



ZERO WASTE ADVISORY COMMISSION

CONSTRUCTION & DEMOLITION ORDINANCE REFORM COMMITTEE

WEDNESDAY AUGUST 25, 2021 MEETING SUMMARY

Presented to ZWAC Wednesday October 13th, 2021

Meeting Summary

ZWAC Attendees: Cathy Gattuso, Amanda Masino, Ian Steyaert

- Citizen Communication
 - 3 speakers—representing a local recycling business & industry organizations
 - Expressed opinions about RCI reporting vs. self-reporting
 - Continued discussion re: intent of C&D rules vs. URO regarding burning wood and using as cover (ADC)
- Approved April 23, 2021 minutes
- New Business
 - Briefing by Recycling Certification Institute (RCI) staff on the organization and certification process. – Stephen Bantillo

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RCI/CORR PROTOCOL

ZWAC – C&D Meeting

City of Austin, TX

August 25, 2021

Stephen M Bantillo
Executive Director
Recycling Certification Institute



What is CORR?

- Protocol Created by CDRA
- 3rd-party C&D facility certifications
- Protocols developed with industry input
- RCI protocols, procedures, and methodologies
- Transparency / Confidence

Process

- Registration
- “Application for Certification”
- Desk Audit
- Trained RCI Evaluators
- Onsite Evaluation = Verification
- Processes, records, and reports of the facility.

Risk-Based Assessment

- Permits
- Frequency of Scale Calibration
- Training of Facility Personnel
- Maintenance/Operation of Equipment
- Use of EMS or Other Data Management
- QA/QC of Data Collection Process
- Data Calculations
- Markets and Sales of Materials

Evaluation Report

- Facility Overview
- Development of Evaluation Plan
- Criteria
 1. Regulatory Compliance Test
 2. Use of Scales
 3. Supporting Data for Rate Calculations
 4. Data Transcription and Management
 5. Individuals Properly Trained
 6. Performance Standard Test (5%)
- Evaluation Statement Overview

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Certified Facilities



The recycling firms in this list have been evaluated by third-party evaluators and are certified as reporting accurate, transparent, and reliable recovery, use and recycling rates according to the protocols and standards of the Recycling Certification Institute.

Qualified LEED projects that deliver their C&D materials to these facilities can apply for an additional LEED Pilot Credit point. RCI's CORR Protocol meets the requirements of this Pilot Credit.

RCI Certified Facilities/Lines

A - B - C - D - E - F - G - H - I - J - K - L - M - N - O - P - Q - R - S - T - U - V - W - X - Y - Z

View By State

FACILITY NAME	CONTACT INFORMATION			
Broad Run Recycling 9220 Developers Drive Manassas, VA 20109 www.Broadrunrecycling.com	Kevin Herb 571-292-5333 KHerb1956@aol.com			
PROCESS LINE	REVIEWED BY	12 MO REC	12 MO RUC	REPORTS
		KATE AVG	KATE AVG	
		W/D/C	W/D/C	
Mixed C&D Recycling	Stephen Benillo 10/01/2014	98.25%	98.25%	View Report Evaluation Report
Dem-Con Recovery & Recycling, LLC 13020 Dem-Con Drive Shakopee, MN 55379 www.dem-con.com	Ben Wetzell 952-224-7111 benwetzell@dem-con.com			

Latest News

RCI's Executive Director to appear on TalkWithGreenGuy.com November 4th

Posted on November 4, 2014

Tune in tonight, Ted Roan, Green Director of YouthBuild talks about how they take "at risks" 16-24, help them get their GED's while they work full time building affordable energy efficient homes "greening" communities across the country. Then, Executive Director, Stephen Benillo, of the Recycling Certification Institute takes us inside the world of C&D (construction ...

[Read More](#)

RCI and Green Halo Systems at Greenbuild 2014 in New Orleans

Posted on October 20, 2014

Are you going to Greenbuild in New Orleans? RCI and Green Halo Systems will be there! Please be sure to stop by and see us in Booth 1416 in the Exhibit Hall. We're excited to be able to provide demonstrations on our reporting/tracking systems as well as discuss the new LEED Pilot Credit (MRpc87) for ...

[Read More](#)

Now is the Time to Get Certified, Before the Competitors Do

Posted on August 28, 2014

Great article in the July/Aug 2014 edition of C&D

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Florin Perkins Public Disposal Site - C&D Sort Line

Facility Profile & Report

Facility:

Map:

Company Logo:

Florin Perkins Public Disposal Site

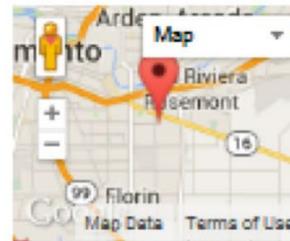
4201 Florin Perkins Road
Sacramento, CA 95826

Main: 9164435120

Web: www.florinperkins.com

Contact: Aaron French

Email: aaron@zankerrecycling.com



Facility Type: C&D Recycling Facility

Scales: Certified, 2

Other Services: Debris Box, Hauling

Permits: SWA Certified C&D Certified, Contra Costa County Certified, City Of Folsom C&D Certified, Land Use Entitlement, Solid Waste Facility Permit

Associations: USGBC, CRRA, Sacramento Regional Builders Exchange, Sacramento Area Trade Commerce Organization

Hours:

Monday - 6:00 am to 4:45 pm

Tuesday - 6:00 am to 4:45 pm

Wednesday - 6:00 am to 4:45 pm

Thursday - 6:00 am to 4:45 pm

Friday - 6:00 am to 4:45 pm

Saturday - 8:00 am to 3:45 pm

Sunday - 8:00 am to 3:45 pm

Facility Gallery



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Florin Perkins Public Disposal Site

4201 Florin Perkins Road

Sacramento, CA 95826

www.florinperkins.com

Aaron French

 916-443-5120

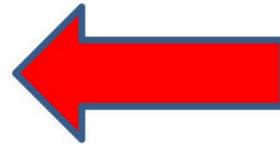
aaron@zankerrecycling.com

PROCESS/LINE	REVIEWED BY	12 MO REC RATE AVG W/ADC	12 MO REC RATE AVG WO/ADC	REPORTS
C&D Sort Line	Stephen Bantillo 08/04/2014	82.18%	62.56%	View Report Evaluation Report



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[View Detailed Report](#)



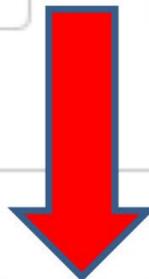
Current Facility 12-Month Recycling Rate:

Recycling Rate with ADC

82.06%

Recycling Rate without ADC

62.45%



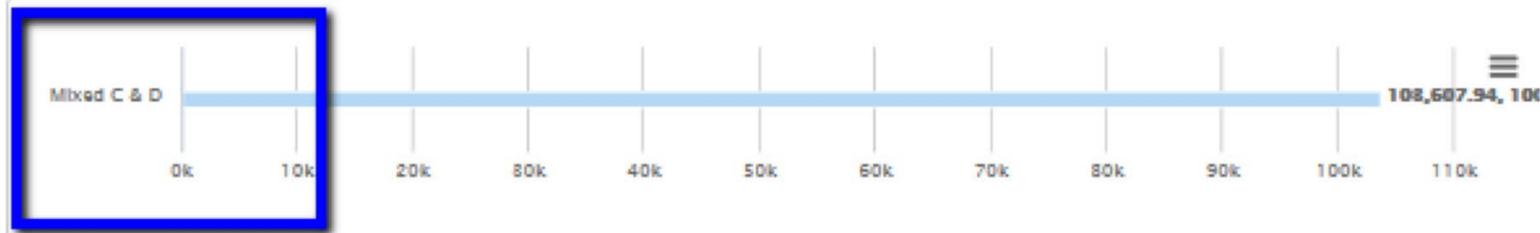
Facility Data for: **Feb 2014 - Jan 2015**

12 Month Recycling Rate Average 82.06%

	2014											2015
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Rate w/ ADC	80.78%	82.61%	83.31%	85.85%	83.05%	84.28%	82.38%	82.67%	82.67%	81.62%	75.57%	79.95%
Rate w/o ADC	61.32%	58.69%	66.69%	67.34%	63.10%	60.58%	61.59%	62.70%	64.57%	66.43%	53.07%	63.37%

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Inbound Materials

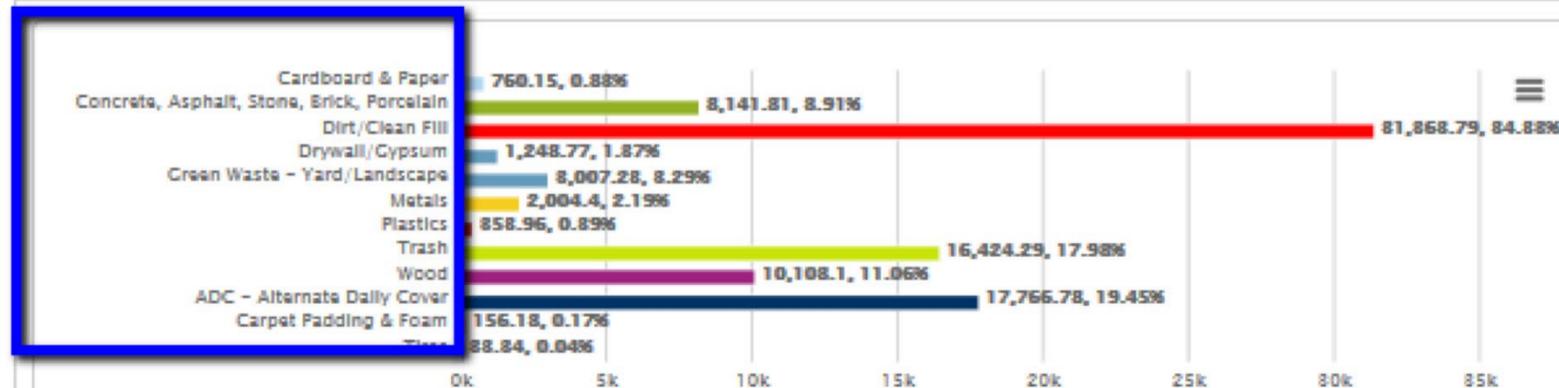


Facility Data for: Feb 2014 - Jan 2015

12 Month Recycling Rate Average 82.06%

Materials	2014											2015
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
Mixed C & D	4,457.78	5,247.52	6,840.84	7,945.79	8,018.24	7,985.28	8,698.94	12,109	10,280.78	8,670.26	8,051.45	15,857.61
TOTAL	4,457.78	5,247.52	6,840.84	7,945.79	8,018.24	7,985.28	8,698.94	12,109	10,280.78	8,670.26	8,051.45	15,857.61

Outbound Materials



Why Important

- Transparency
- Independent and Objective Assessment and Performance Audit + Evaluation Report
- Competitive Advantage -- Level Playing Field
- Enforcement
- Local Govt – Ordinance Variations and Reporting

Why Important

- National Standard
- USGBC
- CALGreen
- C&D Industry Demand
 - Builders/Developers/Architects/LEED AP
- Focus on Performance

NEXT SECTION

- Facility Engagement
- Certification
- Costs

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Audited. Validated. Certified.



Certification Process



Requirements



Get Started

Welcome to RCI

The re-use of Construction and Demolition (C&D) waste materials reserves more raw

Latest News

RCI's Executive Director to appear
on TalkWithGreenGuy.com

Registration / Certification

- **REGISTRATION** allows a facility to upload its information
- *Not Audited, only self-reported*
- **CERTIFICATION** includes audited/verification and evaluation of data and operational processes

Types of Certification

- FULL / CONDITIONAL
- SINGLE or MIXED MATERIAL
- MSW and MIXED MATERIAL COMBINED
- Application Process....

Certification

- Application for Certification
 - Narrative, Spreadsheets, Data files
- Reporting
 - Monthly, Warning Notices, Public Access

Certification / Re-Cert Cycle

- Certification for 5-years
- Initial Certification Year 1
- Recertification Years 2 – 5
- New Certification Year 6

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Cost

Facility Service	Rate
Registrations	\$400
Certification -- Mixed (CDRA member)	\$7,000
Certification -- Mixed (non-member)	\$8,000
Certification – Single (CDRA member)	\$2,500
Certification – Single (non-member)	\$3,500
Re-Certification – Mixed	\$3,500
Re-Certification – Single	\$1,000

Standard Rate Calculation

Facility Incoming Tons	950		
Recovered Commodities (A)	600	Recovery Rate with ADC = $(A + B) / D$	$600 + 250 / 1000 = 85.0\%$
Alternate Daily Cover (B)	250		
Trash (C)	150	Recovery Rate without ADC = A / D	$600 / 1000 = 60.0\%$
<hr/>			
Total Tons across the Line (D)	1000		

Q&A

- Focus on Performance
 - Infrastructure
 - Revenues
 - Sustainability Goals
 - Jobs
- CALGreen and local ordinances

Information

- stephen.bantillo@gmail.com
- <https://www.recyclingcertification.org/>
- <https://greenhalosystems.com/>

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Future Agenda Items

Next meeting TBD

- Propose working group to allow us to meet more frequently
- Would like staff input re: other cities' C&D rules
- Discuss key decision points re: requiring/subsidizing certification, allowing wood as fuel & ADC
- Enforcement update
- Material end markets that are realistic and environmentally sound
- Continued C&D ordinance education