



County of Yolo

Taro Echiburú, AICP
DIRECTOR

WASTE ADVISORY COMMITTEE

c/o DEPARTMENT OF COMMUNITY SERVICES
DIVISION OF INTEGRATED WASTE MANAGEMENT

MINUTES OF THE YOLO COUNTY WASTE ADVISORY COMMITTEE MEETING OF May 24, 2018

Carol Scianna called the May 24, 2018 meeting to order at 3:30 p.m. Those present were:

Members: Carol Scianna, Richard Tsai, Larry Fisher, Michael Fan, Paulina Benner

Staff: Marissa Juhler – Yolo County DCS, DIWM
Pam Hedrick – Yolo County DCS, DIWM
Ramin Yazdani – Yolo County DCS

Guests: Justina Vega - Recology
Scott Chamberlain – Waste Management
Ken Loman – City of Woodland
Jennifer Gilbert – City of Davis

Absent: Mike McDonald, John Geisler, Dave Powell, Chris Crum; Rosie Ledesma

Introduction

Introductions were made around the room.

Public Comment

No public comment

1. Consent Agenda

Approve Meeting Minutes for April

MOTION: Richard Tsai moved to approve the April minutes

SECOND: Michael Fan

MOTION: Passed

ABSTAINED: Paulina Benner

2. Regular Agenda

Yolo County – Marissa Juhler

- WAC Vacancy – At our last meeting we talked about the vacancies for the industry position and the special district position. The Board of Supervisors approved Scott Chamberlain from Waste Management to fill the industry position with the intent to rotate this spot with Recology every four years. Should other haulers start servicing Yolo County, they will be considered for this rotation in future years.
- Special District interest - Over 100 letters were sent out to special district members however only one application was received from an individual in Knights Landing who has no background in solid waste or recycling and one phone call from the Clarksburg Fire District asking for a time extension to consider filling the role. The County extended the application deadline to June 9.
- Pharmaceutical and battery collection will be moved to the June 5th board meeting. We will not be billing any of the cities for the pharmaceutical collection portion of our program for FY17-18. Pharmaceutical billing will become effective July 1, 2018.

Davis – Richard Tsai

- Davis is getting ready for the annual move out program – recruiting volunteers and interns to help out with this program.

Winters – Carol Scianna

- Hosted bulky waste event at the end of April. Over 600 tires came through event from Winters residents and over 1,412 tires were brought in overall.

Woodland – Ken Loman

- Past events – Booth at the Honey festival. We're able to hand out about 150 kitchen pails to help promote our organic recycling program. Promoted used oil and oil filter recycling at the Street Cruiser Car Show by hosting booth and giving out funnels and rags.
- Woodland is in the process of hiring an intern to help with the organics program. This program will be rolled out to all schools in our District.

UC Davis – Michael Fan

- UC Davis is also ready for the move out and working on repairing the biodigester tank.

3. MAC (Meeting of Area Coordinators) Update

Marissa Juhler

- CalRecycle Update: The OPP program has changed the allowable expense portion to limit the rebate on filters to \$12 per filter. Since our rural farmers whose use this program average a cost of \$20 to \$80 per filter, the County is looking to end this program. The cities also feel the program is becoming too burdensome and may also look for alternatives on how to spend OPP funding.

4. SB 1383 Discussion and Comment Letter – Action Item

Marissa Juhler

- SB 1383 is a very important regulation that will heavily impact our jurisdictions. This regulation is focused on organics implementation. The good faith effort will no longer be acceptable and is not negotiable. The draft language stated in these regulations will impact us all significantly enough that we should all be voicing our concerns. We are also very concerned about the proposed cart color requirements. The language we're proposing is that the color of the lid be consistent statewide, not the color of the cart. The cost to Yolo County and its jurisdictions to swap out carts with the proposed language would be around 9 million dollars.
- *Article 9 – Locally Adopted Standards and Policies – this was highlighted to bring attention to the wording and something that should be talked about.*
 - Comment – Richard Tsai – Suggest that we ask Cal-Recycle to strike article 9 altogether which addresses us restricting organic waste imported from outside of the jurisdiction.
- Motion: Richard Tsai – Changes to the letter as amended
Second: Michael Fan
Passed

5. Cities Waste Flow Agreement Regulatory Change Cost Pass – Through

Ramin Yazdani

The PowerPoint presentation (see attachments-presentation and other handouts) that is to follow will go over the landfill's history and show the CPI adjustments and regulatory changes.

The background of the landfill – Waste disposal agreements require County to notify UCD & Cities regarding future regulations that can increase waste disposal cost.

- Landfill history at Yolo County Central Landfill – Between 1978 – 1989 Unit 1 through 5 were filled. The first new synthetically lined landfill module was constructed in 1990. Between 1993 to 1996 Landfill units 6A, 6B, and 6C were constructed. Between 1999 to 2002 County constructed Unit 6D phase 1 and Phase 2 (20 acres) landfill modules (bioreactor Landfill) for waste disposal.
- In 2004 County proposed year-round filling of waste in landfill unit 1 through 5 to the Regional Water Quality Control Board (RWQCB) and received approval.
- Resulted benefits:
 - Additional waste placement on top of old modules (14 years of waste filling-over 2 million tons of waste.) Funds from additional waste were used to pay for construction of landfill closure:
 - Closed units 1, 2 and 3 between 2007 and 2015
 - Closure of Unit 4 & 5 will be in 2019
- Landfill WDR (Waste Discharge Requirements) requires 5-foot separation between the lowest elevation of the landfill and highest anticipated groundwater. Since 1990 County has been operating a groundwater extraction and pumping system (16 extraction wells and a deep slurry wall). County also treats the pumped groundwater for naturally occurring boron and selenium using phytoremediation (plants).
- Between 2011-2014 the County hired a groundwater consultant to develop a groundwater model for future landfill design.
- Based on the recent groundwater data and model results, the primary landfill liner for future landfills can be installed at an elevation of 22 feet msl without groundwater pumping.
- Between 2014–2016 the County's consultant worked with RWQCB to verify model via field groundwater pump testing and model calibration.
- The new WDR issued by RWQCB in 2016 requires that all future landfills constructed to a depth less than 22 feet msl will require additional operation and maintenance.
- This would be required until the waste no longer poses a threat to water quality.

Landfill Construction Regulation

- County would be required to maintain financial assurances with CalRecycle in at least the additional amount of post-closure maintenance required to maintain groundwater separation for a minimum of 450 years or until the waste within the associated WMUs no longer poses a threat to water quality.
- County would establish a perpetual fund whereby only the interest earned in the fund is utilized to cover post-closure maintenance costs.
- Based on modeling, future groundwater pumping rate to control groundwater elevation in new units will be increase from current an average of 100 gallons per minute (gpm) an average of 1,000 gpm.

- In 2018 the county hired a consultant to evaluate cost of: a) pumping and treating the groundwater; b) no pumping but construct landfill at an average elevation of 5.5 ft higher than previously projected.
- County is also looking into acceptance of Cache Creek Settling Basin soil as part of fill material.
- Best option identified was no pumping option
- New regulatory requirement without pumping will:
 - Reduces the total life of the landfill
 - Increases landfill construction cost
 - Requires additional borrow source for operations

New Proposed Fee Change (see attached handouts)

- New fee structure to promote diversion & recycling
- Waste General \$60
- Waste City Contract rate \$50.65
- Green waste \$54
- C&D waste \$57
- Food/Green Waste \$62

6. Compost Facility and Digester Update

Ramin Yazdani

- The Anaerobic Composters are set to be completed at the end of this year. Northern will not be able to get all the money allocated from the bank because of the lack of waste flow commitment. We put a letter of interest together for the cities.
- Currently the cities have other places that they are taking their green waste. Northern contract has been extended for another year with several rates. One rate would be to take the waste to Zamora if the green waste is clean the other rate would if the load is contaminated with food waste. Third option would be to transfer the waste, grind it and take it to the digester.
- Northern will be using a space of about 300 x 300 area covered with concrete on the top of the landfill close to the digester. Where they could just grind the green waste and put in it directly into the digester. This will help lower the cost of transportation and labor. This area still needs to be confirmed between the landfill and Northern.
- The other option would be taking all the waste from Zamora and bringing it to the landfill.

7. Draft Fee Changes

Ramin Yazdani

- New proposed fee changes, this year the general waste, not coming from the contracts will be going up to \$60 a ton. Waste from the cities with a contract will be going up to \$50.65 a ton. Clean green waste (no food items) will stay the same at \$54 per ton. C&D will be keep lower so we can promote more diversion from the landfill. Food/Green Waste will be higher because currently we have to transport this to Napa until the end of this year when our digester will be completed.

8. Member Questions

None

9. WAC Long Range Calendar

Marissa Juhler

- (June – December)

Meeting Adjournment

Meeting was adjourned by Carol Scianna at 4:30 p.m.

Next Meeting

The next meeting of the Yolo County Waste Advisory Committee is scheduled for June 28, 2018 at 3:30 p.m. in the Conference Room of the Yolo County Central Landfill.

Carol Scianna, Chair
Yolo County Waste Advisory Committee

Rose Cook

Prepared By: Rose Cook