into the El Dorado Disposal agreement. Staff will be returning to the Board in August with a recommendation.
  - iii. Solid Waste Management Plan (SWMP) Update – Staff will provide an update at the next EDSWAC meeting. Priority has been the update of the 5-year Review of the County Integrated Waste Management Plan (CIWMP).

Velasco provided an overview of what has been prepared for the 5-year review of the CIWMP. She provided each present EDSWAC member with a CD to review. The CD includes the actual 5-year CIWMP Review report as well as supporting documentation. Velasco asked that EDSWAC members review and send comments/questions back to County Staff by August 7, 2015 so that they have time to respond before the next EDSWAC meeting. The goal is to answer any questions and/or respond to any comments EDSWAC may have before the next EDSWAC meeting so that the 5-year CIWMP Review can be approved by EDSWAC at the next EDSWAC meeting.

Nizolek commented that the CIWMP is outdated and the Electronic Annually Reports (EARs) are not adequate to update the CIWMP. The CIWMP and the SWMP should be aligned so that the County has one current plan that can be followed and implemented. The SWMP is the County's most current strategic roadmap to use in planning for: 1) coordinated countywide and jurisdictional cooperation, 2) initiating new or enhancing existing solid waste programs and services, developing new and enhanced solid waste facility infrastructure, and maintaining solid waste flow control through the year 2030.

Staff responded that the CIWMP is mandated by AB 939 as is the 5-year review of the CIWMP and the EARs. The SWMP is a guidance document, not a regulatory requirement. The 5-year review is just a review of the status of the CIWMP, not the SWMP.

Daisy Kong from CalRecycle provided comment: the EARs serve as updates to the IWMPs throughout California and unless there is a significant change to jurisdictions SW

Cahill motioned to have the September meeting in Placerville and reschedule the South Lake Tahoe Meeting, Schwarzbach seconded the motion. Motion passed unanimously.

- iv. Meeting AB 939 / AB 341 Goals / SB1016 Graph
  - 1. PARIS Codes Narrative – Summary provided to EDSWAC.
  - 2. Disposal/Diversion Data – Summary provided to EDSWAC.
- v. Legislative / Regulatory Update – No update since last EDSWAC meeting
  
- b. El Dorado Disposal / Amador Disposal Service
  - i. EDD has successfully rolled out new programs. See EDD PARIS code update for details. (Attached)
- c. South Tahoe Refuse / Sierra Disposal Service
  - i. STR has to leave early. See STR PARIS code update for details. (Attached)
- d. City of Placerville
  - i. June 27<sup>th</sup> was their clean-up day. Reclassifying waste water treatment plant sludge from “B” to “A”. CalRecycle visited the City of Placerville in May.
- a. City of South Lake Tahoe
  - i. Not present
- b. Cameron Park Community Services District
  - i. Provided recycling at Cameron Park 4<sup>th</sup> of July event. There was a green waste pick up.
- c. El Dorado Hills Community Services District
  - i. Not present
  
- 7. Open Forum / Public Comment
  - a. None
  
- 8. Action Items for Next Meeting
  - a. Provide final feedback and vote on the recommendation to approve 5-year CIWMP Review.
  - b. Reschedule the South Lake Tahoe EDSWAC meeting.
  
- 9. Adjournment – Motion by Schwarzbach, seconded by England. Meeting adjourned at 4:23 pm

“Approved Catherine Dikson Schwarzbach \_\_\_\_\_ Date” 12/2/15  
Chairperson

NEXT MEETING: September 14, 2015 \*\*\*\*\*Placerville\*\*\*\*\* @ 2:30pm

## 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 <a href="#">County of El Dorado Community Development Agency Environmental Management Division</a>		County(s) [if a RAIWMP Review Report] <a href="#">El Dorado</a>	
Authorized Signature		Title <a href="#">CDA Director</a>	
Type/Print Name of Person Signing <a href="#">Steve Pedretti</a>		Date	Phone <a href="#">(530) 621 -5914</a>
Person Completing This Form (please print or type) <a href="#">Amy Velasco</a>		Title <a href="#">Supervising Environmental Health Specialist</a>	Phone <a href="#">(530) 621-6665</a>
Mailing Address <a href="#">2850 Fairlane Court Building C</a>	City <a href="#">Placerville</a>	State <a href="#">CA</a>	Zip <a href="#">95667</a>
E-mail Address <a href="mailto:amy.velasco@edcgov.us">amy.velasco@edcgov.us</a>			



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**SECTION 2.0 BACKGROUND**

This is El Dorado County’s fourth Five-Year Review Report since the approval of the CIWMP.

The following changes have occurred since the approval of the County’s planning documents or the last Five-Year CIWMP Review Report (whichever is most recent):

- Diversion goal reduction
- New regional agency
- Changes to regional agency
- New city (name(s) \_\_\_\_\_)
- Other: Departments have merged

Additional Information (optional)

Effective December 2, 2012, the El Dorado County Board of Supervisors combined the Development Services, Environmental Management, and Transportation Departments into a consolidated Community Development Agency (CDA). The Environmental Management Division of the Community Development Agency is responsible for implementation and oversight of the Summary Plan for El Dorado County California, its programs, and reporting.

**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 \_\_\_\_\_ LTF meeting.     electronically (fax, e-mail)     other (Explain): \_\_\_\_\_
- b. The County received the written comments from the LTF on \_\_\_\_\_.
- c. A copy of the LTF comments  
 is included as Appendix \_\_\_\_\_.  
 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**

When preparing the CIWMP Review Report, the county or regional agency must address at least the changes in demographics.

The following resources are provided to facilitate this analysis:

1. Demographic data, including population, taxable sales, employment, and consumer price index by jurisdiction for years up to 2006, are available at:

<http://www.calrecycle.ca.gov/LGCentral/Tools/DivMeasure/JuAdjFac.asp>. Data for years beyond 2006 can be found on the following websites:

- Population: [Department of Finance](#)
  - Taxable Sales: [Board of Equalization](#)
  - Employment: [Employment Development Department](#) Click on the link to Local Area Profile, select the county from the drop down menu, then click on the “View Local Are Profile” button.
  - Consumer Price Index: [Department of Industrial Relations](#)
2. The [Demographic Research Unit](#) of the California Department of Finance is designated as the single official source of demographic data for State planning and budgeting (e.g., find E-5 City/County Population and Housing Estimates under Reports and Research Papers and then Estimates).
  3. The Department of Finance’s Demographic Research Unit also provides a list of [State Census Data Center Network Regional Offices](#).

#### Analysis

Upon review of demographic changes since double-click here:<sup>1</sup>

- The demographic changes since the development of the CIWMP do not warrant a revision to any of the countywide planning documents. Specifically, \_\_\_\_\_.
- These demographic changes since the development of the CIWMP warrant a revision to one or more of the countywide planning documents. Specifically, \_\_\_\_\_. See Section 7 for the revision schedule(s).

#### Additional Analysis (optional)

El Dorado County’s original CIWMP was replaced by a Summary Plan for El Dorado County California in 1995. The SRREs, HHWEs, and NDFEs that were a part of the original CIWMP were incorporated into the Summary Plan by reference. Data used to evaluate this section was taken from the Summary Plan, SREEs, and California Department of Finance population data. Reviewing the population and total number of household in the County from 1990 when the CWIMP was written to 2015 reveals that the County population has increased an average of 1.27% per year and the total number of households has increased an average of 1.25% per year over that past 25 years. The Summary Plan identified that Economic Development Corporation in 1993 projected a 3.5% population increase annually into the 21<sup>st</sup> Century. Comparing the actual population and household changes over the past 25 years to the projections reveals that El Dorado County’s average population growth rate is slower than the rate projected and planned for in the Summary Plan.

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<sup>1</sup> The year of the data included in the planning documents, which is generally 1990 or 1991.

**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**

A number of tools to facilitate the analysis and review of such changes in the waste stream are available from the following CalRecycle sources:

1. Various statewide, regional, and local disposal reports are available at <http://www.calrecycle.ca.gov/LGCentral/Reports/DRS/Default.aspx>.
  - a. CalRecycle's [Disposal Reporting System](#) tracks and reports the annual estimates of the disposal amounts for jurisdictions in California; additional California solid waste [statistics](#) are also available.
  - b. CalRecycle's [Waste Flow by Destination or Origin](#) reports include solid waste disposal, export, and alternative daily cover. They show how much waste was produced within the boundaries of an individual city, or within all jurisdictions comprising a county or regional agency. These data also cover what was disposed at a particular facility or at all facilities within a county or regional agency.
2. The [Waste Characterization Database](#) provides estimates of the types and amounts of materials in the waste streams of *individual California jurisdictions* in 1999. For background information and more recent statewide characterizations, please see <http://www.calrecycle.ca.gov/WasteChar/WasteStudies.htm>
3. CalRecycle's [Countywide, Regionwide, and Statewide Jurisdiction Diversion Progress Report](#) provides both summary and detailed information on compliance, diversion rates/50 percent equivalent per capita disposal target and rates, and waste diversion program implementation for all California jurisdictions. Diversion program implementation summaries are available at <http://www.calrecycle.ca.gov/lgcentral/reports/diversionprogram/jurhist.aspx> and <http://www.calrecycle.ca.gov/lgcentral/reports/diversionprogram/jurhist.aspx>.

Together, these reports help illustrate changes in the quantities of waste within the county or regional agency 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 (now calculated as the 50 percent equivalent per capita disposal target), see [Per Capita Disposal and Goal Measurement \(2007 and Later\)](#) for details

- The county or regional agency (if it includes the entire county) continues to have adequate disposal capacity (i.e., equal to or greater than 15 years).
- The county does not have 15 years remaining disposal capacity within its physical boundaries, but the Siting Element does provide a strategy<sup>2</sup> for obtaining 15 years remaining disposal capacity.

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<sup>2</sup> Such a strategy includes a description of the diversion or export programs to be implemented to address the solid waste capacity needs. The description shall identify the existing solid waste disposal facilities, including those outside of the county or regional agency, which will be used to implement these programs. The description should address how

- The county does not have 15 years remaining disposal capacity and the Siting Element does not provide a strategy<sup>2</sup> for obtaining 15 years remaining disposal capacity. See Section 7 for the revision schedule(s).

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, El Dorado County has Solid Waste Service Agreements with several franchise waste haulers. Within the terms of the agreements, each franchisee is responsible for management and diversion of waste generated within the County. Below is a list of the Franchisees, their agreement term, and the landfills they currently utilize for disposal.

<b>Franchisee</b>	<b>Franchise Agreement Term Expiration</b>	<b>Landfills Used</b>	<b>Estimated Landfill Closure Date</b>
<b>El Dorado Disposal</b>	2019 (+10 if they complete new MRF)	Potrero Hills Forward Kiefer	2048 2021 2064
<b>South Tahoe Refuse</b>	2023 (+5 years if extension approved)	Lockwood (NV) Carson City (NV)	2151
<b>Tahoe Truckee Sierra Disposal</b>	Currently in negotiations: Estimate 2022 (+6 years if renewals approved)	Lockwood (NV)	2151
<b>Amador Disposal</b>	Consolidated w/ EDD	Uses EDD's MRF	See EDD
<b>American River Disposal</b>	Consolidated w/ STR	Uses STR's MRF	See SRT

Each of the franchise haulers have represented and warranted to the County that it has the experience, responsibility, and qualifications to arrange with residents, commercial, industrial, institutional, and other entities in their respective franchise area for the collection and safe transport to a MRF and/or transfer station and/or disposal facilities of MSW, and Recyclable Materials. Each of the franchise haulers are also responsible for choosing the facility for disposal of solid waste; provided, however, that any landfill utilized by the franchise hauler must be designed and constructed in accordance with applicable federal and state regulations.

- These changes in quantities of waste and changes in permitted disposal capacity since the development of the CIWMP warrant a revision to one or more of the planning documents. Specifically, \_\_\_\_\_. See Section 7 for the revision schedule(s).

Additional Analysis (optional)

NA

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the proposed programs shall provide the county or regional agency with sufficient disposal capacity to meet the required minimum of 15 years of combined permitted disposal capacity.

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

Since the approval of the CIWMP or the last Five-Year CIWMP Review Report (whichever is most recent), the county experienced the following significant changes in funding for the SE or SP:

- None

#### Analysis

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.

These changes in funding for the administration of the SE and SP warrant a revision to one or more of the countywide planning documents. Specifically, \_\_\_\_\_. See Section 7 for the revision schedule(s).

#### Additional Analysis (optional)

NA

### Section 4.4 Changes in Administrative Responsibilities

The county experienced significant changes in the following administrative responsibilities since the approval of the CIWMP or the last Five-Year CIWMP Review Report (whichever is most recent):

- None

#### Analysis

There have been no significant changes in administrative responsibilities or the changes in administrative responsibilities do not warrant a revision to any of the planning documents.

These changes in administrative responsibilities warrant a revision to one or more of the planning documents. Specifically, \_\_\_\_\_. See Section 7 for the revision schedule(s).

#### Additional Analysis (optional)

NA

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

This section addresses programs that were scheduled to be implemented, but were not; why they were not implemented; the progress of programs that were implemented; a statement as to whether programs are meeting their goals; and if not, what contingency measures are being enacted to ensure compliance with Public Resources Code Section 41751.

#### 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.

All program implementation information has not been updated in the EAR. Attachment \_\_\_\_\_ lists the SRRE and/or HHWE programs selected for implementation, but which have not yet been implemented, including a statement as to why they were not implemented.

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).

Attachment \_\_\_\_\_ lists changes in the use of nondisposal facilities (based on the current NDFEs).

c. Countywide Siting Element (SE)

There have been no changes to the information provided in the current SE.

Attachment \_\_\_\_\_ lists 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.

Attachment \_\_\_\_\_ lists changes to the information provided in the current SP.

2. Statement regarding whether Programs are Meeting their Goals

The programs are meeting their goals.

The programs are not meeting their goals. The discussion that follows in the analysis section below addresses the contingency measures that are being enacted to ensure compliance with [PRC Section 41751](#) (i.e., specific steps are being taken by local agencies, acting independently and in concert with \_\_\_\_\_, to achieve the purposes of the California Integrated Waste Management Act of 1989) and whether the listed changes in program implementation necessitate a revision to one or more of the planning documents. \_\_\_\_\_

Analysis

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

Changes in program implementation warrant a revision to one or more of the planning documents. Specifically, \_\_\_\_\_. See Section 7 for the revision schedule(s).

Additional Analysis (optional)

**Section 4.6 Changes in Available Markets for Recyclable Materials**

The county experienced changes in the following available markets for recyclable materials since the approval of the CIWMP or the last Five-Year CIWMP Review Report (whichever is most recent):

Composting and Anaerobic digestion of food waste materials: Food waste diversion poses a unique challenge as it is often too contaminated with non-compostable materials (dairy, meats, etc.) and packaging to be eligible for traditional composting. Recently a company called CleanWorld, located in Sacramento, became an option to food waste being generated on the west slope of the county. CleanWorld can accept and process all types of food waste and can accept it in the packaging. The materials go through a process to separate the food from the packaging. The packaging is then



recycled, and the food waste goes through an anaerobic digestion process. Products include natural gas which is used to fuel fleets of compatible vehicles in the area (Sacramento County, Sacramento State, etc.). The effluent is used as agricultural land application.

El Dorado Disposal is taking the food waste that is generated by commercial facilities participating in their pilot food waste program (in preparation for implementation of AB 1826) to CleanWorld.

Analysis

- There are no significant changes in available markets for recycled materials to warrant a revision to any of the planning documents. Specifically, \_\_\_\_\_.
- Changes in available markets for recycled materials warrant a revision to one or more of the planning documents. Specifically, \_\_\_\_\_. See Section 7 for the revision schedule(s).

Additional Analysis (optional)

**Section 4.7 Changes in the Implementation Schedule**

The following addresses changes to the county's implementation schedule that are not already addressed in Section 4.5:

**NONE**

Analysis

- There are no significant changes in the implementation schedule to warrant a revision to any of the planning documents. Specifically, \_\_\_\_\_.
- Changes in the implementation schedule warrant a revision to one or more of the planning documents. Specifically, \_\_\_\_\_.

Additional Analysis (optional)

Note: Consider for each jurisdiction within the county or regional agency the changes noted in Sections 4.1 through 4.7 and explain whether the changes necessitate revisions to any of the jurisdictions' planning documents.

**SECTION 5.0 OTHER ISSUES OR SUPPLEMENTARY INFORMATION (optional)**

The following addresses any other significant issues/changes in the county and whether these changes affect the adequacy of the CIWMP to the extent that a revision to one or more of the planning documents is needed:

**NONE**

Analysis

\_\_\_\_\_



**SECTION 6.0 ANNUAL REPORT REVIEW**

- The Annual Reports for each jurisdiction in the county 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.
- The Annual Reports for each jurisdiction in the county have been reviewed, specifically those sections that address the adequacy of the CIWMP (or RAIWMP) elements. The following jurisdictions reported the need to revise one or more of these planning documents, as listed.

\_\_\_\_\_

Analysis

The discussion below addresses the county'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:

\_\_\_\_\_

**SECTION 7.0 REVISION SCHEDULE (if required)**

\_\_\_\_\_

## 5 Year CIWMP Review

**NOTE:** Please do not change the locations of the referenced documents otherwise the links will break.

Thanks, Amy

### Section 4.0: Title 14, California Code of Regulations, Section 18788 (3)(A) Through (H)

#### Section 4.1: Changes in Demographics in the County or Regional Agency

When preparing the CIWMP Review Report, the county or regional agency must address at least the changes in demographics.

#### Population Changes 2010 - 2015

	1990	2010	2015	2015-2010 Difference	% Change for the Past 5 Years	2015-1990 Difference	25 Year % Change	Average % Change Per Year
<b>El Dorado County Total</b>	<b>125,995</b>	<b>181,058</b>	<b>184,917</b>	<b>3,859</b>	<b>2.09%</b>	<b>58,922</b>	<b>32%</b>	<b>1.27%</b>
EDC Unincorp	96,054	149,266	152,506	3,240	2.12%	56,452	37%	1.48%
City of Placerville	8,355	10,389	10,673	284	2.66%	2,318	22%	0.87%
City of South Lake Tahoe	21,586	21,403	21,738	335	1.54%	152	1%	0.03%

This data reveals that there has been an average population change in El Dorado County of 1.27% per year over the past 25 years, and a 2.09% increase from the last time the CIWMP was reviewed.

#### See References:

[E-4 Population Estimates for Counties and States 5-2015](#)

[2010 Census El Dorado County](#)

[SRRE for City of SLT and East Slope Unincorporated - Table 2-1, Page 2-2](#)

[SREE for City of Placerville and West Slope Unincorporated - Table 2-1, Page 2-2](#)

#### Total Households 2010 - 2015

	1990	2010	2015	2010-2015 Difference	5 Year % Change	1990-2015 Difference	25 Year % Change	Average % Change Per Year
<b>El Dorado County Total Households</b>	<b>61,451</b>	<b>88,159</b>	<b>89,293</b>	<b>1,134</b>	<b>1.27%</b>	<b>27,842</b>	<b>31%</b>	<b>1.25%</b>
EDC Unincorp	43,820	68,531	69,551	1,020	1.47%	25,731	37%	1.48%
City of Placerville	3,565	4,541	4,595	54	1.18%	1,030	22%	0.90%
City of South Lake Tahoe	14,066	15,087	15,147	60	0.40%	1,081	7%	0.29%

This data reveals that there has been an average # of households change in El Dorado County of 1.25% per year over the past 25 years, and a 1.27% increase from the last time the CIWMP was reviewed.

**See References:**

[E-5 2010 - 2015 City County Population and Housing Estimates](#)

[SRRE for City of SLT and East Slope Unincorporated - Table 2-1, Page 2-2](#)

[SREE for City of Placerville and West Slope Unincorporated - Table 2-1, Page 2-2](#)

**Data Evaluation Conclusion:**

**Based on the population and occupied housing data alone, I do not feel that the % increases warrant a revision to any of the planning documents.**

## 5 Year CIWMP Review

**NOTE:** Please do not change the locations of the referenced documents otherwise the links will break.

Thanks, Amy

### 5 Year CIWMP Review

**Section 4.0: Title 14, California Code of Regulations, Section 18788 (3)(A) Through (H)**

**Section 4.2: Changes in the quantities of Waste within the County or Regional Agency;  
and Changes in Permitted Disposal Capacity and Waste Disposal in the  
County or Regional agency**

Together, these reports help illustrate changes in the quantities of waste within the county or regional agency 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 (now calculated as the 50 percent equivalent per capita disposal target), see Per Capita Disposal and Goal Measurement (2007 and Later) for details.

#### Single Year County Wide Origin Detail

Report Year	El Dorado County Unincorporated			Placerville			South Lake Tahoe		
	Disposal Tons	Export Tons	Total Tons	Disposal Tons	Export Tons	Total Tons	Disposal Tons	Export Tons	Total Tons
1995	56,073	8,459	64,532	17,753	-	17,753	-	32,353	32,353
1996	59,975	10,186	70,161	11,945	-	11,945	-	31,737	31,737
1997	12,845	61,206	74,051	1,132	9,113	10,245	68	32,691	32,759
1998	2,432	69,267	71,699	639	9,843	10,482	1,431	33,354	34,785
1999	5,303	71,457	76,760	162	9,358	9,520	137	36,099	36,236
2000	4,697	76,878	81,575	363	10,299	10,662	259	34,900	35,159
2001	6,053	86,298	92,351	769	8,827	9,596	6	34,579	34,585
2002	9,804	93,517	103,321	699	7,599	8,298	11	46,314	46,325
2003	13,818	93,714	107,532	3,265	9,218	12,483	57	41,177	41,234
2004	36,246	85,220	121,466	1,707	8,064	9,771	32	34,084	34,116
2005	60,136	77,477	137,613	1,249	6,081	7,330	2	41,216	41,218
2006	83,568	46,814	130,382	1,451	3,303	4,754	41	44,998	45,039
2007	95,997	10,457	106,454	8,098	-	8,098	17	101,828	101,845
2008	106,809	10,498	117,307	9,651	-	9,651	12	46,755	46,767
2009	90,460	9,690	100,150	6,010	-	6,010	1	37,922	37,923
2010	74,010	10,017	84,027	13,362	-	13,362	3	33,914	33,917
2011	85,994	8,866	94,860	5,106	-	5,106	-	37,160	37,160
2012	80,826	8,369	89,195	10,407	-	10,407	-	33,644	33,644
2013	87,570	7,469	95,039	6,980	46	7,026	4	34,520	34,524

See References:

[Single Year Origin Detail 1995-2013](#)

Waste Generation vs. Population Growth

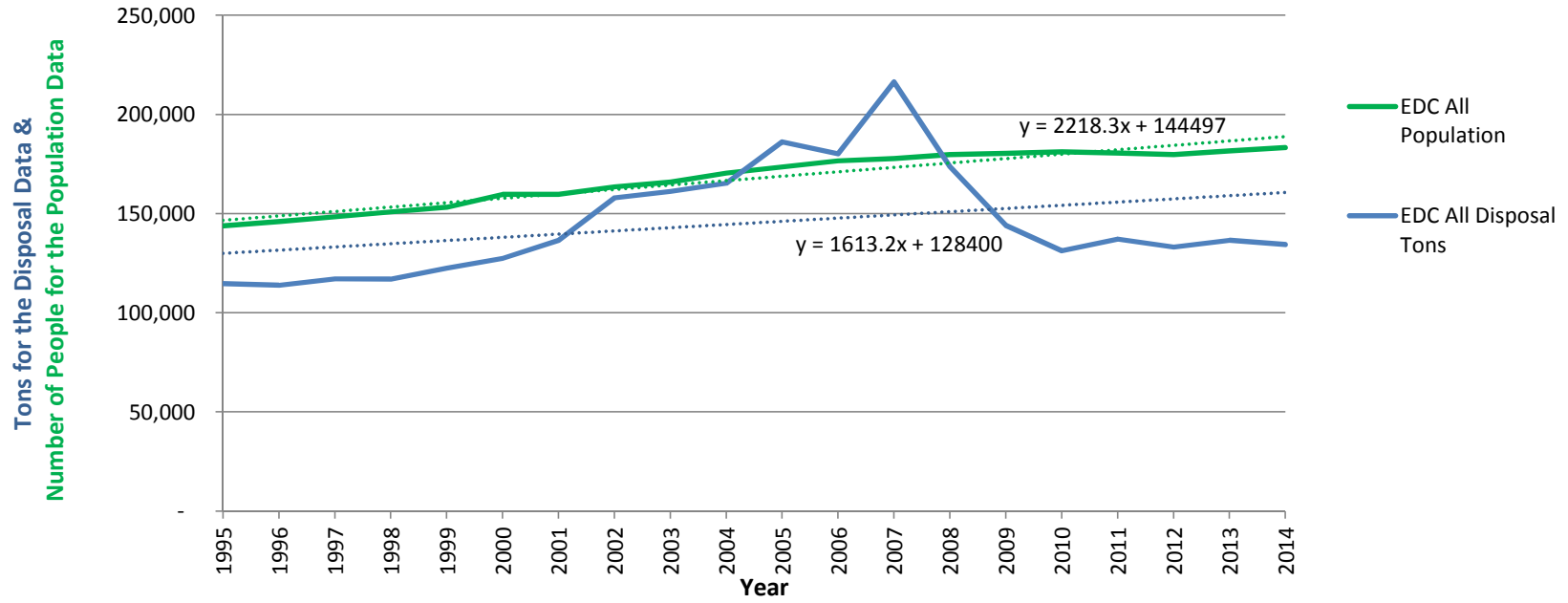
Report Year	El Dorado County Unincorporated		Placerville		South Lake Tahoe		EDC All	
	Total Tons	Population	Total Tons	Population	Total Tons	Population	Total Tons	Population
1995	64,532	111,700	17,753	8,875	32,353	23,250	114,638	143,825
1996	70,161	113,600	11,945	8,950	31,737	23,350	113,843	145,900
1997	74,051	115,700	10,245	9,250	32,759	23,450	117,055	148,400
1998	71,699	118,000	10,482	9,450	34,785	23,450	116,966	150,900
1999	76,760	120,200	9,520	9,500	36,236	23,500	122,516	153,200
2000	81,575	126,300	10,662	9,650	35,159	23,800	127,396	159,750
2001	92,351	125,826	9,596	9,911	34,585	23,956	136,532	159,693
2002	103,321	129,400	8,298	10,250	46,325	23,950	157,944	163,600
2003	107,532	131,800	12,483	10,200	41,234	23,850	161,249	165,850
2004	121,466	136,240	9,771	10,282	34,116	23,934	165,353	170,456
2005	137,613	139,505	7,330	10,228	41,218	23,778	186,161	173,511
2006	130,382	142,788	4,754	10,197	45,039	23,652	180,175	176,637
2007	106,454	143,997	8,098	10,187	101,845	23,582	216,397	177,766
2008	117,307	145,726	9,651	10,271	46,767	23,725	173,725	179,722
2009	100,150	147,496	6,010	10,330	37,923	22,564	144,083	180,390
2010	84,027	149,266	13,362	10,389	33,917	21,403	131,306	181,058
2011	94,860	148,847	5,106	10,308	37,160	21,328	137,126	180,483
2012	89,195	148,139	10,407	10,322	33,644	21,234	133,246	179,695
2013	95,039	149,785	7,026	10,425	34,524	21,448	136,589	181,658
2014	96,749	151,125	3,198	10,607	34,524	21,555	134,470	183,287

Note: I was not able to find the census population data for 2009 so I took the difference between 2010 and 2008, divided it in half, and added that value to the 2008 population. This represents an average population change for those years.

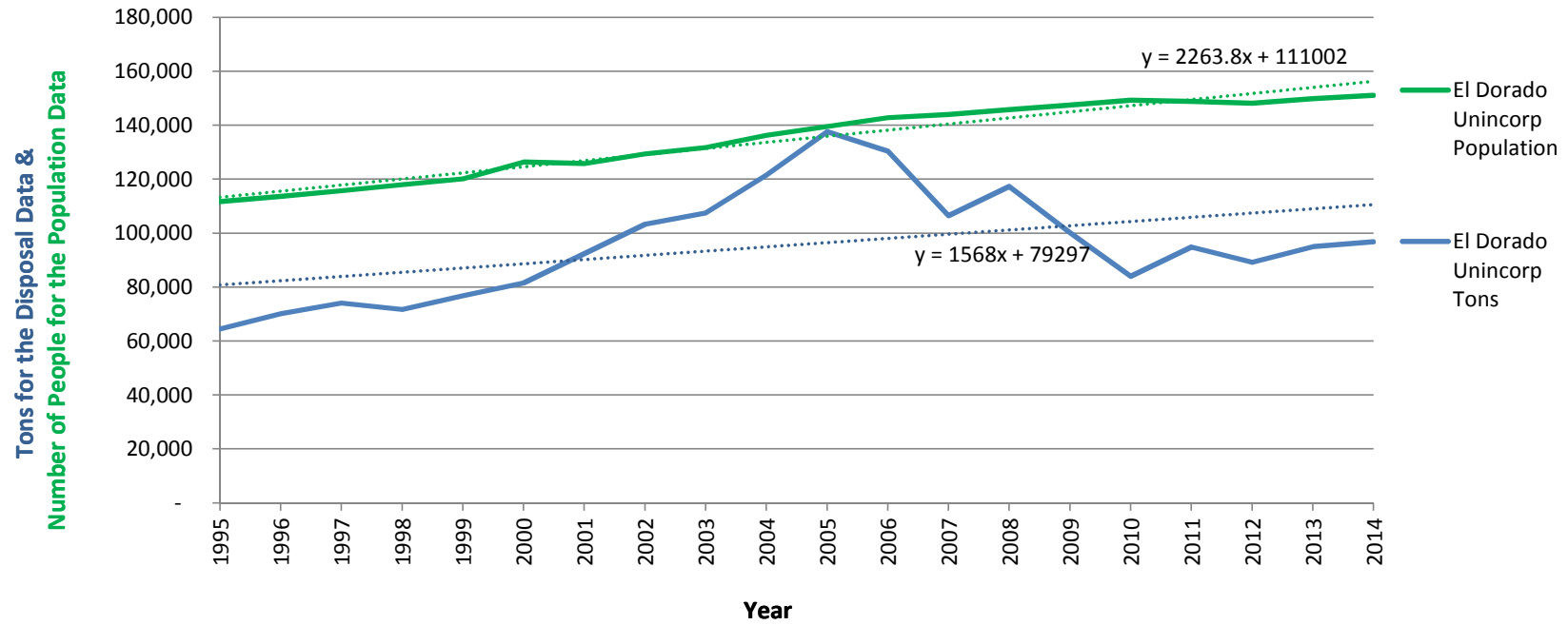
See References:

For Population Data	<a href="#">EDC Unincorp Default Adjustment Factors 5-2015</a> <a href="#">Placerville Default Adjustment Factors 5-2015</a> <a href="#">SLT Default Adjustment Factors 5-2015</a> <a href="#">2007-2008 California Population Estimates for Counties and Incorporated City</a> <a href="#">E-4 Populations Estimates for Cities, Counties, and States 5-2015</a>
For Disposal Data	<a href="#">Single Year Origin Detail 1995-2013</a> <a href="#">EDC Unincorp Overall LoGIC Report</a> <a href="#">Placerville Overall LoGIC Report</a>

Comparison of El Dorado County Disposal Tonnages vs. Population Growth



**Comparison of El Dorado County Unincorporated Disposal Tonnages vs. Population Growth  
1995 - 2014**

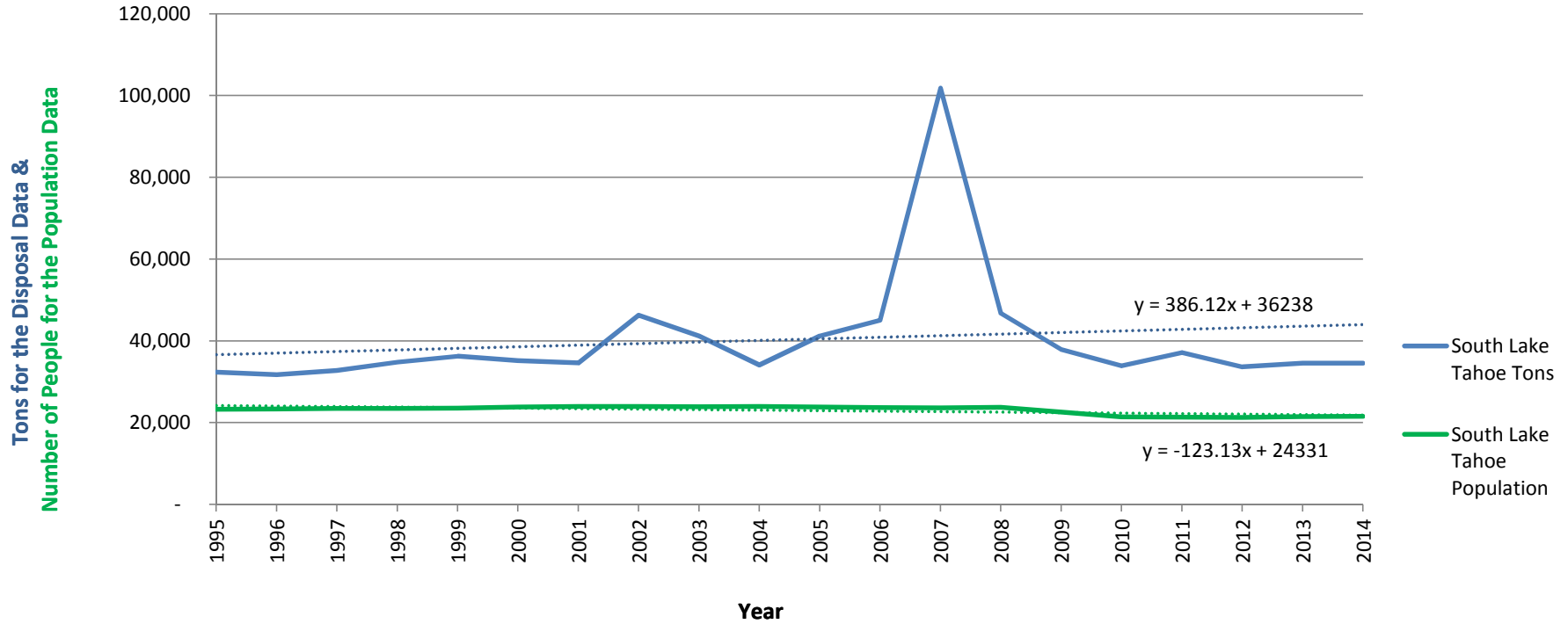


Comparison of Placerville Disposal Tonnages vs. Population Growth  
1995 - 2014





**Comparison of Placerville Disposal Tonnages vs. Population Growth  
1995 - 2014**



Landfill Contracts and Estimated Closure Dates	
El Dorado Disposal	
<a href="#">Potrero Landfill Permit</a>	2048
<a href="#">Forward Landfill Permit</a>	2021
<a href="#">Keifer Landfill Permit</a>	2035
South Tahoe Refuse	
<a href="#">Lockwood Landfill (NV)</a>	2151
<a href="#">Carson City Landfill (NV)</a>	2075
Tahoe Truckee Sierra Disposal	
<a href="#">Lockwood Landfill (NV)</a>	2151

## 5 Year CIWMP Review

**NOTE:** Please do not change the locations of the referenced documents otherwise the links will break.

Thanks, Amy

### 5 Year CIWMP Review

**Section 4.0: Title 14, California Code of Regulations, Section 18788 (3)(A) Through (H)**

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

Since the approval of the CIWMP or the last Five-Year CIWMP Review Report (whichever is most recent), the county experienced the following significant changes in funding for the SE or SP:

**There have been no significant changes in the funding sources for administration of the Siting Element and Summary Plan.**

The following changes have occurred but they do not have a significant change to the funding source for administration of the SE and SP.

2012: The Environmental Management Department is now a Division of the Community Development Agency.

2014: American River Disposal has consolidated with South Tahoe Refuse.

2014: Amador Disposal has consolidated with El Dorado Disposal.

In Progress: There has been a proposal for Sierra Disposal to be sold to El Dorado Disposal.

## 5 Year CIWMP Review

**NOTE:** Please do not change the locations of the referenced documents otherwise the links will break.

Thanks, Amy

### 5 Year CIWMP Review

**Section 4.0: Title 14, California Code of Regulations, Section 18788 (3)(A) Through (H)**

#### **Section 4.4: Changes in Administrative Responsibilities**

The county experienced significant changes in the following administrative responsibilities since the approval of the CIWMP or the last Five-Year CIWMP Review Report (whichever is most recent):

**There have been no significant changes in the administrative responsibilities.**

The following changes have occurred but they do not have a significant change to the administrative responsibilities.
---

2012: The Environmental Management Department is now a Division of the Community Development Agency.
--

2014: American River Disposal has consolidated with South Tahoe Refuse.
---

2014: Amador Disposal has consolidated with El Dorado Disposal.
---

In Progress: There has been a proposal for Sierra Disposal to be sold to El Dorado Disposal.
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## 5 Year CIWMP Review

**NOTE:** Please do not change the locations of the referenced documents otherwise the links will break.

Thanks, Amy

## 5 Year CIWMP Review

**Section 4.0: Title 14, California Code of Regulations, Section 18788 (3)(A) Through (H)**

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

This section addresses programs that were scheduled to be implemented, but were not; why they were not implemented; the progress of programs that were implemented; a statement as to whether programs are meeting their goals; and if not, what contingency measures are being enacted to ensure compliance with Public Resources Code Section 41751.

### SOURCE REDUCTION AND RECYCLING ELEMENTS

#### Source Reduction Programs

Variable Can Rate: **DONE**

Each of the franchise waste haulers offer a variable rate schedule.

[South Tahoe Refuse](#)

[El Dorado Disposal](#)

[Tahoe Truckee Sierra Disposal](#)

[Sierra Disposal Services](#)

[Amador Disposal/EDD](#)

[American River Disposal Service/STR](#)

Office Paper Policy: **ONGOING**

[El Dorado County Board of Supervisor's Policy C-13 is "Recycled Paper Products Procurement" dated 1991.](#)

[El Dorado County Board of Supervisor's Policy C- is "Recycled Paper Products Procurement" dated 1991.](#)

ALSO: Environmental Management plans to work with County Facilities to see what opportunities there may be to enhance County Government recycling while being budget conscious. EMD plans to evaluate garbage service expense vs. cost to purchase more recycling bins for County offices and see if money can be saved over time by reducing garbage service and increasing recycling rates.

Educational Programs: **ONGOING/PENDING**

[El Dorado County Environmental Management Solid Waste Recycling webpage](#)

[El Dorado County Environmental Management Household hazardous Waste Webpage](#)

[El Dorado County Environmental Management Used Oil Recycling Website](#)

[El Dorado County Environmental Management Medical Waste Webpage](#)

[El Dorado County Environmental Management Mandatory Commercial Recycling Webpage](#)

[El Dorado County Environmental Management Litter Abatement Program Webpage](#)

[El Dorado County Environmental Management Construction and Demolition Debris Recycling Webpage](#)

[El Dorado County Environmental Management Integrated Waste Management Act AB 939 Webpage](#)

[South Tahoe Refuse - Recycling](#)

[El Dorado Disposal Recycling](#)

[El Dorado Disposal - Recycling Centers \(at bottom of page\)](#)

[Tahoe Truckee Sierra Disposal \( See "Recycling" at the top of the webpage.\)](#)

[Sierra Disposal Services - Recycling](#)

[American River Disposal Service/STR - Recycling](#)

Amador Disposal/EDD (See EDD's webpages listed above)

In addition to all the educational resources that are available on line for El Dorado County residents, each of the waste haulers send out mailer, advertise in community papers, participate and volunteer their services in numerous community events. When available, EMD does educational outreach as part of several of the Grants awarded by CalRecycle: Used oil and used oil filter collection, beverage container recycling, waste tire amnesty, etc.

[EMD has developed a webpage dedicated to AB 1826 Mandatory Commercial Organics Recycling and encouraging businesses to participate even when they are mandated to do so.](#)

[PENDING: Under the terms of the newly executed Franchise Agreement between El Dorado County and Waste Connections Inc. dba. El Dorado Disposal, a new MRF will be built and completed within 5 years. The new MRF will include a new public education center.](#)

PENDING: In collaboration with the franchises, County Office of Educations, Master Gardeners, and other applicable organizations, EMD plans to create educational videos on the STR and EDD MRFS/TSS, UM Landfill, and HHW Programs offered in the county as well as develop composting pamphlets, information on white goods salvaging, and educational curriculum for schools to use.

#### Waste Audits: **ONGOING**

[El Dorado Disposal offers waste audits to their commercial, multifamily, and school accounts in their service area.](#)

[South Tahoe Refuse offers waste audits to their commercial, multifamily, and school accounts in their service area.](#)

[Sierra Disposal Services offers waste audits to commercial and school accounts in their service area. SDS currently does not have any multifamily units in their service area but they will offer waste audits to them if this changes.](#)

#### Backyard/Home Composting: **ONGOING/PENDING**

[El Dorado Disposal provides educational information on how to build and maintain a backyard compost bin on their community service webpages \(at bottom of page\).](#)

South Tahoe Refuse works with the Lake Tahoe Master Gardeners to promote and educate South Lake Tahoe residents on Composting. The Lake Tahoe Master Gardeners take the lead role in providing information on home composting.

PENDING: EMD plans to develop a backyard composting webpage designed to educate residents throughout the County how to compost, the benefits, Q&A, and troubleshooting. EMD plans to work with the franchises and master gardeners to enhance this program and encourage more residents to compost at home.

#### Public Recognition Awards: **PENDING**

EMD has not yet implemented a public recognition award program. We are currently working on a county wide recycling campaign and, provided we can find funding, we plan to create window clings to distribute to commercial businesses who are excelling in their recycling and food waste recycling mandates. The window clings would let the public and other businesses know that the particular business is doing their part to recycle and keep El Dorado County beautiful.

EMD is always looking for grant opportunities that may be used to implement some sort of a public recognition award program.

#### Waste Reduction and Recycling Policy: **PENDING/ONGOING**

El Dorado County does not have any County Ordinances that require businesses to establish a policy for source reduction practices such as two-sided copying, use of electronic mail, reuse of paper products, etc.; although, AB 341 requires commercial businesses and apartment complexes (meeting certain thresholds) have mandatory recycling. AB 341 requirements are provided on franchise hauler and EMD websites. Also, residential and commercial recycling collection is free in all service areas.

[EMD Mandatory Commercial Recycling Website](#)

[STR Mandatory Commercial Recycling Flyer](#)

[EDD Mandatory Commercial Recycling Flyer](#)

### Recycling Programs

#### Material Recovery Facilities (MRF): **ONGOING**

[EDD MRF Website](#)

[STR MRF Website](#)

[TTSD MRF Website](#)

[Under the terms of the newly executed Franchise Agreement between El Dorado County and Waste Connections Inc. dba. El Dorado Disposal, a new MRF will be built and completed within 5 years. \(See link for details\)](#)

**Transfer Stations: ONGOING**

Each of the MRF that are used by El Dorado County franchise haulers are also transfer stations.

[El Dorado Disposal MRF Website](#)

[South Tahoe Refuse MRF Website](#)

[Tahoe Truckee Sierra Disposal MRF Website](#)

**Curbside Recycling Program: ONGOING**

EDD: Up to three 96 gallon carts serviced by-weekly with garbage service, curbside paint/e-waste voucher, curbside spring/fall green waste voucher, curbside used oil/ used oil filter collection (by appointment), curbside bulky item collection voucher (includes white goods - freon costs extra), curbside household battery collection, and Christmas tree curbside collection.

STR: Unlimited Blue bag recycling- mixed recyclables all in bags (weekly pickup), one free bulk item curbside pickup in unincorporated El Dorado County.

SDS: Residential blue bag recycling will transition to cart system by 2016. One bulk item curbside pick up per residential customer per year, plus one annual curbside e-waste pickup and unlimited battery and fluorescent tube curbside residential pickup, effective January 2015.

**Commercial Recycling Program: ONGOING**

AB 341 requires commercial businesses and apartment complexes (meeting certain thresholds) have mandatory recycling. AB 341 requirements are provided on franchise hauler and EMD websites.

[EMD Mandatory Commercial Recycling Website](#)

[South Tahoe Refuse Mandatory Commercial Recycling Flyer](#)

[El Dorado Disposal Mandatory Commercial Recycling Flyer](#)

[American River Disposal Mandatory Commercial Recycling Flyer](#)

EDD has 210 accounts subject to AB 341. Of those, 22 are not in compliance (90% are in compliance). Their Sustainability Coordinator is working on gaining compliance from those that are out. Businesses and schools get free recycling service with their garbage service.

STR has 461 accounts subject to AB 341. All STR commercial and multi-family customers are all in compliance as they participate in the MRF, which qualifies under the state regulations (100% are in compliance). Businesses and schools get free recycling service with their garbage service.

With the adoption of AB 1826, EDD and STR are planning and preparing to implement food waste collection programs. They each currently offer pilot food waste collection programs to customers who are interested. Food waste collected in South Lake Tahoe is taken to Full Circle Compost in NV for composting. Food waste that is collected on the west slope if taken to CleanWorld and processed via anaerobic digestion. The products of this process include compressed natural gas, and effluent which can be used for agricultural application. EMD will be updating their Solid Waste website to include information on the new regulations.

**Composting Programs**

**Collection Alternatives for Yard Waste Diversion: ONGOING**

[EDD offers backyard composting support, spring and fall curbside green waste special pickups, and MRF green waste voucher.](#)

[STR offers unlimited yard waste collection. Residential customer have to bag the materials and place them out on their regular garbage day for pick up.](#)

[El Dorado Fire Safe Council: Chipper and Green Waste Programs](#)

**Processing Alternatives for Yard Waste Diversion: ONGOING**

STR Resources Recovery Facility: STR has developed an extensive wood recycling program in South Lake Tahoe, diverting natural vegetation and milled wood for beneficial use (See below). The remainder of our natural vegetation and all of our milled wood are sent to regional composting projects with Bently Agrowdynamics and Full Circle Compost in the Carson Valley.

[EDD's green waste goes to Lopez Ag in Sacramento to be composted.](#)

[EDD plans for the new MRF include ability to grind wood on-site and a state of the art C&D sort line, conveyor, screen & magnet.](#)

[Overview of the green waste collection offered in El Dorado County.](#)

**Marketing Alternatives for Yard Waste Diversion: ONGOING/PENDING**

The product of STR's yard waste recovery including processed slash and clean pine needles are marketed for soil erosion and stabilization projects around the Tahoe Basin, reducing the introduction of non-native seeds and harmful weeds into the Basin. Agencies like the California Department of Transportation and South Tahoe Public Utility District have taken the lead by prioritizing use of these materials in their contract specifications.

PENDING: The County has not yet developed an incentive program to encourage the use of compost and generic mulches for water conservation and erosion Control. Contingency measures (pg 5-8 Summary Plan):

- \* **Require the use of compost by all public services:** Revising the El Dorado County Environmentally Preferable Purchasing Plan (EP3). Collaborating with EDC Chief Administrative Office to revise and implement the new EP3. Timeline: In progress, January 2016.
- \* **Appeal to public and all levels of government (state, local, and federal) to accept free compost for their use:** Compost must be purchased. We can develop a program to encourage use of compost and provide the pros and cons vs. other traditional alternatives.
- \* **Appeal to State/County for permission to use compost and/or mulch as landfill cover:** If it is applied as landfill cover will it count as diversion?

**Special Waste Programs**

**White Goods Salvaging: ONGOING**

Both EDD and STR collect white goods in a designated white goods area of their MRFs. Freon is removed (if applicable) and the white goods are salvaged for the scrap metal.

STR provides "bulky waste" pickup from residents on an on call basis. "Bulky good" includes white goods. There is an extra fee for items containing refrigerant.

EDD provides "bulky waste" pickup from residents via a voucher program. Residents get two vouchers per year. One of them is for the curbside collection of a "bulky waste" item and the other is for free drop off at the MRF. Curbside collection requires an appointment. "Bulky good" includes white goods. There is an extra fee for items containing refrigerant.

**Cement Plants: NOT APPLICABLE**

[Today, there are far better beneficial reuse options for recycling waste tires than sending them to cement plants to be used as tire derived fuel. CalRecycle offers a website which described the many beneficial reuse options.](#)

The waste tires collected at EDD are collect to East Bay Tire Company. East Bay Tire Company tries are chipped for reuse as tire derived product/aggregate.

The waste tires collected at STR are collect to Ray's Tire Exchange. Ray's Tire Exchange re-sells tire that still have remaining treds and the remaining tries are chipped for reuse as tire derived product/aggregate.

**Brush Chipping: ONGOING**

STR's Resources Recovery Facility: STR has developed an extensive wood recycling program in South Lake Tahoe, diverting natural vegetation and milled wood for beneficial use (See below). The product of STR's yard waste recovery including processed slash and clean pine needles are marketed for soil erosion and stabilization projects around the Tahoe Basin, reducing the introduction of non-native seeds and harmful weeds into the Basin. Agencies like the California Department of Transportation and South Tahoe Public Utility District have taken the lead by prioritizing use of these materials in their contract specifications. The remainder of our natural vegetation and all of our milled wood are sent to regional composting projects with Bently Agrowdynamics and Full Circle Compost in the Carson Valley.

[EDD plans for the new MRF include ability to grind wood on-site and a state of the art C&D sort line, conveyor, screen & magnet.](#)

Once the new EDD MRF is in operation, EMD will collaborate with them to implement used the chipped materials locally for beneficial erosion and waste conservation.

#### Composting Sewage Sludge: **ONGOING**

EDC sewage sludge is processed at Union Mine Landfill in the on-site waste water treatment plant. The sludge cake which results anaerobic digestion of the sewage, is buried in the on site landfill. The landfill is closed to the public and is only permitted for the sludge cake materials. Union Mine wastewater treatment plant currently processes septic tank waste (septage), portable toilet waste and liquid waste from the landfill (leachate). The landfill has three leachate collection systems and the landfill gas collection system. The landfill gas is incinerated in a flare and micro turbines are used to produce power for the wastewater treatment plant.

South Tahoe Public Utility District Sewage Treatment Plant sends their sewage sludge (Non Class A Class B) to Bently Agrowdynamics to be composted into fertilizer. 100% of the material is recycled.

City of Placerville Sewage Treatment Plant sends their sewage sludge (Class B biosolid, trying to get it reclassified to Class A but that will likely require additional treatment) to Sacramento County where it is \_\_\_\_\_

#### HOUSEHOLD HAZARDOUS WASTE ELEMENTS

#### Periodic Collection Program: **ONGOING**

EMD occasionally offers temporary HHW collection to the remote areas of the county. Due to the recession and advisement from EDC Government Management, EMD did not perform an temporary event during the recession. As we begin to recover from the recession, EMD has been able to offer temporary events again. Below is a list of the events that have been offered.

Filter Exchange: October 27, 2012 South Lake Tahoe

Filter Exchange: October 28, 2012 Pollock Pines

Filter Exchange: November 3, 2012 Placerville

Filter Exchange: November 4, 2012 Cameron Park

Filter Exchange: April 12, 2014 Cameron Park

Filter Exchange: April 13, 2014 Placerville

Filter Exchange: April 26, 2014 Pollock Pines

Filter Exchange: April 27, 2014

Temporary HHW Event: May 10, 2014 Camino

Temporary HHW Event: September 13, 2014 Tahoma

Temporary HHW Event: June 13, 2015 Pioneer

#### Permanent Collection Facility: **ONGOING**

[EMD offers a permanent HHW collection site at EDH Fire Station 86, 3670 Bass Lake Road, EDHs the 1st and 3rd Saturdays of each month \(9am - 12pm, and weather/holidays permitting\).](#)

[EDD offers a permanent HHW collection site at their MRF every Friday, Saturday, and Sunday \(9am - 12pm and 1pm - 4pm\).](#)

[STR offers a permanent HHW collection site at their MRF every Tuesday and Saturday \(9am - 12pm and 1pm - 4pm\).](#)

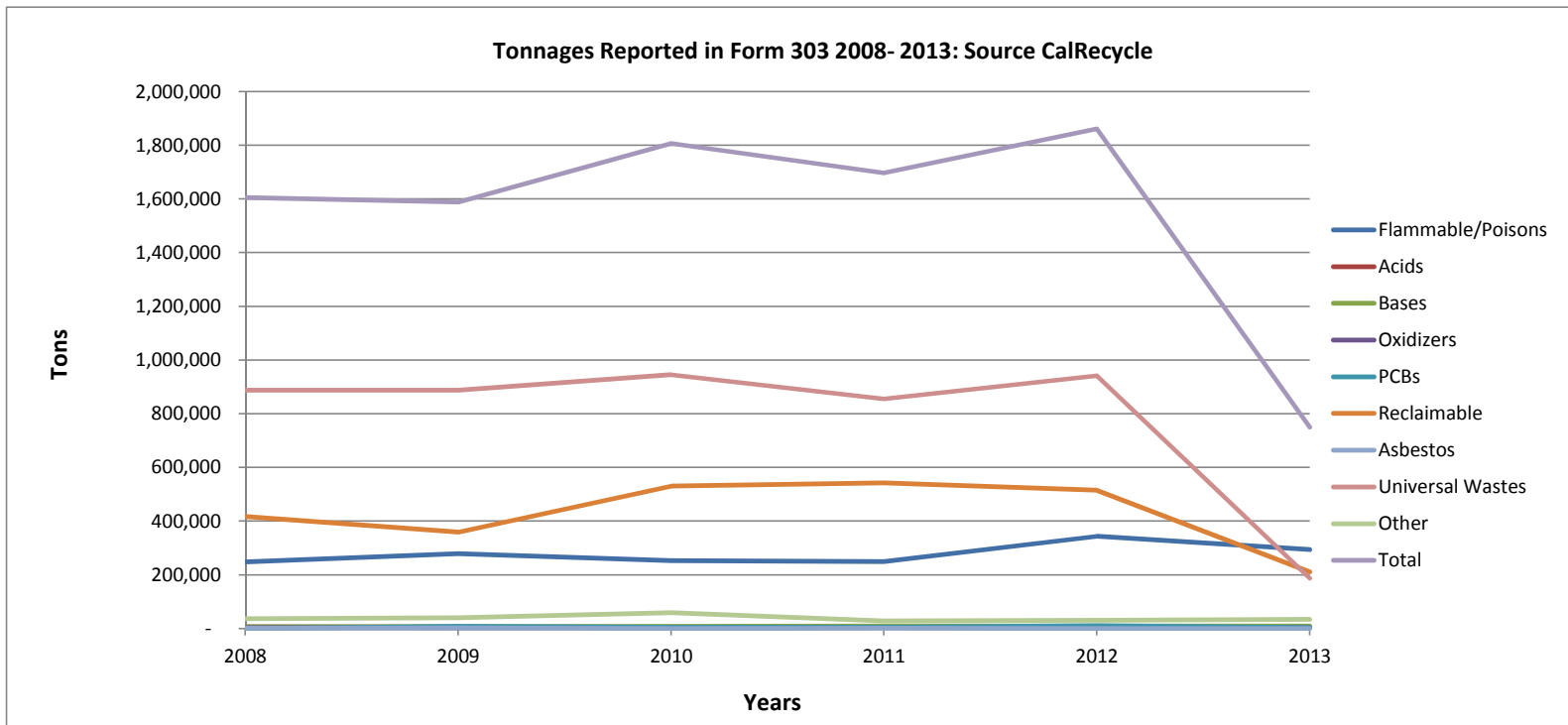


[TTSD offers a permanent HHW collection site at their MRF every. Their customers must make an appointment to bring HHW to the facility.](#)

[EMD created a flyer which provides locations and times for each permanent HHW collection site as well as each used oil and oil filter collection center in the County and provides an overview what materials are acceptable and not acceptable.](#)

Tonnages Reported in Form 303 FY 09/10 - FY12/13: Source CalRecycle

	2008	2009	2010	2011	2012	2013	Totals
<b>Flammable/Poisons</b>	247,603	279,133	252,445	249,116	344,277	294,466	1,667,040
<b>Acids</b>	6,090	5,973	4,962	5,315	6,593	6,999	35,932
<b>Bases</b>	6,545	6,765	8,551	8,759	9,060	9,601	49,281
<b>Oxidizers</b>	2,887	1,633	3,210	3,807	3,929	3,623	19,089
<b>PCBs</b>	-	7,657	4,058	4,136	10,354	3,700	29,905
<b>Reclaimable</b>	416,995	359,100	530,838	542,220	514,808	210,827	2,574,788
<b>Asbestos</b>	400	1,548	-	400	200	80	2,628
<b>Universal Wastes</b>	887,860	887,090	945,257	855,300	941,831	187,727	4,705,065
<b>Other</b>	36,905	39,505	58,461	27,651	30,845	33,433	226,800
<b>Total</b>	<b>1,605,285</b>	<b>1,588,404</b>	<b>1,807,782</b>	<b>1,696,704</b>	<b>1,861,897</b>	<b>750,456</b>	<b>9,310,528</b>



**Waste Acceptance Control Programs: ONGOING**

HHW Technicians at STR are trained annually and are on site to provide assistance to cashiers and load checkers on an on need basis. Load checks of self haul vehicles are conducted daily. Transfer station employees are trained in detection of toxics and recognition of containers which might contain toxics, as well as spill prevention and response through the monthly MRF training sessions.

All of EDD's load checking employees have received Larry Sweetzer's Load Checking training. The Traffic Directors load check throughout the day.

**Recycling/Waste Exchange: PENDING**

El Dorado County Environmental Management does not yet offer a HHW recycling/waste exchange program. We have explored the option over the past 5 year but due to budgetary constraints and limited resources the program has not been implemented. There are also safety and liability concerns which we will have to address before implementation can take place.

**Public Education and Information: ONGOING**

[El Dorado County Environmental Management Household hazardous Waste Webpage](#)

[El Dorado County Environmental Management Used Oil Recycling Website](#)

[El Dorado County Environmental Management Medical Waste Webpage](#)

[EDD HHW Webpage](#)

[STR HHW Webpage](#)

[TTSD HHW Webpage](#)

[EDC HHW Flyer](#)

[EDC Certified Used Oil Collection Centers Flyer](#)

[Ads for the filter exchange events](#)

**NONDISPOSAL FACILITY ELEMENTS: PENDING**

**TRANSFER STATIONS: PENDING - Providing alternative programs**

North County Small Volume Transfer Station (SVTS): Proposed jurisdictions using the facility include Georgetown, Lotus/Greenwood, and neighboring communities (SDS Service area). This is one of the Near Term Strategies in the El Dorado County Solid Waste Management Plan (Strategy 3.5). Although this element/strategy has not yet been implemented, several features of the SDS franchise agreement with EDC offer collection of the types of wastes targeted to be collected at the SVTS: one curbside bulky item pick up per year (white goods included although an extra fee may apply for removal of freon, if applicable), curbside pickup of used oil, used oil filters, household batteries, and fluorescent bulbs by appointment, one time per year pick up of electronic wastes, one free community-wide bulk item event per year, and provide up to 12 green waste bins for fuels reduction projects throughout the service area (SDS) each year.

Pollock Pines/Camino SVTS: Proposed jurisdictions using the facility include Camino, Pollock Pines, and neighboring communities (EDD service area). Although this element has not yet been implemented, several features of the EDD franchise agreement with EDC offer collection of the types of wastes targeted to be collected at the SVTS: one MRF green waste voucher per year, one curbside voucher for household paint and fluorescent tubes/bulbs, one MRF bulky item voucher, one residential collection voucher, four community clean up events (including Pollock Pines and Camino), one green waste specific community event, and two curbside green waste special pick up opportunities (spring and fall).

[EDD Vouchers](#)

South County SVTS: Proposed jurisdictions using the facility include Somerset, Mt. Aukum, and neighboring communities (EDD?ADS service area). This is one of the Near Term Strategies in the El Dorado County Solid Waste Management Plan (Strategy 3.5). Although this element/strategy has not yet been implemented, several features of the SDS franchise agreement with EDC offer collection of the types of wastes targeted to be collected at the SVTS: one MRF green waste voucher per year, one curbside voucher for household paint and fluorescent tubes/bulbs, one MRF bulky item voucher, one residential collection voucher, four community clean up events, one green waste specific community event, and two curbside green waste special pick up opportunities (spring and fall).

[South Tahoe Refuse Co., Inc. Transfer Station: Jurisdictions using the facility include the City of South Lake Tahoe, Unincorporated East Slope, and Lake Tahoe portion of Douglas County in NV. IN OPERATION](#)

**MATERIAL RECOVERY FACILITIES: ONGOING - In operation**

[South Tahoe Refuse Co., Inc. Transfer Station: Jurisdictions using the facility include the City of South Lake Tahoe, Unincorporated East Slope, and Lake Tahoe portion of Douglas County in NV.](#)

[Western El Dorado MRF : Jurisdictions using the facility include the City of Placerville and unincorporated west slope of EDC.](#)

**COMPOST FACILITIES: PENDING**

	<p><b>El Dorado Irrigation District/JPA Co-composting project: Proposed jurisdictions using the facility include Placerville, City of Jackson (Amador County), Unincorporated West Slope.:</b> JPA was unfavorable by various parties and not developed. Perhaps we can revisit in the future. EMD is working in collaboration with the economic Development Division of CDA and CalRecycle to see if we can become or become part of a Recycling Marketing Development Zone (RMDZ) which could ease the permitting requirements and offer low interest loans for recycling businesses who would like to come to El Dorado County. EDC had a new Director of the Economic Development Division of CDA. EMD has met with him to discuss the program and its possible benefits to the County's economic development. One of the many possible recycling businesses that would be approved for the benefits of RMDZ include composting and or anaerobic digestion of green and food wastes.</p>
	<p><b>Pine needle/mulch/compost Project: Proposed jurisdictions using the facility include South Lake Tahoe, Unincorporated East Slope, and Lake Tahoe portions of Douglas County in NV.:</b> Pine needles/mulch and other green wastes (including food from pilot food waste collection program) is going to Full Circle Compost to be composted. The product is sold by Full Circle Compost.</p>
	<p><b>Western El Dorado Compost Facility: Proposed jurisdictions using the facility include Placerville and Unincorporated West Slope:</b> If implemented, WERS/EDD could benefit from RMDZ as well.</p>

**OUT OF COUNTY MRF: IN OPERATION**

	<p>Eastern Regional MRF/Transfer Station: jurisdictions using the facility include City of Colfax (Placer County), Truckee (NV County), and Unincorporated portions of Nevada County, Eastern Placer County, and northeastern El Dorado County.</p>
	<p><a href="#">Residential side of the TTSD MRF</a></p>
	<p><a href="#">Commercial side of the TTSD MRF</a></p>

ERL is making improvements to their facility including: trommel for more efficient/effective processing of construction debris, as well as upgrades to ERL's processing line, including enhanced metering and presentation of the waste stream and re-aligned picking stations.

**JURISDICTIONAL COORDINATION/CONSOLIDATION**

**Table 5-8 Integrated Implementation Schedule for Short-Term Planning Period of City of Placerville and West Slope Unincorporated Area of El Dorado County**

Tasks	Start Up Date	Responsible Agency	Funding			Timeline Update
			Cost (\$)	Total Revenue (\$)	Revenue Source	
Audit franchises	May-91	EMD	\$ 70,000	\$ -	CSA #10	NA
Develop a UM LF video	May-91	EMD,BOS	\$ 5,000	\$ -	CSA #10	NA
Develop proposal for residential curbside recyclables collection service	Jul-91	Franchises	\$ 10,000	\$ -	Private	NA

Conduct waste audit of fairgrounds	Jul-91	EMD, Division of Fairgrounds	\$ 2,000	\$ -	General Fund, Fairgrounds Enterprise	NA
Approve proposal for residential curbside recyclables collection service	Sep-91	EMD, BOS, EDHCSD, PCC	\$ 5,000	\$ -	General Fund, CSA #10, Franchise fee	NA
Develop an RFP for commercial recycling collection service	Sep-91	EMD, PCS	\$ 2,000	\$ -	General Fund, CSA #10	NA
Conduct a waste audit of Christmas trees	Dec-91	EMD, Tree Services	\$ 2,000	\$ -	General Fund, CSA #10	NA
Compile a list of existing local newsletters	Jan-92	EMD, Consultant	\$ 1,000	\$ -	CSA #10	NA
Develop curbside recycling canvassing program	Jan-92	Franchises	\$ 20,000	\$ -	Rate Payer	NA
Implement west slope residential curbside recyclables collection service	Mar-92	EMD, EDSI	\$ 500,000	\$ -	Rate Payer	NA
Identify stockpile locations for white goods	Mar-92	Franchises	\$ -	\$ -	Rate Payer	NA
Evaluate variable can rate ordinance	Jun-92	EMD, BOS, EDHCSD, PCC	\$ 2,000	\$ -	General Fund, CSA #10	NA
Obtain and place containers for tire recycling	Oct-92	EMD, Franchises	\$ 10,000	\$ -	Rate Payer	NA
Develop and implement an office white paper policy for all public access	Jan-93	EMD, BOS, PCS	\$ 2,000	\$ -	General Fund, CSA #10	NA
Develop recycling informational materials	Jan-93	EMD, Franchises	\$ 5,000	\$ -	General Fund, CSA #10	NA
Develop waste management school curriculum	Jan-93	EMD, Franchises, Co Office of Ed.	\$ 15,000	\$ -	Numerous	NA
Develop and implement an antiscavaging ordinance	Jan-93	EMD, BOS, PCC	\$ 2,000	\$ -	General Fund, CSA #10	NA
Develop and implement a solid waste management system	Jan-93	EMD	\$ 10,000	\$ -	General Fund, CSA #10	NA
Develop source reduction education programs targeting consumers, businesses, and large generators of waste	Jun-93	EMD, Franchises, PCS	\$ 10,000	\$ -	General Fund, CSA #10, Rate Payer	NA
Develop source reduction informational materials	Jun-93	EMD, Franchises	\$ 5,000	\$ -	General Fund, CSA #10, Rate Payer	NA
Develop public information and education on white goods salvaging	Jun-93	EMD, Franchises	\$ 2,000	\$ -	General Fund, CSA #10	2017
Obtain equipment for white goods salvaging program	Jun-93	Franchises	\$ 10,000	\$ -	Rate Payer	NA
Train personnel for white goods salvaging program	Jun-93	Franchises	\$ 1,000	\$ -	Rate Payer	NA
Establish and adopt illegal dumping ordinance	Jun-93	EMD, BOS, EDHCSD, PCC	\$ 15,000	\$ -	General Fund, CSA #10	NA
Develop and issue contracts for siting, permitting, acquisition, construction, financing, and operations of west slope MRF	Jun-93	EMD, BOS	\$ 10,000	\$ -	General Fund, CSA #10	NA
Develop a video on HHW	Sep-93	EMD, BOS	\$ 5,000	\$ -	CSA #10	2017
Develop home composting educational/instructional (how?/why?) pamphlets	Sep-93	EMD, Contractor, PCC	\$ 10,000	\$ -	General Fund, CSA #10, Rate Payer	2017
Conduct workshops/in service training on waste management school curriculum	Sep-93	EMD, Franchises, Co Office of Ed.	\$ 5,000	\$ -	Numerous	NA
Develop a public information center	Sep-93	EMD	\$ 5,000	\$ -	CSA #10	2015/2016
Develop education and information program on yard waste and compost marketing collection	Sep-93	EMD, Contractor, PCC	\$ 9,000	\$ -	General Fund, CSA #10, Rate Payer	NA
Develop and implement a rezoning ordinance to allow a drop-off recycling center in residential neighborhoods	Sep-93	EMD, BOS, PCC	\$ 2,000	\$ -	General Fund, CSA #10	NA

Contact cement plant for tire recycling program	Oct-93	EMD, Contractor	\$ 500	\$ -	Rate Payer	NA
Sign contract with cement plant for tire recycling program	Oct-93	EMD, Contractor	\$ 500	\$ -	Rate Payer	NA

Not Implemented.

[There are more environmentally friendly ways of recycling waste tires.](#)

[White goods are accepted at each of the MRFs. EDD offers curbside pick up via a voucher program for it's residential customers.](#)

[School curriculum today is mandated by the State Office of Education and teachers/school districts have limited flexibility in choosing the specific curriculum they teach.](#)

[Calrecycle does not have a White good salvaging resource on their website.](#)

[We cannot leave containers for collection of waste tires as commercial waste tire generators must be responsible for disposal of their waste tires.](#)

[No longer applicable: UM is currentl closed to the public.](#)

Need to do: Timeline date updated

**Table 5-8 Integrated Implementation Schedule for Short-Term Planning Period for City of South Lake Tahoe and East Slope Unincorporated Area of El Dorado County**

Tasks	Start Up Date	Responsible Agency	Funding			Timeline Update
			Cost (\$)	Total Revenue (\$)	Revenue Source	
Audit franchises	May-91	EMD	\$ 70,000	\$ -	CSA #10	NA
Develop a TS/LF video	May-91	EMD,BOS	\$ 5,000	\$ -	CSA #10	2017
Develop proposal for recyclables collection service	Jul-91	Franchises	\$ 10,000	\$ -	Private	NA
Feasibility study for recyclable collection service	Sep-91	EMD, BOS, SLTCC	\$ 5,000		General Fund, CSA #10, Franchise fee	NA
Develop and issue RFP for commercial recycling collection service	Sep-91	EMD, SLTCC	\$ 2,000	\$ -	General Fund, CSA #10	NA
Conduct a waste audit of Christmas trees	Dec-91	EMD, SLTS, Tree Services	\$ 2,000	\$ -	General Fund, CSA #10	NA
Implement MRF Facility Program	Jan-92	EMD, STR	\$ 500,000	\$ -	Rate Payer	NA
Develop and implement an office white paper policy for all public access	Jan-92	EMD, BOS, PCS	\$ 2,000	\$ -	General Fund, CSA #10	NA
Compile a list of existing local newsletters	Jan-92	EMD, Consultant	\$ 1,000	\$ -	CSA #10	NA
Identify stockpile locations for white goods	Mar-92	Franchises	\$ -	\$ -	Rate Payer	NA
Conduct audit of pine needles in Tahoe Basin	May-92	EMD, SLTS, Franchises	\$ 2,000	\$ -	General Fund, CSA #10	NA
Evaluate variable can rate ordinance	Jun-92	EMD, BOS, SLTCC	\$ 2,000	\$ -	General Fund, CSA #10	NA
Develop home composting educational/instructional (how?/why?) pamphlets	Jun-92	EMD, Contractor, SLTS	\$ 10,000	\$ -	General Fund, CSA #10, Rate Payer	NA
Obtain and place containers for tire recycling	Oct-92	EMD, Franchises	\$ 10,000	\$ -	Rate Payer	NA
Develop recycling informational materials	Jan-93	EMD, Franchises	\$ 5,000	\$ -	General Fund, CSA #10	NA
Develop waste management school curriculum	Jan-93	EMD, Franchises, Co Office of Ed.	\$ 15,000	\$ -	Numerous	NA
Develop curbside recycling canvassing program	Jan-92	Franchises	\$ 20,000	\$ -	Rate Payer	NA
Develop and implement an antiscavaging ordinance	Jan-93	EMD, BOS, SLTS	\$ 2,000	\$ -	General Fund, CSA #10	NA
Develop and implement a solid waste management system	Jan-93	EMD	\$ -	\$ -	General Fund, CSA #10	NA

Develop public information and education on white goods salvaging	Jun-93	EMD, Franchises	\$ 2,000	\$ -	General Fund, CSA #10	NA
Obtain equipment for white goods salvaging program	Jun-93	Franchises	\$ 10,000	\$ -	Rate Payer	NA
Train personnel for white goods salvaging program	Jun-93	Franchises	\$ 1,000	\$ -	Rate Payer	NA
Establish and adopt illegal dumping ordinance	Jun-93	EMD, BOS, SLTCC	\$ 15,000	\$ -	General Fund, CSA #10	NA
Develop source reduction education programs targeting consumers, businesses, and large generators of waste	Jun-93	EMD, Franchises, SLTS	\$ 10,000	\$ -	General Fund, CSA #10, Rate Payer	NA
Develop source reduction informational materials	Jun-93	EMD, Franchises	\$ 5,000	\$ -	General Fund, CSA #10, Rate Payer	NA
Develop and issue contracts for siting, permitting, acquisition, construction, financing, and operations of east slope MRF	Jun-93	EMD, BOS	\$ 10,000	\$ -	General Fund, CSA #10	NA
Develop a video on HHW	Jun-93	EMD, BOS	\$ 5,000	\$ -	CSA #10	2017
Conduct workshops/in service training on waste management school curriculum	Sep-93	EMD, Franchises, Co Office of Ed.	\$ 5,000	\$ -	Numerous	NA
Develop a public information center	Sep-93	EMD	\$ 5,000	\$ -	CSA #10	2017
Develop and implement a rezoning ordinance to allow a drop-off recycling center in residential neighborhoods	Sep-93	EMD, BOS, SLTS	\$ 2,000	\$ -	General Fund, CSA #10	NA
Develop education and information program on yard waste and compost marketing collection	Sep-93	EMD, Contractor, SLTS	\$ 9,000	\$ -	General Fund, CSA #10, Rate Payer	2017
Develop home composting educational/instructional pamphlets	Sep-93	EMD, SLTS, STR	\$ 10,000	\$ -	General Fund, CSA #10, Rate Payer	NA
Contact cement plant for tire recycling program	Oct-93	EMD, Contractor	\$ 500	\$ -	Rate Payer	NA
Sign contract with cement plant for tire recycling program	Oct-93	EMD, Contractor	\$ 500	\$ -	Rate Payer	NA

[Not Implemented, there are more environmentally friendly ways to recycle waste tires.](#)

[There are more environmentally friendly ways of recycling waste tires.](#)

[White goods are accepted at each of the MRFs. STR also picks up bulky items by appointment only.](#)

[School curriculum today is mandated by the State Office of Education and teachers/school districts have limited flexibility in choosing the specific curriculum they teach.](#)

[Calrecycle does not have a White good salvaging resource on their website.](#)

[We cannot leave containers for collection of waste tires as commercial waste tire generators must be responsible for disposal of their waste tires.](#)

Need to do: Timeline date updated

**El Dorado Disposal  
Program Report**

PARIS Code	Description	Program Description	1/12/2015	3/9/2015	5/11/2015	7/13/2015
1000	<b>Grasscycling</b>	Reach out to golf courses and schools to see who is grasscycling and notate the acres or yards so we can calculate data and list organizations in the county currently grasscycling.		<b>March/April Plans:</b> Reach out to golf courses and schools as described in "goals".		Recycling Sustainability Coordinator and Community Outreach Mgr. will create a program that will acquire the necessary information from golf courses and schools to see who is grasscycling and notate the acres or yards so we can calculate data and list organizations in the county currently grasscycling. The goal is to have implemented by June.
1010	<b>Business Waste Reduction: Mandatory Commercial Recycling (MCR)</b>	Sending out a survey to county customers researching who is currently composting. Composting information will be on the website by February. Emailing all current customers who might be interested in composting information.		<b>Jan/Feb Update:</b> Sending out a survey to county customers as described in "goals". Composting information will be on the website by February. Emailing all current customers who might be interested in composting information. <b>March/April Plans:</b> Analyze results regarding composting survey. Download survey results on website. Create educational material for customers.	Analyze results regarding composting survey. Download survey results on website. Create educational material for customers.	
1020	<b>Business Waste Reduction</b>	Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.		<b>March/April Plans:</b> Work on presentation and survey for Chambers as described in "goals".		Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.
1030	<b>Procurement</b>	Make sure each internal department is recycling to full potential. Renewed focus on purchasing recycle content materials. Share with local jurisdictions. Ongoing.		<b>March/April Plans:</b> "Goals" ongoing.		Will update our procurement program with the county assistance. County will send samples of procurement programs that will assist to make sure we have all necessary information.
1050	<b>Government Source Reduction</b>	Discuss with each municipality their reduction, reuse and recycling programs. Ongoing.		<b>March/April Plans:</b> "Goals" ongoing.	Discuss with each municipality their reduction, reuse and recycling programs.	
1060	<b>Material Exch/Thrift Shops</b>	Stationed at the MRF we have a security box for gently used items where we donate items for the Partner's in Care Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long). Ongoing program.			Stationed at the MRF we have a security box for gently used items where we donate items for the MORE Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long).	Partnered with USAGAIN to recycle textiles. We have place bins at 4 location, MRF and 3 recycling centers for the general public to dispose of rags, old clothes, bedding, shoes, belts, purses, hats, towels.
2000	<b>Residential Curbside</b>	Working on group area reroute to go curbside. Putting together a customer service communication strategy for cart roll outs in the county. All new start customers were given option of 35 gallon trash carts beginning October in the county.	Began delivering 35 gallon trash carts to customers who inquired.	<b>Jan/Feb Update:</b> "Goal" in progress. <b>March/April Plans:</b> March communication regarding new program will be sent. 35 gallon trash carts will be delivered and 64 gallon recycle carts to customers that do not recycle. Yard waste carts will be available also.	March communication regarding new program will be sent. 35 gallon trash carts will be delivered and 64 gallon recycle carts to customers that do not recycle. Yard waste carts will be available also.	The new cart roll out will be completed by June and all communication.
2010	<b>Residential Drop-Off</b>	Free customer drop off for the following commodities daily: OCC, newsprint, metal, plastic, rigid plastic. Each buy back center is available for drop off of these materials along with the MRF. On going program.	November 66.04 tons collected. December 56.26 tons collected.	<b>Jan/Feb Update:</b> January 97.25 tons collected. February 76.73 tons collected. <b>March April Plans:</b> On going program.	March <b>80.48</b> tons collected. April <b>75.05</b> tons collected.	May <b>97.08</b> tons collected. June collected <b>85.96</b> tons

2020	Buyback Centers	Collecting fluorescent tubes and batteries now at recycling centers and MRF. On going program.	November received 296 feet of tubes and 525 pounds of batteries. December 416 feet of tubes and 385 pounds of batteries received.	<u>Jan/Feb Update:</u> January received 420 feet of tubes and 530 pounds of batteries. February 380 feet of tubes and 423 pounds of batteries received. <u>March/April Plans:</u> On going program.	In March collected 952 feet of fluorescent tubes and 584 pounds of batteries. April collected 650 feet of tubes and 720 pounds of batteries.	May collected 540 feet of fluorescent tubes and 165 pounds of batteries. June collected 360 feet of tubes and 210 pounds of batteries.
2030	Commercial On-Site Pickup	Will work with 3 apartment complexes that are not compliant with AB341.	On 11-4-14 we mailed out approximately 1600 postcards out to all of our commercial customers to educate them on services we provide. I expect we will get a increase of calls for the Sustainability Coordinator. <b>Result:</b> We touched 21 customers . That consists of site checks, new service, and educational material. 1 of those accounts being a multi family community. Successfully implemented program at Woodridge Apts.	<u>March/April Plans:</u>		On going efforts for AB341 compliance. All Multi Family Vouchers have been distributed.
2040	Commercial Self-Haul					
2050	School Recycling	Working on a school recycling competition program with two elementary schools in the Placerville District.	Mailed 114 schools information regarding our free education program. Also included grant opportunity with Recycle Bank. Still have plans on working with the Rancheria regarding recycling and worm composting.	<u>March/April Plans:</u> Working on a school recycling competition program with two elementary schools in the Placerville District for the 2015/2016 school year. Working on adding some schools to our Food waste program.		Working on a school recycling competition program
2060	Government Recycling	Will work directly with county on implementing recycling carts in lobbies of government buildings.		<u>March/April Plans:</u> Ongoing	County implemented recycling opportunities in lobbies of government buildings.	
2070	Special Collection Seasonal			<u>March/April Plans:</u> April 11th Logtown drop off boxes for spring clean up. April 18th Cameron Park spring clean up. April 25th Camino spring clean up.	April 11th Logtown spring clean up collected 1.62 yard waste and 3.05 tons of trash. April 18th Cameron Park spring clean up collected 27.28 tons of trash.	On May 9th El Dorado Hills CSD collected 7.38 tons of recycling, 36.27 tons of trash and 2.38 tons of yard waste. 3706 lbs of CRT, 5051 lbs of e-waste 4453 lbs of furniture and clothing. Cameron Park 27.28 tons of
2080	Special Events		EDH Christmas tree chipping program had 9-50 yard boxes of chips dumped at the EDHCSD site. Boxes averaged .12 tons each. Free Christmas tree drop off at MRF till January 17th. EDH Christmas tree program. Adopted a tree to decorate with recycle material for display. Captured 42.27 tons of yard waste special program in Cameron Park.	<u>March/April Plans:</u> April 24th, 25th, and 26th will have a booth at the Home and Garden show. Will be educating on composting and recycling.	April 24th, 25th and 26th will have a booth at the Home and Garden show. Will be educating on composting and recycling. Attended Ag Day with over 1000 3rd graders from El Dorado County educating on composting.	June 27th participated in the Cameron Park Spectacular event. Over 1,000 in attendance. Discussed recycling and answered questions regarding service we provide. Displayed a game to show fun ways to recycle with kids.
2090	Other Business Recycling					
3000	Residential Curbside GW	Working on the outreach communication, timeline for cart delivery in the county for green waste program. Create vouchers for new green waste program specific to the new county contract.	<u>Jan/Feb Update:</u> Working on the outreach communication, timeline for cart delivery in the county for green waste program. Vouchers created for new green waste program specific to the new county contract. Vouchers mailed out in Feb.		Working on the outreach communication, timeline for cart delivery in the county for green waste program. Vouchers created for new green waste program specific to the new county contract.	Will have the new yard waste cart delivery completed end of June

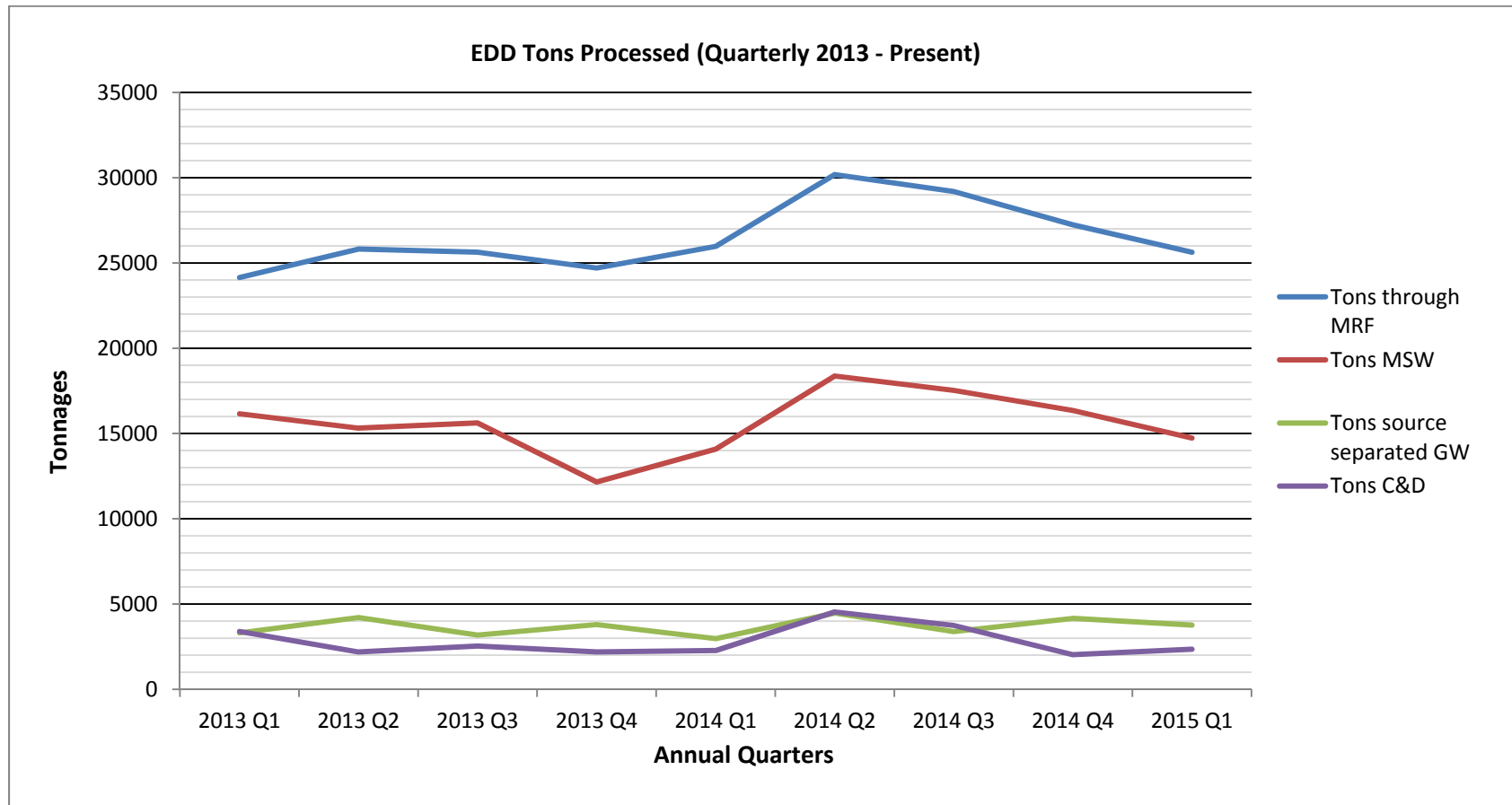


3010	Residential Self-Haul GW	FSC Grant program implemented in the county.	<b>Jan/Feb Update:</b> Fire Safe Council Grant program implemented in the county: Working directly with FSC on the yard waste program for neighborhoods.	<b>March/April Plans:</b> Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.	Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.	
3020	Residential Onsite GW Pickup		<b>Jan/Feb Update:</b> EDH/CP yard waste tons was a total of 1694.5.	<b>March/April Plans:</b> Green Waste curbside removal will be April 2nd,3rd,16th, and 17th. County curbside green waste bag removal will be April 20th thru 25th.	4-30-15 Cameron Park retrieved 12 bags or .35 tons.	Cameron Park on 5-1-15 retrieved 350 bags at 4.07 tons
3040	Food Waste	Reaching out to acquire more participation from restaurants.	<b>Jan/Feb Update:</b> January 19th roll out date for food waste program. Load assessment of food waste to be conducted in January. Working on contract with Clean World. Setting up delivery dates for food containers to begin program. Reaching out to acquire more participation from restaurants.	<b>March/April Plans:</b> Currently working on adding 3 schools to the program. We currently have 6 customers on board.	Currently working on adding 3 schools to the program. We currently have 6 customers on board.	The schools have not been added to the food waste program. We have done the outreach and are just waiting to see who would like to be part of the pilot program. We added Nugget market to the program and are currently servicing about a ton and a half of food waste per week from them alone.
3060	Government Composting					
3070	Other Composting					
4010	Sludge	On going removal.	November 106.66 ton and December 142.23 tons from City of Placerville. Red Hawk sludge removal for November 15.44 tons and December 15.60 tons.	January 141.37 tons and February 101.47 tons from City of Placerville. Red Hawk sludge removal for January was 33.7 tons and February 16.77 tons. <b>March/April Plans:</b> On going removal.	March 122.09 tons and April 136.82 tons from City of Placerville. Red Hawk sludge removal for March was 15.78 tons and April 37.97 tons.	May 115.28 tons and June 134 tons from City of Placerville. Red Hawk sludge removal for May was 18.23 tons and June 17.34 tons.
4020	Tires		November 12.15 tons were shipped out, December 0 tons shipped out.	January 0 tons were shipped out, February 16.27 tons shipped out. <b>March/April Plans:</b> On going removal.	March 14.12 tons were shipped out, April 0 tons shipped out.	May 13.28 tons were shipped out, June 0 tons shipped out.
4030	White Goods		November 161 appliances were received. December 140 appliances were received.	January 194 appliances were received. February 154 appliances were received. <b>March/April Plans:</b> On going removal.	March 220 appliances were received. April 161 appliances were received.	May 213 appliances were received and June 176 appliances were received.
4040	Scrap Metals		November 88 tons were recovered and shipped out. December 106.80 tons were recovered and shipped out.	<b>Jan/Feb Update:</b> January 104.57 tons were recovered and shipped out. February 108.36 tons were recovered and shipped out. <b>March/April Plans:</b> On going removal.	March 143.15 tons were recovered and shipped out. April 150.61 tons were recovered and shipped out.	May 129.67 tons were recovered and shipped out. June 160.08 tons were recovered and shipped out.
4050	Mixed Wood		November 265.52 tons were recovered and shipped out. December 106.80 tons were recovered and shipped out.	<b>Jan/Feb Update:</b> January 263.96 tons were recovered and shipped out. February 242.78 tons were recovered and shipped out. <b>March/April Plans:</b> On going removal.	March 379.76 tons were recovered and shipped out. April 424.68 tons were recovered and shipped out.	May 428.85 tons were recovered and shipped out. June 440.56 tons were recovered and shipped.
4060	Asphalt/Concrete Mixed		December 89.75 tons of Asphalt shingles were shipped out to Sierra Waste Transportation.	January/February shipped out 0 tons of Asphalt shingles to Sierra Waste Transportation. <b>March/April Plans:</b> On going removal.	March/April shipped out 350.76 tons of Asphalt shingles to Sierra Waste Transportation	May/June shipped out 239.87 tons of Concrete to Larry Able.
4090	Rendering/Grease					
5000	Electronic	On going program	CEAR picked up 22.94 tons in November and 28.69 tons in December.	CEAR picked up 32.03 tons in January and 25.24 tons in February. <b>March/April Plans:</b> On going program	CEAR picked up 28.95 tons in March and 30.20 tons in April.	Cear picked up 25.01 tons in May and 28.87 tons in June.
5010	Print	Printing survey, vouchers, calendars and new cart rollout educational material.		<b>March April Plans:</b> Printing survey, vouchers, calendars and new cart rollout educational material which will be mailed in March.	Printing survey, vouchers, calendars and new cart rollout educational material which will be mailed in March.	Print Summer newsletter with community information, recycling ideas and county new recycling logo.
5020	Outreach	One Person's Trash Winter Edition Newsletter sent with 26,000 Mt. Democrat Newspapers, focusing on educating public on recycling information.		<b>Jan/Feb Update:</b> One Person's Trash Winter Edition Newsletter sent with 26,000 Mt. Democrat Newspapers, focusing on educating public on recycling information.	Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.	Updated website, creating more social media outreach with facebook, twitter and instagram. Summer newsletter being distributed.

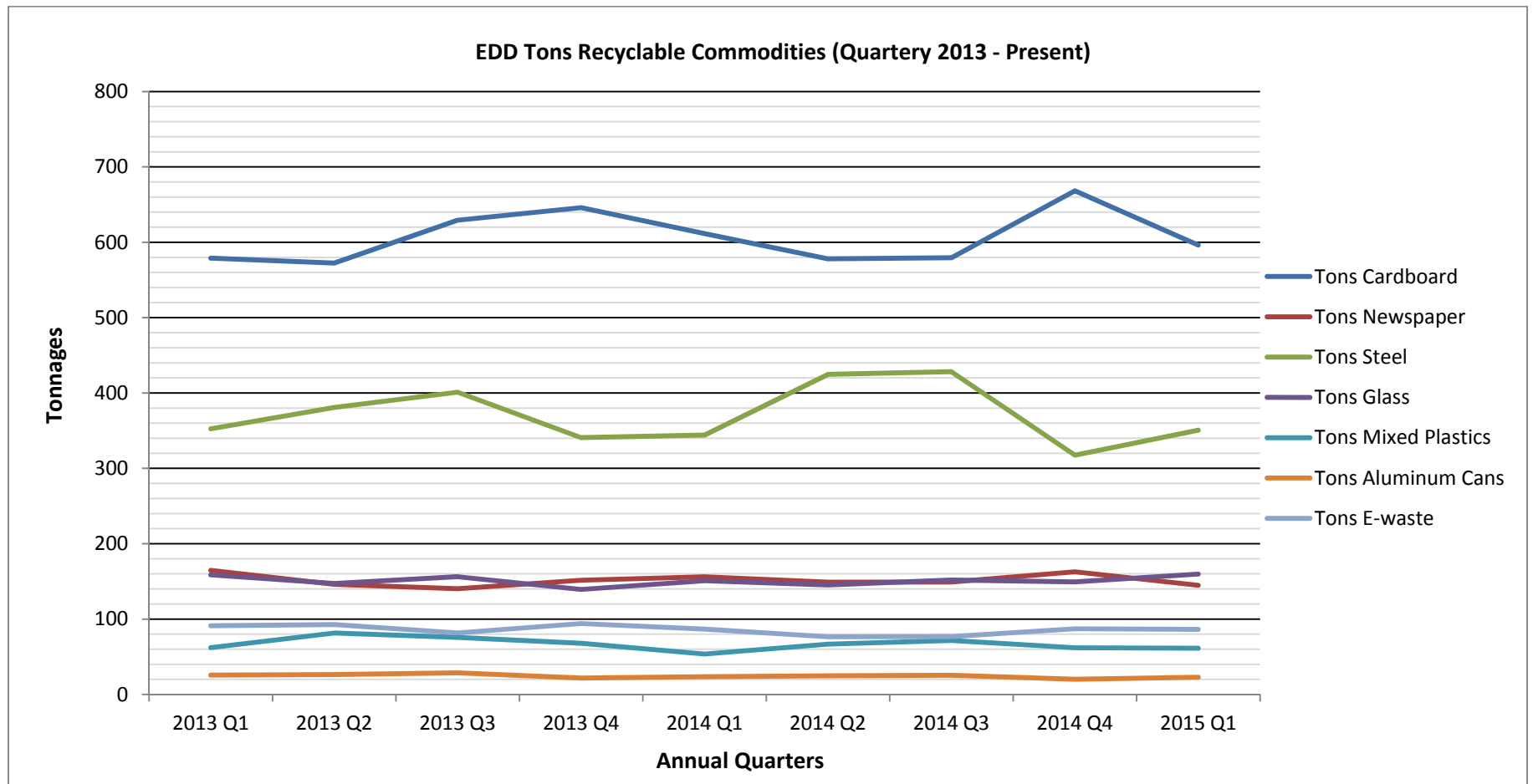
5030	Schools (education and curriculum)		Mailed 114 schools about our tours, presentations and information regarding grants through recycle bank.	<b>March/April Update:</b> Educating students on recycling and composting. Teaching children recycle art, showing Recycle Rex video. Demonstrating the garden process and worm composting bin.	Educating students on recycling and composting. Teaching children recycle art, showing Recycle Rex video. Demomstrating the garden process and worm composting bin. Recycling program with Silva Valley School on May 1st presenting to 150 students.	
6010	Economic Incentives					
6020	Ordinances					
6030	Other Policy Incentive					
7000	MRFs					
7010	Landfill Diversion					
7020	Transfer Station Diversion					
7030	Compost Facility		Compost bin thriving.	<b>Jan/Feb Update:</b> Compost bin thriving. <b>March/April Plans:</b> Compost survey sent out to county customers.	Compost bin thriving.	
7040	ADC					
8020	Transformation					
9000	HHW Permanent Facility	On-going program.	November 708 customers used the HHW facility and in December we had 442 customers use the facility. <b>Result:</b> Shipped 9.89 tons of HHW in November. Shipped 10.11 tons of HHW in December.	January <b>867</b> customers used the HHW facility and in February we had <b>713</b> customers use the facility. We have extended one more day for residential customers to drop off. Friday, Saturday and Sunday. <b>March/April Plans:</b> On going program.	March 854 customers used the HHW facility and in April we had 803 customers use the facility.	May <b>987</b> customers used the HHW facility and June <b>843</b> customers used the facility.
9010	HHW Mobile/Periodic					
9030	HHW Waste Exchange	The MRF has a waste exchange program for safe HHW material. Residential customers are allowed to take items free of charge. Examples of items available for drop off are cleaning supplies, paint and automotive fluids. Latex and Oil base paints are shipped to Paint Care to recycle paint that is collected.	<b>Result:</b> This is year round. Residential customer can drop off Friday and Saturday from 9am to 4pm. Commercial customers need to call for appointment.	Latex and Oil base paints shipped to Paint Care to recycle paint that is collected. We have shipped 5 tons in March and April.	The MRF has a waste exchange program for safe HHW material. Residential customers are allowed to take items free of charge. Examples of items available for drop off are cleaning supplies, paint and automotive fluids.	May/June <b>4.25</b> tons were dropped off.
9040	HHW Education Programs					
9045	Electronic Waste	Processor has ability to hold an ewaste event. The MRF and Buy Back Centers provide free E-Waste drop off.	.	<b>March/April Plans:</b> on going program.		Processor has ability to hold an ewaste event.

## EDD Tonnages and Recovery Trends Report for July 2015 EDSWAC Meeting

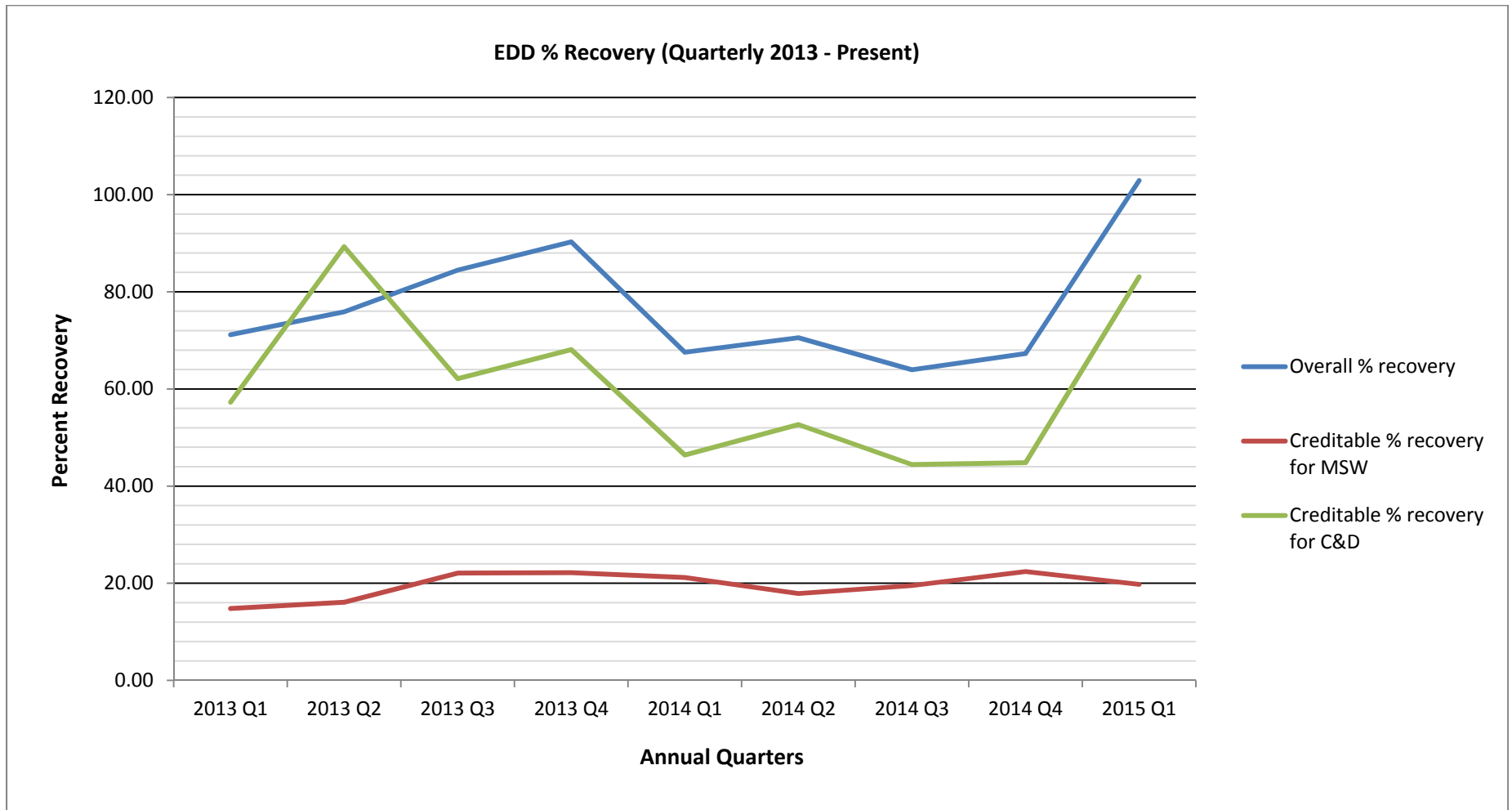
EDD Tons Processed (Quarterly 2013- Present)												
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Tons through MRF	24144.16	25814.06	25626.49	24704.8	25978.42	30186.04	29189.28	27233.6	25631.08	18767.62	0	0
Tons MSW	16157.8	15315.15	15620.9	12160.65	14086.63	18367.68	17529.61	16350.2	14730.89	10786.27	0	0
Tons source separated GW	3312.17	4207.57	3186.04	3800.29	2970.94	4467.73	3385.05	4159.87	3766.14	2673.78	0	0
Tons C&D	3390.26	2187.19	2533.15	2191.8	2271.91	4538.25	3749.84	2032.56	2345.71	2124.95	0	0



EDD Tons Recyclable Commodities (Quarterly 2013 - Present)												
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Tons Cardboard	578.88	572.35	629.33	646	611.5	578.01	579.34	668.3	596.26	420.7	0	0
Tons Newspaper	164.78	145.99	140.28	151.5	156.07	148.93	149.01	162.76	144.9	91.79	0	0
Tons Steel	352.36	380.87	401	340.65	344.08	424.57	428.22	317.49	350.64	283.54	0	0
Tons Glass	158.59	147.28	156.17	139.33	150.94	145.14	151.72	149.24	159.69	89.59	0	0
Tons Mixed Plastics	62.11	81.55	75.63	67.84	53.55	66.77	71.47	61.95	61.2	44.98	0	0
Tons Aluminum Cans	25.66	26.34	28.52	21.68	23.36	24.74	25.31	20.15	22.69	15.29	0	0
Tons E-waste	90.98	92.73	81.63	93.99	86.56	76.45	76.71	87.1	86.22	55.21	0	0



EDD % Recovery (Quarterly 2013- Present)												
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2	2015 Q3	2015 Q4
Overall % recovery	71.18	75.87	84.46	90.27	67.57	70.54	63.95	67.30	102.91	33.11	#DIV/0!	#DIV/0!
Creditable % recovery for MSW	14.79	16.07	22.08	22.17	21.17	17.89	19.52	22.39	19.77	20.35	#DIV/0!	#DIV/0!
Creditable % recovery for C&D	57.28	89.28	62.11	68.10	46.40	52.66	44.42	44.81	83.10	59.03	#DIV/0!	#DIV/0!



## South Tahoe Refuse / Sierra Disposal

Consolidation of ARD under STR franchise was approved by the BOS in December 2014

SDS franchise extension approved by the BOS in December 2014.

PARIS Code	Description	Program Description	3/9/2015	5/11/2015	7/13/2015
1000	Grasscycling	Collected in the RRF. Sent to Full Circle Compost or Bently Ranch for recycling.	Ongoing	Ongoing	ongoing
1010	Backyard & On-Site Composting	Composting information is available on the STR webiste and in print material.	Ongoing	Ongoing - Master Gardener's sponsoring a plastic plant container reuse program with collection site at STR Transfer Station	Requested link to Master Gardeners' website. Plastic container reuse program still in progress.
1020	<b>Business Waste Reduction: Mandatory Commercial Recycling (MCR)</b>	<u>Multi-Family Unit Complexes:</u> Letter and informational flyer sent out annually and upon change in ownership; blue bags, and laminated cards being provided upon request. SLT City staff follows up with apartment complex managers. <u>Commercial Businesses:</u> Recycling occurs through the MRF. Informational flyer provided to new businesses and is available on the STR website. Informational flyer and letter mailed to ARD businesses June 2014. This is now consolidated with El Dorado County business mailing list. SDS: mixed recycling offered to all commercial properties at no charge.	<u>Multi-Family Unit Complexes:</u> Additional information will be mailed out before June 2015. SDS: No Multi-Family units in the SDS service area. ARD: No Multi-Family units in the ARD service area. <u>Commercial Businesses:</u> STR: Recycling occurs through the MRF. Additional information will be mailed before June 2015. Waste characterization audit for Heavenly Report scheduled for March 19 & 25. SDS: All applicable businesses are in compliance.	<u>Multi-Family Unit Complexes:</u> STR: Annual mailing being prepared. SDS: no multi-family units in the SDS service area. <u>Commercial Businesses:</u> Annual mailing being prepared. Waste characterization audit for Heavenly completed May 7, 2015. SDS: Georgetown Divide Recreation District is looking for a placement for a recycling bin.	<u>Multi-Family Unit Complexes:</u> STR: annual mailer send 6-30-2015, including letter, flyer and HHW info card. SDS: no qualifying complexes. <u>Commercial Businesses:</u> STR Annual mailer sent 6-27-2015, including flyer and HHW info card, including Areas A and B; flyer distributed to Transfer Station customers at Scalehouse during the month of June, 2015. SDS: Georgetown Divide Rec has declined a recycling bin due to lack of staff.
1030	Procurement				
1050	Government Source Reduction				
1060	Material Exch/Thrift Shops	STR: 10 to 12 Thrift Shops in South Lake Tahoe. SDS: 1 thrift shop in service area.	Ongoing	Ongoing	STR: 12 thrift stores listed in yp.com for South Lake Tahoe. SDS: 3 thrift stores listed in yp.com in the SDS service area.

<b>2000</b>	<b>Residential Curbside</b>	STR: Unlimited Blue bag recycling- mixed recyclables all in bags, weekly pickup. One free bulk item curbside pickup in unincorporated El Dorado County SDS: Residential blue bag recycling will transition to cart system by 2016. One bulk item curbside pick up per residential customer per year, plus one annual curbside e-waste pickup and unlimited battery and fluorescent tube curbside residential pickup, effective January 2015.	Ongoing	STR: Customer survey placed on website regarding blue bag recycling program. Additional contacts will be made via phone and email. SDS: Bulk item, e-waste, battery and fluorescent tube collection programs posted on SDS website. Added "water wise" language to STR and SDS websites.	STR: Ongoing blue bag recycling and bulk item programs, customer survey is continuing. SDS: Bulk items, e-waste, batteries and fluorescent tubes being picked up at curbside, average 2-3 stops per week.
<b>2010</b>	<b>Residential Drop-Off</b>	STR: If residents are going to be going out of town they can show their ID and bring a copy of their bill and drop off their residential waste at the MRF for no charge.	Ongoing	STR: Part-time residents encouraged to drop off rather than leaving garbage at curbside because of bear attraction.	Ongoing
<b>2020</b>	<b>Buyback Centers</b>	STR: Open Tuesday through Saturday 9 am to 4 pm at 2192 Ruth Ave. SDS: 7 locations available listed here: ( <a href="http://www.sierradisposal.com/SDSRecyclingCenters.pdf">http://www.sierradisposal.com/SDSRecyclingCenters.pdf</a> )	Ongoing	STR: SLT Humane Society Recycle Match program nets \$680 in April. State regulations limit out-of-state recycling.	Ongoing
<b>2030</b>	<b>Commercial On-Site Pickup</b>	STR: Commercial pick up frequencies are determined by the business' need. Commercial garbage, recycling, and food waste pick up available. Size of bins needed are based on the business' need.	Ongoing	STR: Waste audits and waste management plans developed for Lake Tahoe Vacation Resort, program resources delivered. Site visit to Marriott Resort and Heavenly Village to review existing recycling programs.	STR: Heavenly's Tamarack Lodge added to Food Waste Recycling program for the summer. Green bins provided to Heavenly Village for their Food Waste establishments. SDS: Commercial recycling and trash services ongoing.
<b>2040</b>	<b>Commercial Self-Haul</b>	STR: Commercial customers at the South Tahoe Refuse Transfer Station include contractors, yard and maintenance businesses, landscapers, resort management companies, small businesses, auto, cabinet and similar small shops, federal, state and local agencies, utilities and other miscellaneous businesses.	Ongoing	Ongoing	STR: There are 969 active customer accounts at the South Tahoe Refuse Transfer Station. These materials are sorted through the STR MRF operations.

<b>2050</b>	<b>School Recycling</b>	There is no charge to the schools for recycling. STR: weekly mixed recycling collection route to 12 schools, preschools and the Boys and Girls Club. SDS: weekly mixed recycling collection to 9 schools in the Black Oak Mine and Gold Trail Unified School Districts.	Ongoing	STR: Blue box containers provided to elementary schools for in-classroom recycling. 28.3 tons recycled so far this school year.SDS: Black Oak Mine and Gold Trail Unified School Districts recycling at 400 yards so far this year.	STR: 56 tons recycled through this program this school year. SDS:
<b>2060</b>	<b>Government Recycling</b>	STR: In addition to MRF recycling, 45 agency sites participate in the free Office Paper Recycling Collection Route Program.	Ongoing	Ongoing	Ongoing
<b>2070</b>	<b>Special Collection Seasonal</b>	STR and SDS each hold community clean up events - STR once a year at the SLT MRF. SDS once a year in locations around the service area. These events are open to anyone in the service area.	SDS: The Georgetown community clean up event was 10/18/14 and 200b yards if material was collected including 95 pieces of furniture, 46 appliances, 90 units of e-waste, over 150 tires and various other home and yard items. 2015 Community Clean up event May 9th, 9am - Noon at Lotus park. Open to residents of the SDS service area.	STR: Clean Tahoe Day scheduled for June 6 at the STR Transfer Station/MRF. SDS: 2015 Community Clean up event May 9th, 9am - Noon at Lotus park. Open to residents of the SDS service area.	STR: Clean Tahoe event on June 6 included 598 residential loads, 13.35 tons of material collected for recycling and disposal. SDS: May 9th cleanup event at Lotus Park, 340 yds collected, including 293 tires, 137 appliances, 126 pieces of e-waste, 214 pieces of furniture and other misc. items
<b>2080</b>	<b>Special Events</b>	STR: participates in numerous special events throughout the year and provides free Special Event Recycling containers and other resources to event planners. Information is available on the STR website.	STR: Fire Fest 2014 at the South Lake Tahoe Airport, recycling services provided. South Lake Tahoe Earth Day will be held on April 25, 2015, at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies. SDS: SDS donated recycling services to the American River Music Festival. September 2014	STR: South Lake Tahoe Earth Day was held on April 25, 2015, at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies. Despite snow, the event was successful, if a little wet. SDS: SDS donated recycling services to the American River Music Festival, September 2014	STR: Amgen Women's Race, May 8 and 9, recycling services; May 16, Washoe Tribe Earth Day in Woodfords, booth and prizes for Kids Fun Run; June 20, Wildfire Safety Expo booth and recycling services.
<b>2090</b>	<b>Other Business Recycling</b>				
<b>3000</b>	<b>Residential Curbside GW</b>	STR: Unlimited collection of green waste at curbside for all California customers.	ongoing	STR: Green waste collections route began in April due to lack of snow and early yard cleanup season.	STR: Green waste collection routes continue in City and Counties.
<b>3010</b>	<b>Residential Self-Haul GW</b>	STR: Residents can bring green waste to the Resource Recovery Facility, however, this is minimal due to unlimited curbside program for all California customers.	Ongoing	Ongoing	Ongoing

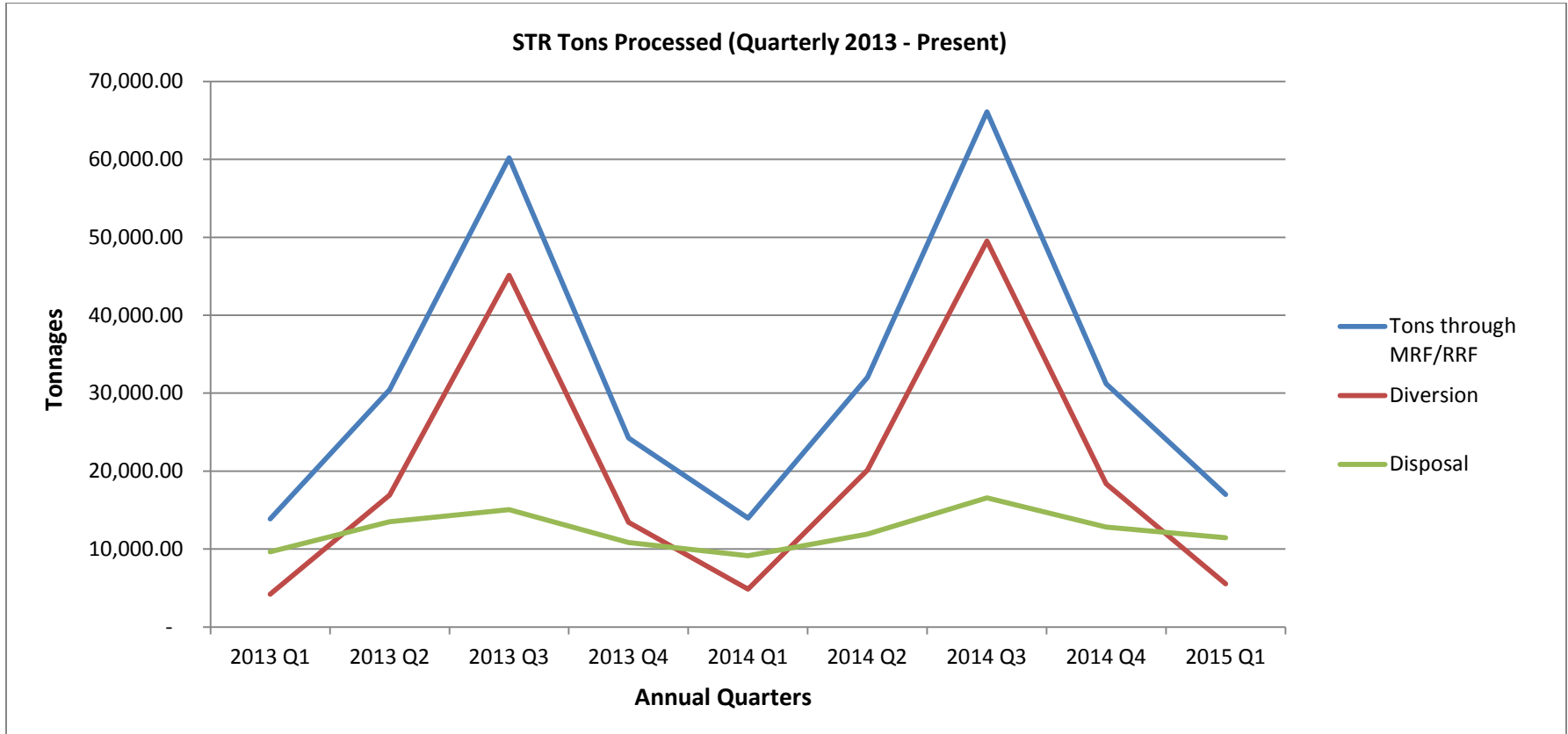


3020	<b>Residential Onsite GW Pickup</b>	STR: Green waste drop boxes available at a reduced cost for large residential property projects.	Ongoing	Ongoing	STR: Ongoing SDS: 5 of 12 free 40-yard green waste boxes completed.
3040	<b>Food Waste</b>	Working with local schools to implements food waste recycling programs. There is no charge to the schools for their food waste program. Participating schools have reduced their garbage bills by over 65%.	Food waste recycling route collection at Sierra house, Bijou, and Magnet Environmental schools continues. Tahoe Valley Elementary School will kick off its food waste recycling program with student assemblies on March 10,2015, with STR staff providing training and resources. Tahoe valley High School culinary program started their food waste recycling program on January 7, 2015.	STR: Food waste recycling in place at all four California elementary schools and the South Tahoe High School Culinary program. Met with Mt. Tallac High School program to organize food recycling in the fall.	STR: Food waste containers provided to Heavenly Village for 5 restuarants. Schools closed for the summer.
3060	<b>Government Composting</b>				
3070	<b>Other Composting</b>				
4010	<b>Sludge</b>	STR: Sludge from South Tahoe Public Utility District is transported to Bently Ranch for composting by STR.	Ongoing	Ongoing	ongoing
4020	<b>Tires</b>	Collects tires at the MRF for a fee.	The County has submitted the Waste Tire Amnesty Grant application. We will have to wait to hear if the grant is awarded. Expect to hear in June 2015.	STR: Tire recycling is included in the Clean Tahoe Day event.	STR: Tires collecte at Clean Tahoe event. SDS: 293 tires collected at spring cleanup event.
4030	<b>White Goods</b>	STR: White goods are accepted at the MRF.	Ongoing	Ongoing	ongoing
4040	<b>Scrap Metals</b>	STR: Scrap metal is accepted at the MRF.	Ongoing	Ongoing	ongoing
4050	<b>Mixed Wood</b>	STR: Mixed wood is accepted at the MRF and RRF (if uncontaminated).	Ongoing	Ongoing	ongoing
4060	<b>Asphalt/Concrete Mixed</b>	STR: Asphalt and mixed concrete is accepted at the MRF.	Ongoing	Ongoing. STR: Cooperative proram with Tahoe Asphalt for asphalt and concrete recycling	ongoing
4090	<b>Rendering/Grease</b>	STR: Reno Rendering handles most generators in South Lake Tahoe with a weekly route.	Ongoing	Ongoing	ongoing
5000	<b>Electronic</b>	STR: E-waste is collected Mondays through Saturdays from 8 am to 5 pm.	Ongoing	Ongoing	STR: Customer survey on website, website updated. SDS: Updates to website submitted to web contractor.

<b>5010</b>	<b>Print</b>	STR: a wide range of printed material on various services; blue bag recycling, buy-back recycling, HHW, new customer information, bear awareness, special event recycling, etc. SDS: residential and commercial customer recycling information fliers.	Ongoing	Ongoing	STR: Developing campaign addressing animal issues in the basin. Also, new "Take Care" campaign developed by the Tahoe Fund with a wide range of topics, like litter, trash, bears.
<b>5020</b>	<b>Outreach</b>	STR & SDS: Website, mailers, event booths, e-mails, phone calls, direct site visits.	South Lake Tahoe Earth Day will be held on April 25th, 2015 at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies. SDS: recycling services donated to American River Music Festival, September 2014.	STR: participates in numerous community events throughout the year, most recently South Lake Tahoe Earth Day on April 15, the South Lake Tahoe Chamber Business Expo on March 27 and the Sierra Nevada Alliance Wild and Scenic Film Festival on March 26, all zero waste events sponsored by STR, reaching over 2,500 people. Earth Day radio interview on KRLT and TV interviews on Lake Tahoe TV and a Fox affiliate from Reno.	STR: Amgen Women's Race, May 8 and 9, recycling services; May 16, Washoe Tribe Earth Day in Woodfords, booth and prizes for Kids Fun Run; June 20, Wildfire Safety Expo booth and recycling services. Customer survey on website, mailers to businesses and multi-family complexes (MCR), South Lake Tahoe Lodging meeting.
<b>5030</b>	<b>Schools (education and curriculum)</b>	STR: Food Waste Recycling at all elementary schools and at high school culinary classes. Recycling video. Provide school tours and assembly presentations upon request. A total of 85 school tours and presentations were provided by STR staff during the 13/14 school year involving over 3400 student, plus teachers and parents. School recycling video by Tahoe Valley 5th grade students is complete and up on the STR site.	School recycling video by Tahoe Valley 5th grade student is complete and is up on the STR website. It is available for viewing at the schools and various website can link to the STR site. SDS: 675 Yards recycled in 2014 through Black Oak Mine Unified Schools District (12 Schools).	STR: 20 school tours so far this school year, 1,250 students, teachers and parents. Presentations include various recycling programs, composting, HHW, and CRV. Students are given a reusable water bottle.	STR: A total of 22 school tours and presentations in this school year, 2,200 students, parents and teachers. Tours continue in the summer for rec programs and preschool programs.
<b>6010</b>	<b>Economic Incentives</b>	Blue Bag recycling and green waste recycling programs are free to residential customers. Food waste recycling is free to the schools.	Ongoing	Ongoing	Ongoing
<b>6020</b>	<b>Ordinances</b>			STR: local agencies are reviewing revisions to ordinances to decrease animal interaction with trash.	STR: draft ordinance concepts to reduce animal interaction with trash are released to the jurisdictions for review and inclusion in agency ordinances
<b>6030</b>	<b>Other Policy Incentive</b>				

<b>7000</b>	<b>MRFs</b>	STR: South Tahoe Refuse Transfer Station/MRF. SDS: Western El Dorado Transfer Station/MRF	Ongoing	STR: reorganizing C&D processing area before summer construction season. Paving and BMP projects underway. 64% recycling	STR: Paving project complete. Excavator being used to sort C&D materials.
<b>7010</b>	<b>Landfill Diversion</b>	n/a			
<b>7020</b>	<b>Transfer Station Diversion</b>	STR: included in MRF numbers	Ongoing	Ongoing	ongoing
<b>7030</b>	<b>Compost Facility</b>	STR uses Full Circle Compost and Bently Ranch	Ongoing	Ongoing	ongoing
<b>7040</b>	<b>ADC</b>			STR: 13,631 tons in 2014, 1,667 tons first quarter 2015.	STR: ___ tons second quarter 2015.
<b>8020</b>	<b>Transformation</b>	n/a			
<b>9000</b>	<b>HHW Permanent Facility</b>	STR: Tuesday and Saturday 9-12 & 1-4.	Ongoing	Ongoing	ongoing
<b>9010</b>	<b>HHW Mobile/Periodic</b>	NA			
<b>9030</b>	<b>HHW Waste Exchange</b>	NA			
<b>9040</b>	<b>HHW Education Programs</b>	STR: HHW programs is advertised on the website, sent out to new residents, handed out at the Transfer Station and displayed at special events. EMD also lists STR's HHW on their website and informational flyer.	Ongoing	Ongoing	STR: HHW infor card mailed to all business and multi-family customers in June 2015.
<b>9045</b>	<b>Electronic Waste</b>	Collected Monday through Saturday, 8 am to 5 pm.	Ongoing	Ongoing	STR: Electronic Waste Management provided e-waste recycling at Clean Tahoe Day and at South Tahoe Middle School on June 6, collecting 5.6 tons in addition to daily e-waste services at the STR Transfer Station.
<b>Additional Info</b>			Recycling Rate for service area was 65% for 2014		

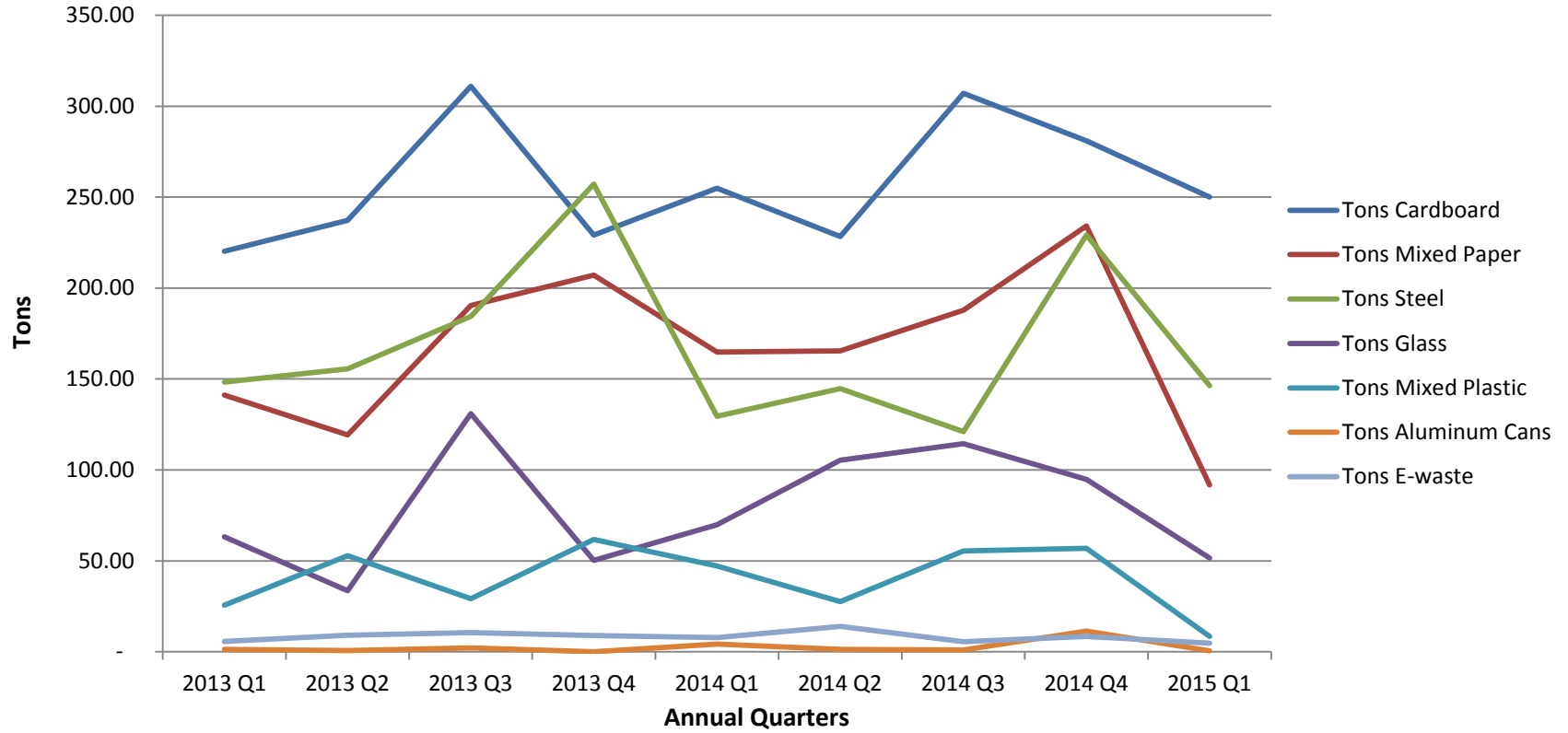
STR Tons Processed Quarterly (2013-Present)									
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1
<b>Tons through MRF/RRF</b>	13,848.00	30,441.40	60,170.80	24,258.70	13,981.60	32,021.20	66,087.70	31,201.70	16,980.30
<b>Diversion</b>	4,201.70	16,933.00	45,105.00	13,416.90	4,840.30	20,123.20	49,504.50	18,372.60	5,539.80
<b>Disposal</b>	9,646.30	13,508.40	15,065.80	10,841.80	9,141.30	11,898.00	16,583.20	12,829.10	11,440.30



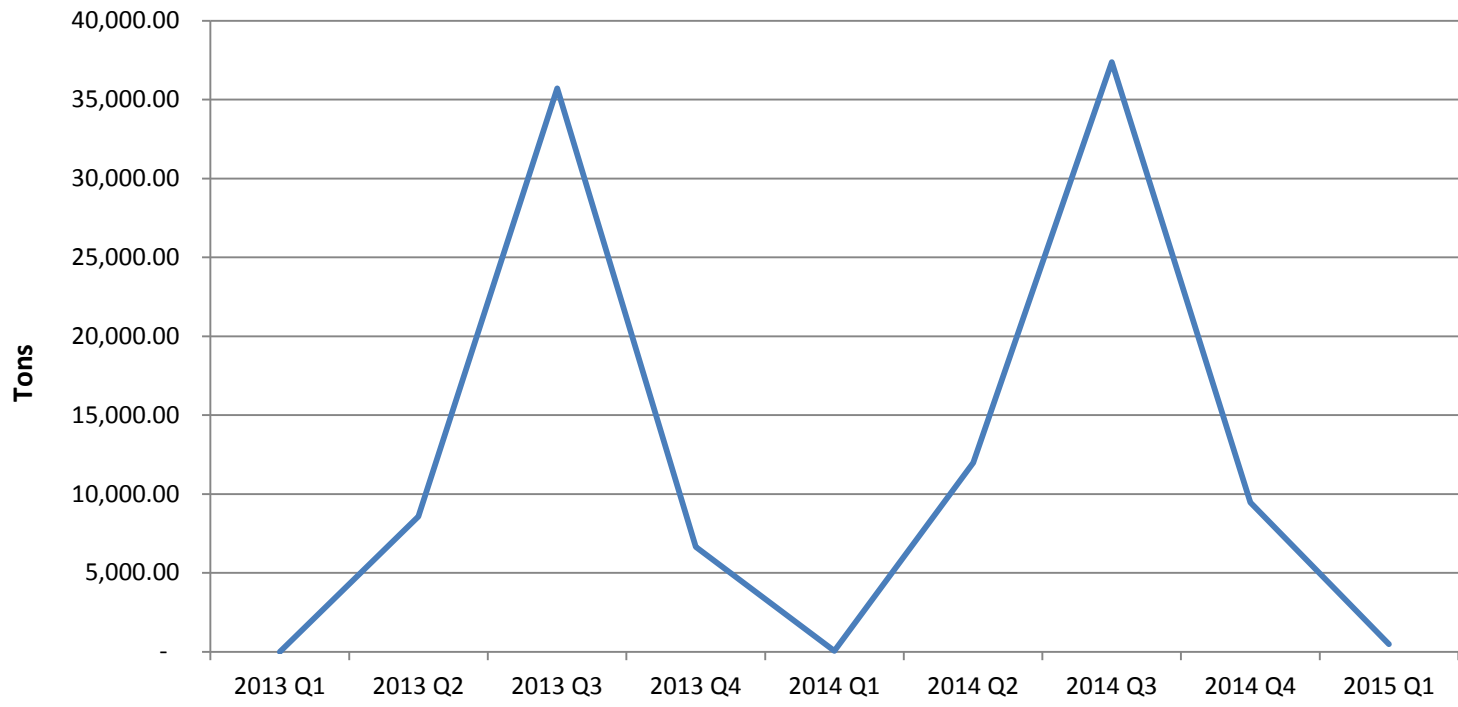
**STR Tons Recyclable Commodities (Quarterly 2013 - Present)**

	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1
Tons Cardboard	220.20	237.20	311.00	229.20	254.90	228.30	307.10	281.00	250.10
Tons Mixed Paper	141.20	119.30	190.50	207.10	164.90	165.50	187.90	234.10	91.80
Tons Steel	148.30	155.60	184.40	257.20	129.50	144.70	121.10	229.10	146.40
Tons Glass	63.30	33.50	131.00	50.20	69.90	105.40	114.50	94.80	51.50
Tons Mixed Plastic	25.70	52.90	29.20	61.80	47.20	27.60	55.50	56.90	8.50
Tons Aluminum Cans	1.30	0.70	2.20	-	4.20	1.30	1.00	11.30	0.60
Tons E-waste	5.74	9.10	10.64	9.00	7.88	13.95	5.57	8.54	4.75
Tons C&D	-	8,571.70	35,720.00	6,650.60	50.60	11,978.00	37,375.00	9,469.90	481.70

STR Tons Recyclable Commodities (Quarterly 2013 - Present)



STR Tons C&D (Quarterly 2013 - Present)





# EL DORADO COUNTY SOLID WASTE ADVISORY COMMITTEE (EDSWAC) PUBLIC MEETING AGENDA

September 14, 2015 12:00 p.m.

2850 Fairlane Court, Conference Room 248, Placerville, CA  
City of South Lake Tahoe, 1052 Tata Lane, South Lake Tahoe, CA

## EDSWAC Responsibility

To assist and advise the agencies responsible for developing and implementing solid and hazardous waste management plans and to aid in ensuring that the County adequately plans for meeting future solid waste handling and disposal needs.

## EDSWAC Members

1. District 1: Don Nizolek, Vice Chair
2. District 2: George Turnboo
3. District 3: Dickson Schwarzbach, Chair
4. District 4: Nancy Spinella
5. District 5: Vacant
6. City of Placerville: Pierre Rivas, Lynne Hunter
7. City of South Lake Tahoe: Ray Jarvis, Hillary Roverud
8. Cameron Park CSD: Mary Cahill, Paul Ryan
9. El Dorado Hills CSD: Katrina Jackson, Brent Dennis
10. STR/SDS: Jeanne Lear, John Tillman
11. EDD/AD/WCNX: Jeff England, Debi Harlow

## VOTING

Requires a motion and second according to Robert's Rules of Order.

A quorum for voting consists of 50% of members plus one.

Only formal members may vote on issues.

## 1. Call to Order

## 2. Approval of Agenda

## 3. Approval of Minutes: July 13, 2015

## 4. Old Business

### a. C & D Ordinance Revision

*Status update*

### b. Meeting Attendance

*Status update on District 5 Representative*

### c. Mattress Recycling Council

Staff contacted the Mattress Recycling Council. A representative has calendared the November 9<sup>th</sup> meeting into his schedule. Location TBA  
*Recommended Action:* Staff recommends EDSWAC to confirm and direct staff to officially schedule the Mattress Recycling Council to come and give a presentation on the California mattress recycling program at the November 9<sup>th</sup> meeting.

### d. Mandatory Organics Waste Recycling AB 1826 (MORE)

Staff contacted CalRecycle. Two representatives have calendared the January 11<sup>th</sup> meeting into their schedule.  
*Recommended Action:* Staff recommends EDSWAC to confirm and direct staff to officially schedule CalRecycle to come and give a presentation on the Mandatory Organic Waste Recycling legislation at the January 11<sup>th</sup> meeting.

### e. El Dorado Countywide Integrated Waste Management Plan (CIWMP) 5 Year Review

*Recommended Action:* Based on comments received by EDSWAC members during their review of the El Dorado CIWMP 5 Year Report and supporting documentation provided to EDSWAC members by staff at the July 13<sup>th</sup> EDSWAC meeting, Staff recommends:

- EDSWAC to provide final feedback and vote on the recommendation to approve the 5-year CIWMP 5 Review Report and



- If applicable, Chair sign a letter on behalf of EDSWAC noting the approval and agreement that EDSWAC feels no revisions are needed to the CIWMP planning documents.
- f. Reschedule the South Lake Tahoe EDSWAC Meeting  
 At the July 13<sup>th</sup> EDSWAC meeting, EDSWAC directed staff to reschedule the location of the September 14<sup>th</sup> EDSWAC meeting to Placerville instead of South Lake Tahoe. EDSWAC said they would like to reschedule the South Lake Tahoe meeting.  
*Recommended Action:* Staff recommends EDSWAC to choose a date for the EDSWAC meeting which will take place in South Lake Tahoe.

## 5. New Business

- a. Review and Analyze EDD and STR Quarterly Tonnage Reports: Updated tonnage reports attached.

## 6. Agency / Jurisdiction Reports

- a. County of El Dorado
- i. Staff Reports
    1. TEA Grant - \$26,000 awarded
    2. Waste Tire Amnesty Grant - \$87,716 awarded by CalRecycle, BOS agenda item to accept the funds is scheduled for 9/15/15.
    3. City/County Payment Program Grant - \$40,022 tentatively awarded. Waiting on final approval from State Controller. Then we will have to also receive BOS approval to accept the funds.
    4. OPP 6 Grant - Applied
    5. Household Hazardous Waste Grant – Application tentatively available winter 2015. When it is open we will evaluate what types of projects are eligible.
    6. Tire Derived Product Grant – Application now open. Staff has reached out to several agencies to see if they need any tire derived products.
  - ii. Update on Solid Waste Franchise Agreements
  - iii. Solid Waste Management Plan Update: Attachment
  - iv. Meeting AB 939 / AB 341 Goals / SB1016 Graph
    1. PARIS Codes Narrative: Attachments
    2. Disposal/Diversion Data: Attachments
  - v. Legislative / Regulatory Update

- b. El Dorado Disposal / Amador Disposal Service
- c. South Tahoe Refuse / Sierra Disposal Service
- d. City of Placerville
- e. City of South Lake Tahoe
- f. Cameron Park Community Services District
- g. El Dorado Hills Community Services District

## **7. Open Forum / Public Comments**

## **8. Action Items for Next Meeting**

## **9. Adjournment**

**NEXT MEETING:** Monday November 9, 2015 \*\*\* Location TBD \*\*\*

### **EDSWAC Operation Guidelines:**

1. Use data to monitor the status of existing diversion practices/strategies and to identify and recommend the next best steps to further increase diversion up to 75%. Data to be used in this process would include: **a.** Strategies identified in the Solid Waste Management Plan **b.** Annual Source Reduction Report organized by Paris codes **c.** Construction and demolition (C&D) diversion for appropriate building permits and percentage of C&D tons diverted. **d.** Quarterly jurisdiction reports on diversion.
2. Identify opportunities and strategies for increasing public participation/education about reducing, reusing, recycling and recovering materials to reduce the waste stream entering material recovery facilities.
3. Seek out and review strategies for waste diversion used successfully by other jurisdictions.

EL DORADO COUNTY

**SOLID WASTE ADVISORY COMMITTEE  
PUBLIC MEETING MINUTES  
SEPTEMBER 14, 2015**

LOCATION: 2850 Fairlane Court, Placerville  
1052 Tata Lane, South Lake Tahoe

MEMBERS PRESENT: Dickson Schwarzbach, Chair, County Representative, District 3  
Don Nizolek, Vice-Chair, County Representative, District 1  
Jeff England, El Dorado Disposal  
Jeanne Lear, South Tahoe Refuse (via telephone)  
Mary Cahill, Cameron Park CSD  
Nancy Spinella, County Representative, District 4  
Pierre Rivas, City of Placerville

COUNTY STAFF: Greg Stanton, EMD Division Director  
Barbara Houghton, Environmental Health Manager

MEMBERS ABSENT: Ray Jarvis, City of South Lake Tahoe  
Kevin Loewen, El Dorado Hills CSD  
George Turnboo, County Representative, District 2  
District 5 – Vacant

OTHERS PRESENT: Frank Papandrea, South Lake Tahoe Business Employee, District 5 (via telephone)  
Judy Mathat, County Resident

1. **Call to Order**  
Meeting called to order at 12:31 pm by Chair Dickson Schwarzbach.
2. **Approval of Agenda**  
Spinella motioned to approve the Agenda and proposed only hearing Items 5 and 6 if there was insufficient time for the full agenda. Motion was seconded by Schwarzbach. Approved – unanimously.
3. **Approval of Minutes**  
July 13, 2015: After discussion by Nizolek that there were items omitted from the minutes with respect to his comments regarding the Integrated Waste Management Plan and Solid Waste Management Plan consolidation. Spinella made a motion to not approve the minutes. Motion was seconded by Nizolek. Staff stated they would review the transcripts to determine what information was omitted and revise the minutes accordingly for consideration at the next meeting. Approved – unanimously.

#### 4. Old Business

##### a) C&D Ordinance Revision:

- Tentatively scheduled for BOS in October.
- Significant changes by county counsel.

##### b) Meeting Attendance:

Not discussed. Will be on next meeting's agenda.

##### c) Mattress Recycling Council:

Schwarzbach motioned to postpone the speaker until the January meeting. Seconded by Cahill. Staff advised that speaker may not be available in January, but they would contact them and see if they could reschedule. Approved – unanimously.

##### d) Mandatory Organics Waste Recycling AB 1836 (MORe):

Not discussed. Will be on next meeting's agenda.

##### e) El Dorado Countywide Integrated Waste Management Plan (CIWMP) 5 Year Review:

- State form completed by Staff (Amy Velasco)
- Comments received from Schwarzbach. Additional comments received from Schwarzbach following a conversation with Nizolek. Comments also provided by Nizolek the morning of the meeting.
- Several members expressed concern that the CIWMP and process is "obsolete." The County would be better served by having one meaningful plan.
- EDSWAC would like to combine the SWMP with the CIWMP. The SWMP is a meaningful document that guides progress and program development. The format of the CIWMP makes it difficult to use. It has updates but the original plan is so out of date that it is meaningless as a planning document. Another drawback of the CIWMP is that it reports on the % diversion versus pounds per person per day (ppd) metric required by the state whereas our goal locally is to meet 75% diversion.
- Staff advised that the CIWMP is a regulatory document and the SWMP is a local (County) plan. Furthermore; the 75% diversion is a statewide goal (average for all jurisdictions combined) while the ppd metric is a regulatory requirement established by CalRecycle as equivalent to 50% diversion. The County's SWMP has also established a 75% diversion goal by 2020 specifically for EDC.
- It was mentioned that targets (goals) should be specified in the SWMP (i.e 5 schools participating in 2015; 10 in 2016 and so on).
- There were multiple discussions on how to combine the plans and what is the ultimate goal of combining them.
- Staff stated that based on CalRecycle guidance on requirements for 5 year plans (attached to agenda), requirements have been met by the Electronic Annual Report updated by staff annually. Staff also advised that EDSWAC's charge is to evaluate if the county is meeting goals specified by the CIWMP based on the 5-year review provided by

staff. Staff asked if EDSWAC agreed or disagreed with the 5-year review provided. Staff advised that CalRecycle does not believe that merging the plans would be necessary provided the CIWMP was appropriately updated through the EAR process..

- A member of the public, Mathat, stated that the County has not met the goals of the SWMP because there has been no JPA established as defined in the SWMP's near-term strategies. Staff advised that the local JPA discussed in the SWMP as a near-term strategy was for coordination between the County, CSDs and City of Placerville. The County solicited the other agencies but there wasn't an interest in forming a JPA at the time. As stated in the SWMP, the County has been moving forward with implementation of the plan regardless of the formation of the JPA. The SWMP also recommends the long-term strategy (2026-2040) formation of a regional JPA.
- Nizolek He recommended that the CIWMP's Planning Element documents do not need to be revised, but should be updated to incorporate the near-term and long-term strategies as defined in the SWMP.
- Cahill stated that the info is provided – report and data
- Staff requested that EDSWAC focus on approval or disapproval of the 5-year review, which is due to CalRecycle in November.
- Schwarzbach recommended approval of the State's 5-year review template with a letter included that discusses the County's use of the SWMP and what EDSWAC believes are the issues regarding the disconnect between the CIWMP metrics and regulatory requirements.
- Multiple potential motions were discussed, reworded, etc. evolving into two motions:
  1. Spinella motioned to have EDSWAC approve the 5-year review of the CIWMP. Nizolek seconded the motion. Unanimously approved.
  2. Cahill motioned to authorize the EDSWAC Chair to work with Staff to update and sign a letter to accompany the 5-year review of the CIWMP that discusses the issues surrounding an antiquated process of updating a 20-year old planning document and EDSWAC's position that the County's SWMP is a better plan for achieving desired diversion goals. The letter should also address the issue with the State measuring diversion in ppd, yet setting a goal using % diversion. Spinella seconded the motion. Unanimously approved.

**5. New Business:**

Continued to next meeting

**6. Agency / Jurisdiction Reports:**

Continued to next meeting

**7. Open Forum / Public Comments:**

Jeanne requested that next agenda include adding John Marchini as the alternant for South Tahoe Refuse.

**8. Action Items:**



1. SWMP review – EDSWAC will review the SWMP strategy tracking spreadsheet provided by staff, the SWMP, and provide comments/feedback on updates and revisions to the plan if needed.
2. The EDSWAC Chairperson will provide a letter to County Environmental Management Department which describes EDSWAC's approval of the 5-year review of the CIWMP, as well as the observations and recommendations resulting from the 5-year review (see 2 approved motions above).

**Next meeting – November 9, 2015 @ 2:30pm in Placerville**

**Meeting adjourned at 2:00 pm.**

1. SWMP review – EDSWAC will review the SWMP strategy tracking spreadsheet provided by staff, the SWMP, and provide comments/feedback on updates and revisions to the plan if needed.
2. The EDSWAC Chairperson will provide a letter to County Environmental Management Department which describes EDSWAC's approval of the 5-year review of the CIWMP, as well as the observations and recommendations resulting from the 5-year review (see 2 approved motions above).

Meeting adjourned at 2:00 pm.

“Approved Catherine Dickson Schwarzbach 12/2/15  
Chairperson Date”

Next meeting – November 9, 2015 @ 2:30pm in Placerville

# SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Objectives and Strategies	Year Due	Page # Vol. 2	Status
<b>Objective 1 - Develop Authorities for Future Solid Waste Management</b>			
Strategy 1.1 – Create a West Slope Joint Powers Authority (JPA)	2012	Page 4-4 - 4-13	PENDING: Initiated but not completed due to lack of interest by potential member agencies.
Strategy 1.2 - Conduct County Waste Characterization Studies	2012	Page 4-13 - 4-14	ONGOING: A comprehensive countywide waste characterization study was done in 2010 with the development of the EDC SWMP. Data evaluated during that review was from 2007. Staff will be coordinating another characterization study soon.
Strategy 1.3 – Extend Use of and Modify West Slope MRF as Needed	2012	Page 4-14 - 4-16	IN PROGRESS/ONGOING: New EDD Solid Waste Services Franchise Agreement effective 10/21/2014. New EDD Agreement includes commitment from EDD to construct a new MRF which will: provide for better throughput for self haul customers, include specialized construction and demolition sorting equipment, contain a new public education area, meet the new storm water regulations, have extended HHW collection hours (extended HHW hours already has been implemented).
Strategy 1.4 – Expand Mandatory Residential Collection Ordinance	2013	Page 4-16 - 4-21	IN PROGRESS/ONGOING: EMD is working on gathering data to be analyzed to determine areas where 85% trigger may have been realized.
Strategy 1.6 – Conduct Procurements to Obtain Franchise Service Provider(s)	Some within 2 1/2 years	Page 4-21	COMPLETED/INPROGRESS: New STR Franchise Agreement signed 5/2012. American River Disposal Service consolidated into STR December 2014. New EDD Franchise Agreement signed 10/21/2014. Amador Disposal Service consolidated into EDD on 8/18/2015. SDS sold to EDD effective 8/31/15. TTSD and EMD are in negotiation for a second Amendment extending the Franchise Agreement to December 31, 2016. The new Agreement with TTSD is to be presented to the Board in September 2015.
<b>Objective 2 - Create New and Enhance County Solid Waste Management Programs and Services</b>			
<b>Source Reduction</b>			
Strategy 2.2 – Use Greater Pay-As-You-Throw (PAYT) Pricing Programs	2013	Page 4-21 - 4-22	COMPLETE: Rate Structure reviews are part of each Solid Waste Services Negotiation. Each Solid Waste Provider offers cheaper rates for smaller MSW carts.
Strategy 2.3 - Expand Use of Purchasing Preference Practices	2015	Page 4-22 - 4-24	IN PROGRESS: EMD currently working with CAO's office to revise County purchasing policy to incorporate Environmental Purchasing Policy Practices (EPPP). The revised version contains expanded environmental purchasing policies from the 1991 version including, cleaning products, landscaping and pest management, emission levels, just to name a few.



## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Objectives and Strategies	Year Due	Page # Vol. 2	Status
<b>Recycling Collection and Processing</b>			
Strategy 2.4 – Implement Mandatory Commercial Recycling Program	2013	Page 4-24 - 4-25	COMPLETED/ONGOING: Franchisees currently are enhancing their programs to capture those businesses and multifamily complex not included under the new regulations. Each franchise area has only a hand full of commercial and multifamily complex facilities that struggle to participate in the mandatory commercial recycling program. The franchisees have employees visit these commercial and multifamily complex sites and educate them on the program as needed. There is new regulation which will require commercial businesses and multifamily complex facilities to also recycle organic debris. This program will be phased in over time. Franchisees already are running pilot programs in their areas. Franchisees and EMD are preparing educational outreach materials and working with CalRecycle to implement the program.
Strategy 2.5 – Enhance and Enforce the Construction and Demolition Ordinance	2012	Page 4-25 - 4-26	IN PROGRESS: New CalGreen construction and demolition requirements became effective in 2014. The revision of the County's Construction and Demolition Debris Recycling Ordinance has been revised to meet the new CalGreen requirements. County Counsel has reviewed it and will meet with EMD mid Sept to make final changes before it goes to the Board for final review and approval. In the mean time, EMD has been developing the forms that will be used to implement the program. EMD has held two community workshops (one on each slope) to go over the new requirements and introduce draft versions of the forms for comments and suggestions. EMD has partnered with the CDA Building Divisions to streamline how the two division work together implementing and enforcing the revised program.
Strategy 2.6 - Expand Use of Curbside Recycling Programs (Targeted to Select Areas)	2015	Page 4-26	COMPLETED/IN PROGRESS: New EDD Agreement includes expanded and new green waste collection programs and vouchers for curbside collection bulky items, latex paints, and fluorescent bulb, green waste. Plus their regularly offered by appointment collection of batteries and used oil & used oil filters. With the consolidation of ADS into EDD and the purchase of SDS by EDD, ADS and SDS customers will be gaining the expanded curbside programs listed above offered by EDD. STR has a curbside blue bag recycling program. TTSD has a curbside blue bag recycling program.
Strategy 2.7 - Expand Residential Cart Collection Systems (Targeted to Select Areas)	2014	Page 4-26 - 4-27	COMPLETED/IN PROGRESS: With the consolidation of ADS into EDD and the purchase of SDS by EDD, ADS and SDS customers will be receiving MSW carts in place of their customer provided MSW cans. These areas were surveyed regarding green waste collection and it is still more favorable by these communities to burn or compost their green waste instead of having a green waste cart. This may be changing depending on possible ordinance changes to green waste management with regard to how different management methods (burning) affect air quality.

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Objectives and Strategies	Year Due	Page # Vol. 2	Status
Strategy 2.8 –Enhance Existing School, Park, and Community Facility Recycling Programs (and implement where necessary)	2013	Page 4-27 - 4-28	COMPLETED/ONGOING: EDD and STR offer free recycling to schools. They each also provide free tours at their MRFs and on site school educational visits (assemblies, special events, etc.). South Lake Tahoe Unified School District (SLTUSD)also participates in STR's pilot food waste collection program. STR offers this program for free to participating schools. The pilot food waste collection program has reduced SLTUSD's garbage bill by 65%. EMD received a grant from CalRecycle (City/County Grant FY13/14) which provided for the purchase of 19 bear safe trash/recycling combo bins. They have been placed at various County parks. This grant also allow for the purchase of 5 trash/recycling bins to be placed outside County buildings. The City of Placerville also received some money from this grant. This money with help with the purchase of recycling bins for Main Street.
Strategy 2.9 - Expand Diversion Programs at Public Facilities	Expansion of County programs should be implemented as a precursor to mandatory commercial recycling	Page 4-28 - 4-29	IN PROGRESS/ONGOING: EMD applied for a National competitive grant that would provide recycling bins for our CSDs. That grant was not awarded. EMD continues to watch for and apply for grants which can expand diversion at public facilities. EMD received a grant from CalRecycle (City/County Grant FY13/14) which provided for the purchase 5 trash/recycling bins to be placed outside County buildings. The City of Placerville also received some money from this grant. This money with help with the purchase of recycling bins for Main Street.
Strategy 2.10 - Expand Multi-Family Recycling Program	2015	Page 4-29 - 4-30	COMPLETED/ONGOING: Franchisees are currently enhancing their programs to capture those businesses and multifamily complexes not included under the new regulations. Each franchise area has only a handful of commercial and multifamily complex facilities that struggle to participate in the mandatory commercial recycling program. The franchisees have employees visit these commercial and multifamily complex sites and educate them on the program as needed. There is new regulation which will require commercial businesses and multifamily complex facilities to also recycle organic debris. This program will be phased in over time. Franchisees already are running pilot programs in their areas. Franchisees and EMD are preparing educational outreach materials and working with CalRecycle to implement the program.

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Objectives and Strategies	Year Due	Page # Vol. 2	Status
<b>Organics and Composting Practices</b>			
Strategy 2.13 – Enhance Home Composting Programs	2014	Page 4-30 - 4-31	IN PROCESS: EMD plans to develop a home composting program. Staff will be collaborating with the franchisees and the UCCE Master Gardener Program. EDD recently completed survey of their residential customers regarding composting including how many currently compost, perceived and actual challenges, what's preventing people from composting if they currently are not, etc. EDD has a home composting and vermiculture demonstration project at its Truck Street facility. STR has unlimited curbside green waste collection. The collect green waste is sent to Full Circle Composting and composted.
<b>Public Education</b>			
Strategy 2.17 - Advance Outreach and Education Programs	Ongoing	Page 4-31 - 4-32	IN PROCESSES/ON GOING: STR created a recycling promotional video in partnership the SLTUSD. The students were the stars. View the video is available to view of the Recycling page of STR's website: <a href="http://www.southtahoerefuse.com/Recycling.html">http://www.southtahoerefuse.com/Recycling.html</a> The planned new EDD MRF will have a educational center where the public can come in and learn about environmentally friendly waste management practices. Pending on grant funding availability, EMD hosts used filter exchange events throughout the County, participates in home shows, and prepares outreach educational materials.
<b>Objective 3 - Create Solid Waste Management Facility Infrastructure</b>			
Strategy 3.1 - Evaluate, Finalize, Plan, and Initiate Facility Infrastructure Strategies	Upon creation of WSJPA	Page 4-32	PENDING/ IN PROCESS: EMD work with EDD and STR to evaluate facility infrastructure: Currently, EDD is the planning and environmental review stage of their new MRF. The new MRF will have new equipment which is specifically chosen to increase efficiency. Also, STR is considering purchasing a Trammel for C&D processing.
Strategy 3.5 - Develop Small Volume Rural Transfer Facilities and Strategically Placed Debris Boxes on the Waste Slope	See table on page 4-33 Tentative operational date 2016	Page 4-32 - 4-33	PENDING: EMD will soon be starting work on the debris box portion of this strategy. Staff will be collaborating with franchisees and communities to identify locations that will be convenient for residents, safe from traffic, and accessible for franchisee trucks to load and drop dumpsters.
Strategy 3.9 - Develop West Slope C&D Processing Facility	2016	Page 4-33 - 4-35	IN PROCESS: The new EDD Agreement includes the construction of a new C&D debris sorting line. STR has tested running their C&D debris through a trammel before it goes through sort lines to see how impactful the additional process is. They recovered 409 tons of ADC materials in the 17 hours the trammel was running. The C&D materials were also loosened which made sorting the material after it had gone through the trammel much easier and effective. STR will be considering the cost vs. benefits as well as diversion regulations (whether ADC will be counted as diversion) in their evaluation and decision as to whether to purchase a trammel.
<b>Objective 4 - Provide Alternative Source of Funding for New Facilities, Programs, and Services</b>			
Strategy 4.1 - Revise Rate System to Fund New Facilities and Programs	Phase 1	Page 4-35	ON GOING: A new Solid Waste Rates Setting Policies and Procedures for Unincorporated Areas is included as an exhibit to the new franchise agreements. Rates are evaluated every 3 years.

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Objectives and Strategies	Year Due	Page # Vol. 2	Status
<b>Objective 5 - Determine and Implement Appropriate Performance Tracking</b>			
Strategy 5.1 – Identify Appropriate Performance Metrics For Each Selected Strategy	2012	Page 4-35 - 4-39	ON GOING: Performance matrix are included in the new franchise agreements.

## SWMP Phase 2: Intermediate-Term Strategies

Defined as 2017-2025

Objectives and Strategies	Year Due	Page # Vol. 2	Status
<b>Objective 2 - Create New and Enhanced County Solid Waste Management Programs and Services</b>			
<b>Source Reduction</b>			
Strategy 2.1 - Implement New Waste Reduction Actions	Begin Implementing a business waste audit program in 2017	5-2 - 5.3	ON GOING: The new EDD agreement includes waste audits for commercial and multifamily complexes. EDD hired a new Sustainability Coordinator to work with schools, commercial, and multifamily complex accounts. STR performs waste audits for commercial and multifamily complexes. EMD is working on enhancing government recycling and is in the process of updating the Environmentally Preferable Purchasing Policy.
<b>Recycling Collection and Processing</b>			
Strategy 2.11 - Expand the Types of Recyclables Collected Curbside	Depends on availability of new recycling markets	5-3 - 5-5	COMPLETED/IN PROGRESS: With the consolidation of ADS into EDD and the purchase of SDS by EDD, ADS and SDS customers will be receiving MSW carts in place of their customer provided MSW cans. These areas were surveyed regarding green waste collection and it is still more favorable by these communities to burn or compost their green waste instead of having a green waste cart. This may be changing depending on possible ordinance changes to green waste management with regard to how different management methods (burning) affect air quality.
<b>Organics and Composting Practices</b>			
Strategy 2.12 - Develop Commercial Food Waste Collection Program	Be explored in the SLT area in 2011, and implemented in other portions of the county during phase 2.	5-4 - 5-5	IN PROGRESS: EDD is conducting a pilot food waste program with several of the restaurants in Placerville. EDD has educated the restaurant staff and has distributed food waste collection carts. The program has been successful. All food waste collected is going to CleanWorld for anaerobic digestion. They are currently maxed out on customers who can participate in the pilot program. STR has began their second year of a pilot food waste collection program at all the schools in the South Lake Tahoe Unified School District including a program for the one of the middle school's culinary classes. This program is going well and the children are catching on. TTSD is conducting a pilot food waste program with several of the restaurants in Tahoe City. TTSD has educated the restaurant staff and has distributed food waste collection carts. Each of the franchisees and EMD are developing educational materials for the 2016 implementation of AB 1826.

## SWMP Phase 2: Intermediate-Term Strategies

Defined as 2017-2025

Objectives and Strategies	Year Due	Page # Vol. 2	Status
Strategy 2.15 - Develop Community Composting Programs	Implement once the home composting "market" becomes saturated.	5-5 - 5-6	PLANNED: Once the home composting program is up and running, and we have had time to learn what works and what doesn't, we will begin to consider community composting programs.
Strategy 2.16 - Develop Residential Food Waste Collection Program	Early years of phase 2.	5-6 - 5-7	PLANNED: EDD, STR, and TTSD each have a pilot food waste program, but not at the residential level yet. Challenges include contamination, pest management, space...
<b>Evolve Collection Trucks and Equipment to Improve Carbon Emissions</b>			
Strategy 2.18 - Reduce Emissions from Collection Fleets	Between 2011-2023	5-7 - 5-8	PLANNED: If we can get an anaerobic digestion system in the County, and if we can get some grant funding, we could purchase fleet vehicles which run on natural gas and use the product from the anaerobic digestion process. A good example of this is Sacramento County's Partnership with CleanWorld.

## SWMP Phase 3: Long-Term Strategies

Evolution of Solid Waste Management Infrastructure and Programs Over the Next 15 Years (2011-2026)

Objectives and Strategies	Year Due	Page # Vol. 2	Status
<b>Objective 1 - Develop Authorities for Future Solid Waste Management</b>			
Strategy 1.5 - Create a Regional Powers Authority	2026	6-3	PENDING
<b>Objective 2 - Create New and Enhanced County Solid Waste Management Programs and Services</b>			
<b>Organics and Composting Practices</b>			
Strategy 2.14 - Prepare for Possible Elimination of Residential Yard Waste Burning on West Slope	Prepare for possible state ban	6-3 - 6-8	IN PROGRESS: Fire Safe Council offers free wood chipping via a grant. <a href="http://www.edcfiresafe.org/">http://www.edcfiresafe.org/</a> The new EDD Agreement states that customers may use their bulky item voucher for the curbside pick up of up to 2.5 yards <sup>3</sup> of green waste in lieu of the bulky waste item. In addition to the bulky waste voucher, contractor will provide a fall and spring curbside pick ups of up to 2.5 yards <sup>3</sup> of green waste. Customer also gets one voucher for free MRF drop off of 2.5 yards <sup>3</sup> of green wastes per year. This is a total of 4 opportunities for green waste disposal throughout the year (10 yards <sup>3</sup> total free). STR offers unlimited curbside green waste pick up. TTSD provides residential customers with green waste vouchers for delivery to their MRF.
<b>Evolve Collection Trucks and Equipment to Improve Carbon Emissions</b>			
Strategy 2.19 - Use Advanced Technologies for Collection Trucks and Vehicles	Phased in with truck and vehicle replacement schedules	6-8 - 6-9	PENDING: If we can get a anaerobic digestion system in the County, and if we can get some grant funding, we could purchase fleet vehicles which run on natural gas and use the product from the anaerobic digestion process. A good example of this is Sacramento County's Partnership with CleanWorld.

## SWMP Phase 3: Long-Term Strategies

Evolution of Solid Waste Management Infrastructure and Programs Over the Next 15 Years (2011-2026)

Objectives and Strategies	Year Due	Page # Vol. 2	Status
<b>Objective 3 - Create Solid Waste Management Facility Infrastructure</b>			
Strategy 3.2 - Develop a West Slope EcoPark	Approx. 5 years from the time EDC beginning of the EIR	6-9 - 6-14	PENDING
Strategy 3.3 - Re-Open Union Mine Landfill	In phase 3	6-14 - 6-16	FUTURE CONSIDERATION
Strategy 3.6 - Plan for Conversion Technologies, if Economically and Operationally Feasible	Potential use during the 2026, and beyond timeframe	6-16 - 6-18	IN PROGRESS: STR sends their organic material to Full Circle Compost to be composted. EDD sends their organic material to CleanWorld for processing. CleanWorld accepts organic waste (including packaging, excluding glass and branches) and converts it to compressed natural gas. STR sent a test load to the Rancho CleanWorld facility but it did not prove to be economical to transport the materials.
Strategy 3.7 - Enhance County Composting Facility to Manage Diverted Food Waste and Other Organics	In phase 3	6-19	FUTURE CONSIDERATION: This would be an add on to 3.4 once a county facility is built.



## SWMP Phase 3: Long-Term Strategies

### Evolution of Solid Waste Management Infrastructure and Programs Over the Next 15 Years (2011-2026)

Objectives and Strategies	Year Due	Page # Vol. 2	Status
Strategy 3.8 - Renovate South lake Tahoe Materials Recovery Facility and Transfer Station to Accept Single Stream Recyclables	Evaluation of the collection infrastructure in phase 3 and determine if shifting methods would be more effective and/or economical	6-18 - 6-20	PENDING: STR customers currently use blue bags for recycling. Commercial accounts can get a bin for source separated recyclables at a reduced rate.
<b>Objective 4 - Provide Alternative Sources of Funding for New Facilities, Programs, and Services</b>			
Strategy 4.2 - Develop South Lake Tahoe MRF/Transfer Station, West Slope EcoPark, and Union Mine Landfill Fees	When STR is upgraded to handle single stream	6-20- 6-21	PENDING
Strategy 4.3 - Add Administrative Fee to Future Union Mine Landfill Tipping Fee	When / if the UM LF is reopened	6-21	PENDING
Strategy 4.4 - Increase Union Mine Landfill Methane Gas Production	When / if the UM LF is reopened	6-21 - 6-22	PENDING

**El Dorado Disposal  
Program Report**

PARIS Code	Description	Program Description	5/11/2015	7/13/2015	9/14/2015
1000	Grasscycling	Reach out to golf courses and schools to see who is grass cycling and notate the acres or yards so we can calculate data and list organizations in the county currently grass cycling.		Recycling Sustainability Coordinator and Community Outreach Mgr. will create a program that will acquire the necessary information from golf courses and schools to see who is grass cycling and notate the acres or yards so we can calculate data and list organizations in the county currently grass cycling. The goal is to have implemented by June.	Due to drought this program has been delayed, will notify EDSWAC when we resume.
1010	Business Waste Reduction: Mandatory Commercial Recycling (MCR)	Sending out a survey to county customers researching who is currently composting. Composting information will be on the website by February. Emailing all current customers who might be interested in composting information.	Analyze results regarding composting survey. Download survey results on website. Create educational material for customers.		Provided information on AB 341 and AB 1826. Set up waste assessments for people that were interested. Gathered feedback from over 250 customers at a Chamber mixer. In August, our sustainability coordinator talked to 21 commercial customers regarding recycling. She performed three on site visits. In July, our sustainability coordinator talked to 28 businesses/multi family complexes/schools about recycling.
1020	Business Waste Reduction	Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.		Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.	Sustainability Coordinator will be speaking at Kiwanis monthly meeting regarding commercial waste reduction. Meeting this month with the Divide Rotary regarding new services and recycling.
1030	Procurement	Make sure each internal department is recycling to full potential. Renewed focus on purchasing recycle content materials. Share with local jurisdictions. Ongoing.		Will update our procurement program with the county assistance. County will send samples of procurement programs that will assist to make sure we have all necessary information.	Will update our procurement program with the county assistance. County will send samples of procurement programs.
1050	Government Source Reduction	Discuss with each municipality their reduction, reuse and recycling programs. Ongoing.	Discuss with each municipality their reduction, reuse and recycling programs.		Focus on their source reduction programs at our next regularly scheduled jurisdictional meeting scheduled for September and October.
1060	Material Exch/Thrift Shops	Stationed at the MRF we have a security box for gently used items where we donate items for the Partner's in Care Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long). Ongoing program.	Stationed at the MRF we have a security box for gently used items where we donate items for the MORE Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long).	Partnered with USAGAIN to recycle textiles. We have place bins at 4 location, MRF and 3 recycling centers for the general public to dispose of rags, old clothes, bedding, shoes, belts, purses, hats, towels. July and August was 1.71 tons delivered of used items.	Ongoing program to Thrift Store and USAGAIN textiles. Tons for textiles will be calculated quarterly for reporting.

2000	Residential Curbside	Working on group area reroute to go curbside. Putting together a customer service communication strategy for cart roll outs in the county. All new start customers were given option of 35 gallon trash carts beginning October in the county.	March communication regarding new program will be sent. 35 gallon trash carts will be delivered and 64 gallon recycle carts to customers that do not recycle. Yard waste carts will be available also.	The new cart roll out will be completed by June and all communication.	Cart roll out has been completed for Area A. We need to now focus on the Amador Disposal area (Area B) which is the south county. We will be sending out information regarding carts and programs in September and rolling out new services beginning in September and into October. These new programs will mirror the Area A programs with the exception of curbside green waste collection every other week.
2010	Residential Drop-Off	Free customer drop off for the following commodities daily: OCC, newsprint, metal, plastic, rigid plastic. Each buy back center is available for drop off of these materials along with the MRF. On going program.	March <b>80.48</b> tons collected. April <b>75.05</b> tons collected.	May <b>97.08</b> tons collected. June collected <b>85.96</b> tons	July <b>127.33</b> tons were collected. August <b>106.75</b> tons were collected
2020	Buyback Centers	Collecting fluorescent tubes and batteries now at recycling centers and MRF. On going program.	In March collected 952 feet of fluorescent tubes and 584 pounds of batteries. April collected 650 feet of tubes and 720 pounds of batteries.	May collected <b>540</b> feet of fluorescent tubes and <b>165</b> pounds of batteries. June collected <b>360</b> feet of tubes and <b>210</b> pounds of batteries.	July 307 feet of fluorescent tubes and 278 pounds of batteries were collected. August, 481 feet of fluorescent tubes and 143 pounds were collected.
2030	Commercial On-Site Pickup	Will work with 3 apartment complexes that are not compliant with AB341.		On going efforts for AB341 compliance. All Multi Family Vouchers have been distributed.	Provided information on AB 341 and AB 1826. Set up waste assessments for people that were interested. Gathered feedback from over 250 customers at a Chamber mixer. In August, our sustainability coordinator talked to 21 commercial customers regarding recycling. She performed three on site visits. In July, our sustainability coordinator talked to 28 businesses/multi family complexes/schools about recycling.
2040	Commercial Self-Haul				
2050	School Recycling	Working on a school recycling competition program with two elementary schools in the Placerville District.		Working on a school recycling competition program	Reaching out to schools to see if we can get participants for a recycle Challenge.
2060	Government Recycling	Will work directly with county on implementing recycling carts in lobbies of government buildings.	County implemented recycling opportunities in lobbies of government buildings.		Partnering with county to educate all departments within county about recycling opportunities

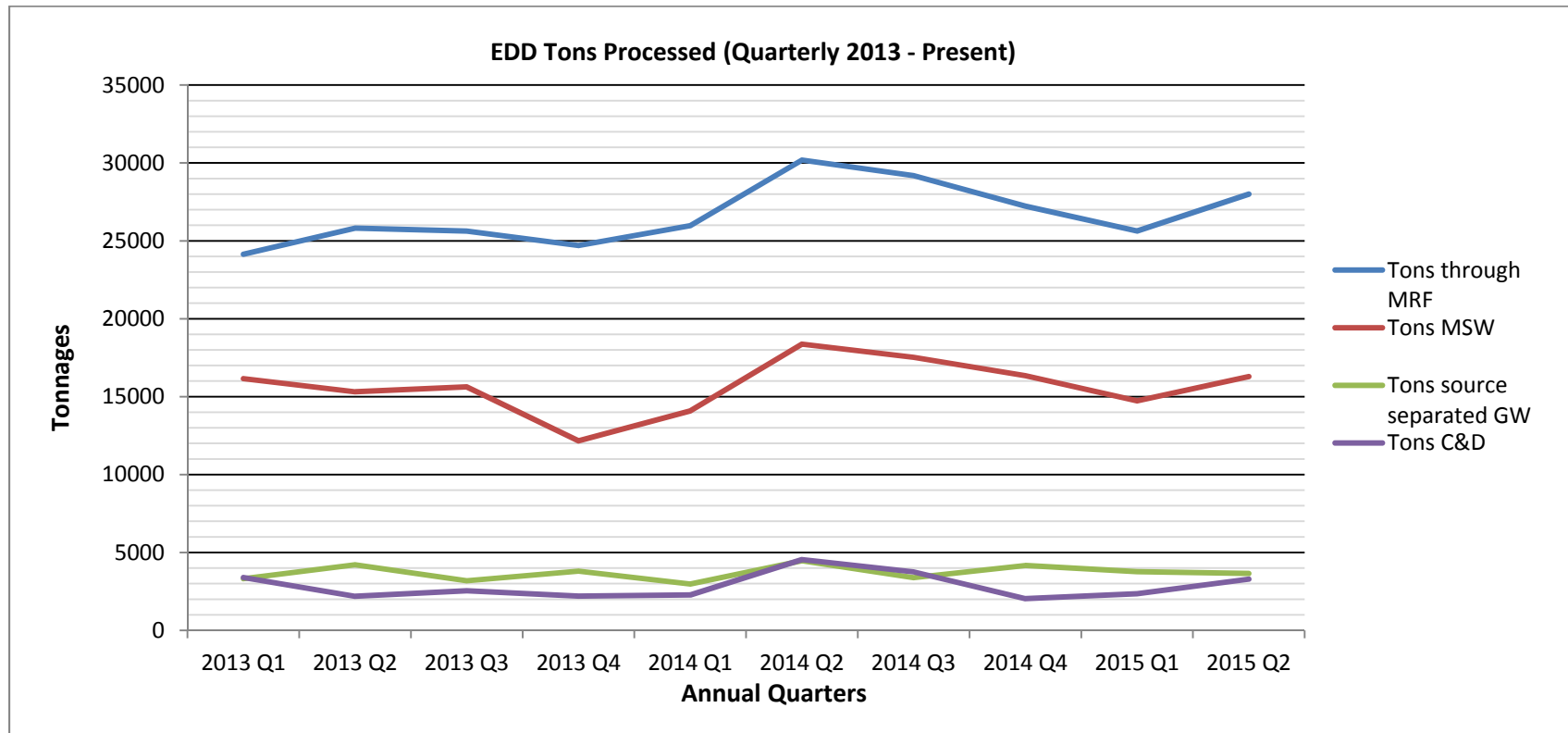
2070	Special Collection Seasonal		April 11th Log town spring clean up collected 1.62 yard waste and 3.05 tons of trash. April 18th Cameron Park spring clean up collected 27.28 tons of trash, 4.35 tons of yard waste, .16 tons of mixed recycling and 3.79 tons of metal. April 25th Camino spring clean up collected 19.55 tons of trash, 1.88 tons of yard waste and 3.86 tons of metal.	On May 9th El Dorado Hills CSD collected 7.38 tons of recycling, 36.27 tons of trash and 2.38 tons of yard waste. 3706 lbs of CRT, 5051 lbs of e-waste 4453 lbs of furniture and clothing. Cameron Park 27.28 tons of trash, 4.35 tons of yard waste, 3.99 tons of recycling, 5,914 lbs of furniture, ewaste, CRT. City of Placerville cleanup held June 27th collected 4.31 tons of recycling, 29.89 tons of trash, 4.31 tons of yard waste, 2175 lbs of e-waste Cart and 1575 lbs of furniture, clothing.	Upcoming clean up events: Cameron Park Fall Clean Up September 19th, El Dorado Hills Fall Cleanup October 3rd, City of Placerville Fall Clean Up October 17th, Grizzly Flat Fall Cleanup September 26th.
2080	Special Events		April 24th, 25th and 26th will have a booth at the Home and Garden show. Will be educating on composting and recycling. Attended Ag Day with over 1000 3rd graders form El Dorado County educating on composting.	June 27th participated in the Cameron Park Spectacular event. Over 1,000 in attendance. Discussed recycling and answered questions regarding service we provide. Displayed a game to show fun ways to recycle with kids.	Had a booth and presented wine rack made out of pvc pipe to raise awareness of recycling with items around the house at the El Dorado Hills CSD/Chamber Saturday in the Park event. Spoke to over 350 people about our programs. DEBI Upcoming events are American River Music Festival, Placerville Oktoberfest, Placerville Downtown Pink in the Night, Placerville Art and Wine, Trick or Treat Main Street, Halloween Carnival CP, and Founder's Day in Georgetown anticipate either a booth and/or recycling containers to the upcoming events.
2090	Other Business Recycling				
3000	Residential Curbside GW	Working on the outreach communication, timeline for cart delivery in the county for green waste program. Create vouchers for new green waste program specific to the new county contract.	Working on the outreach communication, timeline for cart delivery in the county for green waste program. Vouchers created for new green waste program specific to the new county contract.	Will have the new yard waste cart delivery completed end of June	Cameron Park and El Dorado Hills curbside yard waste will be held on October 15th and 16th.
3010	Residential Self-Haul GW	FSC Grant program implemented in the county.	Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.		October 10th will be first county self haul green waste event held at 300 Fair Lane will partner with El Dorado County Environmental Management.
3020	Residential Onsite GW Pickup		4-30-15 Cameron Park retrieved 12 bags or .35 tons.	Cameron Park on 5-1-15 retrieved 350 bags at 4.07 tons	
3030	Commercial Self-Haul GW				

3040	Food Waste	Reaching out to acquire more participation from restaurants.	Currently working on adding 3 schools to the program. We currently have 6 customers on board.	The schools have not been added to the food waste program. We have done the outreach and are just waiting to see who would like to be part of the pilot program. We added Nugget market to the program and are currently servicing about a ton and a half of food waste per week from them alone. Food waste for July 17.92 tons and August was 25.23 tons.	Our food waste pilot program is running strong. We currently have added Forklift market., which will increase our tons for September and October.
3060	Government Composting				
3070	Other Composting				
4010	Sludge	On going removal.	March 122.09 tons and April 136.82 tons from City of Placerville. Red Hawk sludge removal for March was 15.78 tons and April 37.97 tons.	May 115.28 tons and June 134 tons from City of Placerville. Red Hawk sludge removal for May was 18.23 tons and June 17.34 tons.	City of Placerville had 146.87 tons in July and 129.41 tons in August. Red hawk had 26.47 tons in July and 19.34 tons in August.
4020	Tires		March <b>14.12</b> tons were shipped out, April <b>0</b> tons shipped out.	May <b>13.28</b> tons were shipped out, June <b>0</b> tons shipped out.	July 11.89 tons were shipped. August 12.75 were shipped
4030	White Goods		March <b>220</b> appliances were received. April <b>161</b> appliances were received.	May <b>213</b> appliances were received and June <b>176</b> appliances were received.	July, <b>205</b> appliances were received and in August, <b>226</b> appliances were received
4040	Scrap Metals		March <b>143.15</b> tons were recovered and shipped out. April <b>150.61</b> tons were recovered and shipped out.	May <b>129.67</b> tons were recovered and shipped out. June <b>160.08</b> tons were recovered and shipped out.	July 196.03 tons were recovered and shipped out. August 149.09 tons were recovered and shipped out.
4050	Mixed Wood		March <b>379.76</b> tons were recovered and shipped out. April <b>424.68</b> tons were recovered and shipped out.	May <b>428.85</b> tons were recovered and shipped out. June <b>440.56</b> tons were recovered and shipped.	July 437.71 tons were recovered and shipped out. August 382.25 tons were recovered and shipped out.
4060	Asphalt/Concrete Mixed		March/April shipped out <b>350.76</b> tons of Asphalt shingles to Sierra Waste Transportation	May/June shipped out <b>239.87</b> tons of Concrete to <b>Larry Able</b> .	July there were no tons shipped out. August 191.75 tons were recovered and shipped out.
4090	Rendering/Grease				
5000	Electronic	On going program	CEAR picked up <b>28.95</b> tons in March and <b>30.20</b> tons in April.	Cear picked up <b>25.01</b> tons in May and <b>28.87</b> tons in June.	July 22.52 tons were collected and shipped out. August 24.53 tons were collected and shipped out.
5010	Print	Printing survey, vouchers, calendars and new cart rollout educational material.	Printing survey, vouchers, calendars and new cart rollout educational material which will be mailed in March.	Print Summer newsletter with community information, recycling ideas and county new recycling logo.	Printing tri-fold informational brochure for Amador customers regarding the new cart programs similiar to what we did in Area A of the County.

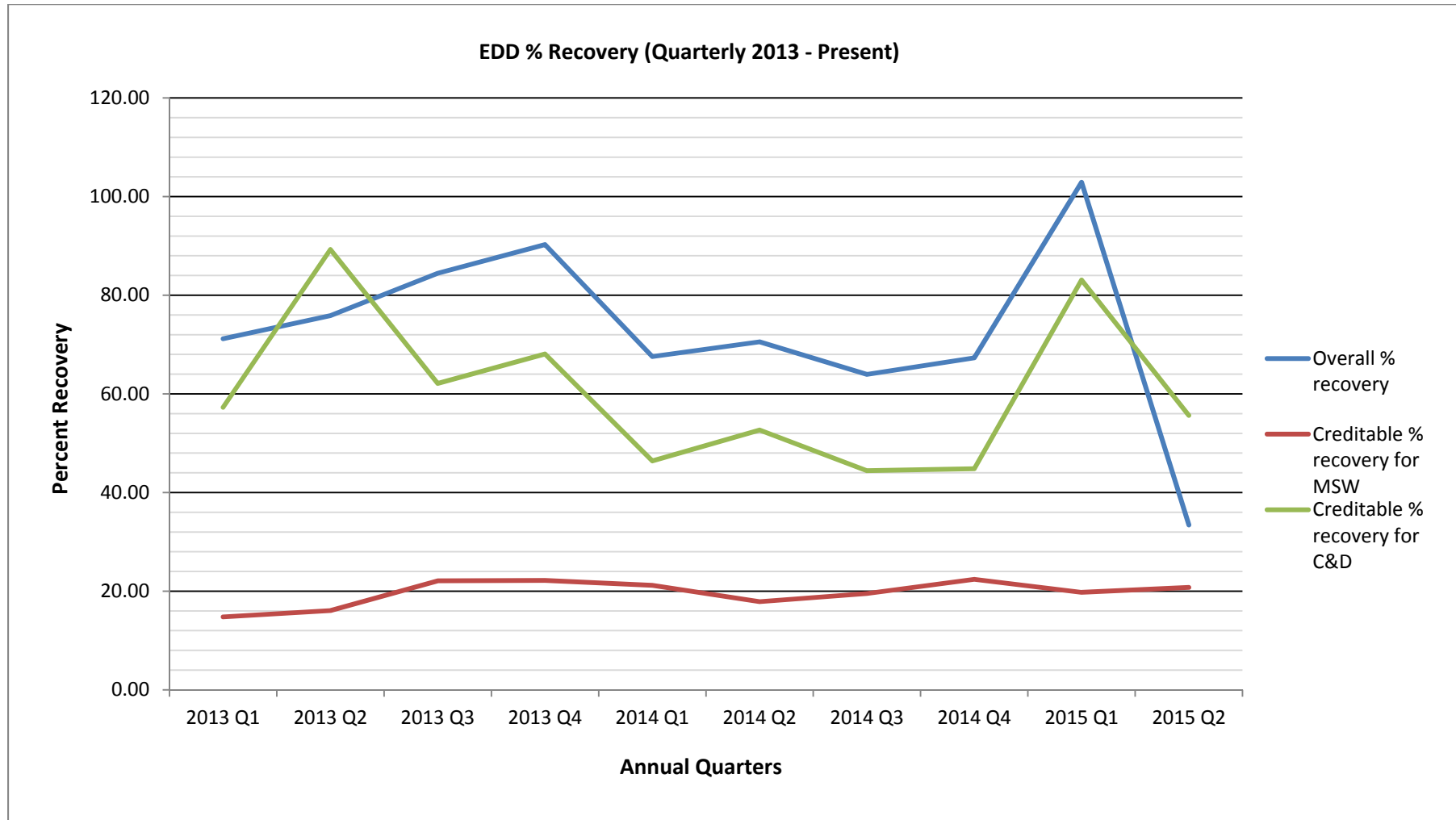
5020	Outreach	One Person's Trash Winter Edition Newsletter sent with 26,000 Mt. Democrat Newspapers, focusing on educating public on recycling information.	Partnered with Fire Safe Council regarding ad in Windfall to educate public on yard waste and chipping program.	Updated website, creating more social media outreach with facebook, twitter and instagram. Summer newsletter being distributed.	On going multi media outreach. Presenting Widget program to El Dorado Hills CSD Board October 10th.
5030	Schools (education and curriculum)		Educating students on recycling and composting. Teaching children recycle art, showing Recycle Rex video. Demonstrating the garden process and worm composting bin. Recycling program with Silva Valley School on May 1st presenting to 150 students.		Shared a book about composting to children's group. Educated on the importance of composting and how to do it at home or at school. Used compost from the office and planted seeds for the kids to take home. Approximately 25 in attendance.
6010	Economic Incentives				
6020	Ordinances				
6030	Other Policy Incentive				
7000	MRFs				
7010	Landfill Diversion				
7020	Transfer Station Diversion				
7030	Compost Facility		Compost bin thriving.		
7040	ADC				
8020	Transformation				
9000	HHW Permanent Facility	On-going program.	March 854 customers used the HHW facility and in April we had 803 customers use the facility.	May 1027 customers used the HHW facility and June 843 customers used the facility.	In July, 1211 customers used the HHW facility and August, 920 customers used the HHW facility
9010	HHW Mobile/Periodic				
9030	HHW Waste Exchange	The MRF has a waste exchange program for safe HHW material. Residential customers are allowed to take items free of charge. Examples of items available for drop off are cleaning supplies, paint and automotive fluids. Latex and Oil base paints are shipped to Paint Care to recycle paint that is collected.	The MRF has a waste exchange program for safe HHW material. Residential customers are allowed to take items free of charge. Examples of items available for drop off are cleaning supplies, paint and automotive fluids.	May/June 4.25 tons were dropped off.	This is on going program for residential customers to dispose of HHW.
9040	HHW Education Programs				
9045	Electronic Waste	Processor has ability to hold an ewaste event. The MRF and Buy Back Centers provide free E-Waste drop off.		July 22.52 tons were collected and shipped out. August 24.53 tons were collected and shipped out.	Processor available for any electronic waste events.

## EDD Tonnage Trends by Quarter

EDD Tons Processed (Quarterly 2013- Present)										
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2
Tons through MRF	24144.16	25814.06	25626.49	24704.8	25978.42	30186.04	29189.28	27233.6	25631.08	27994.36
Tons MSW	16157.8	15315.15	15620.9	12160.65	14086.63	18367.68	17529.61	16350.2	14730.89	16291.22
Tons source separated GW	3312.17	4207.57	3186.04	3800.29	2970.94	4467.73	3385.05	4159.87	3766.14	3649.31
Tons C&D	3390.26	2187.19	2533.15	2191.8	2271.91	4538.25	3749.84	2032.56	2345.71	3287.45

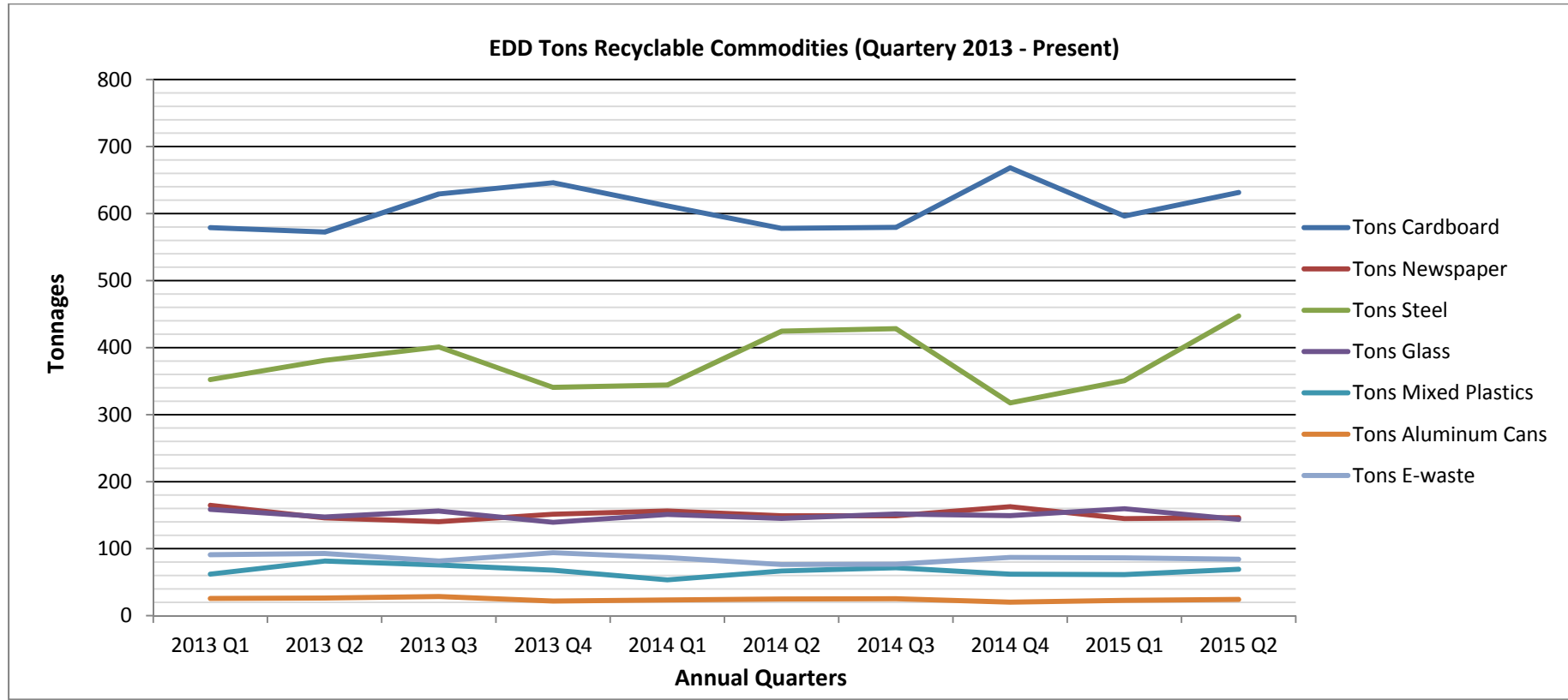


EDD % Recovery (Quarterly 2013- Present)										
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2
Overall % recovery	71.18	75.87	84.46	90.27	67.57	70.54	63.95	67.30	102.91	33.42667
Creditable % recovery for MSW	14.79	16.07	22.08	22.17	21.17	17.89	19.52	22.39	19.77	20.76667
Creditable % recovery for C&D	57.28	89.28	62.11	68.10	46.40	52.66	44.42	44.81	83.10	55.61667





EDD Tons Recyclable Commodities (Quarterly 2013 - Present)										
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2
Tons Cardboard	578.88	572.35	629.33	646	611.5	578.01	579.34	668.3	596.26	631.47
Tons Newspaper	164.78	145.99	140.28	151.5	156.07	148.93	149.01	162.76	144.9	146.16
Tons Steel	352.36	380.87	401	340.65	344.08	424.57	428.22	317.49	350.64	447.12
Tons Glass	158.59	147.28	156.17	139.33	150.94	145.14	151.72	149.24	159.69	143.62
Tons Mixed Plastics	62.11	81.55	75.63	67.84	53.55	66.77	71.47	61.95	61.2	69.18
Tons Aluminum Cans	25.66	26.34	28.52	21.68	23.36	24.74	25.31	20.15	22.69	24.2
Tons E-waste	90.98	92.73	81.63	93.99	86.56	76.45	76.71	87.1	86.22	84.08



## South Tahoe Refuse / Sierra Disposal

Consolidation of ARD under STR franchise was approved by the BOS in December 2014

SDS franchise extension approved by the BOS in December 2014. SDS sold to EDD August 31, 2015.

PARIS Code	Description	Program Description	5/11/2015	7/13/2015	9/14/2015
1000	Grasscycling	Collected in the RRF. Sent to Full Circle Compost or Bently Ranch for recycling.	Ongoing	ongoing	Ongoing
1010	Backyard & On-Site Composting	Composting information is available on the STR webiste and in print material.	Ongoing - Master Gardener's sponsoring a plastic plant container reuse program with collection site at STR Transfer Station	Requested link to Master Gardeners' website. Plastic container reuse program still in progress.	Plastic container reuse program concluded. Approximately 100 containers collected. Link to Master Gardener's website requested again.
1020	Business Waste Reduction: Mandatory Commercial Recycling (MCR)	<u>Multi-Family Unit Complexes:</u> Letter and informational flyer sent out annually and upon change in ownership; blue bags, and laminated cards being provided upon request. SLT City staff follows up with apartment complex managers. <u>Commercial Businesses:</u> Recycling occurs through the MRF. Informational flyer provided to new businesses and is available on the STR website. Informational flyer and letter mailed to ARD businesses June 2014. This is now consolidated with El Dorado County business mailing list. SDS: mixed recycling offered to all commercial properties at no charge.	<u>Multi-Family Unit Complexes:</u> STR: Annual mailing being prepared. SDS: no multi-family units in the SDS service area. <u>Commercial Businesses:</u> Annual mailing being prepared. Waste characterization audit for Heavenly completed May 7, 2015. SDS: Georgetown Divide Recreation District is looking for a placement for a recycling bin.	<u>Multi-Family Unit Complexes:</u> STR: annual mailer send 6-30-2015, including letter, flyer and HHW info card. SDS: no qualifying complexes. <u>Commercial Businesses:</u> STR Annual mailer sent 6-27-2015, including flyer and HHW info card, including Areas A and B; flyer distributed to Transfer Station customers at Scalehouse during the month of June, 2015. SDS: Georgetown Divide Rec has declined a recycling bin due to lack of staff.	<u>Multi-Family Unit Complexes:</u> STR: 7 responses to annual mailer. Cases of blue bags and refrigerator cards provided. SDS: sold to EDD 8-31-15. <u>Commercial Businesses:</u> STR: annual mailer sent to all commercial customers and distributed at the Transfer Station during June, 2015. SDS: sold to EDD 8-31-15.
1030	Procurement				
1050	Government Source Reduction				
1060	Material Exch/Thrift Shops	STR: 10 to 12 Thrift Shops in South Lake Tahoe. SDS: 1 thrift shop in service area.	Ongoing	STR: 12 thrift stores listed in yp.com for South Lake Tahoe. SDS: 3 thrift stores listed in yp.com in the SDS service area.	STR: Thrift stores continue to be an active economic engine for the SLT area; Tot To Tot specializes in children's clothes and equipment.

<b>2000</b>	<b>Residential Curbside</b>	STR: Unlimited Blue bag recycling- mixed recyclables all in bags, weekly pickup. One free bulk item curbside pickup in unincorporated El Dorado County SDS: Residential blue bag recycling will transition to cart system by 2016. One bulk item curbside pick up per residential customer per year, plus one annual curbside e-waste pickup and unlimited battery and fluorescent tube curbside residential pickup, effective January 2015.	STR: Customer survey placed on website regarding blue bag recycling program. Additional contacts will be made via phone and email. SDS: Bulk item, e-waste, battery and fluorescent tube collection programs posted on SDS website. Added "water wise" language to STR and SDS websites.	STR: Ongoing blue bag recycling and bulk item programs, customer survey is continuing. SDS: Bulk items, e-waste, batteries and fluorescent tubes being picked up at curbside, average 2-3 stops per week.	STR: Customer survey completed 8-31-15, including via website, phone calls and Chamber email blast. Results will be shared with JPA in September. Blue bag recycling and bulk item programs continue in the County. SDS: sold to EDD 8-31-15
<b>2010</b>	<b>Residential Drop-Off</b>	STR: If residents are going to be going out of town they can show their ID and bring a copy of their bill and drop off their residential waste at the MRF for no charge.	STR: Part-time residents encouraged to drop off rather than leaving garbage at curbside because of bear attraction.	Ongoing	Ongoing
<b>2020</b>	<b>Buyback Centers</b>	STR: Open Tuesday through Saturday 9 am to 4 pm at 2192 Ruth Ave. SDS: 7 locations available listed here: ( <a href="http://www.sierradisposal.com/SDSRecyclingCenters.pdf">http://www.sierradisposal.com/SDSRecyclingCenters.pdf</a> )	STR: SLT Humane Society Recycle Match program nets \$680 in April. State regulations limit out-of-state recycling.	Ongoing	Ongoing
<b>2030</b>	<b>Commercial On-Site Pickup</b>	STR: Commercial pick up frequencies are determined by the business' need. Commercial garbage, recycling, and food waste pick up available. Size of bins needed are based on the business' need.	STR: Waste audits and waste management plans developed for Lake Tahoe Vacation Resort, program resources delivered. Site visit to Marriott Resort and Heavenly Village to review existing recycling programs.	STR: Heavenly's Tamarack Lodge added to Food Waste Recycling program for the summer. Green bins provided to Heavenly Village for their Food Waste establishments. SDS: Commercial recycling and trash services ongoing.	STR: Zephyr Cove Resort added glass recycling to ongoing programs.
<b>2040</b>	<b>Commercial Self-Haul</b>	STR: Commercial customers at the South Tahoe Refuse Transfer Station include contractors, yard and maintenance businesses, landscapers, resort management companies, small businesses, auto, cabinet and similar small shops, federal, state and local agencies, utilities and other miscellaneous businesses.	Ongoing	STR: There are 969 active customer accounts at the South Tahoe Refuse Transfer Station. These materials are sorted through the STR MRF operations.	Ongoing

<b>2050</b>	<b>School Recycling</b>	There is no charge to the schools for recycling. STR: weekly mixed recycling collection route to 12 schools, preschools and the Boys and Girls Club. SDS: weekly mixed recycling collection to 9 schools in the Black Oak Mine and Gold Trail Unified School Districts.	STR: Blue box containers provided to elementary schools for in-classroom recycling. 28.3 tons recycled so far this school year. SDS: Black Oak Mine and Gold Trail Unified School Districts recycling at 400 yards so far this year.	STR: 56 tons recycled through this program this school year. SDS:	STR: School recycling pickups resumed 8-20-15, including all schools in the service area, K through LTCC. SDS: School recycling will continue without interruption throughout the transition from SDS to EDD.
<b>2060</b>	<b>Government Recycling</b>	STR: In addition to MRF recycling, 45 agency sites participate in the free Office Paper Recycling Collection Route Program.	Ongoing	Ongoing	STR: In addition to MRF recycling, over 45 agency sites participate in the free Office Paper Recycling Collection Program. SDS: sold to EDD 8-31-15.
<b>2070</b>	<b>Special Collection Seasonal</b>	STR and SDS each hold community clean up events - STR once a year at the SLT MRF. SDS once a year in locations around the service area. These events are open to anyone in the service area.	STR: Clean Tahoe Day scheduled for June 6 at the STR Transfer Station/MRF. SDS: 2015 Community Clean up event May 9th, 9am - Noon at Lotus park. Open to residents of the SDS service area.	STR: Clean Tahoe event on June 6 included 598 residential loads, 13.35 tons of material collected for recycling and disposal. SDS: May 9th cleanup event at Lotus Park, 340 yds collected, including 293 tires, 137 appliances, 126 pieces of e-waste, 214 pieces of furniture and other misc. items.	Ongoing
<b>2080</b>	<b>Special Events</b>	STR: participates in numerous special events throughout the year and provides free Special Event Recycling containers and other resources to event planners. Information is available on the STR website.	STR: South Lake Tahoe Earth Day was held on April 25, 2015, at Bijou Community Park. This is a free environmental education and zero-waste event sponsored by STR and other local agencies. Despite snow, the event was successful, if a little wet. SDS: SDS donated recycling services to the American River Music Festival, September 2014.	STR: Amgen Women's Race, May 8 and 9, recycling services; May 16, Washoe Tribe Earth Day in Woodfords, booth and prizes for Kids Fun Run; June 20, Wildfire Safety Expo booth and recycling services.	STR: July 5 Beach Cleanup volunteer crew from STR, July 8 hosted CRRC meeting, Sample the Sierra, a zero waste event staffed by STR 9-6-15, FireFest planning meetings held at STR. SDS: staff appreciation lunch on 8-27-15.
<b>2090</b>	<b>Other Business Recycling</b>				
<b>3000</b>	<b>Residential Curbside GW</b>	STR: Unlimited collection of green waste at curbside for all California customers.	STR: Green waste collections route began in April due to lack of snow and early yard cleanup season.	STR: Green waste collection routes continue in City and Counties.	
<b>3010</b>	<b>Residential Self-Haul GW</b>	STR: Residents can bring green waste to the Resource Recovery Facility, however, this is minimal due to unlimited curbside program for all California customers.	Ongoing	Ongoing	Ongoing

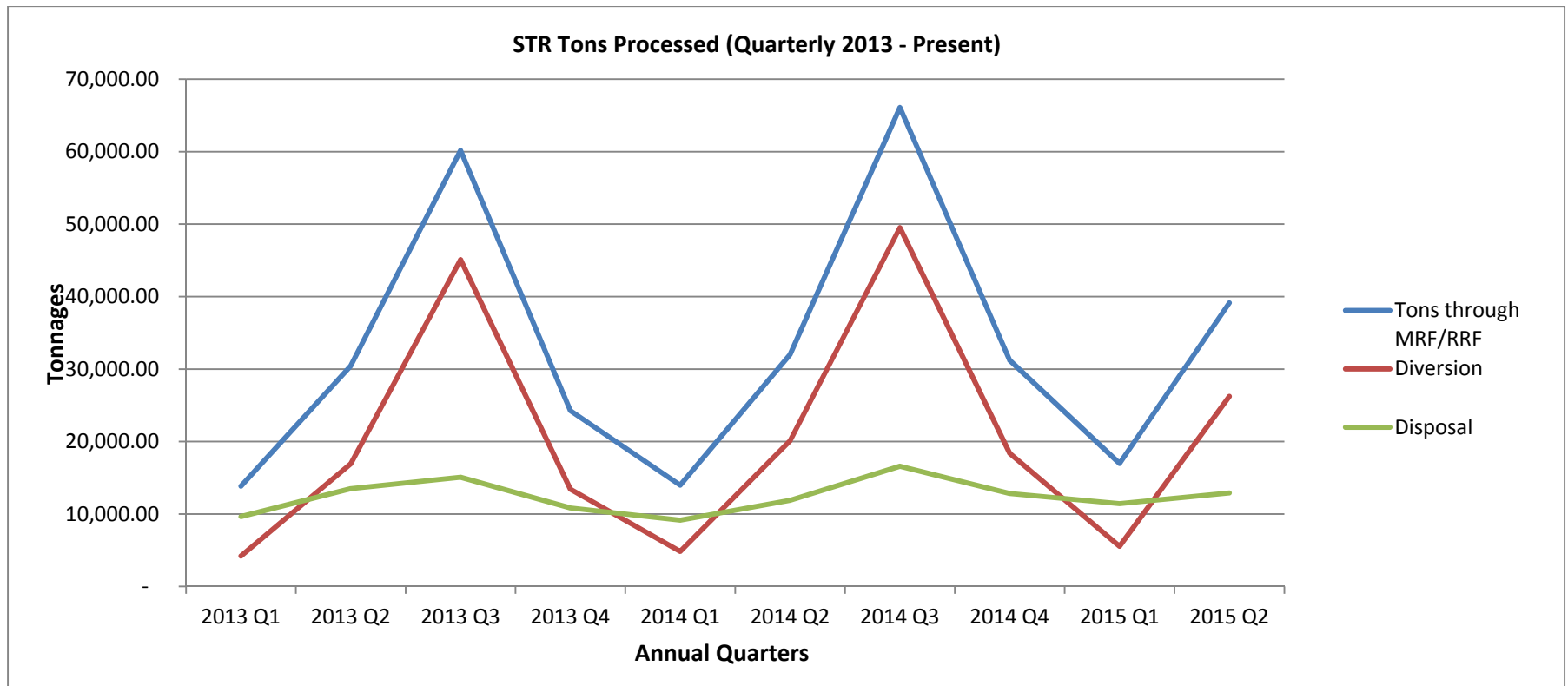
3020	Residential Onsite GW Pickup	STR: Green waste drop boxes available at a reduced cost for large residential property projects.	Ongoing	STR: Ongoing SDS: 5 of 12 free 40-yard green waste boxes completed.	STR: Ongoing SDS: will be folded into EDD programs.
3040	Food Waste	Working with local schools to implements food waste recycling programs. There is no charge to the schools for their food waste program. Participating schools have reduced their garbage bills by over 65%.	STR: Food waste recycling in place at all four California elementary schools and the South Tahoe High School Culinary program. Met with Mt. Tallac High School program to organize food recycling in the fall.	STR: Food waste containers provided to Heavenly Village for 5 restuarants. Schools closed for the summer.	Food waste recycling resumes at SLT schools; Heavenly Ski Resort and Sprouts restaurant added to route.
3060	Government Composting				
3070	Other Composting				
4010	Sludge	STR: Sludge from South Tahoe Public Utility District is transported to Bently Ranch for composting.	Ongoing	ongoing	Ongoing
4020	Tires	Collects tires at the MRF for a fee.	STR: Tire recycling is included in the Clean Tahoe Day event.	STR: Tires collected at Clean Tahoe event. SDS: 293 tires collected at spring cleanup event.	STR: Tires recycled through regular Transfer Station operations. New Tire Amnesty grant will encourage residents to recycle old tires.
4030	White Goods	STR: White goods are accepted at the MRF.	Ongoing	ongoing	Ongoing
4040	Scrap Metals	STR: Scrap metal is accepted at the MRF.	Ongoing	ongoing	Ongoing
4050	Mixed Wood	STR: Mixed wood is accepted at the MRF and RRF (if uncontaminated).	Ongoing	ongoing	Ongoing
4060	Asphalt/Concrete Mixed	STR: Asphalt and mixed concrete is accepted at the MRF.	Ongoing. STR: Cooperative proram with Tahoe Asphalt for asphalt and concrete recycling	ongoing	STR: utilizing both Tahoe Asphalt and Curtis and Sons for asphalt and concrete recycling.
4090	Rendering/Grease	STR: Reno Rendering handles most generators in South Lake Tahoe with a weekly route.	Ongoing	ongoing	Ongoing
5000	Electronic	STR: E-waste is collected Mondays through Saturdays from 8 am to 5 pm.	Ongoing	STR: Customer survey on website, website updated. SDS: Updates to website submitted to web contractor.	STR: Customer survey completed 8-31-15, including via website, phone calls and Chamber email blast. Results will be shared with JPA in September. SDS: website will link to EDD during transition.

<b>5010</b>	<b>Print</b>	STR: a wide range of printed material on various services; blue bag recycling, buy-back recycling, HHW, new customer information, bear awareness, special event recycling, etc. SDS: residential and commercial customer recycling information flyers.	Ongoing	STR: Developing campaign addressing animal issues in the basin. Also, new "Take Care" campaign developed by the Tahoe Fund with a wide range of topics, like litter, trash, bears.	Informational campaign being developed as agencies submit ordinance changes to local jurisdiction boards for approval, FireFest insert coordinated with Tahoe Tribune.
<b>5020</b>	<b>Outreach</b>	STR & SDS: Website, mailers, event booths, e-mails, phone calls, direct site visits.	STR: participates in numerous community events throughout the year, most recently South Lake Tahoe Earth Day on April 15, the South Lake Tahoe Chamber Business Expo on March 27 and the Sierra Nevada Alliance Wild and Scenic Film Festival on March 26, all zero waste events sponsored by STR, reaching over 2,500 people. Earth Day radio interview on KRLT and TV interviews on Lake Tahoe TV and a Fox affiliate from Reno.	STR: Amgen Women's Race, May 8 and 9, recycling services; May 16, Washoe Tribe Earth Day in Woodfords, booth and prizes for Kids Fun Run; June 20, Wildfire Safety Expo booth and recycling services. Customer survey on website, mailers to businesses and multi-family complexes (MCR), South Lake Tahoe Lodging meeting.	Sample the Sierra held Labor Day weekend, a zero waste event staffed by STR, school tours will be scheduled, tour with the League to Save Lake Tahoe pending
<b>5030</b>	<b>Schools (education and curriculum)</b>	STR: Food Waste Recycling at all elementary schools and at high school culinary classes. Recycling video. Provide school tours and assembly presentations upon request. A total of 85 school tours and presentations were provided by STR staff during the 13/14 school year involving over 3400 student, plus teachers and parents. School recycling video by Tahoe Valley 5th grade students is complete and up on the STR site.	STR: 20 school tours so far this school year, 1,250 students, teachers and parents. Presentations include various recycling programs, composting, HHW, and CRV. Students are given a reusable water bottle.	STR: A total of 22 school tours and presentations in this school year, 2,200 students, parents and teachers. Tours continue in the summer for rec programs and preschool programs.	School tours will resume at teachers' requests.
<b>6010</b>	<b>Economic Incentives</b>	Blue Bag recycling and green waste recycling programs are free to residential customers. Food waste recycling is free to the schools.	Ongoing	Ongoing	Ongoing
<b>6020</b>	<b>Ordinances</b>		STR: local agencies are reviewing revisions to ordinances to decrease animal interaction with trash.	STR: draft ordinance concepts to reduce animal interaction with trash are released to the jurisdictions for review and inclusion in agency ordinances	Ordinance review continues with each jurisdiction.
<b>6030</b>	<b>Other Policy Incentive</b>				

<b>7000</b>	<b>MRFs</b>	STR: South Tahoe Refuse Transfer Station/MRF. SDS: Western El Dorado Transfer Station/MRF	STR: reorganizing C&D processing area before summer construction season. Paving and BMP projects underway. 64% recycling	STR: Paving project complete. Excavator being used to sort C&D materials.	Trammel demonstration generates over 400 tons of ADC in 17 running hours.
<b>7010</b>	<b>Landfill Diversion</b>	n/a			
<b>7020</b>	<b>Transfer Station Diversion</b>	STR: included in MRF numbers	Ongoing	ongoing	Ongoing
<b>7030</b>	<b>Compost Facility</b>	STR uses Full Circle Compost and Bently Ranch	Ongoing	ongoing	Ongoing
<b>7040</b>	<b>ADC</b>		STR: 13,631 tons in 2014.	STR: 1,667 tons first quarter 2015.	STR: 2508.7 tons second quarter 2015.
<b>8020</b>	<b>Transformation</b>	n/a			
<b>9000</b>	<b>HHW Permanent Facility</b>	STR: Tuesday and Saturday 9-12 & 1-4.	Ongoing	ongoing	Contracted with PaintCare for paint recycling program.
<b>9010</b>	<b>HHW Mobile/Periodic</b>	NA			
<b>9030</b>	<b>HHW Waste Exchange</b>	NA			
<b>9040</b>	<b>HHW Education Programs</b>	STR: HHW programs is advertised on the website, sent out to new residents, handed out at the Transfer Station and displayed at special events. EMD also lists STR's HHW on their website and informational flyer.	Ongoing	STR: HHW infor card mailed to all business and multi-family customers in June 2015.	HHW info card provided to all new accounts and distributed at the Transfer Station Scalehouse and HHW facility. Information provided on STR website and linked from EMD.
<b>9045</b>	<b>Electronic Waste</b>	Collected Monday through Saturday, 8 am to 5 pm.	Ongoing	STR: Electronic Waste Management provided e-waste recycling at Clean Tahoe Day and at South Tahoe Middle School on June 6, collecting 5.6 tons in addition to daily e-waste services at the STR Transfer Station.	Ongoing
<b>Additional Info</b>					

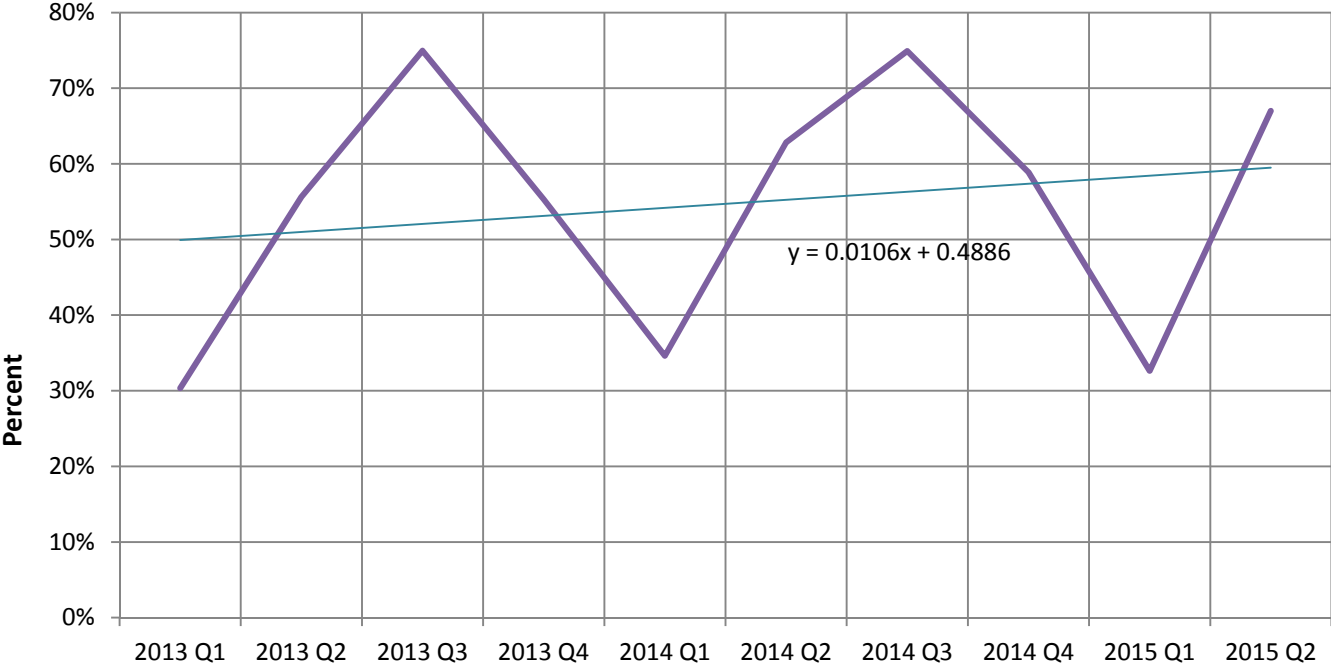
STR Tonnage Trends by Quarter

STR Tons Processed Quarterly (2013-Present)										
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2
<b>Tons through MRF/RRF</b>	13,848.00	30,441.40	60,170.80	24,258.70	13,981.60	32,021.20	66,087.70	31,201.70	16,980.30	39,142.20
<b>Diversion</b>	4,201.70	16,933.00	45,105.00	13,416.90	4,840.30	20,123.20	49,504.50	18,372.60	5,539.80	26,226.10
<b>Disposal</b>	9,646.30	13,508.40	15,065.80	10,841.80	9,141.30	11,898.00	16,583.20	12,829.10	11,440.30	12,916.20
<b>% Diversion</b>	30%	56%	75%	55%	35%	63%	75%	59%	33%	67%
	2013 Average % Diversion			<b>54%</b>	2014 Average % Diversion			<b>58%</b>		

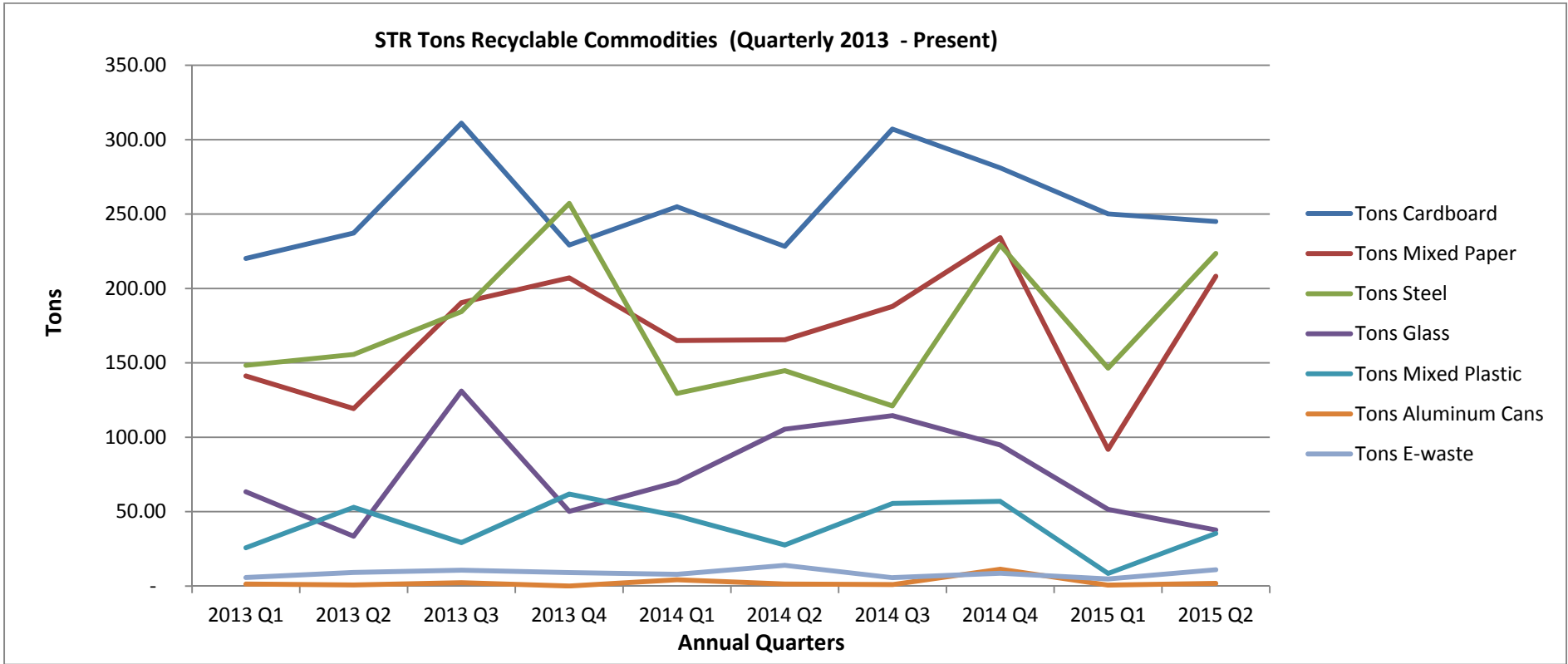




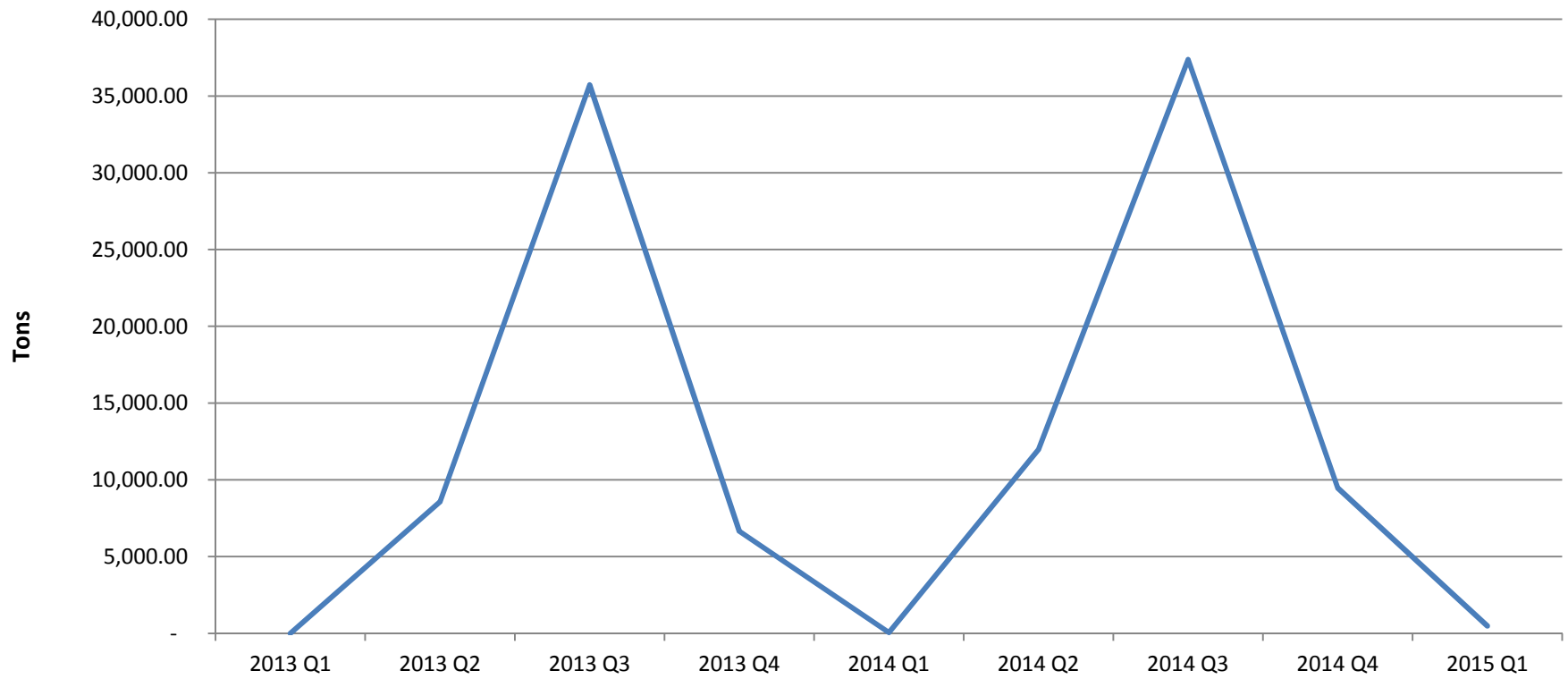
STR % Diversion Quarterly (2013 - Present)



STR Tons Recyclable Commodities (Quarterly 2013 - Present)										
	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2
Tons Cardboard	220.20	237.20	311.00	229.20	254.90	228.30	307.10	281.00	250.10	245.00
Tons Mixed Paper	141.20	119.30	190.50	207.10	164.90	165.50	187.90	234.10	91.80	208.20
Tons Steel	148.30	155.60	184.40	257.20	129.50	144.70	121.10	229.10	146.40	223.50
Tons Glass	63.30	33.50	131.00	50.20	69.90	105.40	114.50	94.80	51.50	37.70
Tons Mixed Plastic	25.70	52.90	29.20	61.80	47.20	27.60	55.50	56.90	8.50	35.40
Tons Aluminum Cans	1.30	0.70	2.20	-	4.20	1.30	1.00	11.30	0.60	1.80
Tons E-waste	5.74	9.10	10.64	9.00	7.88	13.95	5.57	8.54	4.75	10.94



STR Tons C&D (Quarterly 2013 - Present)





# EL DORADO COUNTY SOLID WASTE ADVISORY COMMITTEE (EDSWAC) PUBLIC MEETING AGENDA

November 9, 2015 2:30 p.m.

2850 Fairlane Court, Conference Room 248, Placerville, CA  
City of South Lake Tahoe, 1052 Tata Lane, South Lake Tahoe, CA

## EDSWAC Responsibility

To assist and advise the agencies responsible for developing and implementing solid and hazardous waste management plans and to aid in ensuring that the County adequately plans for meeting future solid waste handling and disposal needs.

## EDSWAC Members

1. District 1: Don Nizolek, Vice Chair
2. District 2: George Turnboo
3. District 3: Dickson Schwarzbach, Chair
4. District 4: Nancy Spinella
5. District 5: Frank Papandrea
6. City of Placerville: Pierre Rivas, Alternate: Lynne Hunter
7. City of South Lake Tahoe: Ray Jarvis, Hillary Roverud
8. Cameron Park CSD: Mary Cahill, Alternate: J.R. Hitchborn
9. El Dorado Hills CSD: Katrina Jackson, Brent Dennis
10. STR/SDS: Jeanne Lear, Alternate: John Marchini
11. EDD/AD/WCNX: Jeff England, Alternate: Melody Byers

## VOTING

Requires a motion and second according to Robert's Rules of Order.

A quorum for voting consists of 50% of members plus one.

## 1. Call to Order

## 2. Approval of Agenda

## 3. Approval of Minutes

- a. July 13, 2015
- b. September 14, 2015

## 4. Old Business

### a. C & D Ordinance Revision

Review County Counsel's comments on C&D Ordinance.  
Tasks remaining prior to placing revised ordinance on BOS calendar.  
Proposed revised date to present FINAL C&D Ordinance to BOS for approval.

### b. EDSWAC Letter of Approval to EMD (5-year CIWMP review)

Present letter to EDSWAC Members.  
Opportunity to debrief and discuss "Lessons Learned"

### c. Meeting Attendance – EDSWAC Roster Changes Approved by BOS 9/29/15

- *District 5 Representative, Frank Papandrea*
- *South Tahoe Refuse Alternate, John Marchini*
- *El Dorado Disposal Alternate, Melody Byers*
- *Cameron Park CSD Alternate, J.R. Hitchborn*

### d. Mattress Recycling Council

Staff contacted the Mattress Recycling Council (MCR). A representative is scheduled to present at the January 11<sup>th</sup> meeting ~~into his schedule~~.

### Mandatory Organics Waste Recycling AB 1826 (MORE)

Staff contacted CalRecycle. Two representatives have calendared the January 11<sup>th</sup> meeting into their schedules.

*Recommended Action:* Staff recommends EDSWAC confirm and direct staff to either keep both the MCR and MORE presentations scheduled, or reschedule one of them for the March 14<sup>th</sup> meeting.

### e. Reschedule the South Lake Tahoe EDSWAC Meeting

At the July 13<sup>th</sup> EDSWAC meeting, EDSWAC directed staff to reschedule the location of the September 14<sup>th</sup> EDSWAC meeting to Placerville

instead of South Lake Tahoe. EDSWAC said they would like to reschedule the South Lake Tahoe meeting.

*Recommended Action:* Staff recommends EDSWAC choose a date for the EDSWAC meeting to be held in South Lake Tahoe.

## **5. New Business**

- a. County Solid Waste Management Plan (SWMP) and Strategy Tracking Spreadsheet Review (carried over from September 14, 2015 agenda)
- b. Review and Analyze EDD and STR Quarterly Tonnage Reports: Quarter 2 data is not required to EMD until Nov 15<sup>th</sup>. Staff will have updated reports at the January 11<sup>th</sup> meeting.

## **6. Agency / Jurisdiction Reports**

- a. County of El Dorado – See Attached
- b. El Dorado Disposal / Amador Disposal Service
- c. South Tahoe Refuse / Sierra Disposal Service
- d. City of Placerville
- e. City of South Lake Tahoe
- f. Cameron Park Community Services District
- g. El Dorado Hills Community Services District

## **7. Open Forum / Public Comments**

## **8. Action Items for Next Meeting**

## **9. Adjournment**

**NEXT MEETING:** Monday January 11, 2016 @ Placerville

### **EDSWAC Operation Guidelines:**

1. Use data to monitor the status of existing diversion practices/strategies and to identify and recommend the next best steps to further increase diversion up to 75%. Data to be used in this process would include: **a.** Strategies identified in the Solid Waste Management Plan **b.** Annual Source Reduction Report organized by Paris codes **c.** Construction and demolition (C&D) diversion for appropriate building permits and percentage of C&D tons diverted. **d.** Quarterly jurisdiction reports on diversion.
2. Identify opportunities and strategies for increasing public participation/education about reducing, reusing, recycling and recovering materials to reduce the waste stream entering material recovery facilities.
3. Seek out and review strategies for waste diversion used successfully by other jurisdictions.

EL DORADO COUNTY

**SOLID WASTE ADVISORY COMMITTEE  
PUBLIC MEETING MINUTES  
NOVEMBER 9, 2015**

LOCATION: 2850 Fairlane Court, Placerville  
1052 Tata Lane, South Lake Tahoe

MEMBERS PRESENT: Dickson Schwarzbach, Chair, County Representative, District 3  
Don Nizolek, Vice-Chair, County Representative, District 1  
George Turnboo, County Representative, District 2  
Nancy Spinella, County Representative, District 4  
Frank Papandrea, County Representative, District 5  
Jeff England, El Dorado Disposal  
Jeanne Lear, South Tahoe Refuse (via telephone)  
Dr. Katrina Jackson, El Dorado Hills CSD  
Mary Cahill, Cameron Park CSD  
Pierre Rivas, City of Placerville

COUNTY STAFF: Greg Stanton, Director  
Donna Cadematori, Department Analyst  
Paul Harden, Environmental Health Specialist II  
Amy Velasco, Supervising Environmental Health Specialist

MEMBERS ABSENT: Ray Jarvis, City of South Lake Tahoe

OTHERS PRESENT: Rod Pimental, Community member  
Melody Byers, El Dorado Disposal, Alternate

1. **Call to Order**
  - Meeting called to order at 2:35 pm by Schwarzbach.
2. **Approval of Agenda**
  - Schwarzbach motioned to approve the Agenda. Motion was seconded by Rivas. All members present unanimously approved the motion.
3. **Approval of Minutes**
  - July 13, 2015: Spinella informed the group that she was not present at this meeting - move from "Members Present" to "Members Absent". Schwarzbach motioned to approve the July 13, 2015 minutes with this change (Stanton advised Minutes would be corrected). Motion was seconded by Spinella. All members present unanimously approved the motion.

- September 14, 2015: Schwarzbach motioned to approve the September 14, 2015, minutes. Motion was seconded by Rivas. All members present unanimously approved the motion.

#### 4. Old Business

##### a) C&D Ordinance Revision:

- After general discussion, and Velasco's brief overview of County Counsel's changes which included:
  - Format modifications to be consistent with current County Ordinance organization
  - Addition of enforcement provisions
  - Modifications to the definitions
  - Deletion of information that was deemed unnecessary

Stanton advised that there is a target date of 12/8/15 to bring this item forward to the Board of Supervisors, along with the Agency's new proposed fees.

- Nizolek pointed out that the most recent "EDD % Recovery Report (Quarterly 2013 – 2<sup>nd</sup> Quarter 2015)" reported creditable % recovery for C&D debris as less than 50% for 3 of the 4 quarters during 2014. Specifically: 2014 Q1 = 46.40%, 2014 Q2 = 52.66%, 2014 Q3 = 44.42%, and 2014 Q4 = 44.81%). Since the C&D Ordinance and the Franchise Agreements require all C&D debris to be processed through the Franchise MRFs, except when the C&D debris is self-hauled to a non-Franchise recycler by the Building Permit Permittee, Nizolek requested clarification on how the County was validating that Permittees were diverting a minimum 50% diversion of project C&D waste in light of the reported 2014 diversion data. Velasco explained that option 1 of the revised C&D ordinance requires that all C&D debris generated from the permitted project must be managed by the franchise waste company for the area. This will eliminate the practice of permittees removing the recoverable items of value and sending the remaining debris which is mostly unrecoverable to EDD which affects their recovery rate. Additionally, the new EDD MRF will have enhanced, more efficient C&D processing equipment which will produce higher recovery rates.

##### b) EDSWAC Letter of Approval to EMD (5-year CIWMP review); "Lesson's Learned"

- Stanton advised EDSWAC members that the 5-year CIWMP review, inclusive of EDSWAC's letter, is on the Board of Supervisors' consent calendar for 11/10/15.
- Stanton clarified that it is not the State's desire to impose the expense of developing a whole new SWMP unless a significant change took place such as a new building, or facility, in which case it would be required to amend the CIWMP.
- Lesson's Learned: EDSWAC Members spent a considerable amount of time reviewing this year's 5-year CIWMP Review Report and supporting documents provided by Staff. Upon review of the report and supporting documents, it was decided that the County did not have any significant changes that would trigger revision of the CIWMP. Reflecting on the process, and given that El Dorado County has a Solid Waste Management Plan to guide and prioritize diversion programs, Nizolek feels that for the 2020 5-year CIWMP Review, should circumstances be the same, EDSWAC should not



devote so much time and simply provide a short update on whether the County has met it's 50% diversion mandate.

**c) Meeting Attendance – EDSWAC Roster Changes Approved by the Board of Supervisors during Meeting of 9/29/15**

- District 5 Representative, Frank Papandrea
- South Tahoe Refuse Alternate, John Marchini
- El Dorado Disposal Alternate, Melody Byers
- Cameron Park CSD Alternate, J.R. Hichborn

**d) Mattress Recycling Council:**

- Velasco confirmed that Rodney Clara from CalRecycle, Mattress Recycling Council, is scheduled to attend January's meeting. Stanton clarified that Mr. Clara will present what the council is doing state-wide, as well as, what this entails for the County. January's meeting will entail two programs: mattress recycling and organics.

**e) Meeting Rescheduling:**

- EDSWAC members discussed having the meeting on July 11, 2016, at South Tahoe Refuse, and the meeting on September 12, 2016, at El Dorado Disposal. Both meetings will include a tour of the facility and lunch sponsored by Jeanne Lear for South Tahoe Refuse, and Jeff England for El Dorado Disposal.
- Schwarzbach made a motion for approval of the two revised meeting locations. Cahill second the motion. All members present unanimously approved the motion.

**5. New Business:**

**a) County Solid Waste Management Plan (SWMP) and Strategy Tracking Spreadsheet Review (carried over from September 14, 2015 agenda).**

- Velasco advised that she emailed the Strategy Tracking Spreadsheet in a response template format this a.m. to EDSWAC Members, and others who are on the email distribution list. Comments are to be typed in the column added to the spreadsheet and must be emailed back to Velasco by November 30, 2015. The spreadsheet will have a hyperlink to the Action Plan, which will require internet connection.
- Stanton commented that there are a lot of solid waste activities occurring in the County. The intent is to go back to the Board to provide a status update. Stanton also asked members to be cautious that we are only three years into the planning document with two years left to work on short term strategies.
- Turnboo suggested a sub-committee to review the SWMP and comments received from members. EDSWAC members unanimously agreed to form a sub-committee during January's meeting.

**b) Review and Analyze EDD and STR Quarterly Tonnage Reports:**

- Quarter 2 data is not due to EMD until Nov 15<sup>th</sup>. Staff will provide updated reports at the January 11<sup>th</sup> meeting.
- Schwarzbach asked if there are any areas in the report that EDSWAC needs to look at. Stanton replied that "we are hitting the mark" and increasing the diversion amount.



Stanton clarified the approved methodology for comparison is pounds per person, per day. County's target is 5.3 pounds per day, per person. History shows in 2010 it was 3.7; in 2011, 3.3; in 2012, 3.3; and in 2013, 3.3, pounds per person, per day. Commodities moving through the MRF is only a snapshot. As an example, major businesses back-haul their cardboard which is not reflected in the report. Stanton clarified that the 75% diversion rate is not measured or mandated for jurisdictions - it is a statewide average goal.

- Nizolek acknowledged that the State's 75% diversion rate is a goal and not a mandated requirement that each jurisdiction must achieve. However, the Board of Supervisors has endorsed a County-specific 75% diversion goal by 2020; a goal that is consistent with the State's 75% diversion goal, and has been deemed achievable through the effective implementation of the strategies identified in the SWMP. He also acknowledged that the State's change to measuring diversion in pounds per person, per day (PPD) is a regulatory reporting requirement that the State now uses to measure compliance with meeting the 50% diversion requirement under AB 939. When measuring progress toward meeting the County's 75% diversion goal through the effective implementation of the selected SWMP strategies, progress should be measured in % diversion. The SWMP contains a conversion formula to convert PPD to % diversion (Attached – Was distributed to EDSWAC Members at the meeting). This conversion formula was used in the preparation of the SWMP to calculate waste generation baselines, identify and evaluate potential waste diversion strategies, identify achievable waste diversion strategies for implementation, and to establish achievable diversion targets. The conversion formula should be used as the standardized methodology for measuring progress toward achieving the County's 75% diversion goal. Stanton agreed to look into Don's concern, and report back at the next meeting.
- England provided input on the variance in the tonnage reports, and added that commodity prices are still high, which impacts the tonnages. Variables are due to the economy; when economy is down, consumption is also down. There's a lot of people tearing out their lawns thereby increasing the green waste. Rain has an impact on the numbers making items heavier. Stanton added that with the new MRF at El Dorado Disposal, dirt will come out of the C&D and be diverted as an alternative daily cover (ADC).

#### 6. Agency / Jurisdiction Reports:

- County of El Dorado  
See Attached
- El Dorado Disposal / Amador Disposal Service  
England provided update: Still in cart roll-out mode; implementing new curbside green waste pick-up programs in County over past couple months; and a community clean-up waste event was held in the Spring, and will have an event in the Fall.
- South Tahoe Refuse / Sierra Disposal Service  
Nothing to report
- City of Placerville  
Nothing to report
- City of South Lake Tahoe  
Nothing to report
- Cameron Park Community Services District  
Cahill provided a handout

- El Dorado Hills Community Services District  
Nothing to report

**7. Open Forum / Public Comments**

- Spinalla commented that the ban on burning has been lifted as of today, and strongly encourages others to use the Fire Safe Counsel for chipping.

**8. Action Items for Next Meeting**

- Two informational presentations
- Identify who will be on the subcommittee
- Staff to provide answers to diversion methodology of pounds per person, per day.

**9. Adjournment**

Swhwarzbach motioned to adjourn. Spinella seconded the motion. All members unanimously approved the motion.

Next meeting – January 11, 2016 @ 2:30pm in Placerville

Meeting adjourned at 4:20 pm.

“Approved

*Catherine Dreksm Schwarzbach*

Chairperson

*1/10/16*

Date”

**EDSWAC Meeting  
November 9, 2015  
El Dorado County Updates**

1. Staff Reports
  - a. Waste Tire Amnesty Grant - \$87,716 awarded by CalRecycle- BOS approved CDA to accept the grant funds. Staff is working with EDD and STR to develop contracts and advertise the upcoming waste tire amnesty events beginning early 2016. Watch EMD's webpage (<http://www.edcgov.us/EMD/>) for coming amnesty collection dates.
  - b. City/County Payment Program Grant - \$40,022 awarded. Staff will be requesting BOS approval for the acceptance of Grant funds in November. Funds will be used for Countywide roadside litter abatement program.
  - c. OPP 6 Grant - Awarded
  - d. Household Hazardous Waste Grant – Application tentatively available winter 2015. When it is open we will evaluate what types of projects are eligible.
2. Update on Solid Waste Franchise Agreement: TTSD's new franchise agreement was approved by the BOS on October 27, 2015.
3. Solid Waste Management Plan Update: Discussed in today's EDSWAC meeting
4. Meeting AB 939 / AB 341 Goals / SB1016 Graph
  - a. PARIS Codes Narrative: Attachments
  - b. Disposal/Diversion Data: Attachments
5. Legislative / Regulatory Update

**Table 1**  
**Summary of Recent Diversion Rates**

Jurisdiction	Residential Pounds per Day Disposal Target <sup>a</sup>	2009 Residential Pounds per Day Disposed	2009 Equivalent Diversion Rate <sup>b</sup>	2010 Equivalent Diversion Rate <sup>b</sup>
City of Placerville	6.9	3.2	77%	75%
City of South Lake Tahoe	9.4	8.7	54%	54%
El Dorado County – Unincorporated	5.3	3.8	64%	65%
Total				65%

<sup>a</sup> The State’s measure of meeting the AB 939 diversion goal is now based on a pounds per day target. The residential pounds per day target is based on the average pounds per day generated between 2003 and 2006 multiplied by 50 percent.

<sup>b</sup> The equivalent diversion rate is determined by the following calculation:  $1 - [(\text{annual pounds per day disposed}) / (\text{pounds per day disposal target} \times 2)]$ .

El Dorado County (County) was the first rural California county to meet the California Integrated Waste Management Act Assembly Bill 939 (AB 939) 50 percent diversion goal.<sup>3</sup> The County and its waste management franchises achieved that goal by developing facilities and implementing several source reduction and recycling programs. These facilities and programs have served the County well.

In 2009, the two Cities and the County unincorporated area exceeded the State’s established per resident disposal rate targets,<sup>4</sup> as illustrated in **Table 1**, above. The County as a whole is well on its way to a 75 percent diversion target. The City of Placerville exceeded 75 percent diversion in 2009 and 2010. The Countywide diversion rate was approximately 65 percent in 2010. The high diversion rates of the last two years may be related to economic conditions more than diversion activities. It is possible that diversion rates will decrease when economic conditions improve. Thus, the County cannot rest on its laurels. There is still much that can be done

to improve diversion, sustainably manage waste and resources, reduce greenhouse gas emissions, comply with state laws and business codes, and modernize solid waste infrastructure.

The California waste management regulatory environment is evolving, and El Dorado County will need to expand capacity. Evidence of an evolving regulatory environment includes:

- **Global Warming Legislation** – In 2006 Assembly Bill 32 (AB 32) passed, setting new waste management requirements including mandatory commercial recycling and 50 percent diversion of organic waste. The County is not meeting these new requirements. Currently, commercial recycling is voluntary. Green waste collection programs are implemented only in portions of the County. The County’s food waste collection is limited to a pilot commercial food waste program in South Lake Tahoe. The County’s commercial recycling and organic waste programs must be upgraded to meet AB 32 requirements.
- **New Legislation** – The State recently considered several legislative bills that if passed would have increased the diversion goal from 50 to 75 percent. Many California jurisdictions have already set 75 percent diversion targets or “zero waste” goals. This Plan includes strategies to get to a 75 percent diversion goal.

<sup>3</sup> Unincorporated County exceeded the 50 percent goal in 2003, and the City of Placerville and City of South Lake Tahoe exceeded the 50 percent goal in 2004.

<sup>4</sup> These pounds per person per day (PPD) targets are essentially equivalent to a 50 percent diversion rate.



## El Dorado Disposal Program Report

PARIS Code	Description	Program Description	9/14/2015	11/9/2015
1000	Grasscycling	Reach out to golf courses and schools to see who is grass cycling and notate the acres or yards so we can calculate data and list organizations in the county currently grass cycling.	Due to drought this program has been delayed, will notify EDSWAC when we resume.	Due to drought this program has been delayed, will notify EDSWAC when we resume.
1010	<b>Business Waste Reduction: Mandatory Commercial Recycling (MCR)</b>	Sending out a survey to county customers researching who is currently composting. Composting information will be on the website by February. Emailing all current customers who might be interested in composting information.	Provided information on AB 341 and AB 1826. Set up waste assessments for people that were interested. Gathered feedback from over 250 customers at a Chamber mixer. In August, our sustainability coordinator talked to 21 commercial customers regarding recycling. She performed three on site visits. In July, our sustainability coordinator talked to 28 businesses/multi family complexes/schools about recycling.	We will begin mailing out our Annual letter descibing AB341 to our customers that are non compliant. We just received outreach material for AB1826. We will begin to distribute it starting with our customers with the highest service level and work our way down the list.
1020	<b>Business Waste Reduction</b>	Work on presentation and survey for Chambers to inquire what businesses are doing to reduce waste and offer site visits to help implement recycling programs.	Sustainability Coordinator will be speaking at Kiwanis monthly meeting regarding commercial waste reduction. Meeting this month with the Divide Rotary regarding new services and recycling.	Sustainability Coordinator will schedule to speak at a Kiwanis monthly meeting regarding commercial waste reduction.
1030	<b>Procurement</b>	Make sure each internal department is recycling to full potential. Renewed focus on purchasing recycle content materials. Share with local jurisdictions. Ongoing.	Will update our procurement program with the county assistance. County will send samples of procurement programs.	Will update our procurement program with the county assistance. County will send samples of procurement programs.
1050	<b>Government Source Reduction</b>	Discuss with each municipality their reduction, reuse and recycling programs. Ongoing.	Focus on their source reduction programs at our next regularly scheduled jurisdictional meeting scheduled for September and October.	On-going program
1060	<b>Material Exch/Thrift Shops</b>	Stationed at the MRF we have a security box for gently used items where we donate items for the Partner's in Care Thrift Store. No charge to MRF customers to drop off material. Bicycle drop off program in conjunction with the Cameron Park Rotary and Folsom Prison. Bikes are refurbished and donated to children in need (all year long). Ongoing program.	Ongoing program to Thrift Store and USAGAIN textiles. Tons for textiles will be calculated quarterly for reporting. Lasr quarter picked up 6,050 pounds of testiles at our four centers.	On-going program, collected 4,48 pounds of textiles at our recycling centers for the quarter.
2000	<b>Residential Curbside</b>	Working on group area reroute to go curbside. Putting together a customer service communication strategy for cart roll outs in the county. All new start customers were given option of 35 gallon trash carts beginning October in the county.	Cart roll out has been completed for Area A. We need to now focus on the Amador Disposal area (Area B) which is the south county. We will be sending out information regarding carts and programs in September and rolling out new services beginning in September and into October. These new programs will mirror the Area A programs with the exception of curbside green waste collection every other week.	Cart roll out complete for Amador. Sending trifold with options for customers in Area C(Sierra Disposal). Anticipate all carts to be delivered in Area C by end of December.

2010	Residential Drop-Off	Free customer drop off for the following commodities daily: OCC, newsprint, metal, plastic, rigid plastic. Each buy back center is available for drop off of these materials along with the MRF. On going program.	July <b>127.33</b> tons were collected. August <b>106.75</b> tons were collected	September <b>106.74</b> tons were collected. October <b>110.17</b> tons were collected
2020	Buyback Centers	Collecting fluorescent tubes and batteries now at recycling centers and MRF. On going program.	July 307 feet of fluorescent tubes and 278 pounds of batteries were collected. August, 481 feet of fluorescent tubes and 143 pounds were collected.	Sept. 452 feet of fluorescent tubes and 325 pounds of batteries were collected. October, 524 feet of fluorescent tubes and 418 pounds were collected.
2030	Commercial On-Site Pickup	Will work with 3 apartment complexes that are not compliant with AB341.	Provided information on AB 341 and AB 1826. Set up waste assessments for people that were interested. Gathered feedback from over 250 customers at a Chamber mixer. In August, our sustainability coordinator talked to 21 commercial customers regarding recycling. She performed three on site visits. In July, our sustainability coordinator talked to 28 businesses/multi family complexes/schools about recycling.	On going program
2040	Commercial Self-Haul			
2050	School Recycling	Working on a school recycling competition program with two elementary schools in the Placerville District.	Reaching out to schools to see if we can get participants for a recycle C	Continue to work with Sutters Mill and Gold Trail school's recycle program.
2060	Government Recycling	Will work directly with county on implementing recycling carts in lobbies of government buildings.	Partnering with county to educate all departments within county about recycling opportunities	On going program
2070	Special Collection Seasonal		Upcoming clean up events: Cameron Park Fall Clean Up September 19th, El Dorado Hills Fall Cleanup October 3rd, City of Placerville Fall Clean Up October 17th, Grizzly Flat Fall Cleanup September 26th.	Curbside events: CP held 9/19- 23.86 tons trash, 3.36 tons of yw, 1.13 tons recycling. EDH held 10/3- 15.43 tons of trash, 2.49 tons of yw and 4.14 tons of recycling. Placerville held 10/17 - 41.25 tons trash and 5.07 tons of yw.
2080	Special Events		Had a booth and presented wine rack made out of pvc pipe to raise awareness of recycling with items around the house at the El Dorado Hills CSD/Chamber Saturday in the Park event. Spoke to over 350 people about our programs. Upcoming events are American River Music Festival, Placerville Oktoberfest, Placerville Downtown Pink in the Night, Placerville Art and Wine, Trick or Treat Main Street, Halloween Carnival CP, and Founder's Day in Georgetown anticipate either a booth and/or recycling containers to the upcoming events.	October 24th had a booth at the Cameron Park Fall Festival. Educated public on recycling, do and don't's. Was over 250 present at the event. Had games for the children and give aways.
2090	Other Business Recycling			

3000	Residential Curbside GW	Working on the outreach communication, timeline for cart delivery in the county for green waste program. Create vouchers for new green waste program specific to the new county contract.	Cameron Park and El Dorado Hills curbside yard waste will be held on October 15th and 16th.	Curbside collections for yard waste: County had 142.85 tons, EDH had 36.71 tons, Cameron Park had 38.71 tons.
3010	Residential Self-Haul GW	FSC Grant program implemented in the county.	October 10th will be first county self haul green waste event held at 300 Fair Lane will partner with El Dorado County Environmental Management.	County first yard waste drop off had 1.88 tons.
3020	Residential Onsite GW Pickup			On going program for yard waste pickup
3030	Commercial Self-Haul GW			
3040	Food Waste	Reaching out to acquire more participation from restaurants.	Our food waste pilot program is running strong. We currently have added Forklift market., which will increase our tons for September and October.	We will be reaching out to the grocery stores to bring awareness of AB 1826. Created a food waste brochure to hand out to commercial accounts.
3060	Government Composting			
3070	Other Composting			
4010	Sludge	On going removal.	City of Placerville had 146.87 tons in July and 129.41 tons in August. Red hawk had 26.47 tons in July and 19.34 tons in August.	City of Placerville had 106.55 and October 125.64 tons. Red Hawk had 10 tons in September and 9.10 tons in October.
4020	Tires		July 11.89 tons were shipped. August 12.75 were shipped	Sept. 11.84 tons were shipped. October 0 tons were shipped
4030	White Goods		July, 205 appliances were received and in August, 226 appliances were	243 appliances were received in Sept. and, 270 appliances were received in October
4040	Scrap Metals		July 196.03 tons were recovered and shipped out. August 149.09 tons were recovered and shipped out.	Sept. 151.79 tons were recovered and shipped out. October 149.20 tons were recovered and shipped out.
4050	Mixed Wood		July 437.71 tons were recovered and shipped out. August 382.25 tons were recovered and shipped out.	Sept. 313.58 tons were recovered and shipped out. October 409.21 tons were recovered and shipped out.
4060	Asphalt/Concrete Mixed		July there were no tons shipped out. August 191.75 tons were recovered and shipped out.	Sept. 125.25 tons were shipped out. October 167.38 tons were recovered and shipped out.
4090	Rendering/Grease			
5000	Electronic	On going program	July 22.52 tons were collected and shipped out. August 24.53 tons were collected and shipped out.	Sept. 22.01 tons were collected and shipped out. October 20.32 tons were collected and shipped out.
5010	Print	Printing survey, vouchers, calendars and new cart rollout educational material.	Printing tri-fold informational brochure for Amador customers regarding the new cart programs similiar to what we did in Area A of the County.	Trifold for AREA C will be mailed in November. Calendar and vouchers will be mailed in December.

5020	Outreach	One Person's Trash Winter Edition Newsletter sent with 26,000 Mt. Democrat Newspapers, focusing on educating public on recycling information.	On going multi media outreach. Presenting Widget program to El Dorado Hills CSD Board October 10th.	Multi media on going. Working on One Persons Trash Winter Ediction. Inbsert will be sent January 1st.
5030	Schools (education and curriculum)		Shared a book about composting to children's group. Educated on the importance of composting and how to do it at home or at school. Used compost from the office and planted seeds for the kids to take home. Approximately 25 in attendance.	Met over 500 students in October to discuss recycling options, projects or updates. Attended Markham School, Jackson Elementary , Gold Trail and Sutter's Mill.
6010	Economic Incentives			
6020	Ordinances			
6030	Other Policy Incentive			
7000	MRFs			
7010	Landfill Diversion			
7020	Transfer Station Diversion			
7030	Compost Facility			
7040	ADC			
8020	Transformation			
9000	HHW Permanent Facility	On-going program.	In July, 1211 customers used the HHW facility and August, 920 customers used the HHW facility	August had 820 customers use the HHW facility and 1005 customers in. October.
9010	HHW Mobile/Periodic			
9030	HHW Waste Exchange	The MRF has a waste exchange program for safe HHW material. Residential customers are allowed to take items free of charge. Examples of items available for drop off are cleaning supplies, paint and automotive fluids. Latex and Oil base paints are shipped to Paint Care to recycle paint that is collected.	This is on going program for residential customers to dispose of HHW.	This is on going program for residential customers to dispose of HHW.
9040	HHW Education Programs			
9045	Electronic Waste	Processor has ability to hold an ewaste event. The MRF and Buy Back Centers provide free E-Waste drop off.	Processor available for any electronic waste events.	Processor available for any electronic waste events.



## South Tahoe Refuse and Recycling

Consolidation of ARD under STR franchise was approved by the BOS in December 2014

SDS franchise extension approved by the BOS in December 2014. SDS sold to EDD August 31, 2015.

PARIS Code	Description	Program Description	9/14/2015	11/9/2015
1000	Grasscycling	Collected in the RRF. Sent to Full Circle Compost or Bently Ranch for recycling.	Ongoing	Ongoing
1010	Backyard & On-Site Composting	Composting information is available on the STR website and in print material.	Plastic container reuse program concluded. Approximately 100 containers collected. Link to Master Gardener's website requested again.	Link to Master Gardener's website requested again.
1020	Business Waste Reduction: Mandatory Commercial Recycling (MCR)	<p><u>Multi-Family Unit Complexes:</u> Letter and informational flyer sent out annually and upon change in ownership; blue bags, and laminated cards being provided upon request. SLT City staff follows up with apartment complex managers.</p> <p><u>Commercial Businesses:</u> Recycling occurs through the MRF. Informational flyer provided to new businesses and is available on the STR website. Informational flyer and letter mailed to ARD businesses June 2014. This is now consolidated with El Dorado County business mailing list. SDS: mixed recycling offered to all commercial properties at no charge.</p>	<p><u>Multi-Family Unit Complexes:</u> STR: 7 responses to annual mailer. Cases of blue bags and refrigerator cards provided. SDS: sold to EDD 8-31-15.</p> <p><u>Commercial Businesses:</u> STR: annual mailer sent to all commercial customers and distributed at the Transfer Station during June, 2015. SDS: sold to EDD 8-31-15.</p>	<p><u>Multi-Family Unit Complexes:</u> STR: 7 responses to annual mailer. Cases of blue bags and refrigerator cards provided. SLT Code Enforcement will continue contact with individual properties and compile a list of contacts. <u>Commercial Businesses:</u> STR: annual mailer sent to all commercial customers and distributed at the Transfer Station during June, 2015.</p>
1030	Procurement			
1050	Government Source Reduction			

<b>1060</b>	<b>Material Exch/Thrift Shops</b>	STR: 10 to 12 Thrift Shops in South Lake Tahoe. SDS: 1 thrift shop in service area.	STR: Thrift stores continue to be an active economic engine for the SLT area; Tot To Tot specializes in children's clothes and equipment.	STR: Thrift stores continue to be an active economic engine for the SLT area; Tot To Tot specializes in children's clothes and equipment.
<b>2000</b>	<b>Residential Curbside</b>	STR: Unlimited Blue bag recycling- mixed recyclables all in bags, weekly pickup. One free bulk item curbside pickup in unincorporated El Dorado County SDS: Residential blue bag recycling will transition to cart system by 2016. One bulk item curbside pick up per residential customer per year, plus one annual curbside e-waste pickup and unlimited battery and fluorescent tube curbside residential pickup, effective January 2015.	STR: Customer survey completed 8-31-15, including via website, phone calls and Chamber email blast. Results will be shared with JPA in September. Blue bag recycling and bulk item programs continue in the County. SDS: sold to EDD 8-31-15	STR: Customer survey completed 8-31-15, including via website, phone calls and Chamber email blast. Results include a very high service approval rating, 77% blue bag recycling participation, strong support for targeting properties with human/animal problems, and 50/50 opinion on totes versus blue bags. Blue bag recycling and bulk item programs continue in the County.
<b>2010</b>	<b>Residential Drop-Off</b>	STR: If residents are going to be going out of town they can show their ID and bring a copy of their bill and drop off their residential waste at the MRF for no charge.	Ongoing	Ongoing
<b>2020</b>	<b>Buyback Centers</b>	STR: Open Tuesday through Saturday 9 am to 4 pm at 2192 Ruth Ave. SDS: 7 locations available listed here: ( <a href="http://www.sierradisposal.com/SDSRecyclingCenters.pdf">http://www.sierradisposal.com/SDSRecyclingCenters.pdf</a> )	Ongoing	State audit of recycling regulations limiting out-of-state customers indicates unclear regulations leading to confusion among customers.
<b>2030</b>	<b>Commercial On-Site Pickup</b>	STR: Commercial pick up frequencies are determined by the business' need. Commercial garbage, recycling, and food waste pick up available. Size of bins needed are based on the business' need.	STR: Zephyr Cove Resort added glass recycling to ongoing programs.	STR: Zephyr Cove Resort added glass recycling to ongoing programs; among nominations for 2015 Green Business Award.

2040	<b>Commercial Self-Haul</b>	STR: Commercial customers at the South Tahoe Refuse Transfer Station include contractors, yard and maintenance businesses, landscapers, resort management companies, small businesses, auto, cabinet and similar small shops, federal, state and local agencies, utilities and other miscellaneous businesses.	Ongoing	Ongoing
2050	<b>School Recycling</b>	There is no charge to the schools for recycling. STR: weekly mixed recycling collection route to 12 schools, preschools and the Boys and Girls Club. SDS: weekly mixed recycling collection to 9 schools in the Black Oak Mine and Gold Trail Unified School Districts.	STR: School recycling pickups resumed 8-20-15, including all schools in the service area, K through LTCC. SDS: School recycling will continue without interruption throughout the transition from SDS to EDD.	STR: School recycling pickups includes all schools in the service area, K through LTCC and the Boys and Girls Club.
2060	<b>Government Recycling</b>	STR: In addition to MRF recycling, 45 agency sites participate in the free Office Paper Recycling Collection Route Program.	STR: In addition to MRF recycling, over 45 agency sites participate in the free Office Paper Recycling Collection Program. SDS: sold to EDD 8-31-15.	STR: In addition to MRF recycling, over 75 agency sites participate in the free Office Paper Recycling Collection Program.
2070	<b>Special Collection Seasonal</b>	STR and SDS each hold community clean up events - STR once a year at the SLT MRF. SDS once a year in locations around the service area. These events are open to anyone in the service area.	Ongoing	STR: Ongoing. SDS: final community cleanup event at Georgetown School October 14, 2015, 200 yards of material, including 95 pieces of furniture, 46 appliances, 90 units of e-waste, over 150 tires and various other home and yard items.

<b>2080</b>	<b>Special Events</b>	STR: participates in numerous special events throughout the year and provides free Special Event Recycling containers and other resources to event planners. Information is available on the STR website.	STR: July 5 Beach Cleanup volunteer crew from STR, July 8 hosted CRRC meeting, Sample the Sierra, a zero waste event staffed by STR 9-6-15, FireFest planning meetings held at STR. SDS: staff appreciation lunch on 8-27-15.	STR: Sample the Sierra, a zero waste event staffed by STR 9-6-15; South Lake Tahoe 50th Anniversary Parade; FireFest held October 26, South Lake Tahoe Airport, 15 agencies, 1,000 participants.
<b>2090</b>	<b>Other Business Recycling</b>			
<b>3000</b>	<b>Residential Curbside GW</b>	STR: Unlimited collection of green waste at curbside for all California customers.	Ongoing	Green waste routes discontinued at the end of October. Will resume in the spring.
<b>3010</b>	<b>Residential Self-Haul GW</b>	STR: Residents can bring green waste to the Resource Recovery Facility, however, this is minimal due to unlimited curbside program for all California customers.	Ongoing	Ongoing
<b>3020</b>	<b>Residential Onsite GW Pickup</b>	STR: Green waste drop boxes available at a reduced cost for large residential property projects.	STR: Ongoing SDS: will be folded into EDD programs.	STR: Ongoing SDS: Fire Safe Council programs completed through Aug 31.
<b>3040</b>	<b>Food Waste</b>	Working with local schools to implements food waste recycling programs. There is no charge to the schools for their food waste program. Participating schools have reduced their garbage bills by over 65%.	Food waste recycling resumes at SLT schools; Heavenly Ski Resort and Sprouts restaurant added to route.	Meeting with Full Circle Compost to discuss program expansion and costs in light of state organics recycling regulations. A new rate structure is anticipated based on volumes.
<b>3060</b>	<b>Government Composting</b>			
<b>3070</b>	<b>Other Composting</b>			

<b>4010</b>	<b>Sludge</b>	STR: Sludge from South Tahoe Public Utility District is transported to Bently Ranch for composting.	Ongoing	Ongoing
<b>4020</b>	<b>Tires</b>	Collects tires at the MRF for a fee.	STR: Tires recycled through regular Transfer Station operations. New Tire Amnesty grant will encourage residents to recycle old tires.	STR: Tires recycled through regular Transfer Station operations. Tire Amnesty grant anticipated by 1/1/16.
<b>4030</b>	<b>White Goods</b>	STR: White goods are accepted at the MRF.	Ongoing	Ongoing
<b>4040</b>	<b>Scrap Metals</b>	STR: Scrap metal is accepted at the MRF.	Ongoing	Ongoing - metal recycling increased by approximately 100 tons due to C&D excavator processing.
<b>4050</b>	<b>Mixed Wood</b>	STR: Mixed wood is accepted at the MRF and RRF (if uncontaminated).	Ongoing	Ongoing
<b>4060</b>	<b>Asphalt/Concrete Mixed</b>	STR: Asphalt and mixed concrete is accepted at the MRF.	STR: utilizing both Tahoe Asphalt and Curtis and Sons for asphalt and concrete recycling.	STR: Tahoe Asphalt closed for the season, recycling continues with Curtis and Sons.
<b>4090</b>	<b>Rendering/Grease</b>	STR: Reno Rendering handles most generators in South Lake Tahoe with a weekly route.	Ongoing	Ongoing
<b>5000</b>	<b>Electronic</b>	STR: E-waste is collected Mondays through Saturdays from 8 am to 5 pm.	STR: Customer survey completed 8-31-15, including via website, phone calls and Chamber email blast. Results will be shared with JPA in September. SDS: website will link to EDD during transition.	STR: Customer survey completed 8-31-15, including via website, phone calls and Chamber email blast. Very positive response to customer service, blue bag program, concern for human/animal interaction, split on tote versus blue bags. SDS: website link requested.
<b>5010</b>	<b>Print</b>	STR: a wide range of printed material on various services; blue bag recycling, buy-back recycling, HHW, new customer information, bear awareness, special event recycling, etc. SDS: residential and commercial customer recycling information fliers.	Informational campaign being developed as agencies submit ordinance changes to local jurisdiction boards for approval, FireFest insert coordinated with Tahoe Tribune.	Informational campaign being developed as agencies submit ordinance changes to local jurisdiction boards for approval.

5020	Outreach	STR & SDS: Website, mailers, event booths, e-mails, phone calls, direct site visits.	Sample the Sierra held Labor Day weekend, a zero waste event staffed by STR, school tours will be scheduled, tour with the League to Save Lake Tahoe pending	Sample the Sierra held Labor Day weekend, a zero waste event staffed by STR; City of South Lake Tahoe 50th Anniversary parade, Fire Fest event at SLT Airport. School tours beginning, tour with the League to Save Lake Tahoe staff Nov 3.
5030	Schools (education and curriculum)	STR: Food Waste Recycling at all elementary schools and at high school culinary classes. Recycling video. Provide school tours and assembly presentations upon request. A total of 85 school tours and presentations were provided by STR staff during the 13/14 school year involving over 3400 student, plus teachers and parents. School recycling video by Tahoe Valley 5th grade students is complete and up on the STR site.	School tours will resume at teachers' requests.	School tours will resume at teachers' requests.
6010	Economic Incentives	Blue Bag recycling and green waste recycling programs are free to residential customers. Food waste recycling is free to the schools.	Ongoing	Ongoing
6020	Ordinances		Ordinance review continues with each jurisdiction.	Ordinance review continues with each jurisdiction.
6030	Other Policy Incentive			

<b>7000</b>	<b>MRFs</b>	STR: South Tahoe Refuse Transfer Station/MRF. SDS: Western El Dorado Transfer Station/MRF	Trammel demonstration generates over 400 tons of ADC in 17 running hours.	Trommel purchased in October 2015, Air Quality permit pending.
<b>7010</b>	<b>Landfill Diversion</b>	n/a		
<b>7020</b>	<b>Transfer Station Diversion</b>	STR: included in MRF numbers	Ongoing	Ongoing
<b>7030</b>	<b>Compost Facility</b>	STR uses Full Circle Compost and Bently Ranch	Ongoing	Full Circle Compost accepts food waste recycling, chips, pine needles and other
<b>7040</b>	<b>ADC</b>		STR: 2508.7 tons second quarter 2015.	STR: 4,525.3 tons third quarter 2015.
<b>8020</b>	<b>Transformation</b>	n/a		
<b>9000</b>	<b>HHW Permanent Facility</b>	STR: Tuesday and Saturday 9-12 & 1-4.	Contracted with PaintCare for paint recycling program.	Contracted with PaintCare for paint recycling program.
<b>9010</b>	<b>HHW Mobile/Periodic</b>	NA		
<b>9030</b>	<b>HHW Waste Exchange</b>	NA		
<b>9040</b>	<b>HHW Education Programs</b>	STR: HHW programs is advertised on the website, sent out to new residents, handed out at the Transfer Station and displayed at special events. EMD also lists STR's HHW on their website and informational flyer.	HHW info card provided to all new accounts and distributed at the Transfer Station Scalehouse and HHW facility. Information provided on STR website and linked from EMD.	HHW info card provided to all new accounts and distributed at the Transfer Station Scalehouse and HHW facility. Information provided on STR website and linked from EMD.
<b>9045</b>	<b>Electronic Waste</b>	Collected Monday through Saturday, 8 am to 5 pm.	Ongoing	Ongoing
<b>Additional Info</b>				

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Objective 1 - Develop Authorities for Future Solid Waste Management</b>				
Support	Strategy 1.1 – Create a West Slope Joint Powers Authority (JPA)	2012	4-4 - 4-13	PENDING: Initiated but not completed due to lack of interest by potential member agencies.
Support	Strategy 1.2 - Conduct County Waste Characterization Studies	2012	4-13 - 4-14	<p>A comprehensive countywide waste characterization study was done in 2010 with the development of the EDC SWMP. Data evaluated during that review was from 2007. The plan states that a waste characterization may be done every 5-10 years. Over the last year and a half, Environmental Management has been negotiating New Solid Waste Franchise Agreements throughout the County. During negotiations, staff emphasized programs which support the strategies in the SWMP and worked to enhance programs offered by Solid Waste Haulers to meet the needs of the customers and divert waste from being landfilled. Enhanced/new programs offered by EDD include: backyard composting program support and data collection, expanded free business recycling service through programmatic outreach and waste audits for commercial customers, expanded free multi-family unit (MFU), assistance with the County's litter abatement program, pilot food waste collection, MRF green waste voucher, curbside voucher for household paints and fluorescent tubes/bulbs, residential garbage carts to replace customer provided cans, variable rate -PAYT rate structure, discounted green waste clean-up for larger containers, MRF/Bulky item vouchers to MFUs, enhanced school recycling, enhanced/new government office recycling, 4 community clean up events, one green waste specific community events, spring/fall green waste special curbside pickup program, commercial food/organic waste collection. Additionally, EDD customers in the former SDS and Amador Disposal Service areas will be getting recycling carts instead of having to use the blue bags as well as benefiting from all the other enhanced/new programs. In order to accomplish all the goals listed above and continue to provide service, El Dorado Disposal is designing and building a new transfer station(TS)/MRF with enhanced C&amp;D and Green Waste processing as well as improved customer flow through the facility and have a new public education center and new HHW facility. All these new services/programs are expected to increase convenience of recycling and diversion programs for customers. The new services will take some time to be implemented as will educating the public on the new programs available to them. Staff feels that the optimal time to conduct a waste Characterization Study would be once the services/programs have all been implemented and customers have been educated as well as once the new MRF is complete and in full operation. This would provide us the best evaluation potential for the materials remaining in the waste stream. Then we can then consider remaining options/strategies to further divert materials if the implemented programs have not facilitated the County meeting it's 75% diversion goal.</p> <p>Timeline: EDD started rolling out their programs on 7/1/2015 with the new FY. EDD will also be bringing the same programs to their newly acquired areas (former Amador Disposal and Sierra Disposal areas). To allow time for complete implementation and education, Staff plans to start Waste Characterization Studies in summer 2017. By then the green waste and C&amp;D programs as well as those section of the new MRF should be complete and we can begin with waste characterizations of those programs and the effectiveness of the enhanced sorting technologies at the new MRF. See Attachment A.</p>



## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
Infrastructure WS MRF Rank 2	Strategy 1.3 – Extend Use of and Modify West Slope MRF as Needed	2012	4-14 - 4-16	<p>The new EDD Solid Waste Franchise Agreement includes commitment from EDD to construct a new TS/MRF which will: provide for better throughput for self haul customers, include specialized construction and demolition sorting equipment, contain a new public education area, meet the new storm water regulations, have new HHW area and extended HHW hours (they added Sunday HHW collection already has been implemented). The cost of the new TS/MRF is projected to cost between \$8-\$12 million. At no time will EDD request an increase in waste collection rates or TS/MRF rates to compensate for any costs of the new TS/MRF improvements. See Attachment A. A Site Map has been developed for the new TS/MRF. Is not yet finalized but EDD has expressed to us that the general layout is complete and only small changes may be made. They have evaluated the traffic and have designed the flow such that customers with HHW and/or free recyclable items will be able to enter the facility and exit the facility without going through a gate house. Self haulers will have their own scale separate from the commercial trucks while commercial trucks will be routes around the perimeter of the facility boundaries to their various tipping and loading areas. The construction of the new TS/MRF will be done in two phases. Phase 1) the northern portion of the property will be made to meet the current MRF elevation and the new TS for the tipping and sorting of trash and recyclables will be built along with new HHW and free drop off location. Phase 2) Once the new TS, HHW, and free drop off areas are in operation, work on the southern part of the site will commence. The western half of the old MRF structure will be demolished and a new structure will be built to house the new state of the art C&amp;D processing equipment and green waste grinder. Additionally the salvaged part of that building will be remodeled to house the offices, new education center, maintenance, and storage for bails. Both phases of the construction affect C&amp;D and green waste processing. EDD has a team of people working on solutions on how to manage those materials during this time.</p>
Program Rank 4	Strategy 1.4 – Expand Mandatory Residential Collection Ordinance	2013	4-16 - 4-21	<p>Staff obtained a report from the County Assessor's Office showing the # of developed parcels in then the Cool/Greenwood area (Zips: 95614 &amp; 95635). The report shows that there are 2085 developed, 674 undeveloped, and 198 other parcels within this area. We have contacted EDD and asked them to provide us with details on the number of existing residential service customers. When we have all this data, we will determine the % of developed parcels which already subscribe to waste service and determine whether the are should receive mandatory collection. When the SWMP was written, 93% of the customers in this service area already subscribed to waste service so it is anticipated that they will still exceed the 85% threshold requiring mandatory collection service. Provided this is that case, Staff will present the data to the Board for direct to proceed with implementing mandatory residential waste service for the Cool/Greenwood area of the County and use a three month implementation period as suggested in the SWMP. During this time residents will be notified of the new collection service requirements.</p> <p>The Section E of the new franchise agreements have been written to include the following language: E. FRANCHISE AREA The Franchise Area covered by this Agreement shall be all areas, including, but not limited to, residential, commercial, and industrial areas within the boundaries of the County as they exist on the effective date of this Agreement, as identified in Exhibit A, (Franchise Area), to this Agreement, and as they may hereafter be changed by reason of annexation or de-annexation.</p> <p>Exhibit B, Level of A56 Service in the new EDD Agreement has been revised to read: Customers receives up to three green waste or recycling carts (or a mix of each, three total) with garbage service. Customers may choose a 32, 64, or 96 gallon garbage cart (rates vary based on garbage cart size).</p>

## SWMP Phase 1: Near-Term Strategies

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Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
				El Dorado County SW Ordinance Sec. 8.42.200.- Mandatory collection areas. C. Says - "Other mandatory collection areas may be established by ordinance by the Board of Supervisors as found to be necessary for the public health and welfare or required to implement State laws." Staff will begin revising the SW Ordinance in 2016. We plan on including language to reflect the phasing in of mandatory collection.
-	Strategy 1.6 – Conduct Procurements to Obtain Franchise Service Provider(s)	Some within 2 1/2 years	21-Apr	New STR Franchise Agreement signed 5/2012. American River Disposal Service consolidated into STR December 2014. New EDD Franchise Agreement signed 10/21/2014. Amador Disposal Service consolidated into EDD on 8/18/2015. SDS sold to EDD effective 8/31/15. TTSD and EMD are in negotiation for a second Amendment extending the Franchise Agreement to December 31, 2016. The new Agreement with TTSD is to be presented to the Board on October 27, 2015.
<b>Objective 2 - Create New and Enhance County Solid Waste Management Programs and Services</b>				
<b>Source Reduction</b>				
Program Rank 1	Strategy 2.2 – Use Greater Pay-As-You-Throw (PAYT) Pricing Programs	2013	4-21 - 4-22	All of the areas of the west slope have PAYT pricing structures. Rate Structure reviews are part of each Solid Waste Services Negotiations for franchise areas and are evaluated every 3 years as defined in the Solid Waste Rate Setting Policies and Procedures Manual for Unincorporated Areas. EDD offers monthly rates based on the size garbage cart the customer chooses to use. Smaller garbage carts service is less than larger garbage cart service. Regardless of the cart size customers choose, they get up to three additional cart for their green waste and recycling (any combo, three max). To prevent with storm water run off into Lake Tahoe, to preserve the Lake Tahoe Basin ecosystem, and limit the incidents of bears getting to garbage, The City of South Lake Tahoe and the Unincorporated areas EDC on the east slope have mandatory garbage service. Rates are based on the number of pick up customers have for their 32 gallon garbage carts. Because waste collection is mandatory, there is also a rate for unlimited waste collection. Residential customers use a blue bag program for their recycling collection and also have unlimited green waste collection service. Because diverting waste can be challenging using only blue bags, all (residential and commercial) waste generated is sorted at South Tahoe Refuse.
Program Rank 3	Strategy 2.3 - Expand Use of Purchasing Preference Practices	2015	4-22 - 4-24	EMD has drafted an enhanced Environmental Preferable Purchasing Policy (EP3) and will be meeting with the County CAO's Office to revise County purchasing policy to incorporate EP3. The revised version contains expanded environmental purchasing policies from the 1991 version including, cleaning products, landscaping and pest management, emission levels, just to name a few.

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Recycling Collection and Processing</b>				
Program Rank 8	Strategy 2.4 – Implement Mandatory Commercial Recycling Program	2013	4-24 - 4-25	<p>Franchisees currently are enhancing their programs to capture those businesses and MFUs not included under the new regulations. Each franchise area has only a hand full of commercial and MFUs that struggle to participate in the mandatory commercial recycling program. The franchisees have employees visit these commercial and multifamily complex sites and educate them on the program as needed. There is new regulation which will require commercial businesses and MFU facilities to also recycle organic debris. This program will be phased in over time. Franchisees already are running pilot programs in their areas. Franchisees and EMD are preparing educational outreach materials and working with CalRecycle to implement the program. EDD: Only 51 of 1636 (3%) which are above the AB 341 Threshold are not in compliance. EDD staff send out mailers and conduct site visits to commercial accounts not in compliance. Many of these are Multifamily units with off site management which make compliance extra challenging.</p> <p>STR: All commercial waste goes over the sort line so 100% of their commercial facilities are in compliance.</p> <p>EDD: Only 51 of 1636 (3%) which are above the AB 341 Threshold are not in compliance. EDD staff send out mailers and conduct site visits to commercial accounts not in compliance. Many of these are Multifamily units with off site management which make compliance extra challenging.</p>
Program Rank 2	Strategy 2.5 – Enhance and Enforce the Construction and Demolition Ordinance	2012	4-25 - 4-26	<p>New CalGreen construction and demolition requirements became effective in 2014. The revision of the County's Construction and Demolition Debris Recycling Ordinance has been revised to meet the new CalGreen requirements. County Counsel has reviewed it and will meet with EMD to make final changes before it goes to the Board for final review and approval. In the mean time, EMD has been developing the forms that will be used to implement the program. EMD held two community workshops (one on each slope) to go over the new requirements and introduce draft versions of the forms for comments and suggestions. EMD has partnered with the CDA Building Divisions to streamline how the two division work together implementing and enforcing the revised program.</p> <p>EDD: 2013 = 10%, C&amp;D 2014 = 11% C&amp;D, 2015 so far = 11% C&amp;D</p> <p>STR: 2013 = 40%, C&amp;D 2014 = 41% C&amp;D, 2015 so far = 35% C&amp;D</p>
Program Rank 7	Strategy 2.6 - Expand Use of Curbside Recycling Programs (Targeted to Select Areas)	2015	26-Apr	<p>COMPLETED/IN PROGRESS: New EDD Agreement includes expanded and new green waste collection programs and vouchers for curbside collection bulky items, latex paints, and fluorescent bulb, green waste. Plus their regularly offered by appointment collection of batteries and used oil &amp; used oil filters. With the consolidation of ADS into EDD and the purchase of SDS by EDD, ADS and SDS customers will be gaining the expanded curbside programs listed above offered by EDD. STR has a curbside blue bag recycling program. TTSD has a curbside blue bag recycling program.</p>
Support	Strategy 2.7 - Expand Residential Cart Collection Systems (Targeted to Select Areas)	2014	4-26 - 4-27	<p>New EDD Agreement includes expanded and new green waste collection programs and vouchers for curbside collection bulky items, latex paints, and fluorescent bulb, green waste. Plus their regularly offered by appointment collection of batteries and used oil &amp; used oil filters. With the consolidation of ADS into EDD and the purchase of SDS by EDD, ADS and SDS customers will be gaining the expanded curbside programs listed above offered by EDD. STR has a curbside blue bag recycling program. TTSD has a curbside blue bag recycling program. EDD Area 2 (former Amador Disposal Area) was surveyed a couple years ago regarding whether the residents would like green waste collection or not. The results of that survey showed that the majority residents would prefer to compost or burn their green waste. EMD and EDD will be teaming up early in 2016 to survey the area again to evaluate whether opinions have changed.</p>

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
Program Rank 10	Strategy 2.8 –Enhance Existing School, Park, and Community Facility Recycling Programs (and implement where necessary)	2013	4-27 - 4-28	EDD and STR offer free recycling to schools. They each also provide free tours at their MRFs and on site school educational visits (assemblies, special events, etc.). South Lake Tahoe Unified School District (SLTUSD) also participates in STR's pilot food waste collection program. STR offers this program for free to participating schools. The pilot food waste collection program has reduced SLTUSD's garbage bill by 65%. Both EDD and STR provide free training on site for schools and are available to visit school site and educate teachers and students. EMD received a grant from CalRecycle (City/County Grant FY13/14) which provided for the purchase of 19 bear safe trash/recycling combo bins. They have been placed at various County parks. This grant also allow for the purchase of 5 trash/recycling bins to be placed outside County buildings. The City of Placerville also received some funding from this grant. This money with help with the purchase of recycling bins for Main Street. Staff regular look for grants that can be utilized by schools, parks, and community facilities to enhance and expand recycling programs.
Support	Strategy 2.9 - Expand Diversion Programs at Public Facilities	Expansion of County programs should be implemented as a precursor to mandatory commercial recycling	Page 4-28 4-29	El Dorado County, the City of Placerville and the City of South Lake Tahoe Offices subscribe to recycling service from their respective waste hauler. Employees in Building C have recycling and waste containers in their work spaces and Departments have centralized mixed paper recycling bins what are collected by MORE to be shredded. EDC also contracts with a shredding company for the shredding and recycling of confidential paperwork. Battery collection boxes are available to be sent off for recycling. Although government buildings do have some recycling opportunities available, EMD recognizes there is much more that can be done. To educate and enhance government recycling, EMD will be teaming up with EDD on the west slope and STR on the east slope. EMD also plans to create educational materials that will be posted by waste and recycling receptacles to help guide and train people on what materials can be recycled. EMD will also be updating our Recycling webpage and will incorporate resources for residents and businesses. EMD received a grant from CalRecycle (City/County Grant FY13/14) which provided for the purchase 5 trash/recycling bins to be placed outside County buildings. The City of Placerville also received some money from this grant. This money with help with the purchase of recycling bins for Main Street. Staff regular look for grants that can be utilized by schools, parks, and community facilities to enhance and expand recycling programs. EMD applied for a National competitive grant that would provide recycling bins for our CSDs. That grant was not awarded. EMD continues to watch for and apply for grants which can expand diversion at public facilities.
Program Rank 11	Strategy 2.10 - Expand Multi-Family Recycling Program	2015	Page 4-29 4-30	Franchisees continually work with MFUs to educate property management about recycling programs and opportunities as well as address common barriers to recycling and waste collection at MFUs. South Tahoe refuse sorts all the waste that comes from MFUs and sends educational materials to property management annually. They also are available to do site visits and audits when requested. EDD provides recycling and garbage dumpsters to MFUs. The have a Sustainability Coordinator who visits MFUs to provide on site education and help resolve problems. As of August, there were 579 commercial and MFU facilities that needed to comply AB 341 (Mandatory Commercial Recycling) of those, 51 (9%) were not in compliance and their Sustainability Coordinator was working to bring them into compliance. Also to note, there are 1636 commercial and MFUs total in EDD service area, of those 1112 (68%) subscribe to recycling service. There is new regulation which will require commercial businesses and MFUs to also recycle organic debris (MFU will be exempt from food waste and food soiled paper). This program will be phased in over time starting April 2016 with very large organic waste producers. Franchisees already are running pilot programs in their areas. Franchisees and EMD are preparing educational outreach materials and working with CalRecycle to implement the program.

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Organics and Composting Practices</b>				
Program Rank 6	Strategy 2.13 – Enhance Home Composting Programs	2014	4-30 - 4-31	IN PROCESS: EMD plans to develop a home composting program. Staff will be collaborating with the franchisees and the UCCE Master Gardener Program. EDD recently completed survey of their residential customers regarding composting including how many currently compost, perceived and actual challenges, what's preventing people from composting if they currently are not, etc. EDD has a home composting and vermiculture demonstration project at its Truck Street facility. STR has unlimited curbside green waste collection. The collect green waste is sent to Full Circle Composting and composted.
<b>Public Education</b>				
Support	Strategy 2.17 - Advance Outreach and Education Programs	Ongoing	4-31 - 4-32	STR created a recycling promotional video in partnership the SLTUSD. The students were the stars. View the video is available to view of the Recycling page of STR's website: <a href="http://www.southtahoerefuse.com/Recycling.html">http://www.southtahoerefuse.com/Recycling.html</a> The planned new EDD MRF will have a educational center where the public can come in and learn about environmentally friendly waste management practices. Pending on grant funding availability, EMD hosts used filter exchange events throughout the County, participates in home shows, and prepares outreach educational materials. Also, EMD and members of EDSWAC developed a El Dorado Recycles logo which is intended to be used to promote a countywide recycling education and out reach. Some ideas include new recycling guides to be placed directly on recycling bins for people to reference what can go in them and what cannot, community banners promoting recycling, window clings for businesses that recycles and or recycle their food waste, etc. These programs are dependent upon funding and grants. EMD looks for grants which fund these sort of campaigns.
<b>Objective 3 - Create Solid Waste Management Facility Infrastructure</b>				
-	Strategy 3.1 - Evaluate, Finalize, Plan, and Initiate Facility Infrastructure Strategies	Upon creation of WSJPA	Apr-32	WSJPA has not yet been created. See Strategy 1.1
Infrastructure New WS Rank 3	Strategy 3.5 - Develop Small Volume Rural Transfer Facilities and Strategically Placed Debris Boxes on the Waste Slope	See table on page 4-33 Tentative operational date 2016	4-32 - 4-33	On the west slope there are recycle centers in Placerville, EDH, and CP, and there are green waste collections dumpsters in EDH and CP. There are also serval Certified Used Oil and Oil Filter Collection Centers (CCC) throughout the County. Once the new program and cart roll outs are complete and residents are used their new programs already being implemented, EMD will be able to work with franchisees to evaluate locations for debris boxes and possible small volume rural transfer stations. We will be looking for locations that will be convenient for residents, safe from traffic, and accessible for franchisee trucks to load and drop dumpsters, and which will not pose an environmental concern.

## SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
Infrastructure New WS Rank 1	Strategy 3.9 - Develop West Slope C&D Processing Facility	2016	4-33 - 4-35	The new EDD Agreement includes the construction of a new C&D debris sorting line and grinder to grind up untreated wood debris. Completion target is end of 2017. STR has tested running their C&D debris through a trammel before it goes through sort lines to see how impactful the additional process is. They recovered 409 tons of ADC materials in the 17 hours the trammel was running. The C&D materials were also loosened which made sorting the material after it had gone through the trammel much easier and effective. STR has decided to purchase the trammel. The Air permit the equipment needs will be good through 2019 at which time STR will evaluate the success of having the trammel and decide whether to buy a new one, retrofit the current one with an engine which would pass air quality regulations, or discontinue use of the trammel.
<b>Objective 4 - Provide Alternative Source of Funding for New Facilities, Programs, and Services</b>				
-	Strategy 4.1 - Revise Rate System to Fund New Facilities and Programs	Phase 1	Apr-35	A new Solid Waste Rates Setting Policies and Procedures for Unincorporated Areas is included as an exhibit to the new franchise agreements. Extensive rates evaluations are conducted every 3 years.

# SWMP Phase 1: Near-Term Strategies

Defined as 2011-2016

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Objective 5 - Determine and Implement Appropriate Performance Tracking</b>				
-	Strategy 5.1 – Identify Appropriate Performance Metrics For Each Selected Strategy	2012	4-35 - 4-39	Performance Standards for franchisees are included in the new franchise agreements.

## SWMP Phase 2: Intermediate-Term Strategies

Defined as 2017-2025

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Objective 2 - Create New and Enhanced County Solid Waste Management Programs and Services</b>				
<b>Source Reduction</b>				
Program Rank 9	Strategy 2.1 - Implement New Waste Reduction Actions	Begin Implementing a business waste audit program in 2017	5-2 - 5.3	The new EDD agreement includes waste audits for commercial and multifamily complexes. EDD hired a new Sustainability Coordinator to work with schools, commercial, and MFU accounts. EDD as part of the new EDD franchise agreement performance standard reports, EDD reports to staff on the number of commercial accounts they touch each month and what information was provided. STR performs waste audits for commercial and multifamily complexes when requested. All the waste generated from these facilities is sorted at their MRF so all commercial accounts are in compliance.
<b>Recycling Collection and Processing</b>				
Support	Strategy 2.11 - Expand the Types of Recyclables Collected Curbside	Depends on availability of new recycling markets	5-3 - 5-5	EDD's new franchise agreement includes new curbside collection of household paint and bulbs with a voucher, as well as two new curbside unlimited green waste collection events per year (spring and fall). With the consolidation of ADS into EDD and the purchase of SDS by EDD, former ADS and SDS customers will be receiving MSW carts in place of their customer provided MSW cans. These areas were surveyed regarding green waste collection and it is still more favorable by these communities to burn or compost their green waste instead of having a green waste cart. This may be changing depending on possible ordinance changes to green waste management with regard to how different management methods (burning) affect air quality. These areas will also be getting recycling carts provided by EDD and will no longer have to use Blue Bags (group areas will still be using blue bags or 32 gallon cans). STR uses an Blue Bag recycling program. Bags are provided to residential customers for free and they are not limited to a number of bags they can place out on their regular waste collection day.
<b>Organics and Composting Practices</b>				
Program Rank 12	Strategy 2.12 - Develop Commercial Food Waste Collection Program	Be explored in the SLT area in 2011, and implemented in other portions of the county during phase 2.	5-4 - 5-5	<p><b>Anaerobic Digestion and Composting of Food Waste Materials:</b> Food waste diversion poses a unique challenge as it is often too contaminated with non-compostable materials (dairy, meats, etc.) and packaging to be eligible for traditional composting. Recently a company called CleanWorld, located in Sacramento, became an option to food waste being generated on the west slope of the County. CleanWorld can accept and process all types of food waste and can accept it in the packaging. The materials go through a process to separate the food from the packaging. The packaging is then recycled, and the food waste goes through an anaerobic digestion process. Products include natural gas which is used to fuel fleets of compatible vehicles in the area (Sacramento County, Sacramento State University, etc.). The effluent generated by the facility is used for agricultural land application.</p> <p>EDD has initiated a pilot food waste program on the west slope of the County. Food waste that is generated by commercial facilities participating in the pilot program (in preparation for implementation of AB 1826) is being taken to CleanWorld.</p> <p>STR also has a pilot food waste program. Currently all the schools in the South Lake Tahoe School District as well as several restaurants are participating in the pilot program. The collected food waste is transported to Full Circle Compost in Gardnerville, Nevada for composting.</p>



## SWMP Phase 2: Intermediate-Term Strategies

Defined as 2017-2025

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
				<p>TTSD is conducting a pilot food waste program with several of the restaurants in Tahoe City. TTSD has educated the restaurant staff and has distributed food waste collection carts. Each of the franchisees and EMD are developing educational materials for the 2016 implementation of AB 1826.</p> <p>With AB 1826 implementation on the horizon, and complications traditional food waste composting poses, both EDD and STR have strict contamination limitations for those participating in their the pilot food waste programs.</p>
Support	Strategy 2.15 - Develop Community Composting Programs	Implement once the home composting "market" becomes saturated.	5-5 - 5-6	Once the home composting program is implemented and staff has had the opportunity to learn works best for residents and what doesn't, we will begin to consider community composting programs.
Program Rank 5	Strategy 2.16 - Develop Residential Food Waste Collection Program	Early years of phase 2.	5-6 - 5-7	EDD, STR, and TTSD each have a pilot food waste program, but not at the residential level yet. Once the commercial food waste program is implemented, work ca begin on developing a pilot residential food waste program. Challenges include contamination, pest management, space...
<b>Evolve Collection Trucks and Equipment to Improve Carbon Emissions</b>				
-	Strategy 2.18 - Reduce Emissions from Collection Fleets	Between 2011-2023	5-7 - 5-8	Franchisees are required to be in compliance with CARB vehicle emission requirements. Pending infrastructure improvements occurring in the county such as the anaerobic digestion system which produces CNG, and grant funding, fleet vehicles which run on CNG may be able to be purchased. A good example of this is Sacramento County's Partnership with CleanWorld. As fleet vehicles age out, fleets will consider types of low emission vehicles (subject to availability and cost effectiveness of alternative fuels).

## SWMP Phase 2: Intermediate-Term Strategies

Defined as 2017-2025

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Objective 3 - Create Solid Waste Management Facility Infrastructure</b>				
Infrastructure New WS Rank 2	Strategy 3.4 - Develop El Dorado County Composting Facility	See table 5-2 on pg 5-9. Operational within 5 years (2017)	5-8 - 5-9	The new EDD Agreement says that EMD will continue looking for locations for a green waste processing and composting. Staff are considering several options including possible composting at UM, and composting businesses coming to the County under the Recycling Market Development Zone (RMDZ, a CalRecycle program) Program. The Environmental Management Division of the Community Development Agency has initiated conversations with the County's Economic Development Division of the Chief Administrative Office, the City of Placerville, and the City of South Lake Tahoe regarding the potential of establishing El Dorado County as an RMDZ. All agencies have expressed interest in the County applying to become an RMDZ. Environmental Management and Economic Development will be seeking approval from the Board of Supervisors in the near future to submit an RMDZ application to CalRecycle.
Infrastructure WS MRF/TS Rank 1 2	Strategy 3.10 - Develop Modern and Economical MRF/Transfer Station on the West Slope	See table 5-2 on pg 5-9. Operational within 5 years (2017)	5-9 - 5-10	EDD is in the planning and permitting phase of constructing a new modern MRF. The new EDD franchise agreement states the EDD will build a new MRF within 5 years. The new EDD Agreement includes the following MRF elements: "state of the art C&D sorting line (sort line, conveyor, screen, magnet, excavator, low speed grinder/shredder), buy back facility, new MRF/Transfer Station, improved throughput of self-haul inside facility, new HHW facility and extended HHW collection hours, ability to grind wood on site, public education center, storm water regulation compliance. The existing HHW facility has already expanded their hours to include 9-4 (minus lunch hour) on Sundays.
<b>Objective 4 - Provide Alternative Sourced of Funding for New Facilities, Programs, and Services</b>				
-	Strategy 4.5 - Create New Finding Sources and Rate Mitigation Strategies	Continual	5-10	The new EDD agreement reduced rates for many customers. EMD is always seeking grants to fund and support facility advancements, diversion programs, resources, etc.
<b>Objective 5 - Provide Alternative Source of Funding for New Facilities, Programs, and Services</b>				
-	Strategy 5.2 - Summarize, Report, and Evaluate Metric Data	Report metric data as it is collected in phase 2 and 3. Bi-annual report	5-11	EMD keeps a summary of the status/progress on each of the strategies (this document). EMD keeps tonnage logs for amount of material going through the MRFs and diversion rates. EMD reports to CalRecycle annually on their diversion programs. As new programs are implemented and data for those programs is generated, staff will track and evaluate progress.

### SWMP Phase 3: Long-Term Strategies

Evolution of Solid Waste Management Infrastructure and Programs Over the Next 15 Years (2011-2026)

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Objective 1 - Develop Authorities for Future Solid Waste Management</b>				
Support	Strategy 1.5 - Create a Regional Powers Authority	2026	6-3	PENDING
<b>Objective 2 - Create New and Enhanced County Solid Waste Management Programs and Services</b>				
<b>Organics and Composting Practices</b>				
Support	Strategy 2.14 - Prepare for Possible Elimination of Residential Yard Waste Burning on West Slope	Prepare for possible state ban	6-3 - 6-8	<p>Fire Safe Council offers free wood chipping via a grant. <a href="http://www.edcfiresafe.org/">http://www.edcfiresafe.org/</a></p> <p>The new EDD Agreement states that customers may use their bulky item voucher for the curbside pick up of up to 2.5 yards<sup>3</sup> of green waste in lieu of the bulky waste item. Customers also gets one voucher for free MRF drop off of 2.5 yards<sup>3</sup> of green wastes per year. In addition to the vouchers, EDD now provides 2 (fall and spring) unlimited green waste curbside pick ups and 2 (spring and fall) unlimited green waste drop off event. This is a total of 6 opportunities for green waste disposal throughout the year. STR offers unlimited curbside green waste pick up. TTSD provides residential customers with green waste vouchers for delivery to their MRF.</p>
<b>Evolve Collection Trucks and Equipment to Improve Carbon Emissions</b>				
-	Strategy 2.19 - Use Advanced Technologies for Collection Trucks and Vehicles	Phased in with truck and vehicle replacement schedules	6-8 - 6-9	Staff is looking into possible future advanced technologies: anaerobic digestion system could allow for fleets to run on CNG. We are also looking for grant funding which would help purchase fleet vehicles and infrastructure. A good example of this is Sacramento County's Partnership with CleanWorld.

### SWMP Phase 3: Long-Term Strategies

Evolution of Solid Waste Management Infrastructure and Programs Over the Next 15 Years (2011-2026)

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
<b>Objective 3 - Create Solid Waste Management Facility Infrastructure</b>				
Infrastructure WS MRF/TS Rank 3	Strategy 3.2 - Develop a West Slope EcoPark	Approx. 5 years from the time EDC beginning of the EIR	6-9 - 6-14	Will evaluate remaining needs following the completion of the new WS MRF/TS .
Infrastructure UM LF Rank 1	Strategy 3.3 - Re-Open Union Mine Landfill	In phase 3	6-14 - 6-16	Future consideration
-	Strategy 3.6 - Plan for Conversion Technologies, if Economically and Operationally Feasible	Potential use during the 2026, and beyond timeframe	6-16 - 6-18	STR sends their organic material to Full Circle Compost to be composted. EDD sends their organic material to CleanWorld for processing. CleanWorld accepts organic waste (including packaging, excluding glass and branches) and converts it to compressed natural gas. STR sent a test load to the Rancho CleanWorld facility but it did not prove to be economical to transport the materials.
-	Strategy 3.7 - Enhance County Composting Facility to Manage Diverted Food Waste and Other Organics	In phase 3	6-19	Future consideration: This would be an add on to strategy 3.4 once a county facility is built.

### SWMP Phase 3: Long-Term Strategies

#### Evolution of Solid Waste Management Infrastructure and Programs Over the Next 15 Years (2011-2026)

Action Plan	Objectives and Strategies	Year Due	Page # Vol. 2	Status as of 10-23-2015
Infrastructure SLT MRF/TS Rank 1	Strategy 3.8 - Renovate South lake Tahoe Materials Recovery Facility and Transfer Station to Accept Single Stream Recyclables	Evaluation of the collection infrastructure in phase 3 and determine if shifting methods would be more effective and/or economical	6-18 - 6-20	Pending: STR customers currently use blue bags for recycling. Commercial accounts can get a bin for source separated recyclables at a reduced rate.
<b>Objective 4 - Provide Alternative Sources of Funding for New Facilities, Programs, and Services</b>				
-	Strategy 4.2 - Develop South Lake Tahoe MRF/Transfer Station, West Slope EcoPark, and Union Mine Landfill Fees	When STR is upgraded to handle single stream	6-20- 6-21	Pending
-	Strategy 4.3 - Add Administrative Fee to Future Union Mine Landfill Tipping Fee	When / if the UM LF is reopened	6-21	Pending
-	Strategy 4.4 - Increase Union Mine Landfill Methane Gas Production	When / if the UM LF is reopened	6-21 - 6-22	Pending



## EL DORADO SOLID WASTE ADVISORY COMMITTEE



September 14, 2015

Greg Stanton, REHS  
Director  
Environmental Management Division  
Community Development Agency  
El Dorado County  
2850 Fairlane Court, Building "C"  
Placerville, CA 95667

Dear Director Stanton:

The El Dorado County Solid Waste Advisory Committee (EDSWAC) was established in 1990 pursuant to AB 939, the California Integrated Waste Management Act. Responsibilities of EDSWAC include: identify solid, liquid, and hazardous waste issues of a countywide or regional concern; assist with the coordination and continued development of source reduction and recycling programs; determine the need for solid waste collection systems, processing facilities, and marketing strategies that can serve more than one local jurisdiction within this region; and prepare, maintain, and update the El Dorado County Integrated Waste Management Plan (CIWMP).

EDSWAC was instrumental in having the El Dorado County Siting Element, Source Reduction and Recycling Element, Household Hazardous Waste Element, Non-Disposal Facility Element, and Summary Plan approved by the California Integrated Waste Management Board. The Summary Plan incorporated the other Elements by reference. The California Department of Resources Recycling and Recovery (CalRecycle) requires jurisdictions to review their Summary Plan every 5 years. El Dorado County's Five-Year CIWMP review is due November 15, 2015.

On July 13, 2015, El Dorado County Community Development Agency Environmental Management Division Staff provided EDSWAC with the Five-Year CIWMP Report and supporting documentation. EDSWAC was asked to review the report and supporting documentation and send questions and comments back to staff.

On behalf of EDSWAC, I would like to notify you that we have completed the review of the Five-Year CIWMP Report.

We have reviewed the following planning documents for the City of Placerville, City of South Lake Tahoe, and the Unincorporated El Dorado County:

Countywide Integrated Waste Management Summary Plan which includes the following by reference:

1. Household Hazardous Waste Element
2. Non-disposal Facility Element



3. Siting Element
4. Source Reduction and Recycling Element

EDSWAC also reviewed the 2009 through 2013 Annual Report Summaries for Unincorporated El Dorado County.

Upon review of the aforementioned documents and reports, EDSWAC finds that all jurisdictions are meeting or exceeding their per capita disposal rate and are working in good faith to implement programs identified in the Summary Plan and subsequent annual updates. The County of El Dorado has met all regulatory requirements provided in the Five-Year CWIMP Report prepared by County staff. Therefore, EDSWAC concludes that the current CIWMP is adequate for meeting the State of California's mandated 50% diversion requirement under AB939 and does not require revision.

As you are aware, in January 2012 the County Board of Supervisors adopted a "Solid Waste Management Plan" (SWMP). The SWMP provides the County with a strategic roadmap through the year 2040 to use in planning for: coordinated, countywide, and jurisdiction cooperation; initiating new or enhancing existing solid waste programs and services; developing new and enhanced solid waste facility infrastructure; and maintaining solid waste flow control. The SWMP was designed to assist the County in reaching its 75% landfill diversion goal by 2020 in the most cost-effective manner. With all due respect and consideration of the State's CIWMP requirement, EDSWAC believes that the County's SWMP will help move the County forward more effectively to meet both the County and State's 75% diversion goal than the five-year CIWMP review process and annual updates.

The State's current regulatory model includes the annual update of twenty year old solid waste planning documents through the annual report process, as well as the five-year CIWMP review process. It is the opinion of EDSWAC that this approach is cumbersome, inefficient, and not very effective. EDSWAC respectfully recommends that CalRecycle update applicable sections of the Public Resource Code and California Code of Regulations to require jurisdictions to develop current, comprehensive and integrated solid waste planning documents in order to more effectively move all of California toward achieving the goal of 75% landfill diversion by 2020.

Furthermore, since CalRecycle has changed the methodology for measuring diversion from percent to pounds per person per day (PPD), jurisdictions are no longer able to determine progress toward meeting the State's 75% diversion goal. EDSWAC respectfully recommends that CalRecycle provide a PPD target disposal number equivalent to 75% diversion for each respective jurisdiction.

Sincerely,  


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