

**EDSWAC Meeting
January 9, 2017
El Dorado County Staff Update**

1. Grants

- a. Waste Tire Amnesty Grant: Events take place on the third Saturday of each month until the grant term ends (4/15/2017) or funds are exhausted (whichever occurs first). Collection of residential waste tires 24" inside tire diameter or smaller (off the rim).
 - I. EDD to date has collected 8,491 waste tires
 - II. STR to date has collected 592 waste tires
 - III. The next Waste Tire Amnesty Grant Cycle Application will be available soon. We plan to apply.

- b. Waste Tire Enforcement Grants (TEA): Inspection program to ensure facilities that have waste tires are in compliance with waste tire storage and hauling regulations.
 - II. TEA 23: Work Plan is complete. Progress report due in February.
 - III. TEA 24: Application submitted

- c. City County Payment Program: Enhance bottle/can recycling and litter abatement programs.
 - I. Trash/recycling bins for Main Street Placerville have been delivered to the City of Placerville.
 - II. Will be purchasing bear safe trash/recycling bins to be place in high priority locations in SLT. We've been working with Clean Tahoe to identify priority locations.
 - III. Will be purchasing a new Litter Abatement Program truck to replace one of our trucks that has many miles and is having mechanical issues.

2. Construction and Demolition

- a. Auditing Update:
 - I. EMD created master tracking list – a way of analyzing and evaluating all C&D permits statuses and data
 - II. Conducting audits on a quarterly/monthly basis
 - III. Audit procedures for each Option (1, 2, 3, 4)
 - Option 1 audits evaluate if the permittee correctly used the assigned franchise waste hauler
 - Option 2 audits evaluate the amount of waste the permittee created compared to the set limits
 - Option 3 audits evaluate the Waste Management Plans (WMPs) throughout the project
 - Option 4 is not currently being audited, but plans exist to audit them if needed

3. Franchise Management

- a. Planned Spring/ Summer 2017 Community Clean Up / Green Waste (GW) Events (**Dates and Locations subject to change**):

Cameron Park:

- Community Clean Up - April 22 & September 16
- Curbside Green Waste – April 24-28 & April 15-19 (different areas)

Placerville:

- Community Clean Up – June 17

El Dorado Hills:

- Community Clean Up - April 29 & September 30
- Curbside Green Waste – April 24-28 & May 15-19 (different areas)

El Dorado County Area A:

- Camino Community Clean Up – May 6
- Logtown Community Clean Up – April 8
- Pollock Pines Community Clean Up – May 20
- Curbside Green Waste – April 17-21 & May 1-5 (different areas)

El Dorado County Area B (South County):

- Grizzly Flats Community Clean Up – September 23
- Curbside Green Waste – June 19-23

El Dorado County Area C (North County):

- Community Clean Up – June 10
- Curbside Green Waste – June 26-30

South Lake Tahoe:

- Community Clean Up – June

b. EDD is testing new C&D processing equipment:

- Grinder/shredder: Shreds all types of materials. Consolidates bulky materials which results in more efficiently packed trucks and reduced transportation.
- Shaker: separated 2D materials and fines from 3D/bulky items

4. Solid Waste Management Plan Update

a. Environmentally Preferable Purchasing Policy Update:

I. Working with CAO's Office to identify credible environmentally preferable certifications that vendors and staff will know and be able to reference when preparing/reviewing quotes/bids. Next step: Meeting with CAO's Office.

b. Waste Characterization:

I. In progress. Using data provided to CalRecycle by El Dorado Disposal in 2014 for the Statewide Waste Characterization Study conducted by Cascadia Consulting Group.
II. EMD has requested to be informed when hauler perform waste audit so they can be present.

c. Recycling Market Development Zone (RMDZ): RMDZ program combines recycling with economic development to fuel new businesses, expand existing ones, create jobs, and divert waste from landfills.

I. Nothing new to report. Continuing to work on application.

d. Office Recycling:

I. The county's white paper recycling contract with Motherlode Rehabilitation (MORE) has ended. Recycling carts are now in El Dorado County west slope main campus office buildings. The recycling carts collect mixed office recyclables (including white paper). This is a pilot program. Once any issues with the pilot program have been identified and resolved, recycling carts will be distributed throughout remaining west slope county offices. South Tahoe Refuse provides office recycling service to east slope county offices.

5. Meeting AB 939 / AB 341 Goals / SB1016 Graph

- a. EDD and STR Tonnage/Disposal Data: Will be provided at the EDSWAC meeting.
- b. PARIS reporting will be provided at the EDSWAC meeting.

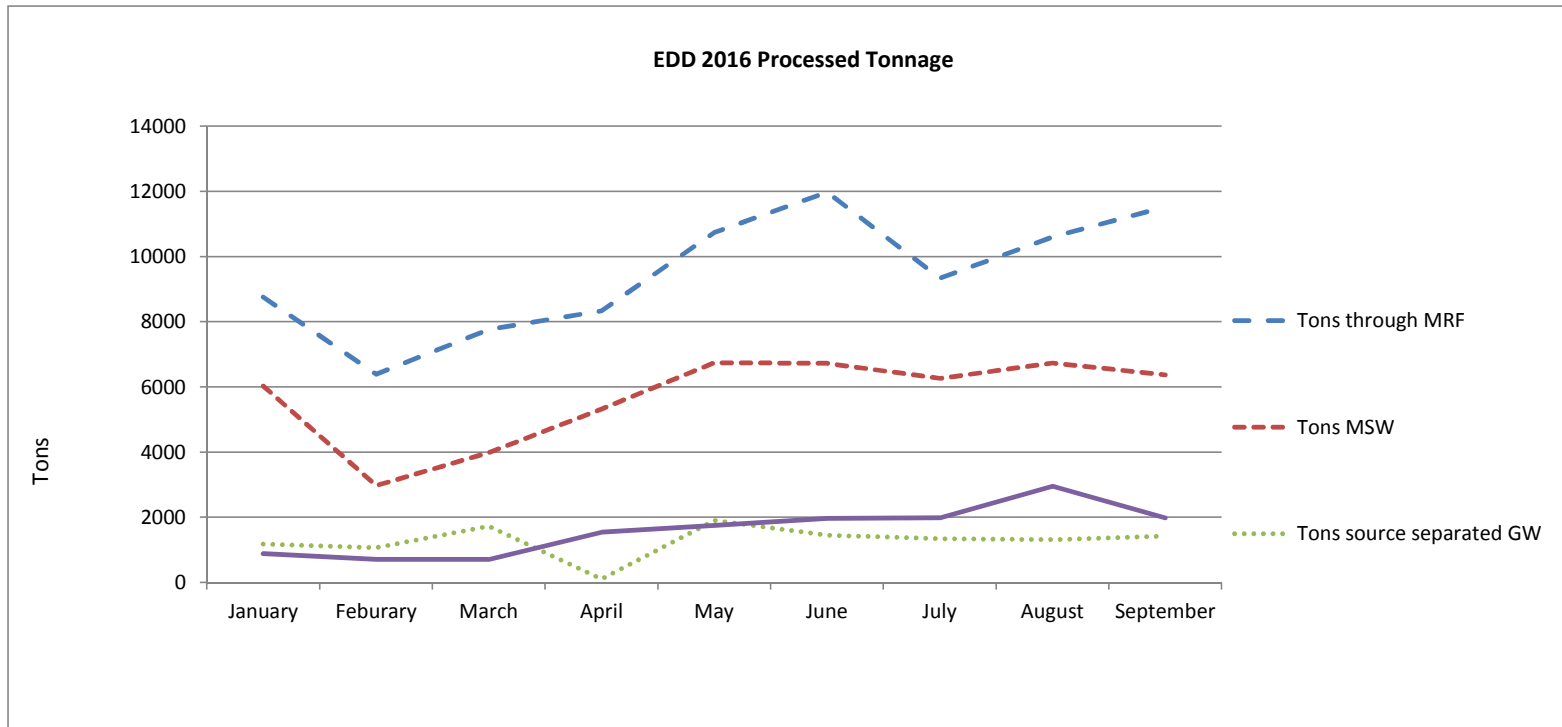
6. Legislative / Regulatory Update?

- a. Nothing new to report

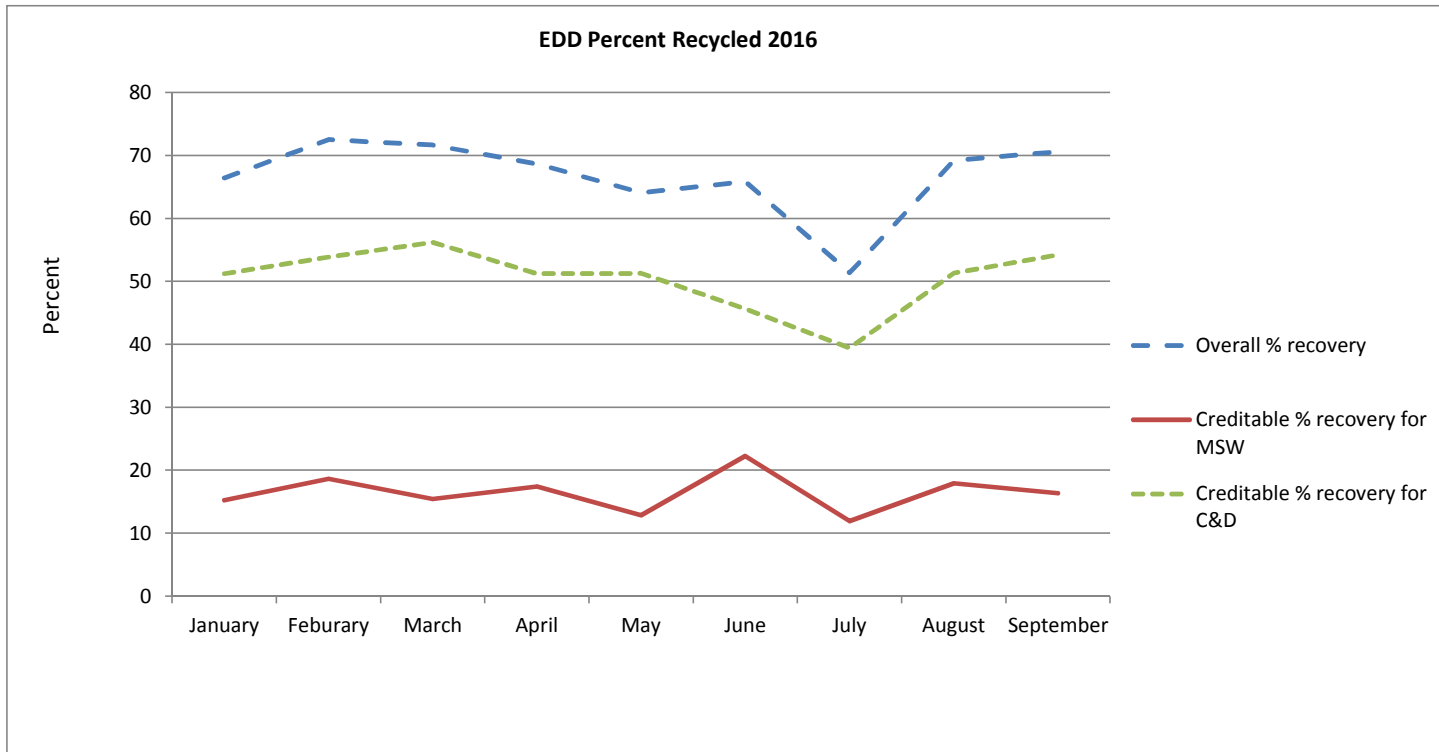
El Dorado Disposal Tonnage Report Trends for 2016 Quarters 1, 2, & 3

EDSWAC Meeting 1/9/2017

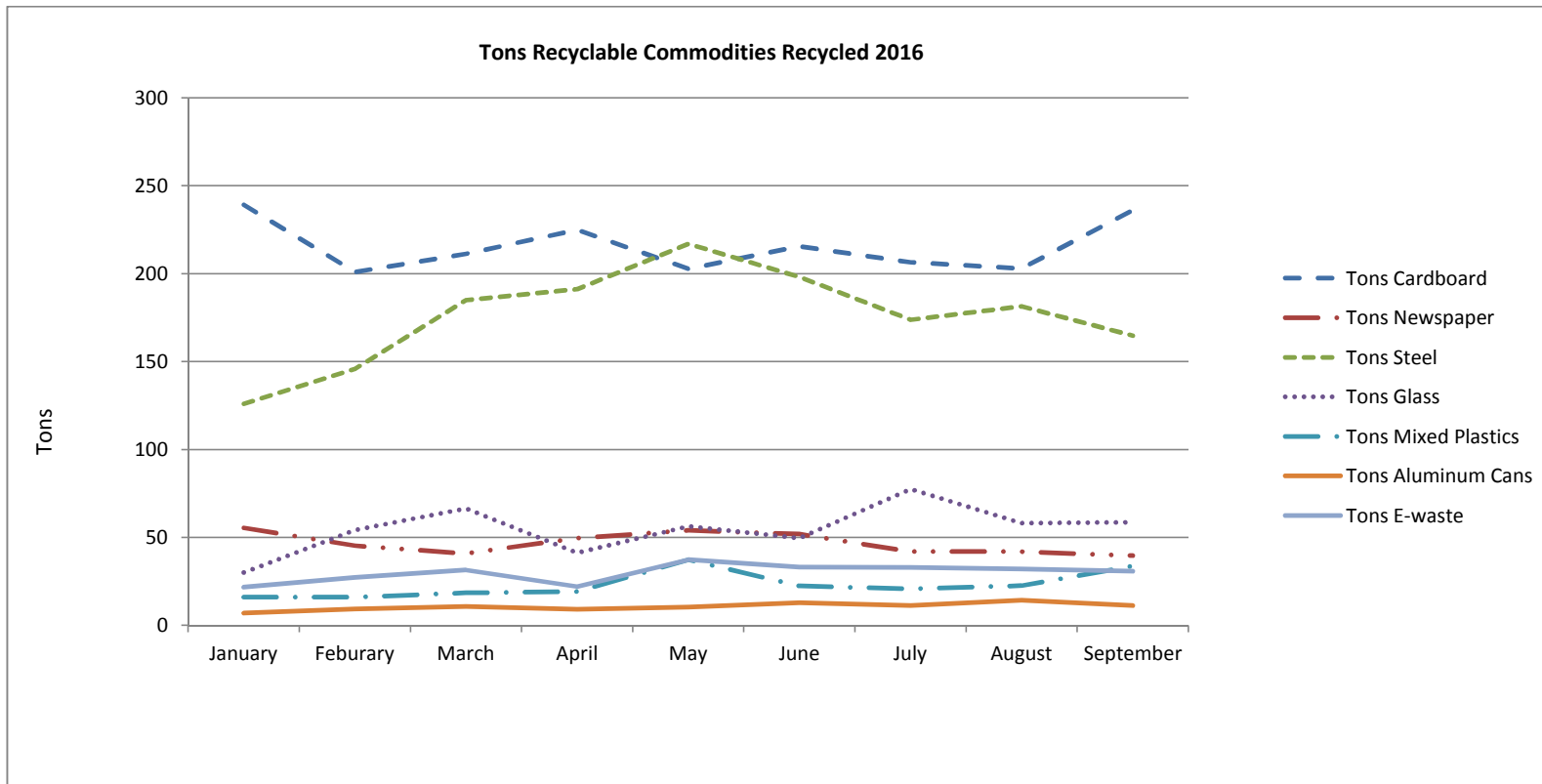
	Processed Tonnages 2016												
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Tons through MRF	8763	6390	7766	8337	10741	11981	9336	10611	11532				85,456
Tons MSW	6033	2975	3989	5327	6750	6727	6267	6734	6376				51,177
Tons source separated													
GW	1183	1072	1734	111	1908	1450	1351	1321	1422				11,552
Tons C&D	889	709	709	1539	1749	1962	1984	2961	1989				14,489



EDD Recovery Level 2016													
	January	Feburary	March	April	May	June	July	August	September	October	November	December	Average %
Overall % recovery	66	73	72	69	64	66	51	69	71				67
Creditable % recovery for MSW	15	19	15	17	13	22	12	18	16				16
Creditable % recovery for C&D	51	54	56	51	51	46	39	51	54				51



Recyclable Commodities 2016													
	January	February	March	April	May	June	July	August	September	October	November	December	Total
Tons Cardboard	239	201	211	225	203	216	207	203	236				1941
Tons Newspaper	55	45	41	50	54	52	42	42	40				421
Tons Steel	126	146	185	191	217	198	174	182	165				1583
Tons Glass	30	54	67	41	56	50	78	58	59				493
Tons Mixed Plastics	16	16	18	19	37	22	21	23	34				207
Tons Aluminum Cans	7	9	11	9	10	13	11	14	11				96
Tons E-waste	22	27	32	22	37	33	33	32	31				269



**South Tahoe Refuse and Recycling,
Includes American River service area**

1/9/2017 EDSWAC Meeting

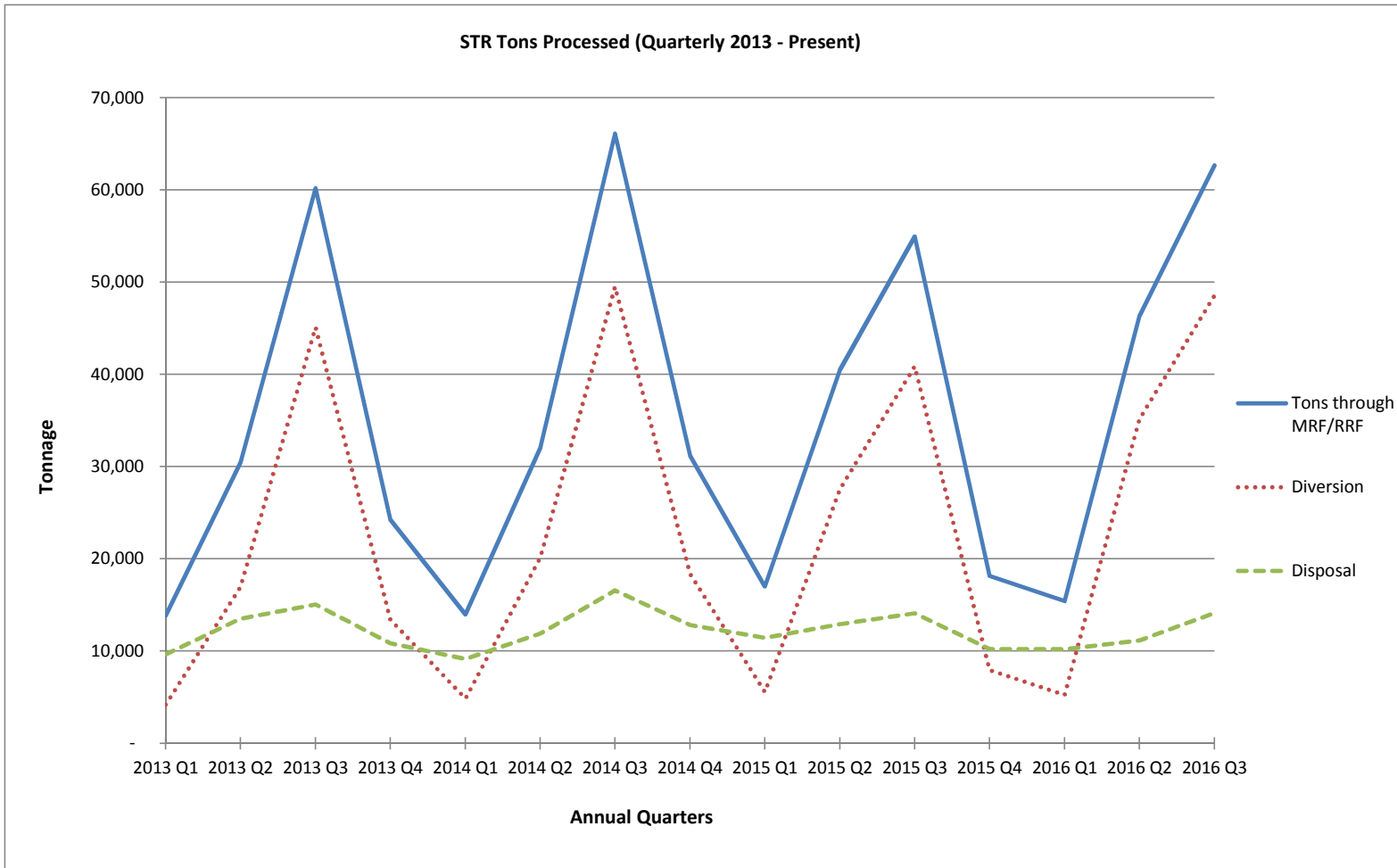
PARIS Code	Description	7/11/2016	11/14/2016	1/9/2017
1000	Grasscycling	Ongoing	Ongoing	Ongoing
1010	Backyard & On-Site Composting	Lake Tahoe Master Gardner's Reuse Container Program ended July 5, 2016. Over 200 containers collected for reuse.	Lake Tahoe Master Gardner's webpage link added to STR homepage	Not active in winter
1020	Business Waste Reduction: Mandatory Commercial Recycling (MCR)	Multi-Family Unit Complexes: Annual mailer sent to approximately 200 multi-family complexes in June, 2016. Commercial Businesses: Annual mailer sent to approximately 450 businesses and distributed at the Transfer Station and to new business accounts.	Ongoing	Ongoing
1030	Procurement			
1050	Government Source Reduction			
1060	Material Exch/Thrift Shops	15 thrift stores listed for South Lake Tahoe. Favorite stops for summer tourists.	12 thrift stores listed for South Lake Tahoe.	11 thrift stores listed for South Lake Tahoe.
2000	Residential Curbside	Revisions to City and County ordinances still pending.	Revisions to City and County ordinances still pending.	Revisions to City and County ordinances still pending.
2010	Residential Drop-Off	Drop off at Transfer Station added for non-CRV materials due to state regulations. Hot ash dumpster used by summer visitors.	Drop off at Transfer Station added for non-CRV materials due to state regulations. Hot ash dumpster used by visitors and residents during winter.	Free drop off at Transfer Station for non-CRV materials from residents and visitors. Hot ash dumpster also provided for visitors and residents during winter.
2020	Buyback Centers	State required training completed, renewal pending. Weightmaster's Certificate issues.	State required training completed, renewal approved. Weightmaster's Certificate issued and scales tested.	State renewal certification approved. Weightmaster's Certificate issued and scales tested.

2030	Commercial On-Site Pickup	Restructuring of separation box program for commercial businesses implemented July 1, 2016.	Restructuring of separation box program for commercial businesses implemented July 1, 2016. Service rates adjusted.	Restructuring of separation box program for commercial businesses implemented July 1, 2016. Service rates adjusted.
2040	Commercial Self-Haul	CalGreen reports increased by 200% in 2015.	CalGreen reports steadily increasing for small to medium projects.	65 CalGreen reports in 2016.
2050	School Recycling	Ongoing	School assemblies at Sierra House and Bijou Elementary Schools to reboot programs.	MRF Tours scheduled for February through May, 2017. Grant providing buses.
2060	Government Recycling	Ongoing	Ongoing	Ongoing
2070	Special Collection Seasonal	Clean Tahoe event held on June 4, 2016, over 750 residents participated	Holiday Food and Toy Drive scheduled for December, Holiday Tree Recycling scheduled for December/January.	Free Holiday Tree curbside recycling scheduled for two weeks December/January. Commercial customers can recycle trees at no charge at the RRF.
2080	Special Events	Wildfire Expo, June 11, Cycle Celebration, June 18, 4th of July Parade, recycling services provided.	Sample the Sierra, Sept 17, zero waste services provided; Fire Fest, Sept 24, recycling services provided. Employee appreciation BBQ on Sept 30. Treat Street, Oct 31, Snowglobe, December 20-31.	Snowglobe, December 29-31, 60,000 participants; zero-waste event, food waste, recycling and trash services provided.
2090	Other Business Recycling			
3000	Residential Curbside GW	Green waste routes resumed, 1116 tons collected as of June 30.	Green waste routes resumed, 2,250 tons collected as of October 31, 2016.	Green waste routes completed; 2,352.4 tons collected in 2016.
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.	STR: Residents can bring green waste to the Resource Recovery Facility, however, this is minimal due to unlimited curbside program for all California customers.	STR: Residents can bring green waste to the Resource Recovery Facility, however, this is minimal due to unlimited curbside program for all California customers.
3020	Residential Onsite GW Pickup	STR: Green waste drop boxes provided at Spring Creek tract June 29 to July 6 at no charge.	Ongoing: boxes provided upon request.	Ongoing: boxes provided upon request.

3040	Food Waste	Stanford Camp added to food waste program, LTCC participating through RRF; Heavenly Village partners participating in program. School District contacted regarding expanding program.	School District Superintendent endorses program for all school levels as program rolls out in elementary schools. Assemblies provided at Sierra House and Bijou. Year to date participation attached.	177.3 tons recycled in 2016.
3060	Government Composting			
3070	Other Composting			
4010	Sludge	Ongoing	Ongoing	Ongoing
4020	Tires	Tire Amnesty grant implemented; 156 collecte to date.	Tire Amnesty grant implemented; 476 tires collecte to date.	Tire Amnesty grant implemented; 588 tires collected in 2016.
4030	White Goods	Ongoing	Ongoing	Ongoing
4040	Scrap Metals	Ongoing	Western Metals providing boxes and pickups as needed each week.	Western Metals providing boxes and pickups as needed each week.
4050	Mixed Wood	Ongoing	Received and sorted through MRF and RRF.	Received and sorted through MRF and RRF.
4060	Asphalt/Concrete Mixed	Tahoe Asphalt installed new batch plant.	Season closes at Tahoe Asphalt. Recycling continues with Curtis and Sons and Bing Materials.	Season closes at Tahoe Asphalt. Recycling continues with Curtis and Sons and Bing Materials.
4090	Rendering/Grease	Ongoing	Contract approved with Reno Rendering for used cooking oil program.	Contract approved with Reno Rendering for used cooking oil program.
5000	Electronic	STR: Website updated.	STR: Website updated.	STR: Website updated with new STR video.
5010	Print	Ordinance changes still pending. HHW brochure updated.	Ordinance changes still pending.	HHW brochure updated. New informational flyers on bear box loan program.
5020	Outreach	2016 events: Amgen Mens and Women's races held at Heavenly, zero-waste services provided; Cycle Celebration, June 18, new zero-waste event; Wildfire Awareness event June 11, 2016 recycling services provided.	Additional 2016 events: Sample the Sierra, Fire Fest, Treat Street, Barton Holiday Tree Celebration. Snowglobe scheduled for Dec 29-31.	Snowglobe held on Dec 29-31, 60,000 attendants; zero-waste services provided.

5030	Schools (education and curriculum)	School tours completed in May and June. Preschool tours scheduled in July and August.	Preschool tours during summer, resume school tours as requested.	MRF school tours scheduled for February through May.
6010	Economic Incentives	Ongoing	Ongoing	Bear Box loan program approved by JPA, offering no-interest loans for residents to purchase metal animal resistant enclosures.
6020	Ordinances	Ordinance review continues with each jurisdiction.	Ordinance review continues with each jurisdiction.	Ordinance review continues with each jurisdiction.
6030	Other Policy Incentive			
7000	MRFs	Trommel in operation. On-site inspection by Air Quality. ADC to Lockwood and Carson City landfills.	Conveyor belt replacement and AMFAB repairs during Sept.	Baler repairs completed during Nov/Dec.
7010	Landfill Diversion			
7020	Transfer Station Diversion	Ongoing	Ongoing	Ongoing
7030	Compost Facility	Full Circle Compost accepts food waste recycling, chips, pine needles and other vegetation. Bently Ranch accepts bio-solids along with wood chips and other vegetation.	Full Circle Compost accepts food waste recycling, chips, pine needles and other vegetation. Bently Ranch accepts bio-solids along with wood chips and other vegetation.	Full Circle Compost accepts food waste recycling, chips, pine needles and other vegetation. Bently Ranch accepts bio-solids along with wood chips and other vegetation.
7040	ADC	STR: 1,972.5 tons first quarter 2016.	STR: 14,472 tons year-to-date.	STR:16,260 tons in 2016+N53.
8020	Transformation			
9000	HHW Permanent Facility	Ongoing	Ongoing	Ongoing
9010	HHW Mobile/Periodic			
9030	HHW Waste Exchange			
9040	HHW Education Programs	HHW info card provided to all new accounts and distributed at the Transfer Station Scalehouse and HHW facility. Brochure updated.	HHW info card provided to all new accounts and distributed at the Transfer Station Scalehouse and HHW facility.	HHW info card provided to all new accounts and distributed at the Transfer Station Scalehouse and HHW facility.
9045	Electronic Waste	Ongoing	80 tons year-to-date, CTRs processed through CEAR in Sacramento.	CTR's processed through CEAR in Sacramento.

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	2015 Q3	2015 Q4	2016 Q1	2016 Q2	2016 Q3	2016 Q4	2016 Total	
Tons through MRF/RRF	13,848	30,441	60,171	24,259	13,982	32,021	66,088	31,202	17,000	40,495	54,962	18,168	15,444	46,315	62,672		124,431	
Diversion	4,202	16,933	45,105	13,417	4,840	20,123	49,505	18,373	5,560	27,579	40,866	7,940	5,251	35,155	48,551		88,957	
Disposal	9,646	13,508	15,066	10,842	9,141	11,898	16,583	12,829	11,440	12,916	14,096	10,229	10,193	11,159	14,121		35,473	
% Diversion	30%	56%	75%	55%	35%	63%	75%	59%	33%	68%	74%	44%	34%	76%	77%	#DIV/0!		
	2013 Average % Diversion			54%	2014 Average % Diversion			58%	2015 Average % Diversion			55%	2016 Average % Diversion			62%		248,862



STR % Diversion Quarterly (2013 - Present)

