



**Recycling & Waste Reduction Commission
of Santa Clara County**

**Recycling and Waste Reduction Commission of Santa Clara County
Wednesday, October 26, 2016 Meeting Packet**

5:30 p.m.

**County of Santa Clara
Board Chambers
70 West Hedding Street
San Jose, CA 95112**

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County of Santa Clara

Recycling and Waste Reduction Commission of Santa Clara County
Recycling and Waste Reduction Division

1555 Berger Drive, Building 2, Suite 300
San Jose, CA 95112-2716
(408) 282-3180 FAX (408) 280-6479
www.ReduceWaste.org



RECYCLING AND WASTE REDUCTION COMMISSION MEETING AGENDA

(*Denotes item on which action may be taken)

DATE: Wednesday, October 26, 2016
TIME: 5:30 P.M.
LOCATION: BOARD CHAMBERS
70 West Hedding Street
San Jose, CA 95110

COMMUTE ALTERNATIVES: The Board of Supervisors encourages the use of commute alternatives including bicycles, carpooling and hybrid vehicles. Public transit access is available to and from the Board Chambers, San Jose, California by VTA bus line 66. For trip planning information, contact the VTA Customer Service Department at 408-321-2300 Monday through Friday between the hours of 6:00 a.m. to 7:00 p.m., and on Saturday from 7:30 a.m. to 4:00 p.m. Schedule information is also available on the web at www.vta.org. Bicycle racks are available in front of the building.

1. Call to Order and Roll Call

2. Special Orders of the Day

- None

3. Public Presentation (3-minute limit)

This portion of the meeting is reserved for persons desiring to address the Commission on any matter not on the agenda. Speakers are limited to three minutes. The law does not permit Commission action or extended discussion on any items not on the agenda except under special circumstances. Statements that require a response may be placed on the agenda for the next regular meeting of the Commission. Persons wishing to address the Commission on any item on the agenda are requested to complete a Request to Speak form and give it to the Staff Liaison so the Chairperson can call on you when the item comes up for discussion.

4. Approve Consent Calendar and changes to Commission's Agenda*

Notice to the public: there is now separate discussion of the Consent Calendar items, and the recommended actions are voted on in one motion. If an item is approved on the consent vote, the specific action recommended by staff is adopted. Members of the public who wish to address the Commission on any consent item should complete a request to speak form and place it in the tray near the dais. Items removed from the Consent Calendar will be considered at the end of the regular agenda for discussion.

5. Election of Officers

Staff will ask for nominations for Chair and a vote will be taken. Once the new Chair is seated, s/he will take over conduction for the remainder of the meeting by asking for nominations for Vice-Chair. Commissioners will then vote in a new Vice-Chair and the meeting will continue according to the Agenda.

Commissioners: James R. Griffith – Chair; Linda J. LeZotte – Vice-Chair, Michael F. Kotowski, Manh Nguyen, Teresa O'Neill, Greg Scharff, Rod Sinks, Jan Pepper, Cat Tucker, Mike Wasserman

6. Legislative Session Recap

10 minutes

Presenter: Mark Bowers, Chair Legislation Subcommittee

Subject: Recap of the Legislative Session and how Solid Waste Programs may be impacted.

TAC Recommended Action: informational item only

7. 2017 Legislative Priorities*

5 Minutes

Presenter: Tony Eulo, Chair, TAC

TAC had no recommended changes to the 2017 Legislative Priorities from the 2016 Legislative Priorities approved by Commission in October 28, 2015 meeting.

TAC Recommended Action: Approve and forward the 2017 Legislative Priorities recommendation to County Legislative Analyst.

8. Sunnyvale Pilot Residential Food Scraps Program

15 minutes

Presenter: Mark Bowers, Sunnyvale Solid Waste Programs Division Manager, will provide an overview of Sunnyvale's Pilot Residential Food Scraps Program.

TAC Recommended Action: informational item only

9. Announcements/Future Agenda Items*

5 Minutes

10. Adjournment

Next Meeting: December 14, 2016

Consent Calendar – Items will be considered under Item No. 4. Items removed from the consent calendar will be considered at the end of the regular agenda.

11. Approval of Minutes from March 2, 2016 Special RWRC Meeting*

12. Approved May, July, September 2016 TAC Minutes

13. 16th Amendment to the Amendment to the Non-Disposal Facility Element (NDFE)

The County of Santa Clara has submitted the Sixteenth Amendment to the NDFE to CalRecycle. The new factsheet is for Leo Recycle located at 215 Leo Ave, San Jose, CA 95112 in San Jose. The process of amending NDFEs has changed pursuant to AB341, where there are no longer specific regulatory requirements for public noticing or approval. The NDFE shall be provided to CalRecycle and the local task force but is not subject to review or comment.

14. Five-Year Report*

Countywide Five-Year Integrated Waste Management Plan due in 2016 has been completed.

Concludes that the County maintains 15-years of landfill capacity based on current projections.

TAC Recommended Action: Commission comments addressed (none received) with subsequent motion and vote (or action by consent vote) to accept report concluding that a revision of the Countywide Integrated Waste Management Plan is **not** necessary based on current County solid waste capacity. Report then to be submitted to the State (CalRecycle) with next report due in 2021.

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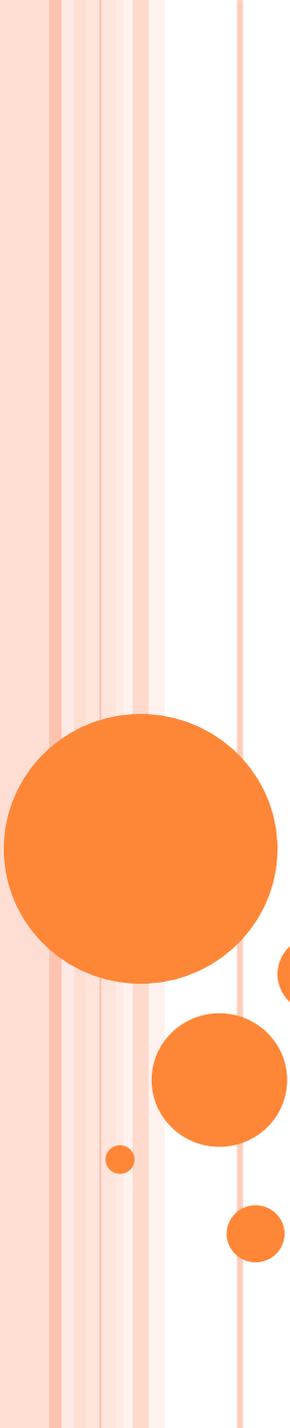
2017 LEGISLATIVE POLICIES AND PRIORITIES INTEGRATED WASTE MANAGEMENT

The County supports:

1. Improved Integrated Waste Management Programs including efforts to promote sustainable resource management; a reduction in greenhouse gases generated from the use of material resources and the collection and disposal of wastes; the standardization of the use of terms; local government authority to direct waste to permitted facilities; local jurisdiction compliance with state waste diversion mandates; and improved accuracy of the State-mandated reporting.
2. **Expanded Product Stewardship and Producer Responsibility** that reduces the amount and toxicity of solid waste generated and shifts physical and financial responsibility to the producers of products for the recovery and disposal of problem wastes through manufacturer implemented take-back programs for products such as pharmaceuticals, sharps, fluorescent lamps, and household batteries.
3. Securing local Integrated Waste Management program **funding and financing**; local solid waste franchising and fee-setting authority; compensation for the collection, recycling, and disposal of waste; and alternative funding sources.
4. Expansion of **Recycling, Composting, and Organics programs and facilities** to strengthen markets for recyclable materials and finished bio-products, encourage the production and purchase of products containing recycled-content materials, and implement a statewide recycling information network.
5. Banning disposal of **organics**.
6. **Energy recovery from landfill gas**, wood wastes, and other source-separated biomass.
7. Performance standards and use of **alternative cover for landfills**, limited to the quantities required, to protect public health and safety and minimize nuisances.
8. Legislation to further address **litter control** and abatement problems in California including enforcement, outreach campaigns, a reduction in single-use containers, other problem containers, and the cleanup of littered areas.
9. Regulations that prohibit the release of **radioactive or radiation-contaminated materials** into the recycling stream.
10. Requirements that products containing hazardous waste be designed, manufactured, and used in ways that avoid harm to workers and the environment and shall be managed and recycled using proper processes and procedures according to environmental regulations and Department of Toxic Substances Control guidelines.

Commissioners: James R. Griffith – Chair, Linda J. LeZotte – Vice-Chair, Michael F. Kotowski, Manh Nguyen, Teresa O’Neill, Greg Scharff, Rod Sinks, Jan Pepper, Cat Tucker, Mike Wasserman

11. Elimination of local government **liability under Superfund for the disposal of ordinary municipal waste**, expedited de minimis settlements for hazardous material generated by local government operations, and allocation of costs on the basis of toxicity rather than the volume of municipal waste. Superfund reform should also provide a level of protection to third party investors, lenders, and developers of Brownfield sites.
12. Preventing adoption of state and federal laws and global treaties that preempt local government from protecting public health and the environment.



OVERVIEW OF PILOT RESIDENTIAL FOOD SCRAPS PROGRAM

October 26, 2016

Recycling and Waste Reduction Commission

WHY FOOD SCRAPS COLLECTION IS IMPORTANT:

- Zero Waste Strategic Plan
- Meets Climate Action Plan, GHG reduction goals
- Largest remaining part of waste stream (33%)
- California Air Resources Board (CARB) hinting at residential food scraps mandate



THE PILOT WAS DESIGNED TO:

- Capture a high % of food scraps
- Convenient, accepted by residents
- Minimize cost increases
- Minimize number of extra trucks/carts



FOOD SCRAPS COLLECTION PILOT OVERVIEW:

Details

- 500+ households
- 5 diverse neighborhoods
- March-December 2015
- All received:
 - 50/50 split cart
 - Countertop bucket
 - 2 boxes of compostable bags
- Outreach materials
 - Postcard, letter beforehand
 - “Blind” website with info



PILOT SET-OUT



OVERALL PARTICIPATION RATE WAS HIGH AT 73%

Percent of households participating in pilot



2009 EPA report: average participation rate for residential food scraps collection programs 35- 40%*.

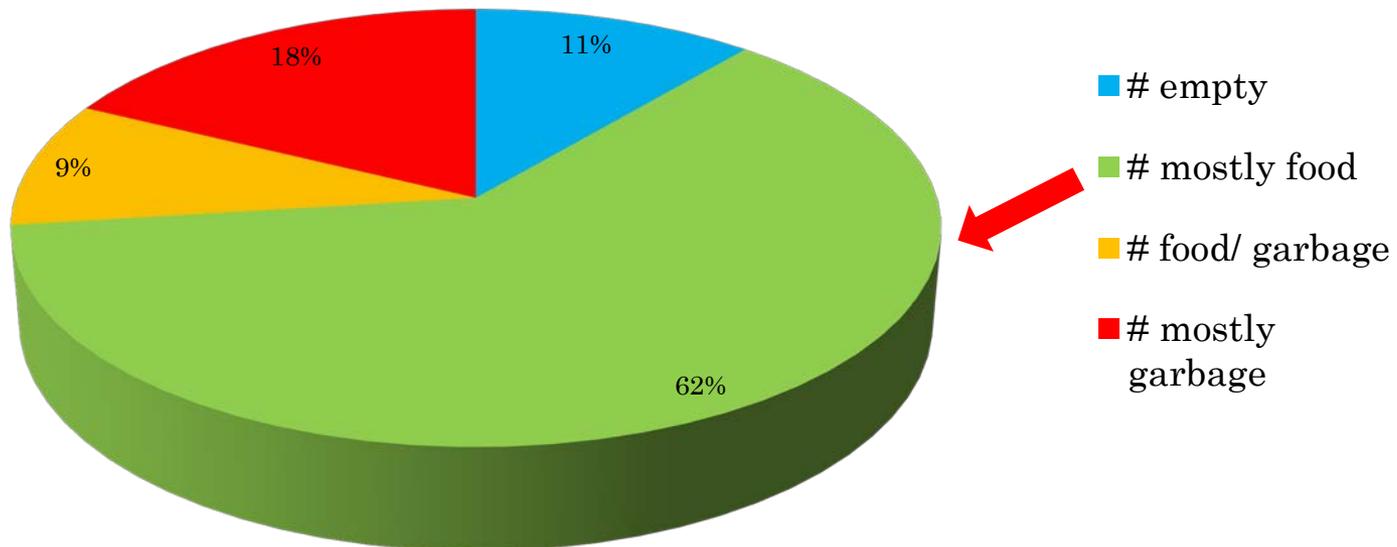
*http://www.foodscrapsrecovery.com/epa_foodwastereport_ei_region5_v11_final.pdf



ROUTE AUDIT FOUND MOSTLY FOOD IN YELLOW SIDE OF CART:

Lid Flipping Results

62% of yellow side contents appeared to be food



ISSUES:

- 50/50 cart didn't have enough garbage space for some residents (6% of all carts audited)
- Majority of overfilled carts were on routes with high garbage generation



ADJUSTMENTS DURING PILOT TO COMPENSATE FOR OVERFILLED CARTS:

- On two high garbage generating routes:
 - Allowed extra garbage bag set-outs for no charge and switch to non-compostable bags
 - Replaced the 50/50 cart on one route with a **70/30 cart**
 - Participation went up: from **62%** to **81%** with the 70/30 cart

70% garbage - 30% food



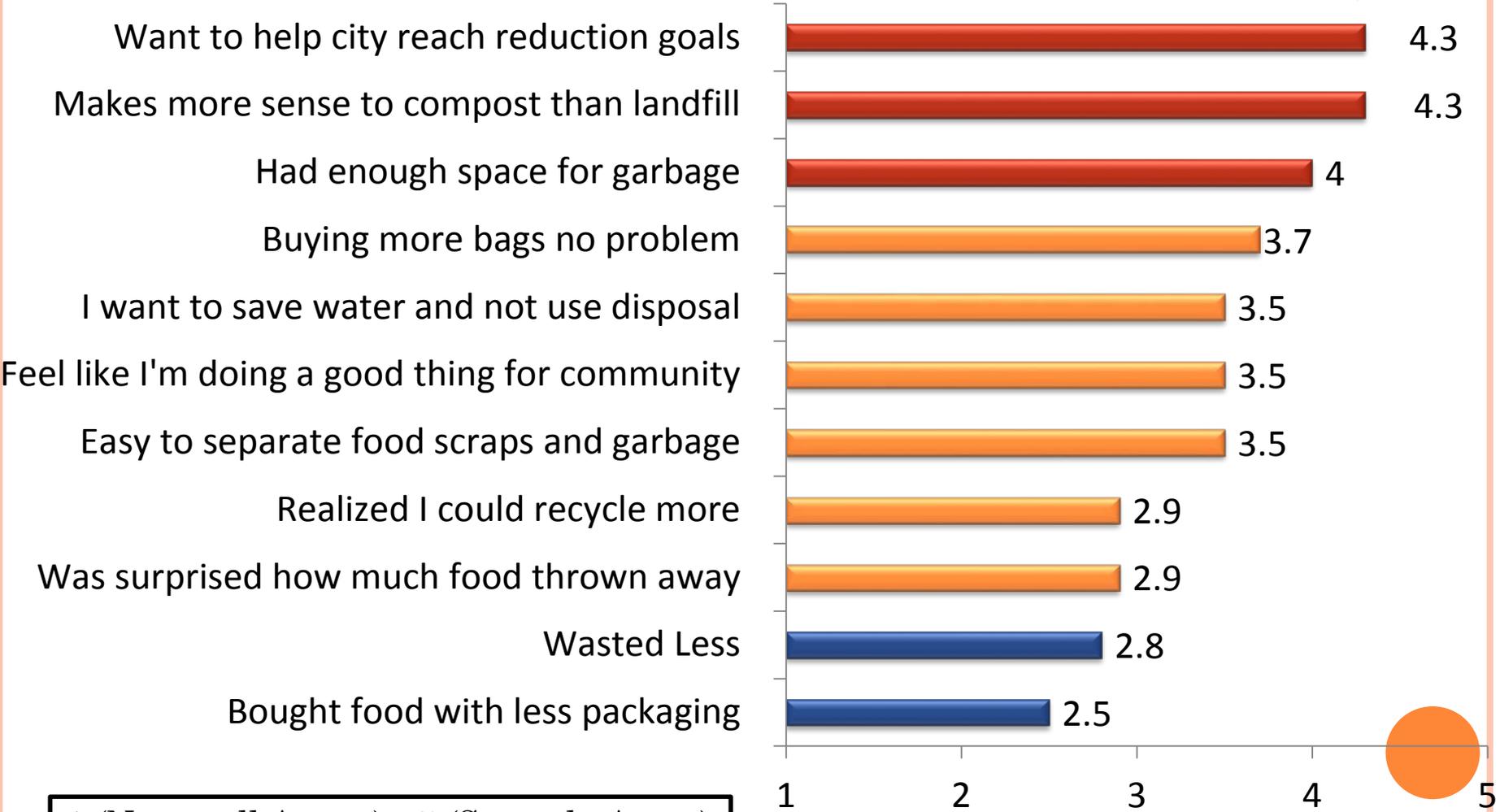
POST-PILOT SURVEY RESPONSE TO THE 70/30 CART:

- 84% felt they could fit all their garbage into the garbage side of a 70/30 cart

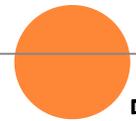
Note: Range of cart choices will be made available when program is implemented city-wide



SURVEY RESPONSE INDICATES RESIDENTS WISH TO HELP CITY REACH GOALS, REDUCE LANDFILLING:



1 (Not at all Agree) - 5 (Strongly Agree)



PROCESSING

- City has two contracts to process food scraps currently:
 - Animal feed (SAFE program)
 - Windrow composting



**SOME RESIDENTS WENT TO GREAT LENGTHS
TO SHOW THEIR DISAPPROVAL:**



BUT MOST RESIDENTS WERE VERY HAPPY PARTICIPANTS!



NEXT STEPS:

- At September 20, 2016 Council meeting, staff was directed to implement a city-wide split-cart curbside collection program to collect food scraps from single-family households and small businesses that use commercial cart service.
- Roll-out will be phased in over the course of 6-9 months after carts/trucks arrive (trucks require 6 month lead time).
- Estimated implementation start date: Summer/Fall 2017
- Outreach will be conducted city-wide at neighborhood association meetings, through electronic outreach methods, and direct mail.



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TECHNICAL ADVISORY COMMITTEE MEETING MINUTES
May 12, 2016

VOTING MEMBERS IN ATTENDANCE

ACTERRA	Maija McDonald
CITY OF CUPERTINO	Cheri Donnelly
CITY OF GILROY	Tony Eulo
CITY OF LOS ALTOS	Chris Lamm
CITY OF MILPITAS	Elizabeth Koo
CITY OF MORGAN HILL	Tony Eulo
CITY OF MOUNTAIN VIEW	Cary Bloomquist
CITY OF PALO ALTO	Matthew Krupp
CITY OF SAN JOSE	Alana Rivadeneyra
CITY OF SANTA CLARA	Karin Hickey
CITY OF SUNNYVALE	Mark Bowers
CLARA MATEO	Michael Gross
CLARA MATEO	Julie Muir
COUNTY RECYCLING AND WASTE REDUCTION	Bill Grimes
COUNTY UNINCORPORATED AREA	Wendy Fong
SAN JOSE STATE UNIVERSITY	Bruce Olszewski
SILICON VALLEY LEADERSHIP GROUP	Lou Ramondetta
WEST VALLEY CITIES	Marva Sheehan

VOTING MEMBERS NOT IN ATTENDANCE

CALIFORNIA PRODUCT STEWARDSHIP COUNCIL
 CITY OF CAMPBELL
 CITY OF MONTE SERENO
 CITY OF SARATOGA
 CLEAN WATER FUND
 COUNTY ENVIRONMENTAL HEALTH
 LEAGUE OF WOMEN VOTERS
 SANTA CLARA VALLEY WATER DISTRICT
 SIERRA CLUB
 TOWN OF LOS ALTOS HILLS
 TOWN OF LOS GATOS

OTHERS IN ATTENDANCE

Clifton Chew	SCC RWRD
Karen Gissibl	City of Sunnyvale
Tina Gonterman	City of San Jose
Alan Ha	CRRA
Nicole Nguyen	SCC RWRD
Lisa Rose	SCC RWRD
Elizabeth Panduro	GreenWaste Recovery
Alyssa Price-Wilson	San Jose Conservation Corps
Jeanne Serpa	Republic Services
Cole Smith	UCCE – Composting Education Program
Dave Staub	City of Santa Clara
Alex Wykoff	City of Cupertino

1. Call to Order

Tony Eulo, Chair, called the meeting to order at 1:34 p.m. A quorum of 18 was present. Those present introduced themselves.

2. Approval of Minutes

Wendy Fong had a correction to the March 10 minutes. Cheri Donnelly made a motion to approve the amended March 10, 2016 minutes. The motion was seconded and all present voted to approve the minutes. Those not present at the March 10, 2016 TAC meeting abstained.

3. Public Presentations

There were no public presentations.

4. Green Business Presentation

Lisa Rose and Nicole Nguyen gave a presentation on the Green Business Program. Lisa also noted that the California Green Business Network is working on getting Cap & Trade funding through a bill and if approved, would provide up to \$80K over a two year period for each of the Green Business Programs throughout the State, which includes \$1K incentives for business that qualify for the rebate. Lisa may ask jurisdictions to sign a letter of support for the legislation. [Attach presentation link](#)

5. Hotline Presentation

Bruce Olszewski gave a presentation on the County's Recycling Hotline. [Attach presentation link](#)

6. Biomass

Michael Gross gave a presentation on biomass. [Attach presentation link](#)

7. 5-Year Report

Bill Grimes said the report is in the packet. The last time the report came was in 2011. The intent of the report is to ensure that the County has 15 years of disposal capacity. The report which is a template from the State does conclude that the County has 15 years of capacity. Newby Island is currently undergoing an expansion permit process. The expansion was not included in the report because it has not been resolved yet. The report anticipates the closure of Newby in five years with the material being sent to the remaining two landfills which would halve their capacity. Bill is asking for a favorable recommendation from TAC to the RWRC to accept the report. If there are any minor changes/modifications, please let Clif know. If there is a major revision needed then the report would come back to TAC.

A question was asked if Zero Waste plans were included in this version of the 5-year report. Clif noted that those plans were included in the previous (2011) 5-Year Plan. A question was asked about composting capacity for 2017 but the report only reflects 2010 through 2015 (reports on the previous year and not the current one).

Mark Bowers made a motion to forward a favorable recommendation to the RWRC indicating that a revision of the Countywide Integrated Waste Management Plan is not necessary at this time. The motion was seconded and all present voted to approve.

8. Joint TAC Agenda

The Joint TAC will be on June 9 at the Quinlan Community Center with San Mateo and Santa Cruz Counties. The top few topics from each jurisdiction are chosen as the agenda items for the day. The topics for Santa Clara County are:

1st - AB1826

2nd - Food Rescue Implementation/ Every other week (EOW) garbage collection

3rd - C&D ordinance (synchronize)/ Disaster Preparedness

4th - Food Rescue

There was some discussion about lunch options and the start time was possibly at 10AM for the people travelling longer distances.

9. Annual Project Reporting Schedule

Tony Eulo suggested that all the programs that TAC/IC provides funding give an annual presentation. The quarterly reports will be included in the TAC packets while the annual reports will be a Q&A session.

10. RWRC Update

Lisa Rose said the next meeting is June 22 and the agenda includes the following: 1) NDFE on consent; 2) Food Rescue presentation by Silicon Valley Talent Partnership; and 3) the 5-Year Report. Michael Gross offered to provide and update on biomass and Cole Smith offered to provide an update on the Composting Education Program.

11. Division Manager's Report and Updates on Countywide Programs

- A. Disposal Reporting System – report in packet.
- B. Other – Regarding the on-line disposal reporting system, Bill is meeting with the County's Information Services Department on a regular basis and they have come up with a mock-up of the screens and how the data would be populated. They have not started working on the public side yet. They want to get something up and running for the reporting community first. Bill scheduled a meeting with the Controller's Office for the e-payment portion which is a separate module that plugs in.

Bill wanted to thank the evaluation panel (Mark Bowers, Alana Rivadeneyra and Lori Topley) for selecting a vendor to conduct the TAC/RWRC financial audit. The County is in the process of completing a service agreement with the vendor so they can commence right away. There is dialog going on even though there is no formal agreement. Bill did want to note that the timing is a little uncomfortable for the accounting staff with the end of year budget close. Accounting is waiting to see what is being requested and how quickly they are able to provide the information. If requests conflict with the end of fiscal year closure, the report may be delayed.

Additionally, Bill wanted TAC to know the FY16-17 CDR Hotline/HHW Contract was pulled by the County Executive's office from the Master Contract List (automatic approval process) for a full transmittal to the Board of Supervisors (BOS) since it has been some time since the Board seen the item. The transmittal is scheduled for May 24. He is not anticipating any issues, just a more thorough review process for the BOS.

12. Program Update

- A. Composting Education – report in packet. Cole said the Master Composter Class will be graduating 25 students next Saturday. There has been an uptick in workshops with 240 pre-registered and out of five workshops they had 110 attend. He wanted to point out the last page was survey responses.

13. Subcommittee Reports and Updates on Countywide Programs

- A. Eco-Gardener – Karin Hickey said she brought the first piece of advertising for the group. She said Peggy Horning sent out information on how people can post events to the calendar

- B. Enforcement – Memo from Stan in the TAC Packet. Clifton Chew said the meeting was about having the notes from the LEA be more uniform (reporting the same items). Stan is trying to set up a meeting with the San Jose LEA since they were not at the meeting.
- C. Household Hazardous Waste – Alex Wykoff said the group met and discussed the outreach plan options. He said the City of San Jose will provide overview of materials and methods of outreach to measure the success of their program with the goal of each city to see if it works for their jurisdiction.
- D. Legislation – Mark Bowers said the Wood, CRV and E-Waste programs are having difficulties because of the slow turn-around of payment from the State Programs. Mark noted the legislative report is in the TAC packet and he discussed the following bills: AB45; AB1103; AB1669; AB2039; AB2153; SB1229; SB1383; and AB375.
- E. Operations – Did not meet.
- F. Public Education – Karin Hickey said there was a joint meeting with SRR to talk about advertising for the composting program. This included how different cities advertise and what kind of result they get. There were a lot of responses from Facebook and NextDoor. The group also watched the Ad Council webinar in conjunction with National Resources Defense Council's Food Waste campaign. All the collateral is available to use and can be co-branded. PubEd will look at common issues and what can be coordinated. BayROC does not seem to have a definitive direction for the coming fiscal year.
- G. Source Reduction and Recycling – Karen Gissibl said the last half of the meeting had Silicon Valley Talent Partnership/Food Rescue Coordinator talk about the results of the Food Rescue Forum. The forum had 110 attendees and generated many good ideas. Now the coordinator is pulling together a post-forum food rescue council on June 2. They anticipate having three committees with stakeholder input. SRR's role is to oversee what is going on as the process moves forward. They will provide quarterly reports to SRR and SRR will report annually to TAC. The next SRR meeting is May 26.

14. Items for Future Agenda/ Guest Speakers

June is the Joint TAC in Cupertino with San Mateo and Santa Cruz Counties.

The July 14 TAC meeting will follow up on AB1826.

15. Informational Updates and Announcements

Julie Muir reported Stanford did really well in RecycleMania by having the second largest university recycling program in the country. Of the 269 schools competing in the per capita category, Stanford came in 16th. She noted that the composting rate increased.

Michael Gross said C&D World had their conference in San Jose with 190 people participating from all over the Country as well as a few international visitors. He said the GreenWaste MRF tour had to be rescheduled because the coordinator was in contract negotiations.

Karen Gissibl said she was the grant manager in charge of a three city grant to promote the use and purchase of refillable gas canisters. The co-contractor has been the California Product Stewardship Council (CPSC). They have had some small successes with small hardware stores, gas stations and Stanford Outdoor Education Store. This last month CPSC was able to get U-Haul on board, with six locations in Santa Clara County and 126 locations statewide and will eventually branch out to all their franchise stores. There will be some media and outreach events in June. The County will collect disposable canisters at the June 2 event.

Matthew Krupp said Palo Alto and other jurisdictions have a problem with cardboard boxes not being broken down in the recycling carts/bins. The City is tackling the problem for overflowing containers with an outreach campaign with partner GreenWaste Palo Alto. They are giving out safety box cutters and will be unveiling their mascot, Zak Zero.

Mark Bowers had three items: 1) the Disposal Reporting System tonnages are posted for jurisdictions and the correction deadline is three days from now; 2) The SMaRT Station, with the help of the Zanker family of facilities, has achieved 30% diversion of material; and 3) if you have a bag ordinance, try walking around town and check if stores are following the details of the ordinance. Sunnyvale is finding some stores backsliding and not charging for bags.

Karin Hickey said City of Santa Clara had their Earth Day/Arbor Day Celebration and had 900 school kids. May 21 is National Rivers Clean Up and the City is hosting two clean up spots.

Maija McDonald said she sorted trash from storm drain capture devices with some middle schoolers and is pleased to report many students said they would never litter again. The number one item found was chip bags.

Cole Smith said the Master Composting Training is finishing up.

Alana Rivadeneyra said San Jose ESD is partnering with San Jose State, CommUniverCity and CDR for a Move Out Event next Friday. The goal is to reduce illegal dumping. Students can bring their items to swap or drop off. They are also doing an illegal dumping sweep of the south campus area.

Cheri Donnelly announced Cupertino won an Outstanding Case Study award from Sustainable Purchasing Leadership Council for using the Green Business Certification program. Her team is promoting small and medium size businesses to engage in environmental preferable purchasing.

Wendy Fong said the County is hosting the next Northern California HHW Information Exchange on June 29 from 9:30AM to 2PM in the Auditorium at 1555 Berger Drive.

Lou Ramondetta said he was part of the economic develop leadership advocacy council that was in Sacramento earlier this week talking with legislators with regard to initiatives on sustainability, regulatory, housing, traffic, and urban development. They also had a recent meeting with United Way on hiring summer interns from high school.

16. Adjournment

The meeting adjourned at 3:45 p.m.

THE NEXT SCHEDULED TAC MEETING: June 9, 2016

County of Santa Clara

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Recycling and Waste Reduction Division

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TECHNICAL ADVISORY COMMITTEE MEETING MINUTES July 14, 2016

VOTING MEMBERS IN ATTENDANCE

ACTERRA	Maija McDonald
CALIFORNIA PRODUCT STEWARDSHIP COUNCIL	Rob D'Arcy
CITY OF CUPERTINO	Cheri Donnelly
CITY OF GILROY	Tony Eulo
CITY OF LOS ALTOS	Chris Lamm
CITY OF MILPITAS	Elizabeth Koo
CITY OF MORGAN HILL	Tony Eulo
CITY OF MOUNTAIN VIEW	Lori Topley
CITY OF PALO ALTO	Matthew Krupp
CITY OF SAN JOSE	Alana Rivadeneyra
CITY OF SANTA CLARA	Karin Hickey
CITY OF SUNNYVALE	Mark Bowers
CLARA MATEO	Julie Muir
CLEAN WATER FUND	Samantha Sommer
COUNTY RECYCLING AND WASTE REDUCTION	Bill Grimes
COUNTY UNINCORPORATED AREA	Wendy Fong
SIERRA CLUB	Heidi Melander
SILICON VALLEY LEADERSHIP GROUP	Lou Ramondetta
WEST VALLEY CITIES	Marva Sheehan

Commissioners: James R. Griffith, Chair; Michael F. Kotowski, Linda J. LeZotte, Manh Nguyen, Teresa O'Neill, Greg Scharff, Rod Sinks, Jan Pepper, Cat Tucker, Mike Wasserman

VOTING MEMBERS NOT IN ATTENDANCE

COUNTY ENVIRONMENTAL HEALTH
 SAN JOSE STATE UNIVERSITY
 SANTA CLARA VALLEY WATER DISTRICT
 TOWN OF LOS ALTOS HILLS

OTHERS IN ATTENDANCE

Paula Borges	City of Palo Alto
Clifton Chew	SCC RWRD
Lisa Coelho	City of Sunnyvale
Lauren Dickinson	City of Cupertino
Richard Gertman	4sustainability2
Tammy Green	SCC RWRD
Bill Grimes	SCC RWRD
Sandy Jensen	City of Sunnyvale
Mary Lindemuth	City of Sunnyvale
Suzanne Morrison	Recology
Julie Muir	PSSI/Stanford Recycling
Elizabeth Panduro	GreenWaste
Linda Prada-Baez	City of Santa Clara
Alyssa Rice-Wilson	San Jose Conservation Corps
Cecilia Rios	City of San Jose
Lisa Rose	SCC RWRD
Dave Staub	City of Santa Clara
Ursula Syrova	City of Cupertino
Alex Wykoff	City of Cupertino

1. Call to Order

Tony Eulo, Chair, called the meeting to order at 1:33 p.m. A quorum of 18 was present. Those present introduced themselves.

2. Approval of Minutes

Maija McDonald and Matthew Krupp had a correction to the May 12 minutes. Mark Bowers made a motion to approve the amended May 12, 2016 minutes. The motion was seconded and all present voted to approve the minutes. Those not present at the May 12, 2016 TAC meeting abstained.

3. Public Presentations

There were no public presentations.

4. Disposable Propane Bottle Retrofits and Related Issues

Karen Gissibl said the City of Sunnyvale received a CalRecycle grant last year for the three cities that use the SMaRT Station along with California Product Stewardship Council to get retailers to carry the refillable 1-lb gas cylinders in their stores. Together they were able to get U-Haul on board and plan to take it nationally. REI and Sports Authority are now considering the refillable cylinders. There was a question from Commissioner Griffith at the June RWRC meeting that will need to be clarified about the single use canisters and whether they could be refilled with devices being sold online and possibly in stores such as Home Depot. TAC will want to revisit in six months to see if considering a ban on the refilling device is warranted.

5. Best Practices and Information Sharing on AB1826 Implementation

Tony Eulo said there were some interesting directions from CalRecycle about the need for ordinances and other activities related to AB1826.

Dave Staub said the City of Santa Clara adopted an ordinance that took effect July 1. All business in the industrial zoned area with four cubic yards or more of solid waste are required to subscribe to organic collection. Other commercial properties mirrored language in AB1826. Lina Prada-Baez said implementation began earlier this year through mailings and working with Mission Trail. They have gotten some hotels started and are now working with Great America. For outdoor collection they have a 64-gallon container up to a three cubic yard bin. For every cubic yard of service the business received a Slim Jim (no lid) from Mission Trail. All materials are in clear bags (compostable or not). It should be noted that in the franchised area the food scraps are going to the SAFE facility (developing pet food/supplement products). It was noted that Alameda County negotiated a County-wide discount for containers. Other jurisdictions can get the same discount through Sterilite and Waxie Rubbermaid. With the non-exclusive franchise, they have the ability to see all the different places the material is going and what is happening with the material through their quarterly reports.

A question was asked if the state is recommending mandatory ordinances and the response was no, CalRecycle said there are other ways to comply with the law.

Matthew Krupp said Palo Alto decided to change their solid waste ordinance before AB1826 came out but it helped convince City Council that the ordinance change was necessary. Palo Alto has had commercial organics collection since 2009 that was an opt-in program with reasonably good participation. The franchised hauler services both residential and commercial accounts. Compost collection service pricing is set at 10% less than regular garbage service. The recycling and composting ordinance is a more aggressive form of AB1826 borrowed much from Cupertino, SF, Alameda County and others. As of April 1, 2016 all commercial accounts who generate eight cubic yards of solid waste

or more per week must have organics collection as well as all food service establishments and multi-family dwellings (MFDs) that have eight cubic yards or more of solid waste per week. Since it is in the municipal code, there is a fine schedule for non-compliance at \$100/day which may be increased to \$250/day. Matt said that staff going door to door at MFDs providing three gallon sure-close kitchen scrap buckets and literature was an eye opening experience and they learned about real life constraints of the residents. The ability to fine is what really drives subscription to the service. The compost rate is 20% off garbage cost as an incentive to compost. Single family dwellings have food scraps collection with their yard waste carts.

Cheri Donnelly said Cupertino's ordinance is similar to Palo Alto's and that it began in 2010 and was initially voluntary. Once Cupertino hit a plateau in 2014 they looked at AB1826 as a model they decreased threshold to three cubic yards. Hauler and city staff will review which businesses need to comply. All new business have to have enclosure with three waste streams. Drivers are required to report suspicious loads. There is no incentive for organics collection, but commercial recycling is free.

Lisa Rose said the County will examine how to develop an AB1826 webpage to share information between jurisdictions. Mary Lindemuth will send Lisa a video that CRRA developed a few years ago about sorting.

It was noted that restaurants need multiple visits at different times and different languages.

Sunnyvale does not have an ordinance but is working with businesses. If they encounter difficulties then an ordinance may be needed. Sandy Jensen is working with the school district to get them some cost savings.

San Jose is in compliance using the wet/dry system where the material is composted at ZWED. MFDs are getting sorted with the organics going to Z-Best.

Stanford is trying to ban black bags in the compost bin (Sunnyvale considers that a non-collection).

Another question was asked about annual reporting to the state with the need to identify organics recycling facilities and possible future expansion. The County will be releasing a RFP on the Organics Capacity Report soon after the fiscal year.

Chris Lamm said Los Altos' ordinance mirrors AB1826 but they have less than ten business in the first round and less than twenty in the second round.

West Valley is using hauler to do outreach and will receive reports from them.

6. Cancellation of August TAC Meeting

August meeting is scheduled the same week as the CRRA Conference – suggest cancelling August TAC Meeting.

7. RWRC Update

Lisa Rose said without quorum at the June 22 meeting, the RWRC was unable to approve the 5-Year Report. There were great presentations from Food Rescue Coordinator and the Composting Education Program. Will check for quorum before meeting agenda packets are posted, if quorum cannot be achieved, suggest cancelling the meeting. Next meeting is scheduled for August 24 if there is quorum and an appropriate agenda.

8. Division Manager's Report and Updates on Countywide Programs

A. Disposal Reporting System – report in packet. Bill Grimes said the County is meeting weekly to develop an online program for reporting and payment. The sign-in process is a third party plug-in module that is consistent with County webpages. Payment system in another plug-in module. It is

starting to take shape and hope to have user/admin interface more fully developed with the ability to view reports from the public.

B. Other –

9. Program Update

- A. Green Business – Report in packet
- B. Composting Education – No Report
- C. Recycling Hotline – Report in packet

10. Subcommittee Reports and Updates on Countywide Programs

- A. Eco-Gardener – Karin Hickey said no report.
- B. Enforcement – Did not meet.
- C. Household Hazardous Waste – Alex Wykoff said did not meet in July, met in June and had a report from the City of San Jose on the sports outreach campaign. Recommended the same presentation to TAC in September (separate agenda item). Wendy Fong noted that with the new appointment system in November some of the data was entered incorrectly so it looks like this year's participation was slightly higher than last year.
- D. Legislation – Mark Bowers sent around the legislative update.
- E. Operations – Did not meet.
- F. Public Education – Karin Hickey said the focus was on the NRDC/Ad Council Save the Food campaign proposal.
- G. Source Reduction and Recycling – Karen Gissibl said they met with the Food Rescue Coordinator on June 23 to get a report on the progress to date on Food Rescue Council (FoRC). FoRC had a general meeting on June 2 where they formed three separate subcommittees: one was technology and innovation; one was logistics and policy which may change to metrics; and one was education and communication. There is a general meeting August 24.

A question was asked about possibly developing a regional EPS model ordinance on ice chests, meat trays, pool toys, egg cartons, etc. The jurisdictions were split and will revisit the issue in a few months.

11. IC Update

Tony Eulo said IC re-appropriated \$5K of the BayROC funding to the Ad Council/NDRC Save the Food Campaign. Additionally, they approved the letters from the County per the TAC MOA.

12. Items for Future Agenda/ Guest Speakers

Earthquakes Campaign for September.

A question was asked about the role of the RWRC.

Illegal dumping before the end of the year, possibly in October.

Brown bag presentation for REV on the Sustainability Circle project possibly in September.

ReThink Disposables will be wrapping up Green Business Audit Program pilot in San Jose and Cupertino and can give a 20 minute presentation in October with a possible brown bag for a longer version.

Wendy Hediger is leading GoBox Program in downtown Palo Alto and can possibly present in November.

13. Informational Updates and Announcements

Cheri Donnelly announced Cupertino passed a rate increase on commercial rates for the organics collection.

Karen Gissibl said she will be hiring an administrative aide for Zero Waste implementation project.

Mark Bowers had two items: 1) CRRA Conference is coming up August 6-10 in Sacramento; and 2) CAW is combining end of the conference with their fundraiser Wednesday evening.

Cole Smith said there is a worm workshop in Cupertino this Saturday.

Richard Gertman will be giving a presentation on the evolution of recycling pre-1980 in the Exhibit Hall.

Rob D'Arcy said pharmaceutical manufactures need to submit their stewardship plans by July 23 under the Santa Clara County Ordinance. It was suggested to add this item as a regular item at HHW subcommittee reports.

Samantha Sommer had four items: 1) there will be a CRRA presentation on plastics in Asia; 2) Clean Water Action received some settlement money to fund beach and creek clean ups in Santa Clara County; 3) she has a lot of outreach materials she can share; and 4) over sixty people from around the Bay Area attended the ReThink workshop.

Matthew Krupp will be presenting on MFD composting at CRRA.

Cecilia Rios will be on a Zero Waste panel in Indianapolis at WasteCon.

Alana Rivadeneyra had two items: 1) announced Jo Zientek is part of Urban Sustainability Director's Network which just launched a sustainable consumption toolkit for jurisdictions; and 2) San Jose is involved in upstream beyond the ban project.

14. Adjournment

The meeting adjourned at 3:45 p.m.

THE NEXT SCHEDULED TAC MEETING: September 8, 2016

County of Santa Clara

Recycling and Waste Reduction Commission of Santa Clara County
Recycling and Waste Reduction Division

1555 Berger Drive, Suite 300
San Jose, California 95112
(408) 282-3180 FAX (408) 280-6479 www.ReduceWaste.org



TECHNICAL ADVISORY COMMITTEE MEETING MINUTES September 8, 2016

VOTING MEMBERS IN ATTENDANCE

ACTERRA	Maija McDonald
CALIFORNIA PRODUCT STEWARDSHIP COUNCIL	Rob D'Arcy
CITY OF CUPERTINO	Cheri Donnelly
CITY OF GILROY	Tony Eulo
CITY OF LOS ALTOS	Chris Lamm
CITY OF MILPITAS	Elizabeth Koo
CITY OF MORGAN HILL	Tony Eulo
CITY OF MOUNTAIN VIEW	Lori Topley
CITY OF PALO ALTO	Matthew Krupp
CITY OF SAN JOSE	Cecilia Rios
CITY OF SANTA CLARA	Karin Hickey
CITY OF SUNNYVALE	Karen Gissibl
COUNTY ENVIRONMENTAL HEALTH	Stan Chau
COUNTY RECYCLING AND WASTE REDUCTION	Bill Grimes
COUNTY UNINCORPORATED AREA	Wendy Fong
SAN JOSE STATE UNIVERSITY	Bruce Olszewski
SILICON VALLEY LEADERSHIP GROUP	Lou Ramondetta

Commissioners: James R. Griffith - Chair; Linda J. LeZotte – Vice Chair, Michael F. Kotowski, Manh Nguyen, Teresa O'Neill, Greg Scharff, Rod Sinks, Jan Pepper, Cat Tucker, Mike Wasserman

VOTING MEMBERS NOT IN ATTENDANCE

CITY OF CAMPBELL
CITY OF MONTE SERENO
CITY OF SARATOGA
CLARA MATEO
CLEAN WATER FUND
SANTA CLARA VALLEY WATER DISTRICT
SIERRA CLUB
TOWN OF LOS ALTOS HILLS
TOWN OF LOS GATOS
WEST VALLEY CITIES

OTHERS IN ATTENDANCE

Carolina Camarena	City of San Jose
Clifton Chew	SCC RWRD
Jennifer Flores	Republic Services
Richard Gertman	ForSustainabilityToo
Tammy Green	SCC RWRD
Amanda Orozco	City of San Jose
Elizabeth Panduro	GreenWaste
Alyssa Rice-Wilson	San Jose Conservation Corps
Lisa Rose	SCC RWRD
Jennifer Seguin	City of San Jose
Dave Staub	City of Santa Clara
Donna Thurmon	City of San Jose
Alex Wykoff	City of Cupertino

1. Call to Order

Tony Eulo, Chair, called the meeting to order at 1:30 p.m. A quorum of 17 was present. Those present introduced themselves.

2. Approval of Minutes

Cecilia Rios had a correction to the July 14 minutes. Lou Ramondetta made a motion to approve the amended July 14, 2016 minutes. The motion was seconded and all present voted to approve the minutes. Those not present at the July 14, 2016 TAC meeting abstained.

3. Public Presentations

There were no public presentations.

4. Earthquakes Campaign

Carolina Camarena and Amanda Orozco provided a presentation on the San Jose Earthquakes campaign that took place from 2014 – through 2016. She explained that San Jose will be partnering with the Sharks and Earthquakes at a cost of \$270K each for a three year contract which works out to \$90K/year for each franchise. San Jose is contributing \$115K for the three year term with the remaining funding coming from partners. It was noted that TAC has already committed \$150K for FY 2017-2019 that will be provided at one time for the three year term.

5. CAW Inquiry

Tony Eulo said CAW sent a letter inquiring and suggesting that cities adopt resolutions in support of Proposition 67. It is consistent with the legislative priorities of the County and TAC/RWRC.

If interested, email Clifton Chew for the sample resolution that CAW developed.

6. RWRC Update

Lisa Rose said there was no update and that the next meeting is on October 22. There is a full slate: 5-Year Report; Provide the latest NDFE; Presentation from SVTP; and officer elections. If someone has agenda items, please let her know. She will poll the Commissioners before the agenda goes out to ensure quorum.

7. Division Manager's Report and Updates on Countywide Programs

- A. Disposal Reporting System – report in packet. Bill Grimes said Newby was very late in reporting and ZWED is newly reporting.
- B. Other – The on-line reporting system is in its final testing and there are key dates for the roll out. A pilot test with Zanker will take place on October 11 and then training sessions the following week for all users. There are additional guides and phone support for those that can't attend the training sessions. The program will go live in December (for the July – Sept Quarter) to work out any possible problems and have the next reporting period be fully implemented. Archived data may be added in the future. This is independent of AB901 for the State.

Organics Capacity Study – looking for two things: 1) input from jurisdictions on scope development and 2) a small panel to assist with scope development and review received proposals. Matthew Krupp and someone from the City of San Jose were jurisdictions expressing interest. County would like at least one more person to participate.

Audit is under review by the review panel. Panelist are requesting the ability to converse with the auditors to better understand the report and the response to their questions. Staff is looking at the possibility of a conference call between panelist and the auditors.

8. Program Update

- A. Green Business – Report in packet. Lisa Rose wanted to invite TAC members to the Green Business Recognition event Sept 28. She also noted that she would love to see cities recognize businesses at their Council meetings as Cupertino and Sunnyvale do.
- B. Composting Education – Report in packet – Lisa Rose wanted TAC members to know that compost bin sales have increased significantly since the last report.
- C. Recycling Hotline – no report. The new semester started and one CDR Manager is leaving.

9. Subcommittee Reports and Updates on Countywide Programs

- A. Eco-Gardener – Karin Hickey said the subcommittee approved a script for an online tutorial that will be added to the website. They are moving towards getting a scope of work for compost videos (small, short segments). She shared an outreach piece that jurisdictions may request.
- B. Enforcement – Did meet regarding tonnage reporting. There is a style difference between the County and the City of San Jose LEAs. The State is developing a matrix for tracking wastes that also includes some enforcement options. The subcommittee will try and get together to see if a coordinated report can be established and report back in February as a separate agenda item.
- C. Household Hazardous Waste – Alex Wykoff passed out a recommendation to TAC from the HHW Subcommittee. The Subcommittee was looking at different ways to enhance outreach to increase participation. Initially the thought was to go through the RFP process to hire a consultant to develop a comprehensive outreach plan that was funded at \$150K-200K. Since there wasn't consensus, a proposal was made by the City of San Jose to use sports franchise outreach as a platform to achieve the same goals for HHW outreach. The City of San Jose made a presentation to the Subcommittee similar to the one made to TAC today. The recommendation is to 1) increase diversion to the HHW program; 2) include a safety portion; and 3) have a watershed protection aspect. A cost sheet was distributed that showed each cities' contribution amount for one year, based on households. The commitment proposed would be an annual contribution for a two year commitment to include FY16-17 and FY17-18. For clarification, those jurisdictions that receive a check would likely see a reduction in the amount and those that augment would likely need to increase the amount in order to move forward.

There was some concern about needing to take an amendment to city councils and having enough time to implement the outreach before the end of FY16-17. Additionally there was concern about the outreach being too City of San Jose centric. It was also pointed out that this will only move forward if all jurisdictions participate. If one decides not to participate, then their costs would be shared by the remaining jurisdictions.

Lori Topley made a motion to allocate \$150K for FY17-18 only in the HHW Agreement to partner with the San Jose's Sports Team Outreach. The HHW staff will be directed to develop an MOU with the City of San Jose for that purpose. The motion was seconded and all present voted to approve except the Cities of Cupertino and Palo Alto who abstained.

Rob D'Arcy provided an update on the pharmaceutical product take-back stewardship plan which was due on July 23. He said he did receive a plan from the Pharmaceutical Product Stewardship Working Group (PPSWG) which has designated the Santa Clara County Med Project LLC as their implementation arm for carrying out their plan. Rob is working on a notice of determination, which needs to be approved by the County Executive and County Counsel, for conclusion by October 23, 2016.

Some initial concerns included that the plan excluded certain products like epi-pens and inhalers and did not include any alternative method of managing those. There appears to be a deficit in collection opportunities to meet the required convenience standard identified in the ordinance. Another potential area of deficiency is in outreach, where the plan focused only on SF media outlets and none in the South Bay. Producers also want the ability to encourage in-home disposal as an option by mixing the medication with kitty-litter and putting it into the garbage as part of the public education component. The plan names Stericycle as the vendor and there are concerns about the level of service able to be provided.

After the notice of determination, in the event of plan rejection, PPSWG will have sixty (60) days to remedy any deficiencies. On December 23, enforcement penalties can be applied to the manufacturers if a plan has not met the acceptance criteria in the ordinance.

Santa Clara Valley Water District awarded a grant to the California Product Stewardship Council to recruit and educate residents about pharmaceutical disposal. The County is in receipt of a pricing schedule from Stericycle for serving independent pharmacies at potentially up to fifty retail locations Countywide with the County supporting the cost of disposal until the transition to the producers, hopefully around December 23.

D. Legislation –The legislative report was sent out.

E. Operations – Did not meet.

F. Public Education – Karin Hickey said info on Save the Food Campaign was sent out which has the RWRC logo. There is an opportunity to add a fourth logo if jurisdictions want to add their logo free of charge. The billboard and bus shelter ads will be printed as needed and will be placed when there is no paid advertising. Clear Channel is donating the unused space. A question was asked if anyone was writing an article for a newsletter that can be shared. Karen Gissibl said she will likely include an article for Sunnyvale and would be happy to share it.

G. Source Reduction and Recycling – Did not meet.

10. IC Update

Did not meet.

11. Items for Future Agenda/ Guest Speakers

Illegal Dumping and ReThink Disposables (brown bag) are scheduled for October.

It was noted that an intern at Palo Alto did some research on illegal dumping at the clothing donation boxes and may be able to attend that meeting and provide input.

12. Informational Updates and Announcements

Cecilia Rios said GreenWaste did a video on yard trimmings which is on the City's website. It shows what happens from start to finish with the loose (on the street) yard trimmings. They also have a partnership with SJSU football team for outreach in the fall. Staff worked on a 'what works' with the large item program outreach tactics using two postcard mailed notices: 1) you've been selected for a free large item collection (although it is free program) vs. 2) did you know it costs \$87 to clean up illegal dump sites? The 'you've been selected' campaign was very successful.

Matthew Krupp said Palo Alto's Phase I of the recycling/composting ordinance in which all commercial customers with eight cubic yards or more of weekly garbage service, all food establishments and all multi-family units are fully compliant.

Lou Ramondetta announced his company Surplus Services took out grass and replaced it with wood chips.

Karen Gissibl said they go to Council on September 20 for split cart for the food scraps program.

13. Adjournment

The meeting adjourned at 3:16 p.m.

THE NEXT SCHEDULED TAC MEETING: October 13, 2016

**SIXTEENTH AMENDMENT TO THE
COUNTY OF SANTA CLARA
COUNTYWIDE NONDISPOSAL FACILITY ELEMENT**

Introduction

California Public Resources Code (PRC) Sections 41730 et seq., require California cities and counties to prepare and adopt a Nondisposal Facility Element (NDFE) for all existing or proposed nondisposal facilities which will be needed to implement local Source Reduction and Recycling Elements. A nondisposal facility is any solid waste facility required to obtain a solid waste facility permit except a disposal facility or transformation facility (PRC Section 40151).

In 1994, the County of Santa Clara's Integrated Waste Management Program prepared the Countywide NDFE for adoption by the cities of: Campbell, Cupertino, Gilroy, Los Altos, Milpitas, Monte Sereno, Morgan Hill, Mountain View, San Jose, Santa Clara, Saratoga, and Sunnyvale; the towns of Los Altos Hills and Los Gatos; and the County of Santa Clara Unincorporated Area. The City of Palo Alto prepared and adopted its own NDFE. In March 1997, the First Amendment to the Countywide NDFE was prepared by the IWM Program for use by jurisdictions as necessary. The Second Amendment was approved in July 1997; the Third in September 1998; the Fourth in December 1999; the Fifth in May 2000; the Sixth in December 2003; the Seventh in August 2009; and the Eighth in February 2010; and the Ninth Amendment (which was a collection of the Ninth, Tenth and Eleventh combined) in March 2011; and the Twelfth Amendment in November 2011. With the change in amending NDFEs pursuant to AB341 (Chapter 4.5, Statutes of 2011, Chesbro, AB341), CalRecycle updated the NDFE to include the Thirteenth in January 2014; the Fourteenth in March 2014; and the Fifteenth in June 2014.

The Countywide NDFE identifies transfer stations, material recovery facilities, yard waste composting facilities, and landfills necessary to implement local waste diversion goals.

The Sixteenth Amendment to the Countywide NDFE

Leo Recycle is in the process to apply for a Registration Tier permit from the City of San Jose Local Enforcement Agency (LEA). This Sixteenth Amendment to the Countywide NDFE (Amendment) is necessary in order for the LEA to find the proposed facilities in conformance and for the permit applications to be accepted as complete.

Maps and fact sheets for these facilities are attached as pages 68 – 69 of the amended NDFE.

Due to the change in amending NDFEs pursuant to AB341 (Chapter 4.5, Statutes of 2011, Chesbro, AB 341) there are no longer specific regulatory requirements for public noticing or approval that a jurisdictions must follow. As indicated by PRC Section 41735 (a), adoption of the Amendment is not subject to environmental review under the California Environmental Quality Act (CEQA). The Amendment supersedes and replaces the Fifteenth Amendment as the NDFE for the County of Santa Clara Unincorporated Area. It may be adopted by other jurisdictions.

**Fact Sheet # 33
Leo Recycle
San José, California**

TYPE OF FACILITY:

Medium Construction and Demolition/Inert Debris Processing Facilities ($25 \text{ tpd} \leq x < 175 \text{ tpd}$)

Lam Hauling, Inc. (DBA: Leo Recycle) proposes to operate a Registration Tier Permitted CDI Facility on this property. The facility consists of one half (25,000 square feet, designated Suite 10) of the building located at 215 Leo Ave (50,000 square foot building). The second half of the building (Suite 20) is operating independently as a Recycling Center, as defined by CalRecycle. Both Suites have access and utilize the same entrances, exits, parking, roads, and scale.

Leo Recycle accepts Construction & Demolition debris, Inert debris, Green waste. Materials are inspected and weighed prior to receipt. Once accepted, materials are deposited into designated piles and/or sorted, before being transported to their appropriate processing facilities. Residual materials are transported to permitted landfills.

FACILITY CAPACITY:

175 tons per day maximum volume of CDI material received.

ESTIMATED DIVERSION:

All clean source separated material type received will be segregated and delivered for reuse or recycling. All co-mingled CDI materials received will be sorted, processed, separated, and delivered to other CDI processing certified facilities, and permitted landfills. Material transferred from facility is anticipated to be delivered to facilities both within and outside of Santa Clara County for recycling, reuse, processing of materials, and residue disposal -- including Merced County and Solano County. Diversion from landfilling of materials received is estimated to be in excess of 60%.

JURISDICTIONS SERVED:

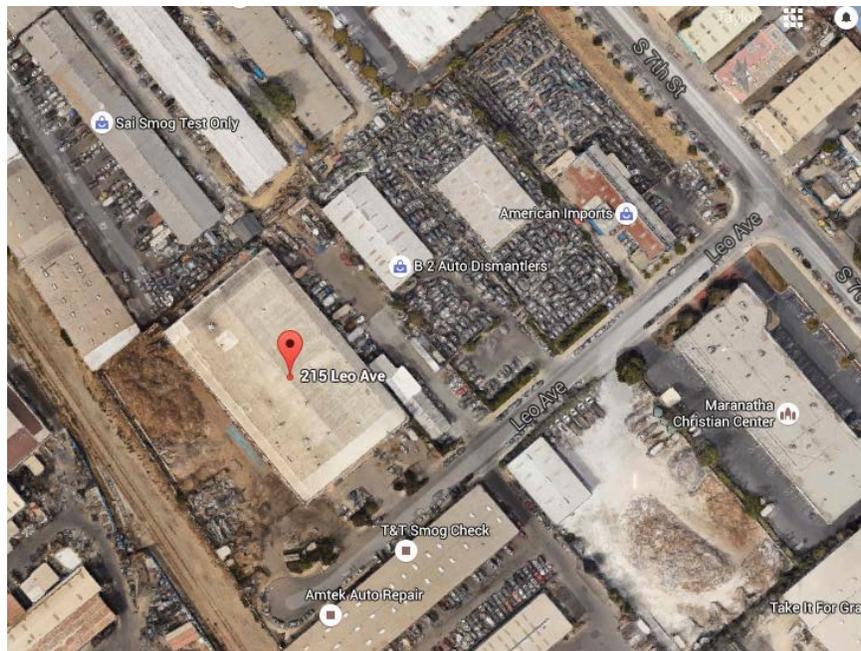
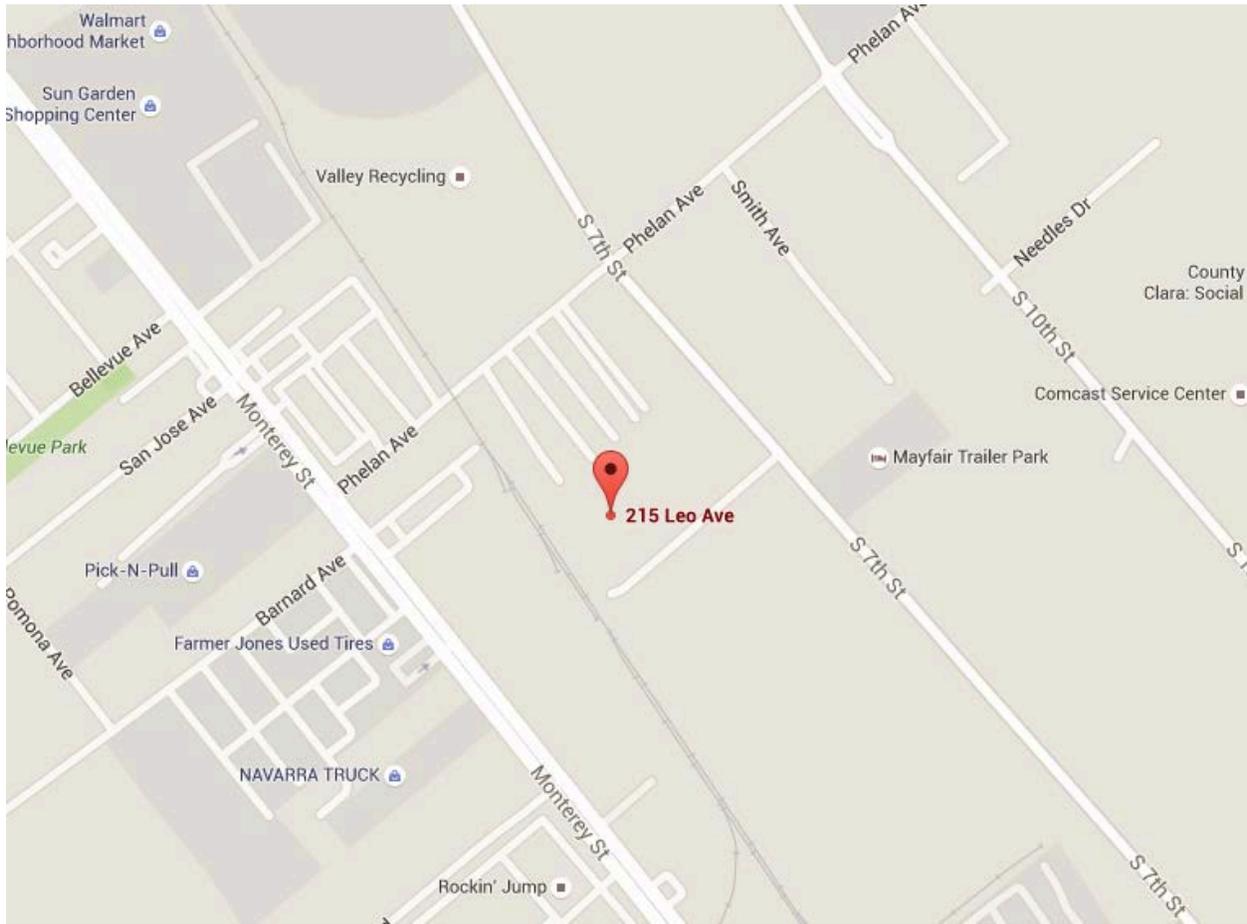
This facility will be available to serve the City of San Jose, surrounding municipalities, and the unincorporated areas of Santa Clara County.

LOCATION:

The facility is located 215 Leo Ave, San Jose, CA 95112. It is zoned as Heavy Industrial and conforms to its surrounding urban pattern. See attached map.

MAP OF LEO RECYCLE

215 Leo Ave
San José, CA



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 Santa Clara County		County(s) [if a RAIWMP Review Report] Santa Clara County	
Authorized Signature		Title Program Manager	
Type/Print Name of Person Signing Bill Grimes		Date	Phone (408) 918-1967
Person Completing This Form (please print or type) Clifton Chew		Title Management Analyst	Phone (408) 282-3167
Mailing Address 1555 Berger Drive, Suite 300	City San Jose	State CA	Zip 95112
E-mail Address Clifton.Chew@cep.sccgov.org			

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SECTION 2.0 BACKGROUND

This is the 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):

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

Additional Information (optional)

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 June 22, 2016 LTF meeting. electronically (fax, e-mail) other (Explain):

- b. The county received the written comments from the LTF on June 22, 2016.
- c. A copy of the LTF comments
 is included as Appendix A.
 was submitted to CalRecycle on _____.

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

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

Section 4.1 Changes in Demographics in the County or Regional Agency

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 1990:¹

- The demographic changes since the development of the CIWMP do not warrant a revision to any of the countywide planning documents. Specifically, since 1990, the population of Santa Clara County has increased by approximately 390,000 or about 26.18% growth. Jurisdictions with smaller populations like Monte Sereno (4.99%) and Saratoga (9.76%) did not experience high growth rate due to areas already developed and limited space. Cities like Morgan Hill (74.60%) and Gilroy (68.23%) experienced high growth with developing areas and room for growth. The Unincorporated area (-17.89%) of the County has negative growth rate due to annexations.
- 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)

The population growth in the County has been mitigated with the addition of numerous non-disposal facilities that have been added to the Non-Disposal Facility Element over the past five years. Additionally, more and better curbside recycling programs and organics programs Countywide have seen diversion increase despite the population increase.

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.

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

- 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 strategy² for obtaining 15 years remaining disposal capacity.
- The county does not have 15 years remaining disposal capacity and the Siting Element does not provide a strategy² 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, the County continues to have greater than 15 years disposal capacity. The development, implementation and adoption of diversion programs (in

² 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 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.

addition to zero waste goals, AB341 and AB1826 both prompt jurisdictions to divert material from commercial activities) previously and the established by all jurisdictions help extend landfill capacity and will continue to do so as these programs and outreach, help the community understand and buy into the zero waste concept and alternatives to landfilling waste.

- 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)

Newby Island Landfill currently accepts about 60% of the County's waste and has listed 5-7 years site life is currently undergoing a permit process for expansion. If the expansion goes through, then the site life will be extended to 20-25 years. If the expansion is denied, the calculation estimates splitting the material among the remaining two landfills within the County. The volume of material to each site would almost double their current volume which would decrease the site life by half. This reduction would be estimated at 20 some years which is greater than the 15 years for a Siting Element revision.

With AB1826, jurisdictions have begun making organic waste collection mandatory in the commercial sector while increasing the organic fraction collected on the residential side by allowing food waste to be placed in the yard waste cart. To accommodate the new organic waste, current facilities have begun composting operations. Additionally a new anaerobic digester facility began operating December 2013 and accepts about 400-500 tons a day Monday-Friday and 100-200 tons on Saturday.

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:

- _____

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. Specifically, funding is maintained through Solid Waste Planning Fee of \$0.78 per ton on waste that is actually landfilled.

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)

Section 4.4 Changes in Administrative Responsibilities

The county has not 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):

- _____

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. Specifically, since the last Five-Year Report was submitted in 2011, no changes have occurred in the administration of the CIWMP. Each city and the County (for the unincorporated area) implements and oversees its own AB 939 programs and the County oversees Countywide diversion programs.
- 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)

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, existing SRRE and HHWE goals, policies and objectives remain consistent with requirements of the PRC. Existing and selected programs for each SRRE and HHWE are review at least annually by local jurisdictions. Nearly all programs have been implemented countywide. The Electronic Annual Report (EAR) for the County and each city are up to date. Although there have been some changes in program implementation, schedules, costs, and results, those changes are not significant.
- 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)

Pacheco Pass Landfill and Palo Alto Landfill have closed. As a result of our diversion efforts and improvement of new technology, landfill capacity in the County remains greater than 15 years.

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):

Analysis

- There are no significant changes in available markets for recycled materials to warrant a revision to any of the planning documents. Specifically, the markets listed in the previous Five-Year Report still exist and continue to serve all the jurisdictions within the County (exception of BayMax which CalRecycle discontinued).
- 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:

Analysis

- There are no significant changes in the implementation schedule to warrant a revision to any of the planning documents. Specifically, all fifteen cities and the County unincorporated area have implemented and continue to run multiple programs to maintain and increase diversion (e.g. Zero Waste).
- 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:

Analysis

Funding for HHW Services

The current AB939 Fee of \$4.88 per ton generates approximately \$6.45 million in revenue in FY2015. Approximately \$3.4 million of this revenue (\$2.60 per ton) fund Countywide HHW services. However, the HHW portion of the AB939 Fee does not fund an optimum level of HHW services. Instead, it reflects the consensus of city representatives regarding an acceptable fee level. Cities desiring a higher level of service augment the funding provided by the AB939 Fee.

HHW Facilities

The HHW operates two permanent facilities located in the City of San Jose and the unincorporated area. HHW collection events are held at these facilities and at temporary locations throughout the county. The San Jose facility began operations in September 2014 which replaced the previous facility that had lost its lease. The facility located in Sunnyvale closed in June 2015 and is replaced with temporary events.

RWRC and Jurisdictional Activities

The Recycling and Waste Reduction Commission (Local Task Force) has been working on progressive issues. Following the extended producer responsibility resolution adopted in 2007,

the County of Santa Clara Board of Supervisors adopted an ordinance June 23, 2015 requiring drug manufacturers to develop, operate, and fund a program or programs to safely and properly dispose of County residents' unwanted pharmaceuticals.

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)
