

**MOJAVE DESERT AND MOUNTAIN RECYCLING
JOINT POWERS AUTHORITY**

REGULAR MEETING
THURSDAY, FEBRUARY 10, 2022
10:00 A.M.

TELECONFERENCE NOTICE

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act., the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-29-20 issued on May 5, 2020, that allows attendance by members of the Board and the public to participate and conduct the meeting by teleconference.

NOTICE TO THE PUBLIC: To participate please sign in via the link below.

Join Zoom Meeting

<https://us02web.zoom.us/j/81996121755?pwd=ZWFWQTdBSjBkcGVJMzhwUUtlNnIwQT09>

***Directions for hyperlink – highlight line above and right click, select open hyperlink and it will take you directly to the meeting. If it requires the ID or Passcode, they are below.

Meeting ID: 819 9612 1755

Passcode: JPA

One tap mobile

+16699009128,,81996121755#,,,,*766470# US (San Jose)

Questions/Issues call (760) 955-5217.

CALL TO ORDER AND ROLL CALL

PLEDGE

1. Resolution 2022-01.

Recommendation: Adopt Resolution 2022-01.

CONSENT CALENDAR

2. Request to Approve the Consent Calendar as follows:

A. Minutes of the Board Meeting held November 4, 2021.

Recommendation: Approve consent calendar.

PUBLIC HEARING ITEMS

None

DISCUSSION/ACTION ITEMS

3. SB1383 Program Tracking Software.

Recommendation: Initiate an agreement with Recyclist to provide SB 1383 program tracking services.

4. Memorandum of Understanding FIND Food Bank.

Recommendation: Approve Memorandum of Understanding with FIND Food Bank to provide edible food recovery services.

5. PERMA Liability Program Plan.

Recommendation: Elect to pay PERMA's liability program assessment in five annual installments.

6. Curbside Contamination Final Report.

Recommendation: Accept ReCREATE Waste Collaborative's Residential Recycling Contamination Pilot Project Final Report.

7. Commercial Outreach Fliers.

Recommendation: Information on commercial fliers and posters.

PUBLIC COMMENTS

8. Public comment on items of interest to the public.

BOARD MEMBERS COMMENTS

9. Comments by members of the Board of Directors.

DATE OF NEXT MEETING

THURSDAY, MAY 12, 2022

ADJOURNMENT

**MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE
JOINT POWERS AUTHORITY**

AGENDA MATTER

Resolution 2022-01: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MOJAVE DESERT AND MOUNTAIN RECYCLING AUTHORITY CONFIRMING THE CONTINUING STATE OF EMERGENCY PROCLAIMED BY GOVERNOR NEWSOM ON MARCH 4, 2020 AND AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF ITS BOARD OF DIRECTORS FOR THE PERIOD NOVEMBER 4 THROUGH DECEMBER 3 PURSUANT TO NEWLY ENACTED BROWN ACT PROVISIONS

SUMMARY STATEMENT

AB 361 was adopted as an urgency statute allowing continued suspension of Brown Act teleconferencing requirements during a proclaimed state of emergency. The Governor's March 4, 2020 State of Emergency Declaration suspended requirements that each teleconference location be identified in the meeting notice and agenda, and be publicly accessible. That suspension expired on September 30, 2021.

Upon adoption of an appropriation resolution at the beginning of the meeting, the Authority may continue to teleconference without posting teleconference locations or guaranteeing public access to those locations during a declared state of emergency until January 1, 2024. Findings in the resolution include a finding that meeting in person would present an imminent risk to health and safety of attendees.

AB 361 also requires that the notice and agenda include public access and comment opportunities, including call-in or internet access; that the meeting be conducted so as to protect the public's statutory and constitutional rights; and that no action be taken during teleconferencing interruptions. Public access cannot be restricted by requiring advance written comments, but must allow real time and reasonable access.

Resolution 2022-01 addresses AB 361 provisions allowing continued teleconferencing during the proclaimed emergency.

RECOMMENDED ACTION

Adopt Resolution 2022-01

PRESENTED BY	FISCAL IMPACT:	MEETING DATE	ITEM NUMBER
John Davis	Reduced Board mileage payments	February 10, 2022	1

RESOLUTION NO. 2022-01

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE MOJAVE DESERT AND MOUNTAIN RECYCLING AUTHORITY CONFIRMING THE CONTINUING STATE OF EMERGENCY PROCLAIMED BY GOVERNOR NEWSOM ON MARCH 4, 2020 AND AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF ITS BOARD OF DIRECTORS FOR THE PERIOD NOVEMBER 4 THROUGH DECEMBER 3 PURSUANT TO NEWLY ENACTED BROWN ACT PROVISIONS

WHEREAS, the Mojave Desert and Mountain Recycling Authority (the "Authority") is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of the Authority's legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the Authority's legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the Authority's boundaries, caused by natural, technological, or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, such conditions now exist in the Authority, specifically, as the state of emergency declared by Governor Newsom on March 4, 2020 continues; and

WHEREAS, social distancing orders are in place at the state and County level for indoor public meetings and, given the size of the Board meeting room, imposing such social distancing measures could present an imminent risk to the health and safety of attendees and enforcement of such rules could deter participation in a Board meeting; and

WHEREAS, the Board of Directors does hereby find that the combination of the emergency order and the requirement for social distancing has caused, and will continue

to cause, conditions of peril to the safety of persons within the Authority that are likely to be beyond the control of services, personnel, equipment, and facilities of the Authority, and desires to rely upon those orders to allow remote attendance at meetings subject to the requirements of the Brown Act; and

WHEREAS, Board of Directors does hereby find that, commencing with the November 4, 2021 meeting, it is justified in conducting its meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the Authority has and will continue to comply with all other applicable health and safety orders.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE MOJAVE DESERT AND MOUNTAIN RECYCLING AUTHORITY DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Confirmation of Emergency. The Board hereby proclaims that the state of emergency continues throughout the Authority, and meeting in person would be difficult due to the size of the Board meeting room and therefore present imminent risk to those in attendance.

Section 3. Remote Teleconference Meetings. The General Manager and staff are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act. This Resolution applies to all Authority legislative bodies.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective February 10, 2022 until March 12, 2022 and thereafter until such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which all Authority bodies subject to the Brown Act may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Directors of the Mojave Desert and Mountain Recycling Authority this 10th day of February, 2022, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Debra Jones, Chair

Attest:

Linda St. Louis
Board Secretary

**MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE
JOINT POWERS AUTHORITY**

AGENDA MATTER

Consent Calendar

SUMMARY STATEMENT

Request to Approve the Consent Calendar as follows:

A. Minutes of Board Meeting held November 4, 2021.

RECOMMENDED ACTION

Approve consent calendar.

PRESENTED BY	FISCAL IMPACT:	MEETING DATE	ITEM NUMBER
Cambria Carroll		February 10, 2022	2

MINUTES

MOJAVE DESERT AND MOUNTAIN RECYCLING JPA BOARD MEETING

10:00 A.M., THURSDAY, NOVEMBER 4, 2021
VICTOR VALLEY MATERIALS RECOVERY FACILITY (VIRTUAL MEETING)

JPA Board Members Present: Marilyn Kruse (Barstow), Debra Jones (Victorville),
Bynette Mote (Big Bear), Jeff Drozd (Yucca Valley),
McArthur Wright (29 Palms), CJ Porter (1st District)

Others Present: John Davis (Administrator), Linda St. Louis
(Secretary), Cambria Carroll (Victorville), Krys Golly
(San Bernardino County), Julie Ryan (Apple Valley),
Jess Reed (Barstow), Tamara King (San Bernardino
County), Jenele Davidson (Victorville), Guy Eisenbrey
(Apple Valley), Frank Forbes, Craig Schneider,
Richard Crockett (Burrtec), Kody Tompkins

Roll call was conducted. Chair, Debra Jones, called the meeting to order at 10:06 A.M.

Secretary Linda St. Louis led the pledge of allegiance.

1. **Resolution 2021-01.** Resolution 2021-01 was recommended for adoption after two corrections were made; in Section 5, from December 3, 021 to read December 3, 2021, and a correction to the listed Authority referenced under the PASSED AND ADOPTED section from Big Bear Airport Authority to Mojave Desert and Mountain JPA. The motion to approve after these corrections was submitted by Board Member Bynette Mote and seconded by Board Member Marilyn Kruse. This item was approved via roll call vote by all attending Board Members present.
2. **Consent Calendar.** The Consent Calendar was approved on a roll call vote following a motion from Board Member Marilyn Kruse and a second from Board Member McArthur Wright to approve the minutes of the Board Meeting.
3. **PERMA Alternate.** The JPA Administrator John Davis was confirmed as the PERMA Director and the JPA Controller Margaret DeMauro was appointed as the PERMA alternate. Motion to approve this alternate was submitted by Board Member Marilyn Kruse and seconded by Board Member CJ Porter. This item was approved via roll call vote by all attending Board Members present.
4. **California Budget Act of 2021: SB 1383 Implementation Grants.** Authorization was approved for the Administrator to pursue the estimated \$600,000 per capita revenue associated with SB 1383 local grants with a motion submitted by Board Member McArthur Wright and seconded by Board Member Marilyn Kruse. This item was approved via roll call vote by all attending Board Members present.

5. **Update Request for Qualifications: SB 1383 Data Collection, Monitoring, and Reporting.** Authorization was given to request qualifications for the related data collection, monitoring and reporting as required by SB 1383 via a motion submitted by Board Member McArthur Wright and seconded by Board Member Bynette Mote. This item was approved via roll call vote by all attending Board Members present.
6. **California Recycling and Plastic Pollution Reduction Act.** Detailed information was presented by John Davis to include the investment detailed within the Act that qualified for the November 2022 General Election concerning reducing waste, updating recycling, cleaning up polluted communities and the environment, and re-introducing recycled materials into the California economy. This information included the potential for a significant local revenue resulting from the twenty percent (20%) of funds going to local governments, as specified in the Act.
7. **Legislative Update.** Board Administrator John Davis provided the Board an update on SB 343 concerning labeling using the chasing arrow symbol, AB 1201 requiring proper composting labeling, AB 881 reclassifying exported mixed plastic waste no longer being eligible to count toward diversion goals, AB 1276 expanding upon the language concerning plastic straws, AB 962 permitted reusable glass beverage bottles, AB 818 defining non-flushable wipes to be labeled better, SB 619 authorizing a jurisdiction to submit a notification of their intent to comply with SB 1383 regulations by March 1, 2022, and AB 1311 authorizing alternative schedules for beverage container recycling centers.
8. **Public Comments.** None.
9. **Board Comments:**

Board Chair Debra Jones – Thank you to Linda St Louis for over twenty years serving the JPA and over thirty-seven years serving the City of Victorville – Board Member McArthur Wright – Thank you Linda – Board Administrator John Davis – Thank you Linda – Board Member Marilyn Kruse – I hope there is someone in mind, Mr. Davis, are we moving in a positive direction?

The Chair set the date of the next meeting for February 10, 2022. The meeting was adjourned at 11:09 AM.

Debra Jones
Chair

Cambria Carroll
Secretary

**MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE
JOINT POWERS AUTHORITY**

AGENDA MATTER

SB 1383 Program Tracking Software

SUMMARY STATEMENT

The Authority reauthorized a Request for Qualifications (RFQ) to provide SB 1383 data collection, monitoring and reporting services at its November 2021 meeting. Potential bidders were notified directly and through industry group message boards. The RFQ is attached. Five responses were submitted online by the deadline. One candidate ultimately withdrew.

Authority agency staff and the Administrator received online presentations from the remaining four firms during the week of January 24, 2022. Staff and the Administrator discussed the presentations and achieved a clear consensus that Recyclist would best meet the Authority's needs. Recyclist's Program Tracker is being used by over 40 California local governments, including joint powers authorities <https://recyclist.co/tracker/>. The software is cloud based using data imported from hauler and agency records to populate and integrate modules including:

- Identifying generators
- Tracking education and outreach to generators
- Recording waivers issued
- Establishing a system for self-hauler reporting
- Maintaining a detailed list of food recovery organizations and services
- Monitoring compliance of generators, recovery services and organizations
- Tracking annual inspections and compliance reviews
- Issuing notices of violation, following up every 90 days, imposing penalties
- Keeping centralized records and providing CalRecycle access within 1 business day

Recyclist is offering pricing that would have the Authority pay an annual subscription cost of \$24,900 (plus a one-time \$5,000 set-up fee). The Authority would pay \$4,000 annually for each participating member, and \$1,000 for periodic data uploads that could vary by agency. The Authority Agreement provides for project committees with those members sharing project costs.

Burrtec is a Recyclist customer, as is Republic (Needles's hauler). Burrtec has offered Recyclist access to its franchised member agencies. While the terms of use and cost have not been established, Burrtec's offer means that the Authority may not need a single arrangement serving all the agencies.

If a project committee is appropriate the Board would take action at a subsequent meeting. The final scope and project budget would be confirmed at that time.

RECOMMENDED ACTION

Initiate an agreement with Recyclist to provide SB 1383 program tracking services

PRESENTED BY	FISCAL IMPACT:	MEETING DATE	ITEM NUMBER
John Davis	\$60,210 maximum annually	February 10, 2022	3

Request for Qualifications: SB 1383 Data Collection, Monitoring and Reporting Services

The Mojave Desert and Mountain Recycling Authority is seeking qualified firms to provide SB 1383 data services. The Authority is a nine-member joint powers authority serving San Bernardino County's High Desert and East Mountain communities. Information about the Authority is on our website urecycle.org

CalRecycle's SB 1383 regulations require extensive detailed data collection, monitoring and reporting by local agencies. The Authority focuses on programs that can be delivered more efficiently or cost-effectively regionally rather than by individual member agencies. The Authority is not a Regional Agency and does not report to CalRecycle. The Authority does not manage franchises. The member agencies will report SB 1383 progress to CalRecycle. There are likely to be population and elevation exemptions, and some agencies are discussing using data collection services through franchise arrangements.

SB 1383 data collection, monitoring and reporting could be consolidated under a blanket contract, while allowing for local flexibility. The Authority Agreement provides for project committees with only those members sharing project costs. The Authority might negotiate an agreement allowing members to engage directly with a single vendor, although local procurement policies might limit this option. Or the Authority still could cover all members under a master agreement utilized selectively agency needs are known.

To be considered for this work, please provide the following information by 5 p.m., Monday, December 14, 2021. Send any questions or comments to recyclingjpa@gmail.com



SAAS SERVICES ORDER FORM

Customer: Mojave Desert and Mountain Recycling Authority	Contact: John Davis
Address: 14343 Civic Drive	Phone: (909) 797 7717
Victorville, CA 92392	Email: recyclingjpa@gmail.com
Services: Recyclist Program Tracker (the "Service(s)").	Initial Service Term: 36 months, commencing upon completion of implementation.
Service Capacity: Management of regulatory compliance and outreach for commercial and multi-family waste generators within the Mojave Desert and Mountain Recycling Authority service area.	Implementation Services: Company will use commercially reasonable efforts to provide Customer the services described in the Statement of Work ("SOW") attached as Exhibit A hereto ("Implementation Services"), and Customer shall pay Company the Implementation Fee in accordance with the terms herein.
Service Fees: Base Annual Subscription Fee billed upon completion of Implementation Services, subject to the terms of Section 4 herein. Data Import Fees billed upon receipt of each data set, subject to the terms of Section 4 herein.	Implementation Fees (one-time): Payable upon execution of the Agreement, subject to the terms of Section 4 herein.

SERVICE FEES	PRICE	QTY	3-YEAR DISCOUNT	SUBTOTAL
Program Tracker - Base Subscription (standard)	\$24,900.00	1	-\$2,490.00	\$22,410.00
Add-On: JPA Limited Access (per jurisdiction)	\$4,000.00	9	-\$3,600.00	\$32,400.00
Projected Data Set Imports (per data set)	\$1,000.00	6	-\$600.00	\$5,400.00

Total Projected Annual Fees \$60,210.00

ONE-TIME FEES	PRICE	QTY	SUBTOTAL
Program Tracker Implementation Fee	\$5,000.00	1	\$5,000.00

Total One-Time Fees \$5,000.00

SAAS SERVICES AGREEMENT

This SaaS Services Agreement (“Agreement”) is entered into on this xx day of xxx 20xx (the “Effective Date”) between Citizen Communications, LLC dba Recyclist with a place of business at 12313 Soaring Way, Suite 1D, Truckee CA 96161 (“Company”), and the Customer listed above (“Customer”). This Agreement includes and incorporates the above Order Form, as well as the attached Terms and Conditions and contains, among other things, warranty disclaimers, liability limitations and use limitations. There shall be no force or effect to any different terms of any related purchase order or similar form unless expressly identifying this Agreement, specifically referencing the provisions of this Agreement to be altered or superseded and signed by the parties after the date hereof.

Citizen Communications, LLC dba Recyclist

Mojave Desert and Mountain Recycling Authority

Name:

Name:

Title:

Title:

Date:

Date:

Attachment A

List of Jurisdictions in Installation

As of February 2022:

1. Town of Apple Valley
2. City of Adelanto
3. City of Barstow
4. City of Big Bear Lake
5. City of Needles
6. Unincorporated County of San Bernardino
7. City of Twentynine Palms
8. City of Victorville
9. Town of Yucca Valley

TERMS AND CONDITIONS

1. SAAS SERVICES AND SUPPORT

1.1 Subject to the terms of this Agreement, Company will use commercially reasonable efforts to provide Customer the Services. As part of the registration process, Customer will identify an administrative user name and password for Customer's Company account. Company reserves the right to refuse registration of, or cancel passwords it deems inappropriate.

1.2 Subject to the terms hereof, Company will provide Customer with reasonable technical support services in accordance with Company's standard practice.

2. RESTRICTIONS AND RESPONSIBILITIES

2.1 Customer will not, directly or indirectly: reverse engineer, decompile, disassemble or otherwise attempt to discover the source code, object code or underlying structure, ideas, know-how or algorithms relevant to the Services or any software, documentation or data related to the Services ("Software"); modify, translate, or create derivative works based on the Services or any Software (except to the extent expressly permitted by Company or authorized within the Services); use the Services or any Software for timesharing or service bureau purposes or otherwise for the benefit of a third; or remove any proprietary notices or labels. With respect to any Software that is distributed or provided to Customer for use on Customer premises or devices, Company hereby grants Customer a non-exclusive, non-transferable, non-sublicensable license to use such Software during the Term only in connection with the Services.

2.2 Further, Customer may not remove or export from the United States or allow the export or re-export of the Services, Software or anything related thereto, or any direct product thereof in violation of any restrictions, laws or regulations of the United States Department of Commerce, the United States Department of Treasury Office of Foreign Assets Control, or any other United States or foreign agency or authority. As defined in FAR section 2.101, the Software and documentation are "commercial items" and according to DFAR section 252.227-7014(a)(1) and (5) are deemed to be "commercial computer software" and "commercial computer software documentation." Consistent with DFAR section 227.7202 and FAR section 12.212, any use modification, reproduction, release, performance, display, or disclosure of such commercial software or commercial software documentation by the U.S. Government will be governed solely by the terms of this Agreement and will be prohibited except to the extent expressly permitted by the terms of this Agreement.

2.3 Customer represents, covenants, and warrants that Customer will use the Services only in compliance with its intended functionality and all applicable laws and regulations. Customer shall be responsible for obtaining and maintaining any equipment and ancillary services needed to connect to, access or otherwise use the Services, including, without limitation, modems, hardware, servers, software, operating systems, networking, web servers and the like (collectively, "Equipment"). Customer is responsible for maintaining the confidentiality of the passwords assigned to Customer and its users. Customer will immediately notify Company if it becomes aware that a password is lost, stolen, disclosed to an unauthorized third party, or otherwise compromised. Company will be responsible for any and all activities made pursuant to the licenses granted to Customer's hereunder and any of its users' or Equipment or the access credentials to the Services. Customer shall, and shall ensure its users, use commercially reasonable efforts to prevent unauthorized access to, or use of, the Services, and notify Company promptly of any unauthorized access or use. Customer hereby agrees to indemnify and hold harmless Company against any damages, losses, liabilities, settlements and expenses (including without limitation costs and attorneys' fees) in connection with any claim or action that arises from an alleged violation of the foregoing or otherwise from Customer's use of Services. Although Company has no obligation to monitor Customer's use of the Services, Company may do so and may prohibit any use of the Services it believes may be (or alleged to be) in violation of the foregoing.

3. CONFIDENTIALITY; PROPRIETARY RIGHTS

3.1 Each party (the "Receiving Party") understands that the other party (the "Disclosing Party") has disclosed or may disclose business, technical or financial information relating to the Disclosing Party's business (hereinafter referred to as "Proprietary Information" of the Disclosing Party). Proprietary Information of Company includes non-public information regarding features, functionality and performance of the Service. Proprietary Information of Customer includes non-public data provided by Customer to Company to enable the provision of the Services ("Customer Data"). The Receiving Party agrees: (i) to take reasonable precautions to protect such Proprietary Information, and (ii) not to use (except in performance of the Services or as otherwise permitted herein) or divulge to any third person any such Proprietary Information. The Disclosing Party agrees that the foregoing shall not apply with respect to any information after five (5) years following the disclosure thereof or any information that the Receiving Party can document (a) is or becomes generally available to the public, or (b) was in its possession or known by it prior to receipt from the Disclosing Party, or (c) was rightfully disclosed to it without restriction by a third party, or (d) was independently developed without use of any Proprietary Information of the Disclosing Party or (e) is required to be disclosed by law.

3.2 Customer shall own all right, title and interest in and to the Customer Data. Company shall own and retain all right, title and interest in and to (a) the Services and Software, all improvements, enhancements or modifications thereto, (b) any software, applications, inventions or other technology developed in connection with Implementation Services or support, and (c) all intellectual property rights related to any of the foregoing.

3.3 Notwithstanding anything to the contrary, Company shall have the right to collect and analyze data and other information relating to the provision, use and performance of various aspects of the Services and related systems and technologies (including, without limitation, information concerning Customer Data and data derived therefrom), and Company will be free (during and after the term hereof) to (a) use such

information and data to improve and enhance the Services and for other development, diagnostic and corrective purposes in connection with the Services and other Company offerings, and (b) disclose such data solely in aggregate or other de-identified form in connection with its business. No rights or licenses are granted except as expressly set forth herein.

4. PAYMENT OF FEES

4.1 Customer will pay Company the then applicable fees described in the Order Form for the Services and Implementation Services in accordance with the terms therein (the "Fees"). If Customer's use of the Services exceeds the Service Capacity set forth on the Order Form or otherwise requires the payment of additional fees (per the terms of this Agreement), Customer shall be billed for such usage and Customer agrees to pay the additional fees in the manner provided herein. Company reserves the right to change the Fees or applicable charges and to institute new charges and Fees at the end of the Initial Service Term or then-current renewal term, upon thirty (30) days prior notice to Customer (which may be sent by email). Notwithstanding the foregoing, all Data Import Fees set forth in the Order Form are estimates only and are, at any time during the Term, subject to reasonable increases based on then-current Company fees for Data Set Imports. If Customer believes that Company has billed Customer incorrectly, Customer must contact Company no later than 60 days after the closing date on the first billing statement in which the error or problem appeared, in order to receive an adjustment or credit. Inquiries should be directed to Company's customer support department.

4.2 Company may choose to bill through an invoice, in which case, full payment for invoices issued in any given month must be received by Company thirty (30) days after the mailing date of the invoice. Unpaid amounts are subject to a finance charge of 1.5% per month on any outstanding balance, or the maximum permitted by law, whichever is lower, plus all expenses of collection and may result in immediate termination of Service. Customer shall be responsible for all taxes associated with Services other than U.S. taxes based on Company's net income.

4.3 Following the Initial Service Term, the annual subscription fee shall automatically increase (and annually thereafter) by an amount equal to the greater of five percent (5%) or one hundred percent (100%) of the percentage increase in the Consumer Price Index, Urban Consumers, All Cities Average 1982-84 Equals 100, (CPI-U) during the prior calendar year as published by the U.S. Department of Labor or any successor index, compounded annually from the Effective Date.

5. TERM AND TERMINATION

5.1 Subject to earlier termination as provided below, this Agreement is for the Initial Service Term as specified in the Order Form, and shall be automatically renewed for additional periods of the same duration as the Initial Service Term (collectively, the "Term"), unless either party requests termination at least thirty (30) days prior to the end of the then-current term.

5.2 In addition to any other remedies it may have, either party may also terminate this Agreement upon thirty (30) days' notice (or without notice in the case of nonpayment), if the other party materially breaches any of the terms or conditions of this Agreement. Customer will pay in full for the Services up to and including the last day on which the Services are provided. Upon any termination, Company will make all Customer Data available to Customer for electronic retrieval for a period of thirty (30) days, but thereafter Company may, but is not obligated to, delete stored Customer Data. All sections of this Agreement which by their nature should survive termination will survive termination, including, without limitation, accrued rights to payment, confidentiality obligations, warranty disclaimers, and limitations of liability.

6. WARRANTY AND DISCLAIMER

Company shall use reasonable efforts consistent with prevailing industry standards to maintain the Services in a manner which minimizes errors and interruptions in the Services and shall perform the Implementation Services in a professional and workmanlike manner. Services may be temporarily unavailable for scheduled maintenance or for unscheduled emergency maintenance, either by Company or by third-party providers, or because of other causes beyond Company's reasonable control, but Company shall use reasonable efforts to provide advance notice in writing or by e-mail of any scheduled service disruption. However, Company does not warrant that the Services will be uninterrupted or error free; nor does it make any warranty as to the results that may be obtained from use of the Services. EXCEPT AS EXPRESSLY SET FORTH IN THIS SECTION, THE SERVICES AND IMPLEMENTATION SERVICES ARE PROVIDED "AS IS" AND COMPANY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.

7. INDEMNITY

Company shall indemnify Customer from liability to third parties resulting from infringement by the Service of any United States patent or any copyright or misappropriation of any trade secret, provided Company is promptly notified of any and all threats, claims and proceedings related thereto and given reasonable assistance and the opportunity to assume sole control over defense and settlement; Company will not be responsible for any settlement it does not approve in writing. The foregoing obligations do not apply with respect to portions or components of the Service (a) not supplied by Company, (b) made in whole or in part in accordance with Customer specifications, (c) that are modified after delivery by Company, (d) combined with other products, processes or materials where the alleged infringement relates to such combination, (e) where Customer continues allegedly infringing activity after being notified thereof or after being informed of modifications that would have avoided the alleged infringement, or (f) where Customer's use of the Service is not strictly in accordance with this Agreement. If, due to a claim of infringement, the Services are held by a court of competent jurisdiction to be or are believed by Company to be infringing, Company may, at its option and expense (i) replace or modify the Service to be non-infringing provided that such modification or replacement contains substantially similar features and functionality, (ii) obtain for Customer a license to continue using the Service, or (iii) if neither of the foregoing is commercially practicable, terminate this Agreement and Customer's rights hereunder and provide Customer a refund of any prepaid, unused fees for the Service.

8. LIMITATION OF LIABILITY

8.1 Customer acknowledges, understands and agrees that Company utilizes third party hardware, software and hosting solutions in connection with the Services ("Third Party Solutions") in order to economically provide the Services to Customer. Customer recognizes that the quality of the Services is dependent upon such Third Party Solutions and that Company does not have nor exercise significant bargaining power with such Third Party Solutions so as to reasonably control the Customer's experience resulting from such Third Party Solutions, and therefore notwithstanding any other provision of this Agreement to the contrary, agrees that Company shall not be liable or in breach of this Agreement to the extent such liability or breach is the result of the acts or omissions of Third Party Solutions or their providers.

8.2 NOTWITHSTANDING ANYTHING TO THE CONTRARY, EXCEPT FOR BODILY INJURY OF A PERSON, COMPANY AND ITS SUPPLIERS (INCLUDING BUT NOT LIMITED TO ALL EQUIPMENT AND TECHNOLOGY SUPPLIERS), OFFICERS, AFFILIATES, REPRESENTATIVES, CONTRACTORS AND EMPLOYEES SHALL NOT BE RESPONSIBLE OR LIABLE WITH RESPECT TO ANY SUBJECT MATTER OF THIS AGREEMENT OR TERMS AND CONDITIONS RELATED THERETO UNDER ANY CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY: (A) FOR ERROR OR INTERRUPTION OF USE OR FOR LOSS OR INACCURACY OR CORRUPTION OF DATA OR COST OF PROCUREMENT OF SUBSTITUTE GOODS, SERVICES OR TECHNOLOGY OR LOSS OF BUSINESS; (B) FOR ANY INDIRECT, EXEMPLARY, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES; (C) FOR ANY MATTER BEYOND COMPANY'S REASONABLE CONTROL; OR (D) FOR ANY AMOUNTS THAT, TOGETHER WITH AMOUNTS ASSOCIATED WITH ALL OTHER CLAIMS, EXCEED THE FEES PAID BY CUSTOMER TO COMPANY FOR THE SERVICES UNDER THIS AGREEMENT IN THE 12 MONTHS PRIOR TO THE ACT THAT GAVE RISE TO THE LIABILITY, IN EACH CASE, WHETHER OR NOT COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND WHETHER OR NOT SUBJECT TO THE INDEMNIFICATION OBLIGATIONS OF COMPANY HEREUNDER.

9. MISCELLANEOUS

If any provision of this Agreement is found to be unenforceable or invalid, that provision will be limited or eliminated to the minimum extent necessary so that this Agreement will otherwise remain in full force and effect and enforceable. This Agreement is not assignable, transferable or sublicensable by Customer except with Company's prior written consent. Company may transfer and assign any of its rights and obligations under this Agreement without consent. This Agreement is the complete and exclusive statement of the mutual understanding of the parties and supersedes and cancels all previous written and oral agreements, communications and other understandings relating to the subject matter of this Agreement, and that all waivers and modifications must be in a writing signed by both parties, except as otherwise provided herein. No agency, partnership, joint venture, or employment is created as a result of this Agreement and Customer does not have any authority of any kind to bind Company in any respect whatsoever. In any action or proceeding to enforce rights under this Agreement, the prevailing party will be entitled to recover costs and attorneys' fees. All notices under this Agreement will be in writing and will be deemed to have been duly given when received, if personally delivered; when receipt is electronically confirmed, if transmitted by facsimile or e-mail; the day after it is sent, if sent for next day delivery by recognized overnight delivery service; and upon receipt, if sent by certified or registered mail, return receipt requested. This Agreement shall be governed by the laws of the State of California without regard to its conflict of laws provisions.

EXHIBIT A
Statement of Work

Implementation of the Recyclist Program Tracker includes:

- Configuring data import process to align with Customer's data and programmatic objectives
- Importing initial compliance records
- Setting up user accounts and permissions
- Customizing database fields to meet reasonable customer needs
- Customizing reports to meet reasonable customer needs

Base subscription includes:

- Commercial and multi-family generator database for tracking:
 - Service levels
 - Contact information
 - AB 1826 & AB 341 compliance
 - SB 1383 compliance (rolling out in phases)
- Log of all outreach activities
- CRM features to schedule and track outreach to commercial generators, including:
 - Site Visits
 - Phone Calls
 - Emails
 - Photos taken
 - Task lists and calendars
 - Task reminders and summaries
- Customization of standard forms and reports to meet reasonable customer needs, such as:
 - Tracking local programs and pilot projects
 - Tracking compliance with state, regional and/or local ordinances
 - Complex customization projects necessitating new forms and/or reports may require additional professional services. Any additional consulting, training, development, configuration, development and/or integration services may be out of scope and subject to Company agreeing to provide such services pursuant to a change order to this SOW.
- Reports in list and/or graph format, with ability to search, sort and filter, and to export to Excel, PDF, or image file
- Cloud-based database that syncs data across all users in real time
- Web-based application, with mobile app for iOS and Android (requires internet connection)
- Secure web hosting with weekly backups
- Support via email, Monday-Friday 9am-5pm PT
- Support via phone by appointment
- Unlimited users

Data Import includes:

- Processing and importing a single-tab Excel worksheet or CSV file
- For service record data imports:
 - Importing new accounts, identifying possibly closed accounts and service-level changes
 - Updating generator compliance statuses to align with new data
- Custom Data Template Surcharge applicable to any Data Imports not delivered in the standard Recyclist Service Record Template



PRICE SHEET

PRODUCT: Program Tracker,

JPA or Regional Agency

EXPIRATION DATE: June 30, 2022

Annual Fees

Base Subscription	\$24,900
<i>Add-On:</i> Additional Reporting Jurisdictions (per jurisdiction)	\$2,000
<i>Add-On:</i> JPA Limited Access (per jurisdiction)	\$4,000
<i>Add-On:</i> Estimate Creator Tool	\$5,000
<i>Add-On:</i> Generator Self-Reporting Tool	\$5,000
<i>Add-On:</i> Waiver Issuance Tool	\$5,000
<i>Add-On:</i> Route Review Fieldwork Tool	\$5,000
<i>Add-On:</i> Waste Evaluation Fieldwork Tool	\$5,000

Discounts available for 3-Year-Term, multiple subscriptions, and select rural or low-population communities.

One-Time Fees

Implementation Fee	\$5,000
Data Imports (per data set)	\$1,000
<i>Add-On:</i> Custom Data Template Surcharge (per data set)	\$1,000

Definitions

- **Data Set**

A data set is defined as a single-tab Excel worksheet or CSV file. Types of data sets include hauler service-level data (most common), past outreach activities, edible food generator lists.

- **Add-On Tools & SB 1383 Features**

Add-on tools are not essential for SB 1383 recordkeeping and reporting. They are additional offerings providing increased functionality for fieldwork and/or data gathering. Without these tools, all information required to maintain your central SB 1383 Implementation Record can still be logged in the Program Tracker.

- **Add-On: Custom Data Template Surcharge**

Custom Data Template Surcharge is applicable to any Data Import request with a Data Set housed in the customer's or hauler's own template instead of the standard Recyclist Service Record Template.

- **Add-On: Open Market Data Surcharge**

Open Market Data Surcharge applies to any Data Import request with a Data Set from a waste hauler in an open market or competitive franchise agreement for the jurisdiction's service area.

- **Add-On: Additional Reporting Jurisdictions**

All users have access to all data in the Program Tracker, regardless of jurisdiction. This is not recommended for agencies with sensitive data, separate franchise agreements amongst member jurisdictions, and/or multiple haulers who are not shared. Up to 3 total reporting jurisdictions may be added, or for regional agencies, all member jurisdictions may be added.

- **Add-On: JPA Limited Access**

- Includes additional permissions and security levels than what the Additional Reporting Jurisdictions Add-On provides. Jurisdiction users are restricted to viewing, creating, editing, deleting and exporting data only for their own jurisdiction. The regional agency or contract owner has full access to all data.
- Haulers may access all data (if they are the exclusive service provider to all jurisdictions) or data for a single jurisdiction. Haulers cannot access data for multiple (but not all) jurisdictions.
- Some visual charts and reports may have modified functionality and/or be inaccessible to jurisdiction users.
- JPA Limited Access Add-On must be implemented during initial configuration of the Program Tracker, not available after launch.

- **Add-On: Estimate Creator Tool**

Create & send service estimates (service proposals) based on commercial/multi-family rate sheets, send PDFs to customers directly from the Program Tracker, communicate efficiently with service departments, and keep track of the status of estimates. Especially useful when rolling out new services and/or conducting ongoing right-sizing.

- **Add-On: Generator Self-Reporting Tool**

The *standard* generator self-reporting form included in the base subscription of the Program Tracker is a public-facing form that businesses and multi-family properties can use to (1)

request and provide evidence for SB 1383 organics collection waivers, (2) report alternative methods of compliance with mandatory commercial recycling/organics such as self-hauling or backhauling and/or (3) report on edible food recovery and provide evidence of written agreements. Submissions from generators go directly into the Program Tracker. These questions are standardized to align with the SB 1383 regulatory text.

The *add-on* version is for multiple self-reporting forms and/or highly customized forms such as a form asking new or different questions, or a form that has customized logic around what happens after a generator submits a form.

- **Add-On: Waiver Issuance Tool**

The *standard* Program Tracker includes the ability for a user to enter a record any time they issue, verify or revoke a waiver.

The *add-on* version is for users looking to further customize that standard process and to use the Program Tracker to generate actual PDF waivers with details specific to the local jurisdiction. Users can create and email SB 1383 organics collection waivers directly from the Program Tracker, customized with jurisdiction branding and jurisdiction-specific information regarding the terms of the waiver. PDF waivers can be automatically emailed to generators, or downloaded from the Program Tracker to be printed and mailed by the user.

- **Add-On: Route Review Fieldwork Tool**

In a *standard* Program Tracker, this tool allows users to conduct lid-flipping audits in the field for commercial/multi-family generators (selected by either Recyclist or you) as well as residential generators (selected by you). Users may enter observations (bin stream, contamination levels, contaminants, photos, warnings/rejections) for each bin at each targeted address directly in the Recyclist map-enabled mobile app, in accordance with SB 1383 recordkeeping requirements.

The *add-on* version allows for customizations of the fields and interface to align with specific program needs, as well as ongoing support of those customizations and assistance with identifying and uploading target generators.

- **Add-On: Waste Evaluation Fieldwork Tool**

In a *standard* Program Tracker, users are able to enter the results of waste evaluations, but the tool is not designed for use in the field. This feature is by request only.

The *add-on* version of this tool is in active development, and is being designed for logging detailed observations in the field using the app map-enabled mobile app version of the Program Tracker. This means entering detailed results of each evaluated load.

Log results of waste evaluations, including contamination levels and photographs, directly in the mobile app version of the Program Tracker, in accordance with SB 1383 record keeping requirements.

**MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE
JOINT POWERS AUTHORITY**

AGENDA MATTER

Memorandum of Understanding FIND Food Bank

SUMMARY STATEMENT

CalRecycle's SB 1383 regulations require recovery of edible food from supermarkets, grocery stores, wholesale distributors and food services beginning January 2022. Authority members must inform generators and provide information about food recovery organizations that can feed people by collecting and distributing that food.

The Authority entered into a 2019 Memorandum of Understanding (MOU) with High Desert Second Chance (HDSC) to structure a comprehensive edible food recovery program based on the High Desert Food Collaborative. HDSC has expanded its Victor Valley capacity, worked with New Hope Village to serve Barstow communities under the Collaborative, assessed capacity in Needles and Big Bear Lake, and reached out to groups in the Morongo Basin.

FIND Food Bank is the regional food bank serving the Coachella Valley and Morongo Basin. They report serving over 150,000 people monthly, distributing over 20 million meals in 2021 through a network of 150 sites. FIND expanded its capacity in 2021 by opening a distribution center at the Morongo Basin Healthcare District campus in Yucca Valley. The expansion allows FIND member agencies, including the Morongo Basin food pantries and soup kitchens, to pick up quality food nearby for local clients.

An MOU with FIND would the following services to the Authority, assisting Twentynine Palms, Yucca Valley and County communities to comply with SB 1383 by:

- Providing records to member agencies documenting compliance.
- Working with Tier One commercial edible food generators (supermarkets, grocery stores, food distributors and wholesalers) to comply with their requirements.
- Preparing a standard contract or written agreement between generators and food recovery organizations or services.
- Assuring compliance with food recovery organization or service record keeping requirements.
- Assisting with capacity assessment including identification of local food recovery organizations and services, and describing resources needed to operate effectively.

The Authority would pay \$15,000 annually to HDSC, in monthly payments, through June 2023 with a mutual one-year renewal option. The term anticipates changes beginning 2024 when restaurants, hotels, health care facilities and local schools must beginning providing unserved prepared food that requires more careful handling to meet food safety requirements.

RECOMMENDED ACTION

Approve Memorandum of Understanding with FIND Food Bank to provide edible food recovery services

PRESENTED BY	FISCAL IMPACT:	MEETING DATE	ITEM NUMBER
John Davis	\$15,000 annually through June 2023	February 10, 2022	4

1 **MEMORANDUM OF UNDERSTANDING**

2
3 This MEMORANDUM OF UNDERSTANDING (“MOU”), made and entered into effective
4 the 10th day of February, 2022, by and between the Mojave Desert and Mountain Recycling Authority,
5 a joint powers authority (“AUTHORITY”) and FIND Food Bank (“FIND”) (individually, “PARTY;”
6 collectively, “PARTIES”) shall be as follows:

7 **RECITALS**

8 **WHEREAS**, AUTHORITY desires to facilitate edible food collection and distribution within its
9 members’ jurisdictions consistent with State regulations; and

10 **WHEREAS**, FIND manages the Hi-Desert Branch distribution center serving Morongo Basin
11 edible food organizations and food recovery services providing edible food recovery programs within
12 the AUTHORITY’s boundaries;

13 **WHEREAS**, AUTHORITY and FIND desire cooperatively to carry out effective regional edible
14 food recovery; and

15 NOW THEREFORE, and in consideration of the covenants and conditions contained herein, it is
16 agreed between the PARTIES as follows:

17
18 **1. TERM AND LIMITATIONS**

19 1.1 The term of this MOU shall be from March 1, 2022 through June 30, 2023, unless
20 otherwise terminated as provided herein.

21 1.2 If additional funding is available, the term of this MOU may be extended for an
22 additional one (1) year period, upon mutual written agreement of both PARTIES
23 representatives.

24 1.3 Alternatively, the PARTIES mutually may agree to execute another form of agreement to
25 continue the work.

26 1.4 PARTIES agree that this MOU is focused on serving Tier One generators as defined by
27 CalRecycle.

28 **2. RESPONSIBILITIES OF AUTHORITY:**

- 1 2.1 AUTHORITY will coordinate contacts between FIND and member agency staff.
- 2 2.2 AUTHORITY will identify and provide introductions to local commercial food
- 3 generators and recovery organizations and services with input from member agencies.
- 4 2.3 AUTHORITY will secure necessary input from California Department of Resources
- 5 Recycling and Recovery (CalRecycle) to assure compliance with its applicable edible
- 6 food recovery regulations.
- 7 2.4 AUTHORITY will work closely with FIND to detail steps needed to assure effective
- 8 regulatory compliance.
- 9

10 **3. RESPONSIBILITIES OF FIND:**

- 11 3.1 FIND will prepare and implement an information system model based on its current
- 12 clients and operation.
- 13 3.2 FIND will work closely with the AUTHORITY to assure that AUTHORITY'S
- 14 information system and operations comply with State edible food recovery regulations.
- 15 3.3 FIND will assist AUTHORITY and its member agencies to assess capacity for edible
- 16 food recovery, including but not limited to identification of local food recovery
- 17 organizations and services, and describing resources needed to operate effectively.
- 18 3.4 FIND will support edible food recovery efforts throughout AUTHORITY territory,
- 19 including reasonable efforts to share its information system model if needed.
- 20 3.5 FIND will provide records to the AUTHORITY for each member agency documenting its
- 21 performance in compliance with the regulations.
- 22 3.6 FIND will work with Tier One commercial edible food generators (supermarkets,
- 23 grocery stores, food distributors and wholesalers) to comply with their requirements.
- 24 3.7 FIND will prepare a standard contract or written agreement between generators and food
- 25 recovery organizations or services that may be utilized by AUTHORITY members in
- 26 compliance with all applicable laws and regulations.
- 27 3.8 FIND will assure compliance with food recovery organization or service record keeping
- 28 requirements for edible food recovery programs.

1 3.9 FIND shall keep appropriate records regarding the programs and actions under this MOU
2 and shall provide copies of all such records to AUTHORITY upon request.
3

4 **4. TERMINATION**

5 Either PARTY may terminate this MOU with or without cause upon thirty (30) calendar days'
6 prior written notice to the other PARTY. The PARTIES mutually may agree to waive this notice
7 requirement and terminate this MOU immediately.
8

9 **5. INDEMNIFICATION; INSURANCE**

10 5.1 FIND shall indemnify, hold harmless and defend the AUTHORITY and any and all of its
11 members and all of their officers, agents, servants, or employees against any and all
12 claims, loss, damage, charge, fine, charge or expense, including reasonable attorneys'
13 fees for counsel acceptable to AUTHORITY, to which the AUTHORITY or such
14 officers, agents, servants, or employees may be put or subject to, by reason of any
15 damage, loss or injury of any kind or nature whatever to persons or property to the extent
16 caused by the negligent act or action, or any neglect, or failure to act, when under a duty
17 to act, on the part of FIND, in its performance hereunder. In the event claims, losses,
18 damages, charges, fines, charges or expenses are caused by the joint or concurrent
19 negligence of AUTHORITY and FIND, they shall be borne by each PARTY in
20 proportion to its negligence.

21 5.2 AUTHORITY shall indemnify, hold harmless and defend the FIND and any and all of its
22 officers, agents, servants, or employees against any and all claims, loss, damage, charge
23 or expense, including reasonable attorneys' fees, to which the FIND or such officers,
24 agents, servants, or employees may be put or subject to, by reason of any damage, loss or
25 injury of any kind or nature whatever to persons or property to the extent cause by the
26 negligent act or action or any neglect, or failure to act, when under a duty to act, on the
27 part of AUTHORITY in its performance hereunder.
28

1 5.3 The PARTIES agree to procure and maintain insurance coverages sufficient to cover their
2 respective risks.
3

4 **6. PAYMENT**

5 AUTHORITY will pay FIND \$15,000 annually for its work associated with this MOU. FIND
6 will submit an invoice for payment monthly, accompanied by a report of activities during the preceding
7 month. Payments will be made monthly in twelve equal payments.
8

9 **7. PROGRAM COORDINATION**

10 7.1 The AUTHORITY Administrator, or his/her designee, shall be the representative of
11 AUTHORITY for all purposes of this MOU. The AUTHORITY Administrator, or
12 his/her designee, hereby is designated as the Program manager for AUTHORITY.
13 He/she shall supervise the progress and execution of this MOU.

14 7.2 FIND assigns its Chief Executive Officer to have overall responsibility for the progress
15 and execution of this MOU.
16

17 **8. NOTICES AND COMMUNICATIONS**

18 Any notice by either PARTY to the other shall be personally delivered to the PARTY or sent by
19 certified mail, return receipt requested, to the addresses set forth below, or to such other addresses as
20 any PARTY may from time to time notify the others in writing. Such notice shall be deemed served
21 when personally delivered for 3 business days after deposit into the mail.

22 **FOR AUTHORITY:**

23 Attn: Administrator
24 Mojave Desert and Mountain Recycling Authority
25 c/o City of Victorville
26 P.O. Box 5001
27 Victorville, CA 92393-5001

28 **FOR FIND:**

Attn: CEO
FIND Food Bank
83775 Citrus Ave.
Indio, CA 92201

1
2 **9. ENTIRE AGREEMENT**

3 This MOU contains the entire agreement between the PARTIES relating to the transactions
4 contemplated hereby and supersedes all prior or contemporaneous memoranda of understandings,
5 understandings, provisions, negotiations, representations, or statements, either written or oral.
6

7 **11. MODIFICATION**

8 No modification, waiver, amendment, discharge, or change of this MOU shall be valid unless the
9 same is in writing and signed by both PARTIES. No waiver of any term or conditions of this MOU shall
10 be a continuing waiver thereof.
11

12 **12. AUTHORITY FOR EXECUTION**

13 Each of the individuals executing this MOU on behalf of the PARTIES represents and warrants
14 that he/she is duly authorized to execute and deliver this MOU on behalf of AUTHORITY or FIND, as
15 applicable; and that such execution and delivery on behalf of either AUTHORITY or FIND is duly
16 authorized and within the authority of the signatory identified below.
17

18 **13. CHOICE OF LAW**

19 The laws of the State of California shall govern this MOU. Proper venue for any dispute
20 regarding this MOU shall lie in San Bernardino County, California.
21

22 **14. INTERPRETATION**

23 This MOU shall be interpreted to give effect to its fair meaning and shall be construed as though
24 both PARTIES prepared it.
25

26 **15. ASSIGNMENT**
27
28

1 Unless authorized in writing by both PARTIES, neither PARTY shall assign or transfer any
2 rights or obligations covered by this MOU. Any unauthorized assignment or transfer shall constitute
3 grounds for termination by the other PARTY.
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1 **16. SEVERABILITY**

2 If any one or more of the provisions of this MOU is held to be invalid, illegal, or unenforceable,
3 then such provision or provisions shall be severed here from, and the remaining provisions of the MOU
4 shall continue in full force and effect and shall not be affected, impaired, or invalidated in any way.

5 **17. EXECUTION OF COUNTERPARTS**

6 If this MOU is executed in counterparts, each counterpart shall be deemed an original, and all
7 such counterparts or as many of them as the PARTIES preserve undestroyed shall together constitute
8 one and the same MOU.
9

10
11 ///

12 ///

13 ///

14
15 **IN WITNESS THEREOF**, the PARTIES hereto have caused this MOU to be executed on the
16 date and year first above written.

17 **AUTHORITY:**

FIND:

18
19 By: _____

By: _____

20
21 **ATTEST:**

22
23 _____
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25
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27
28

**MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE
JOINT POWERS AUTHORITY**

AGENDA MATTER

PERMA Liability Program Plan

SUMMARY STATEMENT

The Recycling Authority's liability coverage is provided through the Public Entity Risk Management Authority (PERMA). At its December 2, 2021, meeting, the PERMA Board unanimously approved a liability program financial plan. The plan addresses deficits in program years and places responsibility for the deficits on the members who participated in the deficit years in accordance with the joint powers agreement.

The Recycling Authority's deficit is \$9,547. PERMA offers a 1% discount to pay in full (\$9,452); or payment of five or seven years. The five year payment option (\$1,909 annually) is preferable, given the slight discount. However the Authority's budget could weather a one-time payment.

PERMA requested a response by January 31 or require full payment. However the Executive Director agreed to waive that date to accommodate the Authority Board meeting.

RECOMMENDED ACTION

Elect to pay PERMA's liability program assessment in five annual installments

PRESENTED BY	FISCAL IMPACT:	MEETING DATE	ITEM NUMBER
John Davis	\$1,909 annually in five installments	February 10, 2022	5



December 20, 2021

At its December 2, 2021, meeting, the PERMA Board unanimously approved a liability program financial plan. The plan addresses deficits in program years and places responsibility for the deficits on the members who participated in the deficit years in accordance with the joint powers agreement.

The deficits of 2015-16 through 2020-21 were funded through a transfer of surplus in older program years, an assessment, and application of ERMA dividend funds. The components of this plan are as follows:

1. The Board approved a transfer of \$11,562,166 surplus from program years 2005-06 through 2014-15 to 2015-16 to 2020-21.
2. The Board declared an additional \$9,526,836 in assessments.
3. The Board approved the application of ERMA dividends to reduce member assessments, where applicable.
4. The assessment calculated funds for the program years to reach zero at an 80% confidence level.
5. Members with worker' compensation surplus available may elect to use the surplus to reduce their assessment.

Each member's share is reflected in the attached documents. PERMA has also prepared a two-page memo which summarizes the financial status of the liability program as well as the plan elements the Board adopted for use at your city/agency.

Members must return an election agreement to PERMA by January 31st, 2022. The complete deficit share will be due and payable by members who do not sign and return the payment agreement. Payments not received by July 15, 2022, will be subject to the PERMA penalty provisions outlined in the Liability Program Document.

Included in this communication is the payment election form, a recap of the assessments by member, and a summary of the information regarding the liability financial plan which was presented to the Board of Directors during several meetings in 2021.



2021 PERMA Assessment Agreement

Mojave Desert & Mountain Integrated Waste Management Authority has been assessed a net assessment (less surplus for older program years and ERMA dividend if applicable) of \$9,547 in the liability program as approved at the December 2, 2021 PERMA Board meeting.

The Mojave Desert & Mountain Integrated Waste Management Authority agrees to be bound by this assessment and the related JPA, Bylaw, and Program Document provisions and is submitting its election to pay the assessment as follows (select one):

- ☐ Pay full assessment of \$9,452 (reflects 1% discount), by July 15, 2022
- ☐ Pay 5 installments, annually by July 15, 2022-2026, of \$1,909
- ☐ Pay 7 installments, annually by July 15, 2022-2028, of \$1,364

Mojave Desert & Mountain Integrated Waste Management Authority understands this assessment may be revised as needed. Mojave Desert & Mountain Integrated Waste Management Authority hereby agrees to the above and elects to pay the calculated assessment beginning July 2022.

By signing below, the person executing this document acknowledges and confirms that all necessary authority has been granted by Mojave Desert & Mountain Integrated Waste Management Authority to enter into this agreement, and the person executing this document is authorized to execute this agreement on behalf of Mojave Desert & Mountain Integrated Waste Management Authority.

Agency Name: Mojave Desert & Mountain Integrated Waste Management Authority

Signature: _____
City Manager

Print Name: _____

Signature: _____
City Attorney

Print Name: _____

Dated: _____

Return agreement and election to PERMA by January 31st, 2022



2021 PERMA Assessment Summary

(A)	(B)	(C)	(D)	(E)	(F)	(G)
Member	Deficit years 80% 2015-16 to 2020-21	Surplus years 80% 2005-06 to 2014-15	ERMA Dividend	Net surplus/(deficit) 80% (B)+(C)+(D)	WC funds available (surplus of 90% plus 1X SIR)	Total Cash Due to PERMA at 80% (E)-(F)
Adelanto	\$(190,954)	\$346,670	\$5,247	\$160,963	\$ -	\$ -
Banning	(1,639,359)	1,295,432	63,692	(280,235)	-	280,235
Barstow	(1,461,209)	477,602	48,419	(935,188)	-	935,188
Blythe	(528,957)	342,483	-	(186,474)	-	186,474
Canyon Lake	(63,164)	11,380	951	(50,833)	-	50,833
Cathedral City	(716,873)	568,648	67,098	(81,127)	-	81,127
Coachella	(402,645)	267,808	12,435	(122,402)	122,402	-
Desert Hot Springs	(762,327)	674,840	30,639	(56,848)	-	56,848
Eastvale	(145,104)	19,143	498	(125,463)	-	125,463
Hesperia	(1,581,534)	506,073	31,292	(1,044,169)	1,044,169	-
Holtville	(171,831)	146,899	3,563	(21,369)	21,369	-
ICTC	(73,822)	11,468	1,183	(61,171)	-	61,171
IVECA	(26,646)	17,099	-	(9,547)	-	9,547
Jurupa Valley	(299,516)	6,286	263	(292,967)	-	292,967
La Mesa	(2,413,736)	1,675,391	52,442	(685,903)	-	685,903
March JPA	(175,345)	104,365	-	(70,980)	-	70,980
MD&MIWMA	(26,646)	17,099	-	(9,547)	-	9,547
Moreno Valley	(1,323,569)	464,701	-	(858,868)	-	858,868
Mt San Jacinto WPA	(439,006)	240,604	9,340	(189,062)	-	189,062
Murrieta	(1,609,192)	827,159	50,009	(732,024)	-	732,024
Norco	(570,173)	408,705	-	(161,468)	-	161,468
PVVTA	(26,646)	17,116	-	(9,530)	-	9,530
Perris	(1,258,940)	455,617	17,073	(786,250)	786,250	-
Rancho Mirage	(397,498)	249,076	-	(148,422)	148,422	-
RTC	(80,429)	2,725	859	(76,845)	-	76,845
San Jacinto	(358,139)	261,880	-	(96,259)	96,259	-
Stanton	(344,462)	209,130	12,574	(122,758)	-	122,758
SunLine	(1,341,596)	612,998	16,788	(711,810)	-	711,810



(A)	(B)	(C)	(D)	(E)	(F)	(G)
Member	Deficit years 80% 2015-16 to 2020-21	Surplus years 80% 2005-06 to 2014-15	ERMA Dividend	Net surplus/(defici t) 80% (B)+(C)+(D)	WC funds available (surplus of 90% plus 1X SIR)	Total Cash Due to PERMA at 80% (E)-(F)
Tulelake	-	19,069	-	19,069	-	-
Victorville	(2,382,176)	1,214,298	47,174	(1,120,704)	1,120,704	-
VVEDA	(26,646)	17,099	-	(9,547)	-	9,547
VVTA	(158,013)	25,762	1,863	(130,388)	-	130,388
Westmorland	(92,858)	47,541	-	(45,317)	-	45,317
Total	<u>\$(21,089,011)</u>	<u>\$11,562,166</u>	<u>\$473,402</u>	<u>\$(9,053,443)</u>	<u>\$3,339,575</u>	<u>\$5,893,900</u>
NOTE: Total assessment is \$9,526,845. Column E represents that amount, reduced by the ERMA dividends (Column D)						



Liability Program Financial Plan

Background:

PERMA's liability program as of 6/30/2021 reflects a negative net position of \$1.8M. In other words, the estimate of members' total incurred losses has exceeded the funding collected to pay those losses.

Contributions vs. Paid Amounts

Pool funding contributions is the amount estimated by the actuary needed to pay claims that occur in that fiscal period, at a confidence level set by the Board. The funding pays for losses with values over the member(s) retention, and within the \$1M pooled retention. PERMA annually collects money from the members to pay for excess liability pool contributions. The excess liability pool (PRISM) then pays losses that exceed PERMA's \$1M retention and with a loss value up to \$50M.

Due to a sharp increase in claim liabilities that has affected public agencies throughout California over the past several years, the actuarial projections were not sufficient to collect enough money from the members to pay the losses that the members incurred. Members experienced thirty-two (32) closed claims with values over \$250,000 in the past 11 years. Eleven had values of over \$1M. Additionally, 24 *open* claims during that same period have values greater than \$250,000 (six of which were reserved at over \$1M as of August 31, 2021). These losses are much higher than for previous coverage periods in PERMA's 35 year history.

What has PERMA done to date?

Improved confidence level funding: Based on the increasing severity and frequency of losses and declining assets in the liability program, in 2019-20 the PERMA Board implemented a measure to improve the financial position by increasing the confidence level of loss funding for deposit contributions going forward from 65% to 80%.

Reviewed loss reserves: This summer all loss reserves were reviewed for accuracy and sufficiency, and defense attorneys were contacted to ensure appropriate legal budgets were in place.

Expense allocation: Reallocated expenses from a 95%/5% (liability/workers' compensation) to a 90%/10% split in 2021-22.

Retooled risk control efforts: PERMA worked with its risk control contractor, Sedgwick, to recraft its risk control plan to address high-severity loss areas which include dangerous condition and police claims.

Target Financial Ratios:

PERMA adopted a Target Equity Policy in 2006 to monitor its financial condition. Unfortunately, as of June 30, 2021, PERMA's liability program is not meeting any of the five financial benchmark ratios. As detailed below, six policy years are in a deficit position when total



incurred losses (paid + reserves) were evaluated at 6/30/2021. To cure the deficit for all policy years, at the 90% confidence level, the pool would need to collect over \$25M.

Instead of collecting that amount, however, the Board approved a revision to the Target Equity policy which would allow the Board, in its sole discretion, to transfer equity from one program year to another if sufficient funds are available. The Board also adopted a change which allows the funds to be maintained between 80-90% confidence levels (rather than the previous 90% confidence level). With those changes in place, declaring a \$9.5 million assessment will ensure the program returns to a positive financial condition and is able to pay member claims.

General Liability				
Net Position - June 30, 2021				
Policy Year	Confidence Level			
	55%	70%	80%	90%
Prior	-	-	-	-
05-06	147,626	147,626	147,626	147,626
06-07	443,629	443,629	443,629	443,629
07-08	514,107	514,107	514,107	514,107
08-09	1,261,903	1,261,903	1,261,903	1,261,903
09-10	2,615,342	2,615,342	2,615,342	2,615,342
10-11	1,713,014	1,713,014	1,713,014	1,713,014
11-12	1,975,424	1,975,424	1,975,424	1,975,424
12-13	1,466,474	1,466,474	1,466,474	1,466,474
13-14	1,069,061	1,069,061	1,069,061	1,069,061
14-15	355,586	355,586	355,586	355,586
15-16	(1,100,750)	(1,219,083)	(1,310,318)	(1,427,602)
16-17	(3,684,003)	(3,779,794)	(3,850,936)	(3,943,981)
17-18	(4,303,250)	(5,301,544)	(6,063,917)	(7,052,381)
18-19	(3,893,704)	(5,129,449)	(6,085,590)	(7,326,644)
19-20	(126,179)	(886,525)	(1,548,328)	(2,370,684)
20-21	(237,063)	(1,321,546)	(2,229,913)	(3,369,911)
Total	(1,782,783)	(6,075,775)	(9,526,836)	(13,929,037)

Ad hoc committee recommendations:

The Board discussed the following recommendations on November 4, and a financial plan for the liability program will be adopted on December 2:

1. Assess members at the 80% confidence level, or \$9,526,836
2. Approve the transfer of surplus from program years 2005-06 through 2014-15 to program years 2015-16 through 2020-21
3. Apply ERMA dividend credits, where applicable, to reduce member assessments
4. Allow members to select either 1, 5 or 7 years to pay the assessment
5. Approve a 1% discount for members that pay the assessment in full
6. Allow members with sufficient surplus in the workers' compensation program to apply surplus to the liability program assessments.



PERMA has returned over \$22.2M to the members since 1996-97.

Like other liability programs throughout the state, however, the declining claims environment, nuclear jury verdicts, aging infrastructure, and reduction in risk control efforts have taken a toll. Improving the financial condition of the program is critical to ensuring the pool has enough money to pay member losses and to maintain CAJPA accreditation with excellence. Ongoing projects will also have a positive impact on the financial position, and include a review of pool and member retentions, pool structures, loss control efforts, and claim handling procedures.

Please note that PERMA is not insolvent; as an entity PERMA is in a surplus position overall. As a risk-sharing pool, however, PERMA needs to hold sufficient funds to ensure that members have coverage for losses and that each program is properly funded. The financial plan is designed to spread the funding collection over several years. The assessment plan, combined with appropriate contribution rates going forward, will serve to protect PERMA members.

**MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE
JOINT POWERS AUTHORITY**

AGENDA MATTER

Curbside Contamination Final Report

SUMMARY STATEMENT

The Authority contracted with ReCREATE Waste Collaborative (ReCREATE) in July 2020 to conduct a pilot study (study) with the goal of identifying and reducing contamination in the residential commingled recycling stream. The study concluded in November 2021. ReCREATE's Report provides a project overview, key findings, and recommendations to help inform the development of future Authority programs. ReCREATE will present an overview.

The goal of the study was to determine the most effective communication mediums and messages for creating behavior change, specifically for reducing contamination in the region's single-family curbside recycling stream. As part of the study, the ReCREATE team designed and implemented an education and outreach campaign that primarily consisted of providing in-person, door-to-door outreach ("direct contact") and cart tagging, along with social media outreach. The study also conducted waste characterizations, which included pre and post- cart-based sampling to determine the comparative impacts of each outreach strategy.

Findings included:

- A key finding of the study as evidenced by the waste characterization data was a substantial reduction in contamination in both of the test groups.
- Recycling contamination was reduced substantially in the two outreach groups. Across all communities, the total reduction in contamination for the Oops Tag Only group was 43%. The reduction in contamination for the Oops Tag and Direct Contact was 33.21%.
- The most confusing items for residents to understand how to recycle included plastic bags, aseptic containers, clothing, and food containers contaminated with food (residents were unsure of how "clean" a product had to be to be).
- The vast majority of residents connected most with messaging that addressed the safety of local workers, followed by the economic impact of recycling right. The least popular messaging was about environmental impacts.

Detail recommendations include:

- Continue to monitor contamination on a household basis
- Develop community-specific communication strategies
- Continue highly targeted direct contact
- Share and expand existing resources and the availability of information
- Incorporate Community-Based Social Marketing best practices
- Replicate strategy and approach for other solid waste issues/needs

RECOMMENDED ACTION

Accept ReCREATE Waste Collaborative's Residential Recycling Contamination Pilot Project Final Report

PRESENTED BY

John Davis/Natalie
Lessa/Kirk Kunihiro

FISCAL IMPACT:

Contract completed
within budget

MEETING DATE

February 10, 2022

ITEM NUMBER

6

RESIDENTIAL RECYCLING CONTAMINATION PILOT PROJECT REPORT OF FINDINGS

SUBMITTED by ReCREATE WASTE COLLABORATIVE
JANUARY 31, 2022



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1 Executive Summary

Project Background

The Mojave Desert and Mountain Recycling Authority (MDMRA) contracted with ReCREATE Waste Collaborative (ReCREATE) in July 2020 to conduct a pilot study (study) with the goal of identifying and reducing contamination in the residential commingled recycling stream. The study concluded in November 2021 and this Residential Recycling Contamination Pilot Project Report (Report) provides a project overview, key findings, and recommendations to help inform the development of future education and outreach programs in the MDMRA.

ReCREATE is a solid waste consulting firm based in Long Beach, California that provides technical assistance, community-based social marketing outreach development, waste characterizations, and compliance monitoring services to public, private and nonprofit clients across the state.

The MDMRA is a 9-member agency consisting of municipalities located within San Bernardino County, California. Those member agencies include the City of Adelanto, Town of Apple Valley, City of Barstow, City of Big Bear Lake, City of Needles, San Bernardino County, City of Victorville, and City of Yucca Valley. The study included single-family households from all of the member agencies, including two unincorporated county communities - Joshua Tree and CFA-19 (a franchise area including Oro Grande and part of Helendale).

In addition to working with MDMRA member agency staff, the ReCREATE team coordinated with representatives from waste hauling companies that operate within the jurisdiction: Burrtec Industries, Republic Services, and Big Bear Disposal.

Project Overview

The MDMRA encompasses communities located throughout the geographically largest county in the United States. Its composition of urban and rural (both mountain and desert) communities presents many unique characteristics that impact how solid waste education and outreach may be conducted. The unique make-up of the jurisdiction and the high levels of contamination found at the Victorville Material Recovery Facility (MRF) (33.65% residue in August 2021, for example) made the study essential for identifying a pathway forward for reducing contamination prior to creating a community-wide education and outreach program.

The goal of the study was to determine the most effective communication mediums and messages for creating a change in behavior, specifically – for reducing contamination in the region’s single-family curbside recycling waste stream. As part of the study, the ReCREATE team designed and implemented an education and outreach campaign that primarily consisted of providing in-person, door-to-door outreach (“direct contact”) and cart tagging, amongst other strategies described in Section 3 of this Report.

The primary objectives of the study included the following:

Objective 1: Test the impact of various outreach mediums (print, digital, social media, and in-person (“direct contact”) on residential recycling contamination levels

Objective 2: Test public perception of various messaging campaigns (environmental impacts, financial impacts, and impact on the safety of local workers)

Secondary objectives that were tested during the study include the following:

- Identify specific challenges that residents have to recycling right
- Identify specific benefits that residents have to recycling right
- Identify local groups, associations and organizations that may serve as champions in the community for sharing information and assisting with social norming of correct recycling behavior
- Determine the public’s perception of direct contact during an international pandemic and identify best practices for conducting direct contact in terms of health and safety
- Test the popularity / completion rate of a 10-minute online residential recycling guide
- Test various social media messaging strategies and the public’s use of social media platforms

There were two primary components to the study: the outreach component, which included the creation of various print and online materials and the delivery of outreach strategies at individual single-family households; and the waste characterization component, which included pre and post- cart-based waste characterization studies to determine the comparative impacts of each outreach strategy. The first waste characterization is referred to in this Report as Round 1, the second as Round 2. These two components are described in detail in Section 2 and 3 of this Report.

The ReCREATE team tested two outreach groups¹, based on the education and outreach mediums received, within each community:

Oops Tags Only Group: Households received a paper Oops Tag (Attachment 2) affixed to the recycling cart indicating contamination in 5 primary categories.

Oops Tag and Direct Contact Group: Households received a paper Oops Tag and received in-person outreach at the door (i.e. “direct contact”).

The intent of testing these different groups was to collect comparative data that would help to determine the impact of each medium and their effectiveness within each community.

¹ The ReCREATE team originally had planned to execute waste characterizations on three test groups: Oops Tag Only, Oops Tag and Direct Contact, and a Control. However, upon further discussion with the member agencies and the evident sensitivities of COVID-19 on direct contact, it was determined that sending a Notification Letter to residents potentially included in the study would be the most appropriate pathway forward. For that reason, the nature of the Control group changed from being an uninfluenced observation of behavior to being a Notification Letter Only group. For the purposes of this Report, we did not include Notification Letter Only group data as the households sampled (20 total) did not yield a high enough level of confidence from the total pool of data to provide for a valuable analysis. Additionally, there is no way of knowing which households opened the Notification Letter and therefore the outreach details of the group are uncertain.

The ReCREATE team also tested three different types of messages when conducting direct contact, each of which addressed the reasoning behind why proper source separation of trash and recyclables is important. Messaging focused on the impacts of proper recycling on the environment (litter control, reduction of impact on natural resources, climate change), economics (cost of solid waste service, operation down time at the local MRF, recycling markets), and safety of local workers (dangers at the local MRF, the human element of recycling operations).

Key Findings

This Report presents findings of a reduction in contamination among the 5 primary contaminants (Food, Yard Waste/Dirt, Plastic Film, Clothing/Textiles, Residual/Trash), as well as the total change in contamination. See the Waste Characterization Methodology section for the list of contaminant categories identified during the waste characterization.

- A key finding of the study as evidenced by the waste characterization data was a substantial reduction in contamination in both of the test groups.
- Recycling contamination was reduced substantially in the two outreach groups (Oops Tag Only, and Oops Tag and Direct Contact). Across all communities, the total reduction in contamination for the Oops Tag Only group was 43%. The reduction in contamination for the Oops Tag and Direct Contact was 33.21%.
- For the Oops Tag and Direct Contact group, a reduction in contamination (all categories) was observed in seven out of ten of the communities. For the Oops Tag only group, a reduction in contamination (all categories) was observed in eight of the ten communities.
- In the Oops Tag and Direct Contact group, a reduction in contamination was observed in each of the 5 Primary Contaminant categories except for food. For the Oops Tag only group, a reduction in contamination was observed in all 5 Primary Contaminant categories.
- 96% of residents who received direct contact wanted to receive information and accepted material provided, and 4% of residents were not at all interested.
- The most confusing items for residents to understand how to recycle included plastic bags, aseptic containers, clothing, and food containers contaminated with food (residents were unsure of how “clean” a product had to be to be accepted in the recycling program).
- The vast majority of residents connected most with messaging that addressed the safety of local workers, followed by the economic impact of recycling right. The least popular messaging was about environmental impacts.

Detailed results of the outreach and waste characterization can be found in Section 2 and 3 of this Report.

2 Education and Outreach Summary

Education and Outreach Overview

The outreach component of the study included the delivery of in-person, direct contact outreach to 1,200 households selected from communities throughout the MDMRA member agencies.

The number of households to receive outreach was based on the sample size recommended for a representative sample for the total number of households in the entire community, which is 86,794

combined for the nine member agencies. Household selection within each community was predicated upon feedback from MDMRA member agency staff and based on recycling collection routes. Households were included from a total of 15 recycling collection routes located throughout the ten communities. Each agency was allocated one route, with the remaining six distributed on community population. Households were selected from route data (address lists) that were provided to the ReCREATE team by the waste hauler of that route's community. The ReCREATE team analyzed the route data to identify and select households which were suitable for inclusion in the study.

The total number of routes included was based on the initial total number of samples the ReCREATE team wanted to sample for the waste characterization component, which was 150, or 10 per route, and an additional 2 more households per route to serve as controls (sampled, but did not receive any form of outreach), for a total of 12 per route and 180 total.

The primary considerations for inclusion in the study included collection routes/areas with households that were representative of the community at large, likely to have measurable contamination, and accessibility by outreach staff. Households in the study were consecutive addresses, in the sense that most were contained on the same street, block, neighborhood, etc. This density was needed for efficiency of fieldwork and study logistics.

Households to receive direct contact were selected based on criteria of safety, route efficiency, and representative samples. For any households that contained one of the below criteria, the outreach team skipped the house and added another house nearby.

- Households with long driveways
- Households with a gate that required opening a door or lock to access
- Households with a "no solicitation" or "no trespassing" sign
- Households with a dog(s) in the front yard

Direct contact began two weeks after the Round 1 waste characterization. During direct contract outreach, the outreach team maintained a list of which households were sampled during Round 1, and which were assigned to receive direct contact. Due to the unpredictable nature of which of the sampled households would be available at the door for direct contact, outreach group types were not pre-assigned. The outreach team first attempted to provide direct contact to 5 households on a given route to achieve the goal of 5 households receiving direct contact and the remaining 5 households per route being designated as an Oops Tag Only household.

The ReCREATE team provided the member agencies with a Notification Letter draft (Attachment 1) which they could use to give advance notification for households that would possibly receive direct contact. Most agencies chose to send this letter to these households, though all did not. The letter was sent out in the weeks leading up to the first waste characterization.

Methodology

The outreach team conducted direct contact over two separate weeks during October - November 2021. The communities included during each week were determined based on geographical proximity and routing efficiency in the field. The outreach team included three staff at any given time, and there was always a bilingual Spanish speaker on staff. Prior to conducting outreach, ReCREATE created a

Residential Recycling Survey to gauge the public's perceptions about recycling and interest in participating in various messaging campaigns. The results of the survey can be found in Attachment 7.

Testing the Medium

The goal of the education and outreach component was to test various mediums and messages. The mediums used to provide education and outreach to residents includes a print Oops Tag, Postcard, Household Hazardous Waste Flier (from San Bernardino County), an Online Residential Recycling Guide, and direct contact.



Oops Tag

The Oops Tag, which can be found in Attachment 2, was provided to all households except the Control during Round 1 waste characterization fieldwork. Up to three contamination items were indicated on the Oops Tag, in a black or red sharpie, for any given residence. The Oops Tag was printed on bright yellow cardstock as is common in other cities that use similar tags for identifying contamination at the curb.

The outreach team spoke with residents about the specific items that were indicated on the Oops Tag as being contaminants. The majority of residents were familiar with the Oops Tag and had remembered receiving it, though a few mentioned that they had not received one at all. It is possible that the individual that brings the recycling bin to the curb was not the same person that answered the door, or that it was mistaken as being solicitation and was not read.

Postcard

A Postcard (Attachment 3) was created and used to help facilitate conversation during direct contact. The outreach team used the Postcard to educate residents during direct contact about trash tips and recycling rules, as well as to take a pledge to “recycle right”. Residents were encouraged to keep the Postcard in a public space in the home, such as the refrigerator, for everyone in the household to see.



HHW Flier

The outreach team provided San Bernardino County HHW Fliers to 64 households (50 in English, 14 in Spanish). HHW fliers were provided to all households that had HHW or E-Waste identified in Round 1. Households where residents were seen to be working outside or in the garage where HHW or E-Waste could be seen also provoked the distribution of the HHW flier.

Online Residential Recycling Guide (“Online Guide”)

In response to COVID-19 and an increasing amount of outreach being conducted virtually, the ReCREATE team created an online training guide that was made available and promoted to residents during direct

contact. A QR Code on the postcard provided a direct link to the Online Guide. Residents were informed that completion of the Online Guide would enter them into win a monetary gift card.

The Online Guide contained 5 short lesson plans with videos of local recycling processing, quiz questions (see below) and helpful tips to recycling right. The Online Guide can be found at www.urecycle.org/course.

Test Your Knowledge

Which of these is a recycling rule in your community?

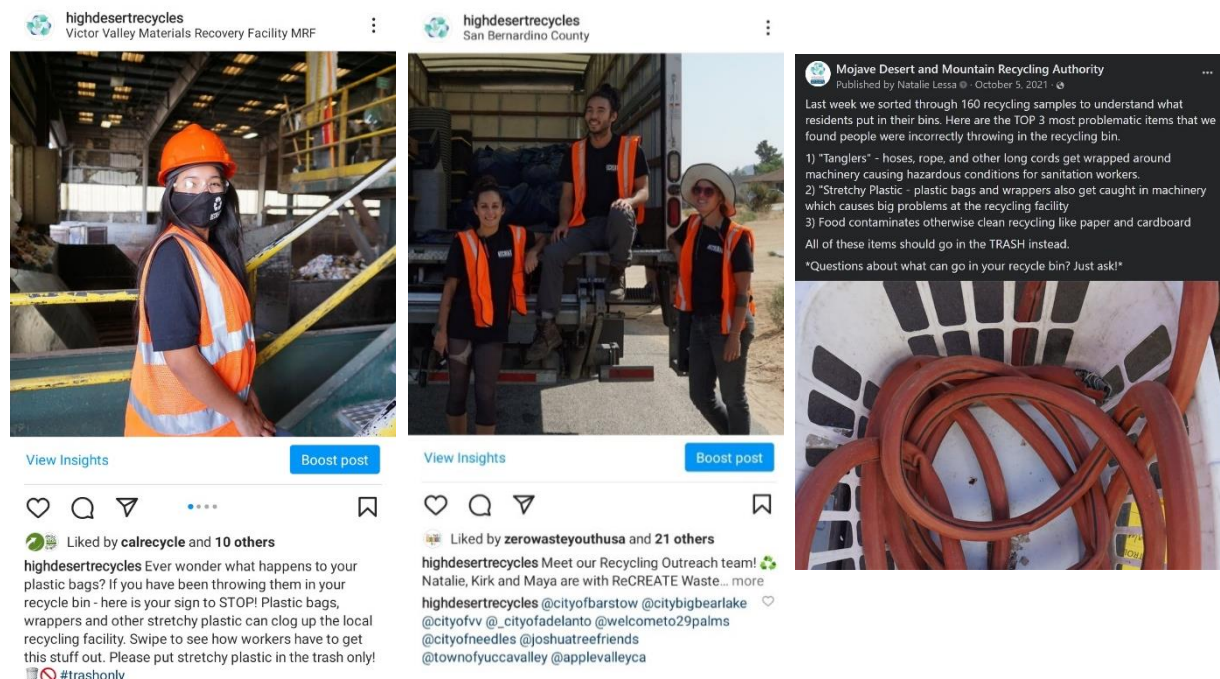
- ☐ Paper should be clean and dry
- ☐ Glass should be rinsed with lids removed
- ☐ Metal should be rinsed
- ☐ Plastic includes only bottles, tubs and jugs
- ☐ All of the above

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Social Media

For the 6-week period between Round 1 and Round 2, the ReCREATE team managed the MDMRA Facebook and MDMRA Instagram page (which was created at the onset of this study). The Instagram content largely came from fieldwork activity (waste characterizations and direct contact). See below for examples of posts that received a high level of engagement. Posts below received 11 “likes” and 22 “likes”, which is one indicator of how successful a post is. This is an increase from the average of 1 to 7 likes that the Instagram account received prior to the ReCREATE team taking over the social media management for the 6-week period. It appears that the most popular posts on Instagram are those that feature staff and showcase the “human” element of the solid waste program. The Facebook post (at right) had approximately 800 interactions, far exceeding the average level of interactions for any given post, most likely because of the local applicability of the post and its insights into the reality of recycling behaviors.



Additionally, the Mojave Desert Mountain and Recycling Authority Facebook account had an increase of 9 followers and Instagram account had an increase of 11 followers during the 6-week period.

Testing the Messaging

The outreach team used three primary messages when speaking with residents: environmental impact, financial impact, and safety of local workers. Specific details of the messaging can be found in Attachment 4 – Direct Contact Script.

COVID-19 Precautions

In order to maintain health and safety best practices when conducting direct contact, the outreach team followed the following precautions:

- Wore a cloth mask covering both nose and mouth at all times
- Maintained at least 6 feet of distance from the door and when speaking with residents
- Used sanitizing wipes whenever engaging with residents (pens, material items, etc.)



Results & Conclusions

The outreach team attempted to conduct direct contact to 1,263 households in the ten communities. Of those households, 63 were inaccessible which includes households with “no solicitation” signs, “beware of dog” warning signs, households that had gates, and/or were Oops Tag Only households that did not need to be visited. Therefore, a total of 1,200 households in the ten communities were accessible and considered a visited household. Of the 1,200 households visited, 718 answered the door and 688 received direct contact, yielding a 60% door answer rate. 95% of door answers received direct contact, which means that a total of 34 households refused outreach by indicating that they were not interested or not accepting a Postcard. 21 households were Spanish-speaking households that received information in Spanish.

A summary of the number of households that were visited, made contact with (i.e. door answers) and that received information during direct contact are provided in the table on the following page.

Table 1 – Summary of Direct Contact

Member Agency	Visited	Door Answers	Received Info
Adelanto	106	69	67
Apple Valley	314	174	170
Barstow	86	61	60
Big Bear Lake	23	12	12
CFA-19	18	12	12
Joshua Tree	65	31	26
Needles	25	15	14
Twentynine Palms	108	46	46
Victorville	416	242	229
Yucca Valley	102	56	52
Total MDMRA	1,263	718	688

Regarding the three different messaging types used, in cases where the resident was intrigued by the recycling education and had more time to talk, the outreach team emphasized specific messaging based on what was identified as being the residents interest. The majority of residents were particularly interested in how their recycling behavior impacted local recycling workers, followed by the financial impact of contamination, and lastly the environmental impact. In many instances, however, the resident did not provoke conversation or ask questions and none of the messages were emphasized.

Online Guide Results

32 people completed the Online Guide and committed to the “Pledge to Recycle Right”. A breakdown of where the residents lived is as follows: 6 – Apple Valley, 10 – Barstow, 3 – Joshua Tree, 1 – Needles, 2 – Twentynine Palms, 8 – Victorville, and 2 were from jurisdictions outside of the MDMRA limits (Morongo Valley in and San Bernardino). It can be assumed that the vast majority of the residents that completed the Online Guide received direct contact, as the Online Guide was not promoted via any other mediums.

Of the 32 individuals that completed the Online Guide, only one was from a household that was included in the study group. The results of this household’s change in behavior was 30% lower contamination than the average for the project (Oops Tag and Direct Contact) group. Specifically, the household had 22 pounds of contamination during Round 1 and 7 pounds of contamination in Round 2, yielding a reduction by 15 pounds and 69% which is noteworthy but not necessarily significant since results were received for only one household.

Commonly Asked Questions, Feedback and Concerns

Some general feedback and concerns that were expressed by residents include the following:

- Rates for trash and recycling need to incentivize non-contamination.
- For people that received the Oops Tag and remember receiving it, the majority were very appreciative to receive more information and wanted to know the right way to participate in the recycling program. Some residents, however, did not remember receiving the Oops Tag at all.
- Many residents liked the idea of the pledge and particularly for helping to educate their household (spouse, kids, etc.) if they weren’t home at the time of the outreach. Residents expressed that they would share the pledge with their household.

- Residents that had recently moved from other cities expressed that they did not know where to receive information about the solid waste program.
- People were most surprised to learn that plastic bags were an item that should be disposed of in the trash.
- A lot of the residents expressed interest in receiving green waste collection service (which is not currently available). Residents expressed that yard waste was cleaned up a few times a year and at those times, they would generate a large volume of yard waste that does not fit in the trash bin (which was already full).
- Residents were concerned about illegal dumping and what they could do about it.
- Residents felt that they shouldn't be held responsible for what other residents are doing (i.e. contamination), for example if rates increase because of contamination but the individual household is not contaminating their bin, why are they paying the same as their neighbor who may have heavy contamination.
- Concerned about timeline for cities to begin penalizing for contamination.
 - Recycle bins might be contaminated by illegal dumping and in that case, will the resident be fined for contamination.

Some residents indicated needing to make changes to their account but were unsure of how to do so. During these instances, the outreach team would walk to the trash and recycle bin with the resident to locate a phone number and in cases where there was not one (which were most) the outreach team provided the phone number to the residents' waste hauler. Examples of changes that were needed included switching from a cart service to a bin service and arranging for bulky item collection.

Many residents had questions about what to do with particular items. The most common items the outreach team received questions about are below:

- Plastic bags
- Dog/cat food bags
- Aseptic containers (soy milk cartons)
- Yard waste

3 Waste Characterization Summary

Waste Characterization Overview

The ReCREATE team designed the study to assess the impact of the two outreach strategies on recycling behaviors at the household level before and after outreach. Therefore, a household level, cart-based waste characterization was employed to monitor recycling behaviors pre/post-outreach by collecting samples from households prior to the direct contact (Round 1), and after the outreach efforts concluded (Round 2).

The study was designed to collect recyclable material from 180 households. The number of samples that could be included in the study was limited by the available study budget and logistical limitations. The communities are spread across the largest county in the United States, which meant that a significant amount of time needed to be spent traveling between the communities during sampling, leaving less time to sort a higher number of samples. For instance, the travel time between Needles and Joshua Tree

was approximately three hours. Those two communities only had one recycling route, both on Monday, which meant that the team began sampling in Needles at 5:30 AM, early enough to account for travel time and make it to Joshua Tree to collect samples before the material was collected there. In Joshua Tree, trash and recycling is collected by the same collection vehicle with trash collected first and recycling later in the day. A best effort was made by the ReCREATE team to avoid delaying the usual collection schedules.

The sampling team collected samples from the same households during Round 1 and Round 2 in order to have a side-by-side comparison of waste contamination changes, as opposed to an aggregated total. Both rounds of sampling occurred on the same day of the week (the collection day), with the two sampling periods occurring approximately six weeks apart, which meant that households were texted for behavior change anywhere from two weeks to four weeks after receiving the direct contact and up to 6 weeks after receiving the Oops Tag. It can be assumed that if the Round 2 characterization was conducted during a closer timeframe to receiving outreach, higher rates of contamination reduction would be noticed as behavior begins to shift back to previous patterns over time.

During Round 1, samples were collected from a total of 178 households. During Round 2 an attempt was made to collect samples from every household sampled in Round 1, however 51 households were not able to be collected due to lack of cart set-out or because the waste hauler collected material before the team arrived. Therefore 127 households sampled in Round 1 were able to be collected in Round 2. Of the 127 one-to-one household data sets included in the results, 20 of them were Notification Letter Only, 50 were Oops Tag Only, and 57 were Oops Tag and Outreach households.

The final data analysis is based on these 127 one-to-one data sets, minus three of what will be referred to as “outliers”. Outlier households included contamination with weights that threw off the data with significant effect and were unusual occurrences e.g. construction & dishes. A decision was made in discussions with MDMRA staff to provide the data without these outliers. More detail on outliers can be found the Waste Characterization Results section.

Based on the sampling target of 180 households out of the 1,200 households in the total study, the confidence level was initially expected to be 95% with a confidence interval of approximately 7. However, due to the actual one-to-one set out rate experienced by the sampling team being lower, the actual study confidence level is 95% with an interval of approximately 8. In other words, ReCREATE can be 95% certain that the changes in contamination observed are within an 8% margin of error.

After waste characterization and direct contact fieldwork concluded, data analysis was conducted and data quality control measures employed, including cross referencing address lists in the outreach team data and waste characterization samples.

Methodology

An analysis of recycling behavior data at the household level was conducted through cart-based sampling. Cart-based sampling involves collecting material directly from a resident’s cart that has been put out for collection. The contents of the cart are characterized through a hand sort into categories specified by the study. A cart-based sampling approach was employed in order to provide a comparative analysis between the households which only received an Oops Tag, and those which received an Oops Tag and direct contact at the door.

To obtain truly comparative data, a key objective of the sampling methodology was to sample in Round 2 the same households sampled in Round 1. It should be noted that this approach was dependent upon the resident putting out their cart for collection during Round 2 sampling.

Planning & Implementation

Prior to conducting fieldwork, a list of households to be sampled was selected from the total list of 1,200 households. This list was selected from route data provided to the ReCREATE team by the community's waste hauler. Households were selected for sampling based upon a number of factors including input from member agency and hauler staff, and accessibility for the outreach team. Research was done for each community using Google Maps to determine suitability of households along the route to be sampled.

This list was intended to be a "sample pool", providing flexibility to the sampling team when in the field, and included between 10-12 more households than the sampling target number of 12 per route. In the event that one household on the list did not have a set out, the team could collect a sample from another household. The list itself consisted of addresses and information relating to the route along which samples were being collected.

Of primary concern was ensuring that the sampling team arrived at the targeted households with full carts. The household/address list was provided to the hauler staff in that community and much communication occurred to ensure that the route drivers were made aware of the fieldwork and did not collect the carts targeted for sampling.

Much coordination was needed between the ReCREATE team and hauler staff to arrange for sample collection. It was arranged for the sampling team to meet with and have member agency staff or hauler staff with us during sample collection in order to allay any resident's concerns about the team's activities. The presence of a hauler representative also helped ensure that material was not collected before the sampling team could collect it, though that did occur during Round 2. More details on these instances are described in the Results sub-section.

Round 1 was conducted from Monday, September 27 to Friday, October 1, 2021. Round 2 was conducted from Monday, November 15 to Friday, November 19, 2021. The following table is the sampling schedule, which indicates which communities were sampled on which day. Note that the cities of Adelanto and Victorville, and Town of Apple Valley, had more than one route and are labeled as such. The sampling team stayed in local accommodation and began sampling each day by 5:30 AM.

Table 2 – Sampling Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
Needles Joshua Tree	Yucca Valley Twentynine Palms	Barstow CFA-19 Victorville 1 Victorville 2	Apple Valley 1 Apple Valley 2 Victorville 3 Victorville 4	Big Bear Lake Adelanto 1 Adelanto 2

Sample Collection

The sampling team utilized a 26-foot box truck and plastic tarps to collect samples in the field. Upon arriving at the first household on any given route, the sampling team would reference the address list and begin by collecting a sample from the first address on the list with a recycling cart set out. A sample ID placard was used to track individual samples.

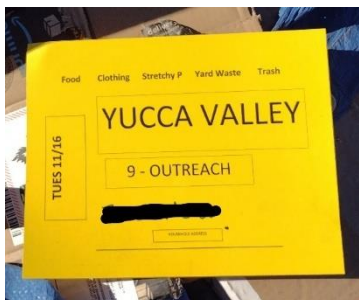
It was during the first round of waste characterization that Oops Tags were affixed to carts. Carts in the Notification Letter Only group did not receive an Oops Tag.



The team included carts that had a level of 10% or more of contamination visible through a visual lid flip. The reasoning to this is because carts without contamination would not provide useful data for the purposes of the study (i.e. there would be no change to evaluate as part of the study).

The sampling collection procedure is as follows:

- Identify the cart/household (carts were in most cases easy to associate with one home/address)
- Wheel the cart to back of the truck and pull/lift inside for emptying
- Fill out ID placard (Attachment 5) with household address
- Enter address into a tracking sheet
- Empty entirety of contents of the cart into a tarp and identify contaminants
- Complete the ID placard with contaminant info
- Complete the Oops Tag with an indication of the type of contamination material
- Place sample ID placard into tarp with sample material, wrap up tarp and stow sample
- Attach the Oops Tag to the cart (if not Notification Letter Only household) and return to the location where it was collected from.



Sample ID Placard Description

The sample ID placard was pre-numbered with a space to note the household address. It was designed to be able to note the presence of the 5 primary contaminants identified previously by the team as being the most important to provide outreach on. This information was recorded for later access by the outreach team when conducting direct contact. For example, if the sampling team found specific contaminants like Styrofoam or plastic wrap, the outreach team was able to see that information in the notes for that household and educate the resident on these specific contaminants.

The sampling team had a system in place for tracking which households were sampled. Utilizing a tracking sheet (Attachment 6) to record the sample and address as a redundant data tracking system, in addition to using ID placards, ensured that the team would be able to identify which households were Notification Letter Only and which were to receive direct contact.

Member agency and/or waste hauler staff accompanied the sampling team during sample collection in order to allay any resident's concerns about the sampling team's activities.

Once sample collection was completed for a route, the team would proceed to the next route. Once all routes were collected for that day, the team proceeded to the sorting location. The sampling team utilized two sorting locations – the Twentynine Palms Public Works Yard and the Victor Valley MRF & Transfer Station.



Sorting

Upon arriving at the sorting location, the sampling team set up the sorting area which included the sorting table, baskets, and 33-gallon trash barrels (pictured at right).

Prior to sorting a sample, photos were taken of the entirety of the sample with ID placard clearly visible. Having these photos contributed to the quality control process during data analysis. For instance, a sample might show usually high weight for one particular category. The ReCREATE team could reference the sample photo to verify the presence of that amount of material and ensure it wasn't an entry error.



Once the sample photo was taken, the sample could be sorted. Sorting was done by the same team that collected the samples. Once the entirety of sample was sorted into the 19 categories, the sample categories were then weighed and logged directly into a data tracking spreadsheet using an internet connected tablet. The sample was sorted until the it reached a point where the only material left were "fines", or debris ½ inch or less (which became the "Remainder" of the "Remainder/Other" category).

The table below shows the 19 material categories that samples were sorted into, which was developed with input from member agency and hauler staff. Additional descriptions can be found in Attachment 8 – Material Category Definitions and Sorting Specifications. Accepted materials included items that are

accepted in the recycling programs in the MDMRA communities and at the Victor Valley MRF. The goal of the material list was to identify what particular contaminants were found, and at what levels, in Round 1 and Round 2.

Table 3 – Material Category Sorting List

Accepted Materials	Non-accepted Material (Contaminants)
<ol style="list-style-type: none"> 1. Paper 2. Plastic 3. Metal 4. Glass 	<ol style="list-style-type: none"> 1. Food 2. Non-accepted paper 3. Non-accepted plastic 4. Non-accepted glass 5. Non-accepted metal 6. Yard waste/dirt 7. Tangles 8. Plastic bags & film 9. Textiles/shoes 10. HHW 11. E-waste/batteries 12. Diapers 13. C&D/wood 14. Other/Remainder 15. PPE

Weighing

Once the entire sample had been sorted, it was weighed with a scale that measured up to .05 pounds. For a category with a material in the basket but a non-registering weight (under .05 pounds), a weight was assigned between .01 and .04 pounds, depending on the volume of material.

Weights were recorded directly into a data management spreadsheet developed by the ReCREATE team. The sampling team utilized an internet connected tablet to record the weight data in the field.

Results & Conclusions

By comparing the Round 1 and Round 2 waste characterization data, a substantial reduction in contamination was observed.

Reduction in Overall Contamination:

- Oops Tag Only - 43.81% reduction in all contamination categories
- Oops Tag and Direct Contact – 33.63% reduction in all contamination categories
- For all contamination categories, in the Oops Tag and Direct Contact group, a reduction in contamination was observed in seven out of ten of the communities. For the Oops Tag only group, a reduction in contamination was observed in eight of the ten communities.

Reduction in 5 Primary Contaminants (Food, Yard Waste/Dirt, Plastic Film, Clothing, Residual/Trash):

- Oops Tag Only - 23.21% reduction in 5 primary contaminants
- Oops Tag and Direct Contact - 36.64% reduction in 5 primary contaminants
- In the Oops Tag and Direct Contact group, a reduction in contamination was observed in every Primary Contaminant category except for food. For the Oops Tag only group, a reduction in contamination was observed in all 5 Primary Contaminant categories.

The following photos provide a visual for the change in contamination for an individual household before and after outreach. This household (Sample 4 from Twentynine Palms) was in the Oops Tag and Direct Contact group.



Before outreach, nearly 20 pounds of yard waste (black bag), .5 pounds of food.



Same household after outreach, no prevalence of yard waste or food; increase in accepted recyclable materials.

On the following page is a summary of the changes in all contamination categories by each outreach group. The table includes the change in weight in pounds (wt) and the change in percentage (%). Note that green indicates a positive - or increase - in contamination and red is a negative - or decrease - in contamination. Table 4 shows that a reduction in contamination was observed in the overwhelming majority of communities and outreach types.

It is also important to note that Table 4 shows the changes in contamination measured over a short period of time (less than two months) and is not representative of a community or the MDMRA's overall program success. Additionally, as mentioned previously in the Methodology Overview of this section, only carts with a contamination level of 10% or more were included in the study.

Table 4 – Changes in All Contamination Categories Pre/Post Outreach

Change	Oops Tag Only	Oops Tag and Direct Contact
Adelanto²		
Wt	5.10	13.52
%	11.37%	27.97%
Apple Valley		
Wt	-48.16	4.73
%	-61.85%	18.23%
Barstow		
Wt	-19.09	-31.58
%	-36.80%	-63.30%
Big Bear Lake		
Wt	-2.29	-3.14
%	-40.89%	-46.45%
CFA-19		
Wt	-25.87	-21.89
%	-85.32%	-44.41%
Joshua Tree		
Wt	14.09	-0.46
%	90.07%	-5.95%
Needles		
Wt	-0.91	-5.51
%	-7.03%	-16.04%
Twentynine Palms		
Wt	-9.40	-20.63
%	-39.38%	-94.11%
Victorville		
Wt	-75.27	-58.54
%	-73.98%	-61.94%
Yucca Valley		
Wt	-9.89	3.57
%	-38.94%	15.92%
MDMRA Community Summary		
%	-43.81%	-33.21%

As the table above demonstrates, the Oops Tag Only group yielded higher rates of contamination reduction across the entire MDMRA communities. However it should be noted that of the 10 communities measured, half of them yielded higher rates of contamination reduction in the Oops Tag and Direct contact group (Barstow, Big Bear Lake, Joshua Tree, Needles, Twentynine Palms), and half of them yielded higher rates of contamination reduction in the Oops Tag Only group (Adelanto, Apple Valley, CFA-19, Victorville, and Yucca Valley).

The table on the following page shows the changes in the 5 primary contaminants for each community.

²One possible explanation as to why contamination increased in both groups in Adelanto is that data is only available for one of the two routes sampled in Round 1. Due to the material being collected from one of the routes before the sampling team arrived during Round 2, the sample size is half of what was intended for Adelanto.

Table 5 – Analysis of Primary Contamination Categories

<u>Group</u>	<u>Change</u>	<u>Food</u>	<u>Yard Waste/Dirt</u>	<u>Plastic Film</u>	<u>Clothing/Textiles</u>	<u>Other/Residual</u>
<u>Adelanto</u>						
<u>Oops Only</u>	<u>Weight</u>	7.45	0.05	0.75	-3.60	2.60
	<u>%</u>	63.14%	-	46.88%	-80.00%	45.61%
<u>Oops and Outreach</u>	<u>Weight</u>	18.70	0.00	0.20	-11.15	-1.35
	<u>%</u>	186.07%	-	16.00%	-82.90%	-23.48%
<u>Apple Valley</u>						
<u>Oops Only</u>	<u>Weight</u>	-4.15	-16.80	-0.74	0.25	-11.78
	<u>%</u>	-48.26%	-93.07%	-24.67%	35.71%	-69.29%
<u>Oops and Outreach</u>	<u>Weight</u>	3.60	0.00	0.05	0.00	3.77
	<u>%</u>	97.30%	-	1.47%	-	142.26%
<u>Barstow</u>						
<u>Oops Only</u>	<u>Weight</u>	-5.10	-0.25	-0.70	-0.97	3.10
	<u>%</u>	-40.96%	-100.00%	-39%	-28.36%	40.52%
<u>Oops and Outreach</u>	<u>Weight</u>	-0.45	0.00	-0.35	-9.85	-22.40
	<u>%</u>	-20.00%	-	-17.95%	-100.00%	-94.47%
<u>Big Bear Lake</u>						
<u>Oops Only</u>	<u>Weight</u>	0.00	0.00	0.00	0.00	2.95
	<u>%</u>	-	-	0%	-	-
<u>Oops and Outreach</u>	<u>Weight</u>	-0.35	0.00	-1.09	0.00	-0.75
	<u>%</u>	-14.58%	-	-87.20%	-	-93.75%
<u>CFA-19 (Mountainview Acres)</u>						
<u>Oops Only</u>	<u>Weight</u>	-7.55	-11.70	-0.60	2.40	-1.40
	<u>%</u>	-91.52%	-100.00%	-100.00%	1200.00%	-82.35%
<u>Oops and Outreach</u>	<u>Weight</u>	-4	0	-0.15	2	-12.04
	<u>%</u>	-47.06%	-	-4.92%	125.00%	-55.61%
<u>Joshua Tree</u>						
<u>Oops Only</u>	<u>Weight</u>	10.00	-4.35	0.80	0.15	0.00
	<u>%</u>	1333.33%	-100.00%	26.67%	-	0.00%
<u>Oops and Outreach</u>	<u>Weight</u>	-0.59	0.00	-2.15	-0.05	0.40
	<u>%</u>	-26.22%	-	-86.00%	-100.00%	-
<u>Needles</u>						
<u>Oops Only</u>	<u>Weight</u>	1.72	0.00	-1.75	2.05	-0.70
	<u>%</u>	90.53%	-	-70.00%	-	-17.28%
<u>Oops and Outreach</u>	<u>Weight</u>	1.35	0.00	-0.01	0.00	15.25
	<u>%</u>	270.00%	-	-4.76%	-	4357.14%
<u>Twentynine Palms</u>						
<u>Oops Only</u>	<u>Weight</u>	-6.70	0.00	-1.50	-0.15	-5.34
	<u>%</u>	-92.41%	-	-55.56%	-100.00%	-51.05%
<u>Oops and Outreach</u>	<u>Weight</u>	-0.58	-19.85	-0.55	0.00	0.01
	<u>%</u>	-96.67%	-100.00%	-72.37%	-	-
<u>Victorville</u>						
<u>Oops Only</u>	<u>Weight</u>	-13.35	-0.25	-6.25	-9.15	-21.44
	<u>%</u>	-70.45%	-100.00%	-67.20%	-93.85%	-81.21%
<u>Oops and Outreach</u>	<u>Weight</u>	-4.19	-0.04	-1.39	-2.26	-34.79
	<u>%</u>	-71.02%	-26.67%	-20.44%	-25.08%	-83.01%
<u>Yucca Valley</u>						
<u>Oops Only</u>	<u>Weight</u>	-12.10	0.00	-0.85	-1.15	11.20
	<u>%</u>	-86.74%	-	-60.71%	-100.00%	-
<u>Oops and Outreach</u>	<u>Weight</u>	6.14	0.00	-0.05	-2.60	8.11
	<u>%</u>	1203.92%	-	-2.44%	-85.25%	180.22%
<u>Mojave Desert and Mountain Recycling Authority Community Summary</u>						
<u>Oops Only</u>	<u>Weight</u>	-29.78	-33.30	-10.84	-10.17	-20.81
	<u>%</u>	-35.69%	-96.24%	-42.79%	-51.18%	-26.51%
<u>Oops and Outreach</u>	<u>Weight</u>	19.63	-19.89	-5.49	-23.91	-43.79
	<u>%</u>	53.55%	-99.45%	-23.64%	-64.60%	-43.22%

There were instances in the field that led to some originally identified samples not being included in the study. For example, during Round 2 sampling, a collection vehicle collected material from some of the targeted households on one route in Victorville before the team could collect all of the samples assigned to that route. As well, one entire section of an Adelanto route was collected before the team could collect the sample. For these reasons, in addition to a household not having a set-out in Round 2, reduced the number of one-to-one data sets that were able to be obtained.

During Round 1, the team collected 180 samples, but had to exclude two samples in Needles due to an error in the field.

Outlier Data Points

It should be noted that in discussions with MDMRA staff, it was decided to exclude what the project team referred to as “outliers”. Three outlier samples were removed from the original data due to their skewing of the data in ways that could be inaccurately interpreted without context. Different factors were considered, including the overall characteristics of the samples in that community. The three outlier samples removed are described below:

- In the Big Bear Lake, contamination was present but minimal, and all of the samples were almost entirely made up of lightweight, accepted recyclable materials. One sample collected during Round 2 had a heavy set of ceramic plates (categorized as Other/Residual) that weighed more than all the other samples’ “Other/Residual” weight combined. In effect, this would have made the data appear to show a substantial increase in contamination for that community, when in reality, the remaining 11 of the 12 samples were nearly contamination free in Round 2, and besides the plates, the sample was nearly free of contamination.
- In Joshua Tree, an approximate 64 pound increase from the initial .05 pound (or 128,300%) in “Other/Residual” contamination due to the presence in Round 2 of what can be described as a dense mixture of trash, clay, yard scrapings, and pet waste.
- In the Barstow one sample was collected during Round 1 that had over 93 pounds of construction and demolition (C&D), while the rest of the Barstow samples had virtually no C&D contamination.

4 Recommendations

The findings of the study, described in Section 1, provide insights into the effectiveness of various education and outreach strategies to guide the MDMRA’s development of future outreach/education and contamination monitoring programs. Based on these findings, ReCREATE recommends the MDMRA consider the following:

- Continue to monitor contamination on a household basis
 - Expand the cart tagging program communitywide (more routes/more households) and increase the frequency from one-time to repeating, from twice to four times annually.
 - Partner with local community college programs to engage students and support the lid flipping and cart tagging initiative. The MDMRA’s Green Team and Master Composter Groups may be a source of motivated and informed staffing as well.
 - Schedule regular check-ins with Victor Valley MRF staff to assess whether progress in contamination reduction is being made. Only Needles uses another MRF for processing.
- Develop community-specific communication strategies

- Create a unique campaign for communities of high tourism (such as Joshua Tree and Big Bear Lake). This could look like encouraging rental unit owners to include recycle right information in booking reservations, keeping the Postcard in a visible location (such as the refrigerator), requiring guests to pledge to recycle right and dispose of trash in a responsible way, including adequate solid waste information in reservation information, and recommending fees to guests that contaminate the recycling bin or dispose of waste incorrectly.
- Partner with local tourism boards to create education campaigns targeting visitors.
- Utilize social norming tactics, such as by encouraging visitors to “live like the locals” and properly separate their trash and recycling.
- Emphasize outreach resources in communities found to have high contamination.
- Continue highly targeted direct contact³
 - Continue residential direct contact, specifically in highly targeted neighborhoods (i.e. routes with very heavy contamination).
 - In-person direct contact could be reserved for households found to be non-responsive to cart tagging alone.
 - Use in-person residential outreach at local events to maximize interactions and resources.
- Share and expand existing resources and the availability of information
 - Share and promote the online residential recycling guide communitywide (consider continuing incentives for participation).
 - Continue to use social media for sharing localized content, for example: contamination found at the Victor Valley MRF, a day in the life of a solid waste employee, residents pledging to recycle right, residents sharing why recycling right is important (i.e. highlighting benefits), descriptions of how to properly dispose of hard-to-recycle items, municipal services available in the solid waste program, etc.
- Incorporate Community-Based Social Marketing best practices
 - Develop a “This Household Recycles Right” sticker that can be affixed to recycling carts of households that have minimal contamination, indicating that the household is participating in, and supporting, proper recycling behaviors. These stickers could be delivered to residents and placed on their carts during the contamination monitoring program described above.
 - Continue to use bright yellow Oops Tags and consider enlarging the size of the Oops Tags, as a highly visual representation of cart contamination.
 - Share the results of the study by highlighting households, routes, or communities within the MDMRA that exhibited particularly low levels of contamination, or that showed the greatest reduction in contamination during the course of the study. Results should be shared publicly, such as via social media, a city council meeting, or other external platforms.
 - Highlight “champion” residents that clearly go above and beyond in the waste reduction behavior.

³ While the findings of the study indicated that direct outreach yielded slightly less reduction in contamination, by weight, than just cart tagging, substantial data exists to support the notion that direct outreach is a highly effective means of behavior change.

- Replicate strategy and approach for other solid waste issues/needs
 - Incorporate strategies used in the study, such as cart tagging, social media, online guide topics, etc. in additional solid waste topics. This could include supporting the implementation of SB 1383, moving recyclable items from landfill to recycling carts, illegal dumping information, food waste reduction, hard-to-recycle items, and other solid waste topics that could be reinforced by outreach and monitoring.

ATTACHMENT 1 - NOTIFICATION LETTER



MOJAVE DESERT & MOUNTAIN RECYCLING AUTHORITY

This Residential Recycling Study is being conducted in partnership with your municipality and the Mojave Desert and Mountain Recycling Authority (the “Authority”), a local agency that administers regional and local waste reduction programs throughout select communities in San Bernardino County.

We’re collecting samples of material from curbside residential recycling carts to determine the composition of the waste stream and identify common contaminants. The study is intended to better understand San Bernardino County residents’ recycling behavior and help the Authority develop effective solid waste education and outreach programs. A team will be conducting door to door outreach in the coming weeks to inform residents about proper recycling practices.

The results of this study will help to:

- develop better education and outreach programs
- increase recycling rates
- reduce contamination in the recycling cart
- create local jobs
- keep waste collection rates low
- improve waste management worker safety

Collected waste composition data will remain anonymous and confidential.

More info on the Authority can be found at urecycle.org. If you have any specific questions or concerns, please contact the Authority by emailing help@urecycle.org.

You can learn more about the Authority’s waste reduction and recycling programs by visiting urecycle.org.



MOJAVE DESERT
& MOUNTAIN
RECYCLING
AUTHORITY

OOPS!

these do not go in the recycling bin



no fabric
or clothes



no stretchy
plastic



no household
trash



no food



no yard waste
or dirt



other

**ATTACHMENT 2 -
OOPS TAG**

It happens! You can do better next time by visiting
www.urecycle.org to learn about
what is accepted in your recycling bin.



MojaveJPA



HighDesertRecycles

RECYCLE

YES YOU CAN!



Place only these types of items in
your curbside recycling bin.



PAPER & CARDBOARD

Clean and dry.



PLASTIC CONTAINERS

No Styrofoam™. No plastic bags or plastic film.



GLASS BOTTLES & JARS

Remove lids
and rinse before
recycling.



METAL CANS & TRAYS

Rinse items before
recycling. Aerosol
cans must be empty of
pressure and product.

The Mojave Desert and Mountain Recycling Authority
plans and implements recycling programs in
High Desert and Mountain communities.
We are working with your hauler to conduct recycling
audits in your neighborhood to learn how we can
improve local recycling programs.
help@urecycle.org (760) 952-0191

RECYCLING RULES

TAKE A FREE 5-MINUTE ONLINE COURSE
TO BECOME A RECYCLING PRO
WWW.URECYCLE.ORG/COURSE



THE ONLY THINGS THAT SHOULD GO IN YOUR RECYCLING BIN ARE
CLEAN AND DRY ITEMS FROM ONE OF THESE FOUR CATEGORIES

PAPER & CARDBOARD



Clean & dry.

PLASTIC CONTAINERS



Bottles, rigid tubs & jugs.

GLASS BOTTLES & JARS



Remove lids and rinse.

METAL CANS & TRAYS



Rinse. Aerosol cans must be
empty of pressure & product.

I pledge to recycle right:

(name)

ATTACHMENT 3 - POSTCARD



MOJAVE DESERT
& MOUNTAIN
**RECYCLING
AUTHORITY**

TRASH TIPS

these items always go in the trash



HOUSEHOLD TRASH

All other miscellaneous items not found on the other side of this card



STRETCHY PLASTIC

All plastic bags, ziplocks, chip bags, wrappers and plastic wrap



CLOTHING

All clothing, towels, shoes, and other fabrics (*consider donating first*)



DIRT & OTHER YARD WASTE

All dirt, leaves, branches, prunings, and other yard waste



WASTED FOOD

All leftover food, food scraps, or containers dirty with food

Due to changing State of California law, food scraps and yard waste soon may be placed in a separate container for composting. Please continue to place food scraps and yard waste in your trash or home compost until further notice.

VISIT WWW.URECYCLE.ORG TO LEARN MORE ABOUT RECYCLING IN YOUR COMMUNITY



MojaveJPA



HighDesertRecycles

FOR MORE INFORMATION:

CALL (760) 952-0191

EMAIL HELP@URECYCLE.ORG

ATTACHMENT 4 - DIRECT CONTACT SCRIPT

Door-to-Door Outreach Script:

Hello, how are you today?

I am here on behalf of the City of [city name] and I'm here to share some important information with you about the city's trash and recycling program. There have been some changes so we're going throughout the community making sure everyone knows what can and cannot go in your [color] recycle bin. Do you have a few minutes?

The first thing we have to share with you is this postcard that describes what *is* allowed in the recycle bin. You will see that there are 4 primary categories of material that are allowed – paper and cardboard, hard plastic, glass, and metal. It is very important that your recyclables are clean when you put them in. That means give bottles and jars a quick rinse, make sure they are free of food, and empty of any liquid. For example, if you have a pizza box that still has slices of pizza in it or pepperoni pieces, make sure you take the food out and put it in the trash before putting the pizza box in the recycle. If you don't see an item on this list, it is not recyclable within the city. Do you have any questions so far?

What is even more important for you to know is what *is not* allowed in the recycle bin. If you flip to the backside, you will see local trash tips. These are items that we are seeing a lot of at the local recycling facility which create big problems for the workers and may impact how much material ends up getting recycled, which factors into your monthly rates. Make sure that recycling is clean and never contains any of these items. These items must go in the trash. Is there anything that you see here that surprises you?

So just to quickly go through this list - make sure to never put stretchy plastic (like plastic bags, Ziploc bags, chip bags, anything that you can stretch or feels soft) in the recycling. Never put clothing or fabric. These items get wrapped around the machinery at the local recycling facility and workers have to actually climb in and use a chain saw to get that stuff out, which can be unsafe and expensive for the operations. Unfortunately we do not have green waste collection in the city so any yard waste that you have must go in the trash. And food - which is the number one issue that we are seeing locally - should never go in the recycle. Either put leftover food in the trash or consider an at-home composting system or try to be more mindful of how much food is being wasted. And when in doubt, throw it out. If you have a mixed bag of trash items and recycle items, please put that bag in the trash. Real people have to sort through recycling and if there is trash mixed in, it can be unsafe for them to go through.

A few final things to point out – we have an online training guide that takes just a few minutes to complete if you scan the QR code here it will take you to the website. There are some fun, short videos and quiz questions that will help you recycle right, and if you complete it before Thanksgiving, you will be entered to win a gift card. We are also on social media. If you are on Facebook or Instagram please follow our accounts here where we put out more information about recycle right and trash tips. If you ever have an item that you're unsure of where it goes, you can send us a message or a photo and we would be happy to provide you assistance directly there.

The last thing today is to get an okay from you that you understand all of the requirements, and if you are ready to pledge to recycling right in your community and at the curb. There's no pressure but we are asking all of your neighbors to take the pledge, is that something you feel you can agree to today?

(If yes) Great! Do you want to make it official and sign your postcard for the rest of your household to see? (If yes, have them sign; if it feels appropriate, ask to take their picture for sharing out on social media)

(If no) No worries at all, this postcard is for you to keep, you can put it on your fridge to help your household remember what is allowed and not allowed in the recycle bin.

Supplemental Conversation Topics:

- Safety impact - for the safety of our local recycling workers, it is critical to recycle right. When things like clothing, plastic bags and other long "tangles" get put in the recycling bin, workers at the facility have to go in and use a chainsaw to cut that material out and it is very dangerous.
- Financial impact – Recycling right helps keep monthly trash rates low because the local recycling facility not have to spend as much time sorting contamination or stopping operations to clean out material that should not be there. Clean recyclables also help keep rates low because they can be sold for a higher value.
- Environmental impact – It's better for the local environment if you don't contaminate recycling – material placed in the recycling bin goes to a local recycling facility and gets transferred many times which leaves more potential for blowing away and ending up in the environment. It's better to place items like plastic bags in the trash where they will go straight to landfill and be buried. Also, when we recycle right, we ensure that the most amount of recyclables can be turned into new products which ends up lessening our impact on natural resources.

Friday 10/1

Adelanto 1

1 - CONTROL

HOUSEHOLD ADDRESS

ATTACHMENT 6 - TRACKING SHEET

City/Unincorporated Area: _____

Route: _____

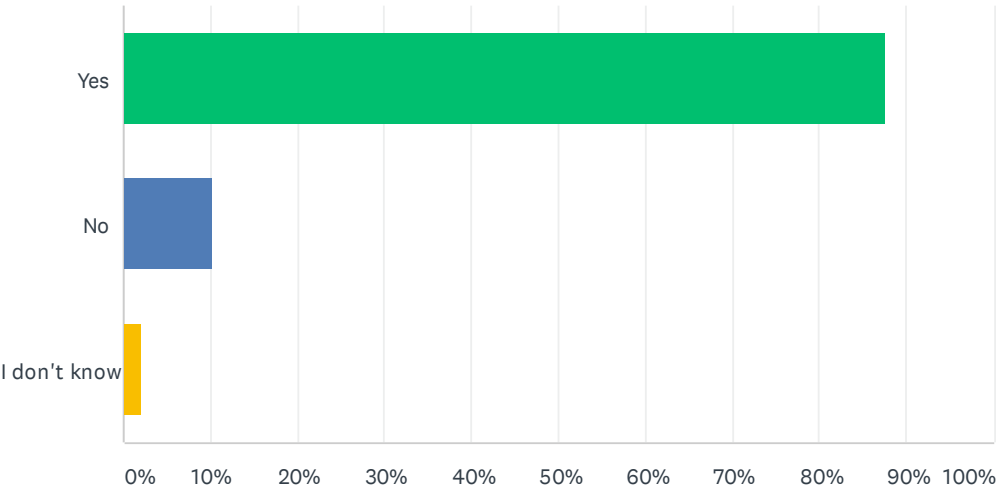
Day/Date: _____

	Address	Test Group
1		CONTROL
2		CONTROL
3		OOPS TAG
4		OOPS TAG
5		OOPS TAG
6		OOPS TAG
7		OOPS TAG
8		OOPS TAG
9		OOPS TAG
10		OOPS TAG
11		OOPS TAG
12		OOPS TAG

Residential Recycling Survey
ATTACHMENT 7 - SURVEY RESULTS

Q1 Do you have curbside recycling service at home?

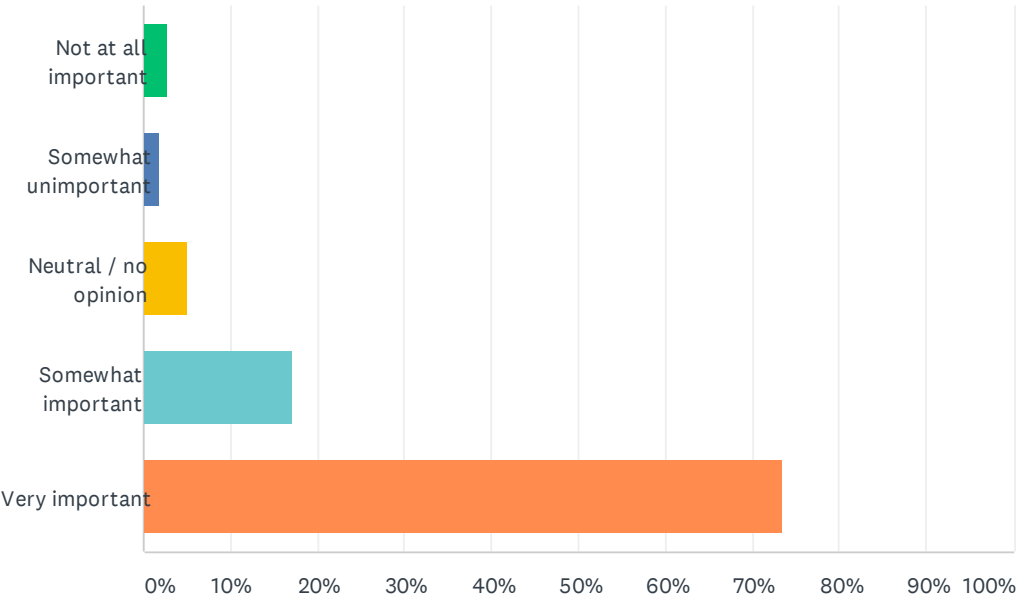
Answered: 498 Skipped: 1



ANSWER CHOICES		RESPONSES	
Yes		87.75%	437
No		10.24%	51
I don't know		2.01%	10
TOTAL			498

Q2 How important is it for you to have curbside recycling service at home?

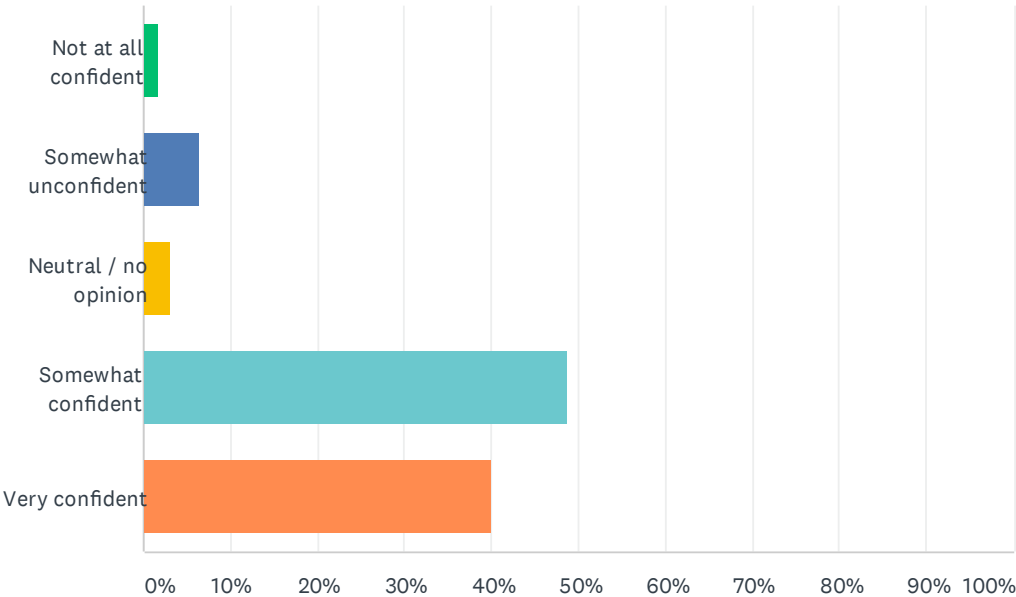
Answered: 497 Skipped: 2



ANSWER CHOICES	RESPONSES	
Not at all important	2.62%	13
Somewhat unimportant	1.81%	9
Neutral / no opinion	5.03%	25
Somewhat important	17.10%	85
Very important	73.44%	365
TOTAL		497

Q3 How confident are you that you know how to recycle correctly?

Answered: 496 Skipped: 3



ANSWER CHOICES	RESPONSES	
Not at all confident	1.61%	8
Somewhat unconfident	6.45%	32
Neutral / no opinion	3.23%	16
Somewhat confident	48.79%	242
Very confident	39.92%	198
TOTAL		496

Q4 What makes it difficult for you to recycle at home?

Answered: 380 Skipped: 119

Residential Recycling Survey

#	RESPONSES	DATE
1	No plastic bags in the recycle is strange	3/3/2021 1:18 PM
2	Knowing the difference.	3/3/2021 1:09 PM
3	No free recycling pickup. I have a 2 yard dumpster	3/3/2021 1:00 PM
4	Not having a pickup.	3/3/2021 12:52 PM
5	Not enough room	3/3/2021 12:47 PM
6	Na	3/3/2021 12:46 PM
7	Nothing	3/3/2021 12:45 PM
8	Recycle bin not offered since we have dumpster.	3/3/2021 12:45 PM
9	I can either have trash bags for pick up or cans only. I am not allowed to have trash bags and a recycle bin. I asked. It's one of the other.	3/3/2021 12:44 PM
10	Not having a separate recycling bin	3/3/2021 12:44 PM
11	I live on a dirt road in unincorporated part	3/3/2021 12:42 PM
12	Nothing at all	3/3/2021 12:42 PM
13	Some material isn't identified by manufacturer	3/3/2021 12:41 PM
14	Having to store everything at my house until I can get it to a bin or a CVA reclamation center.	3/3/2021 12:41 PM
15	Lack of space	3/3/2021 12:40 PM
16	I have to drive to the nearest recycling center about 2 miles away and dump my own cans in their baskets. High winds usually & don't get much for them anyway to make it worth the effort	3/3/2021 12:38 PM
17	Distance and no truck to take in	3/3/2021 12:38 PM
18	Take out food/ containers	3/3/2021 12:36 PM
19	N/Ai	3/3/2021 12:23 PM
20	Nothing	3/3/2021 12:22 PM
21	NA	3/3/2021 12:22 PM
22	I read the pamphlet.	3/3/2021 12:22 PM
23	No recycle receptacle offered by our disposal service.	3/3/2021 12:21 PM
24	No recycling service	3/3/2021 12:21 PM
25	Not enough storage	3/3/2021 12:20 PM
26	Containers	3/3/2021 12:19 PM
27	I think it's a matter of getting in a habit	3/3/2021 12:19 PM
28	sometimes running out of room in my recycling bins (i already pay monthly for 1 extra bin	3/3/2021 12:19 PM
29	We recycle everything possible!	3/3/2021 12:19 PM
30	More work	3/3/2021 12:18 PM
31	Having to wash out jars, cans and bottles.	3/3/2021 12:18 PM
32	It is not difficult, except that my large blue bin is broken.	3/3/2021 11:42 AM
33	not enough room for everything	3/3/2021 11:40 AM
34	None	3/2/2021 1:11 AM
35	My family. They don't correctly put recycling in the correct trash can. I've told them several times what goes in recycling. We need a online webinar on recycling.	2/28/2021 7:59 AM

Residential Recycling Survey

36	None	2/26/2021 10:03 AM
37	Space	2/24/2021 12:15 PM
38	Working all time don't separate the trash from the recyt	2/22/2021 9:23 AM
39	Not enough containers	2/20/2021 10:39 AM
40	No place to recycle aluminum or plastics	2/20/2021 9:49 AM
41	nothing	2/19/2021 5:08 PM
42	Time	2/19/2021 4:02 PM
43	Nothing we recycle all the time	2/19/2021 9:29 AM
44	Not enough recycling bins for storage	2/19/2021 7:21 AM
45	unsure of certain things like Styrofoam	2/18/2021 5:22 PM
46	Additional container	2/18/2021 4:31 PM
47	not having a dedicated can in the house to separate the recyclables	2/18/2021 9:09 AM
48	using my water to clean bottles and cans	2/18/2021 12:18 AM
49	Not having a container. Recycling gets piled on counter	2/17/2021 9:47 PM
50	Knowing what is acceptable recycling.	2/17/2021 1:51 PM
51	We don't have a separate recycling container INSIDE our home so we have to walk them out each time, sometimes I (and very often the kids) get lazy and just throw them away	2/17/2021 7:21 AM
52	Nothing	2/17/2021 1:24 AM
53	Nothing	2/16/2021 10:31 PM
54	No recycling center	2/16/2021 9:37 PM
55	There isn't a recycling center in town where I can take my aluminum and plastics. No place to recycle paper either.	2/16/2021 9:08 PM
56	Just don't have available	2/16/2021 8:33 PM
57	The cold weather	2/16/2021 8:22 PM
58	We keep a bag in the pantry and it keeps the door from closing . Wish we had a kitchen recycling container	2/16/2021 7:45 PM
59	At home is KOA. Need to advise and encourage all to recycle and mark bins bett	2/16/2021 6:55 PM
60	Not enough room in trash cans	2/16/2021 6:38 PM
61	Nothing	2/16/2021 6:37 PM
62	We have large dumpster, and were told that we cannot have a recycling bin with a dumpster. We were told to throw our recycling away.	2/16/2021 5:49 PM
63	Cardboard too big. Need yard waste bin	2/16/2021 5:04 PM
64	nothing	2/16/2021 1:00 PM
65	Not always wondering what can be recycled by our Waste collection service	2/16/2021 12:54 PM
66	taking items to a secondary location and not knowing where recycling locations are located and	2/16/2021 12:42 PM
67	Nothing really	2/16/2021 12:29 PM
68	Nothing it's a discipline	2/16/2021 12:26 PM
69	Nothing, it is required in our mobilehome park and has been for years.	2/16/2021 12:23 PM
70	Weather makes it impossible to get large trash cans to the curb	2/16/2021 11:21 AM

Residential Recycling Survey

71	Bins are too small	2/16/2021 11:18 AM
72	Nothing	2/16/2021 10:33 AM
73	It's not difficult, but I'm retired so have plenty of time to devote to it.	2/16/2021 9:47 AM
74	Carting off to recycling place i.e m water bottles,cNs	2/16/2021 8:51 AM
75	Not knowing exactly what can go in the recycling	2/16/2021 7:24 AM
76	Lazy	2/16/2021 6:44 AM
77	Not 100% sure what is accepted	2/15/2021 11:35 PM
78	I only have a dumpster	2/15/2021 11:28 PM
79	It would be helpful if there was a separate trash can for yard waste.	2/15/2021 10:18 PM
80	Nothing	2/15/2021 10:08 PM
81	Nothing, except believing that recycling really happens	2/15/2021 9:11 PM
82	Not enough bins	2/15/2021 8:37 PM
83	N/a	2/15/2021 8:32 PM
84	Only available service is a dumpster	2/15/2021 7:48 PM
85	Knowing that almost everything is recyclable and that we know it is not always sorted and recycled	2/15/2021 6:38 PM
86	The other family members	2/15/2021 5:05 PM
87	Burrtec does not recycle everything goes to the landfill. They lie to us here.	2/15/2021 1:33 PM
88	Knowing what can actually be recycled by our city versus whatever items have a recycling symbol on them.	2/15/2021 12:59 PM
89	Remembering what goes in each bin	2/15/2021 11:42 AM
90	Too many cardboard boxes from modern ship to home services.	2/15/2021 10:38 AM
91	Separating	2/15/2021 9:46 AM
92	One bin	2/15/2021 9:39 AM
93	Nothing	2/15/2021 9:16 AM
94	Just reminding my kids what can be recycled.	2/15/2021 8:54 AM
95	Furniture	2/15/2021 8:29 AM
96	Needing separate bins in the house	2/15/2021 8:16 AM
97	being unsure about some recycleables	2/15/2021 8:09 AM
98	Homeless sometimes scavenge thru thru it for aluminium and plastic bottles. We recycle those a different way and they leave a mess that we have to pick up.	2/15/2021 8:08 AM
99	Need another bin	2/15/2021 7:58 AM
100	Nothing	2/15/2021 7:54 AM
101	Having enough space in the can	2/15/2021 7:47 AM
102	Knowing if I'm putting the right things in, If I'm not sure I just recycle.	2/15/2021 7:46 AM
103	More room	2/15/2021 7:39 AM
104	No difficulty.	2/15/2021 7:36 AM
105	We recycle all the time. It's easy for us to do because we understand at our home how important it is to recycle.	2/15/2021 7:31 AM
106	Sometimes we don't have enough blue bins even though we have 3	2/15/2021 7:29 AM

Residential Recycling Survey

107	Nothing	2/15/2021 7:23 AM
108	Knowing what to recycle	2/15/2021 6:57 AM
109	Absolutely Nothing is difficult!	2/15/2021 6:34 AM
110	Nothing	2/15/2021 4:47 AM
111	It sure what goes in the bin	2/15/2021 4:44 AM
112	Not enough space in bin	2/15/2021 1:35 AM
113	n/a	2/15/2021 1:32 AM
114	Not everyone in household follows separation	2/15/2021 1:29 AM
115	Not getting food containers clean	2/15/2021 1:05 AM
116	What is considered hazardous waste cannot be put in the recycle barrel. Items such as batteries.	2/14/2021 6:51 PM
117	Tacking to the curb	2/14/2021 12:46 PM
118	My kids making sure they recycle	2/14/2021 12:21 PM
119	only having one reg. size container, might be nice to have a larger can.	2/14/2021 11:35 AM
120	There is one place to recycle CRV in the town of Yucca Valley, it serves Yucca Valley, Joshua Tree, 29 Palms, Morongo Valley, Wonder Valley, Landers, Yucca Mesa, Flamingo Heights and Johnson Valley.	2/14/2021 7:57 AM
121	nothing	2/14/2021 7:55 AM
122	No recycling pick-up	2/14/2021 7:50 AM
123	Children pitting wrong things in the recycle	2/14/2021 7:28 AM
124	Not knowing exactly what are recyclable items.	2/14/2021 7:05 AM
125	Bins are not big enough. We are recyclable aficionados.	2/14/2021 7:01 AM
126	Not knowing where it is going.	2/13/2021 3:04 PM
127	Re-Planet left the hi-desert	2/13/2021 2:12 PM
128	Knowing that they don't sort it	2/13/2021 9:16 AM
129	No problem.	2/13/2021 8:50 AM
130	Recycling bin is too small	2/13/2021 8:41 AM
131	It is automatic for us. I try to wash everything before I put it in recycle and that is a pain at times	2/13/2021 8:02 AM
132	Service not available	2/13/2021 7:57 AM
133	Visual reminders on bins/larger or more bins	2/12/2021 9:44 PM
134	When I see the trash truck take the trash and recycling in the same vehicle. It happens.	2/12/2021 9:01 PM
135	The cost I pay for recycling, without having a center that pays me back	2/12/2021 8:45 PM
136	they don't take all items that are recyclable	2/12/2021 8:44 PM
137	Having to wash out containers	2/12/2021 8:02 PM
138	I have to have two cans inside.	2/12/2021 6:21 PM
139	Not enough room in the bin	2/12/2021 6:14 PM
140	Not enough space in the trash can. A larger recycling bin would be helpful.	2/12/2021 5:58 PM
141	No problems	2/12/2021 4:38 PM
142	Our mobile home park of 385 families shares dumpsters. Few know exactly what can be	2/12/2021 3:24 PM

Residential Recycling Survey

	recycled. Often the trash bin is full so they just use the recycling bin.	
143	Understanding what is recyclable	2/12/2021 3:10 PM
144	Yard waste	2/12/2021 2:15 PM
145	N/A	2/12/2021 1:48 PM
146	I'm not going to spend the time and money to clean or rinse out items before putting in recycle can.	2/12/2021 1:19 PM
147	Nothing	2/12/2021 1:19 PM
148	Contaminated recycles mixed with clean recycles	2/12/2021 12:44 PM
149	nothing	2/12/2021 12:31 PM
150	lack of space, containers are small, weekly pickup isn't enough anymore now that there is no place to take CRV items (soda cans, water bottles, etc). Also should be more community locations to drop items off now more than ever due to covid.	2/12/2021 2:47 AM
151	We try very hard	2/11/2021 10:27 PM
152	I HAVE NO DIFFICULT TO RECYCLE.	2/11/2021 9:06 PM
153	uncooperative husband	2/11/2021 1:35 PM
154	So many different rules for plastic!	2/11/2021 12:07 PM
155	Limited space in the kitchen to sort recycling from trash	2/11/2021 11:26 AM
156	Nothing at this time.	2/11/2021 11:10 AM
157	Nothing	2/11/2021 10:34 AM
158	I'm a renter and it wasn't offered.	2/11/2021 7:15 AM
159	Limitations on what to recycle	2/10/2021 5:39 PM
160	Small can	2/10/2021 5:31 PM
161	It's NOT difficult .. Just LOOK and READ the LABEL	2/10/2021 5:03 PM
162	I recycle but don't know all items to be recycled	2/10/2021 4:58 PM
163	Nothing	2/10/2021 10:55 AM
164	No bin	2/10/2021 10:30 AM
165	Nothing	2/9/2021 11:51 PM
166	There is no place, that I know of, in this town to recycle.	2/9/2021 11:20 PM
167	Can never remember which things to recycle.	2/9/2021 8:26 PM
168	Sorting	2/9/2021 6:58 PM
169	Separating	2/9/2021 3:36 PM
170	Not enough space in the cans. I have a huge family	2/9/2021 1:58 PM
171	Sometimes they won't pick up cardboard. Even when it's flattened out.	2/9/2021 1:36 PM
172	no difficulty	2/9/2021 1:25 PM
173	Not knowing what all is acceptable recycling vs. trash	2/9/2021 12:56 PM
174	Why are the bins so small compared to the trash bins. Increase the size of the bins and you will increase the recycle footprint. No where to put yard plants. We need a process to pick up yard trimmings, mulch them, and provide them back to the community as mulch.	2/9/2021 12:50 PM
175	cleaning out some of the plastics or aluminum cans	2/9/2021 12:34 PM
176	Not sure what I can recycle or where to take it	2/9/2021 11:18 AM

Residential Recycling Survey

177	Nothing	2/8/2021 1:20 PM
178	nothing	2/8/2021 12:28 PM
179	space for each bin	2/6/2021 12:14 PM
180	Having multiple cans in the house. Just too much clutter and don't like cans sitting on the porch.	2/4/2021 2:57 PM
181	Recycling icons are miniscule	2/4/2021 12:01 PM
182	na	2/4/2021 11:34 AM
183	It's not difficult but I don't really know what is or isn't appropriate for the service	2/4/2021 5:21 AM
184	Nothing	2/4/2021 5:17 AM
185	Nothing. We recycle practically everything.	2/3/2021 10:42 PM
186	Busy	2/3/2021 7:20 PM
187	Nothing	2/3/2021 6:58 PM
188	Unsure of what facilities serve our area	2/3/2021 6:56 PM
189	Not a big enough recycling can!	2/3/2021 6:49 PM
190	Nothing	2/3/2021 6:35 PM
191	The bin design sucks, cardboard often gets stuck so when Burtrc comes, the bin doesn't empty. Also, they don't come for recycling til the afternoon, and often the wind has knocked my bin over (and I'm at work), and they just drive by it and don't pick it up then. So annoying. They didn't bother to pick up my recycling at all when they had the snow delay recently. I went to work that morning just fine, don't know what their problem was.	2/3/2021 5:15 PM
192	nothing	2/3/2021 4:51 PM
193	Nothing	2/3/2021 3:52 PM
194	Unsure what qualifies	2/3/2021 3:46 PM
195	Putting in separate bin	2/3/2021 7:24 AM
196	Not sure if it's recycled after it's picked up	2/2/2021 3:26 PM
197	nothing	2/2/2021 1:03 PM
198	nothing	2/2/2021 12:11 PM
199	Knowing our city does not get proceeds from the recycling efforts.	2/2/2021 11:22 AM
200	Having a separate trash in the house for recyclables.	2/2/2021 6:05 AM
201	Cans with liner	2/1/2021 4:35 PM
202	N/A	2/1/2021 3:27 PM
203	Not enough waste is able to be recycled.	2/1/2021 12:21 PM
204	nothing	2/1/2021 10:55 AM
205	Nothing	1/30/2021 5:36 PM
206	not knowing what can and can't be recycled in our city	1/30/2021 10:48 AM
207	Indoor space for recyclables prior to taking to blue barrel	1/29/2021 10:54 PM
208	000	1/29/2021 6:38 PM
209	nothing	1/29/2021 5:17 PM
210	Not knowing exactly what to put in it	1/29/2021 3:57 PM
211	Their is no local recycling center in my city (Needles, CA).	1/29/2021 11:51 AM

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212	Not having a recycle bin in my house	1/29/2021 11:36 AM
213	nothing	1/29/2021 10:38 AM
214	Only one bin isn't enough	1/29/2021 8:35 AM
215	Nothing	1/29/2021 7:50 AM
216	Not thing	1/29/2021 4:51 AM
217	nothing n/a	1/29/2021 4:10 AM
218	Making sure that everything is w A shed rinsed and dried.	1/29/2021 12:43 AM
219	No recycle options for plastic & aluminum	1/28/2021 11:39 PM
220	Sometimes not knowing if the item is recyclable	1/28/2021 10:41 PM
221	The wind blows over the recycle bin. Not being allowed to put it in bags~sometimes trash blows all over the yard and beyond	1/28/2021 7:15 PM
222	Not very difficuly we have two bins one trash and one recycle	1/28/2021 7:11 PM
223	Recyclables only getting picked up once a week	1/28/2021 6:58 PM
224	More info in what is recycle able	1/28/2021 6:34 PM
225	I live in a trailer park and we only have. Big dumpsters we don't have separate bins	1/28/2021 6:29 PM
226	There is no recycling open to the locals	1/28/2021 5:34 PM
227	I have a lot of kids and not a lot of time	1/28/2021 5:34 PM
228	The types of recyclables we can put into the recycle bin is severely limited up here compared to what we could recycle in Orange County. For example, during the pandemic with an increase of stuff delivered at home and buying bulk the recyclable plastics build up to one room full whereas if when we lived in the OC the same stuff could be put into the blue recycle bin.	1/28/2021 4:20 PM
229	Nothing	1/28/2021 3:12 PM
230	separating each recyclable	1/28/2021 3:06 PM
231	No room no recycle center	1/28/2021 2:03 PM
232	Container	1/28/2021 1:33 PM
233	Nothing	1/28/2021 12:57 PM
234	Apartment complexes make it harder, so separating is difficult	1/28/2021 11:14 AM
235	Nothing	1/28/2021 10:46 AM
236	Knowing theres nowhere close to go an recycle	1/28/2021 9:35 AM
237	I recycle with everything thing I can	1/28/2021 8:50 AM
238	No where to dispose of it	1/28/2021 8:46 AM
239	Nothing	1/28/2021 8:01 AM
240	Separating	1/28/2021 7:58 AM
241	Nothing	1/28/2021 7:51 AM
242	I find it very easy to recycle at home.	1/28/2021 7:50 AM
243	We do not have a separate container.	1/28/2021 7:46 AM
244	Storage until pick up	1/28/2021 7:46 AM
245	Neighbors putting trash in my bin	1/28/2021 7:22 AM
246	Its not	1/28/2021 7:06 AM
247	Not having space for two trash cans in the house.	1/28/2021 6:55 AM

Residential Recycling Survey

248	Not difficult	1/28/2021 6:36 AM
249	Need 2 trash cans	1/28/2021 6:28 AM
250	Easy to collect and recycle	1/28/2021 5:51 AM
251	what gose in different bins	1/28/2021 5:39 AM
252	Amount of recycled material, driving to the recycle center and storage	1/28/2021 5:33 AM
253	I have the trash cans inside but they look the same and kids get confused. If love to be more organized with recycling	1/28/2021 4:39 AM
254	We need more bins	1/28/2021 3:22 AM
255	Live in apartment	1/28/2021 2:04 AM
256	Nothing I recycle	1/28/2021 1:23 AM
257	Other household members don't recycle at all and use both for trash even after explained to do otherwise	1/28/2021 1:15 AM
258	Nothing	1/28/2021 12:32 AM
259	Having no location close enough to recycle my cans and plastic bottles .	1/27/2021 11:56 PM
260	I stay in a apartment complex and don't have a separate yeah cans for different recyclables	1/27/2021 11:43 PM
261	N/a	1/27/2021 11:26 PM
262	Our city has no county resources close	1/27/2021 10:58 PM
263	Nothing	1/27/2021 10:54 PM
264	Sorting trash from recycle	1/27/2021 10:19 PM
265	No recycling bin	1/27/2021 9:53 PM
266	0	1/27/2021 9:22 PM
267	Having everyone in the home recycle as well	1/27/2021 9:15 PM
268	Not enough Room in the can	1/27/2021 8:05 PM
269	Kids	1/27/2021 8:01 PM
270	Not sure weather they actually recycle or not	1/27/2021 7:48 PM
271	Too many recyclables not large enough recycle can	1/27/2021 6:29 PM
272	Nothing.	1/27/2021 6:26 PM
273	Nothing	1/27/2021 4:25 PM
274	Nothing	1/27/2021 8:11 AM
275	Storage, separation correctly	1/27/2021 1:02 AM
276	Moxed material items	1/26/2021 10:57 PM
277	Lack of information on how to recycle.	1/26/2021 8:36 PM
278	Nothing	1/26/2021 8:22 PM
279	Hazardous waste recycling days being only on a Saturday with all the tourist traffic. Every other month on a weekday would be a nice add.	1/26/2021 3:46 PM
280	nothing	1/26/2021 11:42 AM
281	It's not difficult	1/26/2021 11:13 AM
282	Nothing	1/26/2021 9:57 AM
283	We have no facility within 100 miles to redeem CRV items	1/26/2021 6:43 AM
284	In my house we have always recycled so it second nature to us.	1/26/2021 4:29 AM

Residential Recycling Survey

285	Everyone else	1/25/2021 7:49 PM
286	Bins r to small	1/25/2021 3:24 PM
287	cleaning the recycling item	1/25/2021 1:03 PM
288	Not having designated container	1/22/2021 10:14 PM
289	not enough containers	1/22/2021 7:59 PM
290	really nothing just some items no sure of	1/22/2021 10:33 AM
291	storage	1/22/2021 8:55 AM
292	Lack of knowledge	1/20/2021 6:55 PM
293	None.	1/20/2021 5:54 PM
294	There are not separate containers for the various kinds of material	1/20/2021 2:36 PM
295	Landlord has dumpster so we dont get recycle can. I take it to a friends.	1/19/2021 7:48 PM
296	nothing	1/18/2021 3:54 PM
297	It's boxes and bottles	1/17/2021 7:41 AM
298	Need more information	1/16/2021 8:33 PM
299	Need a separate container for green waste otherwise it goes on n the trash	1/16/2021 3:45 PM
300	It is not difficult.	1/16/2021 12:35 PM
301	Cardboard boxes	1/16/2021 12:04 PM
302	Making sure what is recycle is clean	1/16/2021 9:21 AM
303	Knowledge of what to recycle	1/16/2021 9:13 AM
304	There are many thi	1/16/2021 1:17 AM
305	No recycle bin	1/15/2021 9:01 PM
306	Nothing	1/15/2021 6:57 PM
307	There's no recycle bin offered at our apartments	1/15/2021 6:56 PM
308	Size of bin too small	1/15/2021 4:55 PM
309	When people come over	1/15/2021 8:53 AM
310	Code enforcement not understanding comingled definition	1/15/2021 5:26 AM
311	Certain items may not be recyclable	1/14/2021 10:01 PM
312	remembering what can go into the recycle can	1/14/2021 6:15 PM
313	We live in an apartment and it's easy to recycle because we have one bin for all our recyclables	1/14/2021 4:52 PM
314	I live in an apartment building with no recycling availability.	1/14/2021 4:12 PM
315	None	1/14/2021 10:09 AM
316	Nothing!	1/14/2021 7:56 AM
317	knowing what can be put in the recycle can.	1/14/2021 7:54 AM
318	My cans and plastic bottles. Don't know where to take them	1/14/2021 6:16 AM
319	Knowing what to recycle	1/12/2021 3:26 PM
320	N/A	1/12/2021 12:31 PM
321	I recycle	1/12/2021 7:10 AM

Residential Recycling Survey

322	Space	1/12/2021 5:24 AM
323	Only one trash can inside. I hate having to sort or hold out the recyclables	1/11/2021 10:22 PM
324	Not knowing what items are recyclable	1/11/2021 7:29 PM
325	Knowing which items are truly recycable	1/11/2021 7:25 PM
326	I'm an avid recycler. I wish we had a compost option.	1/11/2021 7:08 PM
327	Kids running around	1/11/2021 6:26 PM
328	none	1/11/2021 6:05 PM
329	To much plastic that doesn't meet recycle	1/11/2021 5:45 PM
330	People take the recycling out of trash and recycling bins.	1/11/2021 5:05 PM
331	Lack of space for items to be before taking the trash out.	1/11/2021 4:59 PM
332	We live at a motel	1/11/2021 3:29 PM
333	Not enough space or containers	1/11/2021 2:06 PM
334	Nothing	1/11/2021 1:35 PM
335	No local CA recycle centers	1/11/2021 11:53 AM
336	None	1/11/2021 11:33 AM
337	NA	1/11/2021 10:33 AM
338	No recycling center in needles	1/11/2021 9:57 AM
339	NOT SURE WHAT ITEMS I CAN RECYCLE	1/11/2021 9:55 AM
340	nothing	1/11/2021 9:30 AM
341	Not enough bins for storage	1/11/2021 9:13 AM
342	Nothing	1/11/2021 9:06 AM
343	No issues	1/11/2021 8:59 AM
344	Nothing	1/11/2021 8:58 AM
345	No knowing for sure what should be recycled	1/11/2021 8:45 AM
346	Would like to have a recycling center for plastic bottles and cans so we can get our money back on CRV we pay.	1/11/2021 8:44 AM
347	Being charged by the state for glass and aluminum, but very few places to turn them in to receive my CRV.	1/11/2021 8:43 AM
348	Not know what I should put in there	1/11/2021 8:21 AM
349	Dont care	1/11/2021 7:48 AM
350	I don't use that many items.	1/11/2021 7:46 AM
351	nothing	1/10/2021 3:02 PM
352	Not sure what items can be recycled	1/10/2021 8:17 AM
353	Pickup is very early so we can't always get the cans out in time, and we don't want to leave them out overnight with all the wildlife around us.	1/9/2021 8:17 AM
354	Having time to septate items	1/8/2021 10:52 PM
355	NA	1/8/2021 6:41 AM
356	Nothing	1/7/2021 3:59 PM
357	Not difficult	1/6/2021 11:06 PM
358	Nothing	1/6/2021 11:57 AM

Residential Recycling Survey

359	No knowing all items that are recycable.	1/6/2021 9:16 AM
360	Not sure what you are asking?	1/6/2021 8:42 AM
361	Nothing	1/6/2021 8:20 AM
362	It's not difficult	1/5/2021 11:01 PM
363	Not usually difficult	1/5/2021 7:44 PM
364	Spouse who doesn't like to recycle	1/5/2021 7:36 PM
365	Not knowing if something is recyclable	1/5/2021 6:31 PM
366	Identification of plastic.	1/5/2021 6:19 PM
367	not knowing what can and cannot be recycled at the curb	1/5/2021 5:13 PM
368	Nothing	1/5/2021 4:49 PM
369	Nothing	1/5/2021 4:26 PM
370	Na	1/5/2021 3:59 PM
371	We only have 1 recycle can and it fills up fast.	1/5/2021 3:49 PM
372	Items that should be recycled but are not allowed.	1/5/2021 3:28 PM
373	Only one recycle container. Hard to seperate	1/5/2021 2:38 PM
374	Nothing.	1/5/2021 2:37 PM
375	space	1/5/2021 1:28 PM
376	It's not difficult	1/5/2021 12:54 PM
377	I have no problem recycling at home.	1/4/2021 10:51 PM
378	I need more room for recycle items, or a 2nd blue bin. This should not require an additional fee.	1/3/2021 12:08 PM
379	Not much	1/2/2021 4:02 PM
380	Need more containers	1/2/2021 8:34 AM

Q5 What item(s) are you unsure of whether to put in the trash or recycle?

Answered: 375 Skipped: 124

Residential Recycling Survey

#	RESPONSES	DATE
1	Clothes	3/3/2021 1:09 PM
2	N/A	3/3/2021 1:00 PM
3	None	3/3/2021 12:52 PM
4	NA	3/3/2021 12:47 PM
5	Styrofoam? Metal?	3/3/2021 12:46 PM
6	Batteries, ink cartridges	3/3/2021 12:46 PM
7	Nothing	3/3/2021 12:45 PM
8	Glass	3/3/2021 12:45 PM
9	Cat food cans. They seem to be aluminum	3/3/2021 12:44 PM
10	Milk cartons, computer paper, rinsed canned good cans.	3/3/2021 12:44 PM
11	I know what goes where	3/3/2021 12:42 PM
12	Yea bag wrappers, clean aluminum foil, weathered cardboard scrap building materials	3/3/2021 12:41 PM
13	Plastic non-bottles or plastic jars that have held a substance with fat content.	3/3/2021 12:41 PM
14	Shampoo bottles	3/3/2021 12:40 PM
15	plastics, green bottles	3/3/2021 12:38 PM
16	Canned food containers	3/3/2021 12:38 PM
17	Plastic juice containers, take out restaurant containers	3/3/2021 12:36 PM
18	Plastic on bottles, styrofoam takeout food containers	3/3/2021 12:36 PM
19	styrofoam, mixed materials	3/3/2021 12:23 PM
20	I refer to list given to make sure	3/3/2021 12:23 PM
21	Grocery bags, broken water glasses	3/3/2021 12:22 PM
22	None. I have list I refer to	3/3/2021 12:22 PM
23	I read the pamphlet	3/3/2021 12:22 PM
24	Certain bottles and plastic containers	3/3/2021 12:21 PM
25	Bubble wrap	3/3/2021 12:20 PM
26	Styrofoam	3/3/2021 12:19 PM
27	plastic bags and packaging (like bubble wrap)	3/3/2021 12:19 PM
28	rice milk and soy milk cartons	3/3/2021 12:19 PM
29	We have your list.	3/3/2021 12:19 PM
30	magazines	3/3/2021 12:19 PM
31	I don't know	3/3/2021 12:18 PM
32	Styrofoam and shiny cardboard, also wood scraps	3/3/2021 12:18 PM
33	light bulbs always puzzle me as to whether they are trash or hazardous waste.	3/3/2021 11:42 AM
34	nothing	3/3/2021 11:40 AM
35	Styrofoam	3/2/2021 1:11 AM
36	Do I need to wash out glass products, cans.	2/28/2021 7:59 AM
37	None	2/24/2021 12:15 PM

Residential Recycling Survey

38	Tin can or Mike hugs	2/22/2021 9:23 AM
39	None	2/20/2021 10:39 AM
40	None	2/20/2021 9:49 AM
41	tin cans	2/19/2021 5:08 PM
42	Plastic	2/19/2021 4:02 PM
43	Nothing	2/19/2021 9:29 AM
44	Different kinds of plastics and metals	2/19/2021 7:21 AM
45	Styrofoam	2/18/2021 5:22 PM
46	Junk advertisement and milk jugs	2/18/2021 4:31 PM
47	soiled items	2/18/2021 9:09 AM
48	deli containers	2/18/2021 12:18 AM
49	Used papers like envelopes	2/17/2021 6:50 PM
50	Cardboard/boxes, newspapers, papers/envelopes, milk jugs/containers, glass and/glass bottles	2/17/2021 1:51 PM
51	Some types of plastic	2/17/2021 7:21 AM
52	None	2/17/2021 1:24 AM
53	Glass, detergent bottles	2/16/2021 10:31 PM
54	N/A	2/16/2021 9:08 PM
55	Glass, cardboard	2/16/2021 8:56 PM
56	None	2/16/2021 8:33 PM
57	Plastics	2/16/2021 8:22 PM
58	Kurig coffee cups	2/16/2021 7:45 PM
59	None	2/16/2021 6:55 PM
60	Cans, plastic bags, milk jugs	2/16/2021 6:38 PM
61	Tin cans	2/16/2021 6:37 PM
62	I'm confident I know what is recyclable and what is not.	2/16/2021 5:49 PM
63	Some plastics	2/16/2021 5:04 PM
64	Plastic bags from grocers	2/16/2021 2:57 PM
65	nothing	2/16/2021 1:00 PM
66	Different plastics, pizza boxes, grocery bags	2/16/2021 12:54 PM
67	different types of plastics	2/16/2021 12:42 PM
68	Yogart drink cups they are a darker plastic	2/16/2021 12:29 PM
69	Household batteries	2/16/2021 12:26 PM
70	We could always use an update.	2/16/2021 12:23 PM
71	None	2/16/2021 11:21 AM
72	Food packaging	2/16/2021 11:18 AM
73	None	2/16/2021 10:33 AM
74	My neighbor... Okay, seriously, the signs are clear, so no being unsure here.	2/16/2021 9:47 AM
75	None,have a buetec flyer	2/16/2021 8:51 AM

Residential Recycling Survey

76	Plastic containers from store baked goods, Rx bottles and containers,	2/16/2021 7:24 AM
77	Milk container	2/16/2021 6:44 AM
78	Pizza boxes	2/16/2021 6:30 AM
79	dunno	2/15/2021 11:35 PM
80	N/a	2/15/2021 11:28 PM
81	None	2/15/2021 10:18 PM
82	Certain items that look recyclable but don't have the symbol	2/15/2021 10:08 PM
83	Wax coated milk cartons, cans, paper, plastic	2/15/2021 9:11 PM
84	Milk jugs	2/15/2021 8:37 PM
85	N/a	2/15/2021 8:32 PM
86	None	2/15/2021 7:48 PM
87	I'm good	2/15/2021 6:38 PM
88	Not unsure	2/15/2021 5:05 PM
89	Diapers and toilet paper	2/15/2021 3:56 PM
90	I know what to recycle.	2/15/2021 1:33 PM
91	Cardboard and packaging from all the stuff we are having shipped to us.	2/15/2021 12:59 PM
92	Basic home trash	2/15/2021 11:42 AM
93	Alot	2/15/2021 9:46 AM
94	So far none	2/15/2021 9:39 AM
95	None	2/15/2021 9:16 AM
96	Styrofoam	2/15/2021 8:54 AM
97	Remote control batteries	2/15/2021 8:29 AM
98	Plastic packing air pouches	2/15/2021 8:16 AM
99	some plastics	2/15/2021 8:09 AM
100	Food containers	2/15/2021 8:08 AM
101	none	2/15/2021 7:58 AM
102	Some types of plastics	2/15/2021 7:54 AM
103	Plastic packaging	2/15/2021 7:47 AM
104	Plastic food containers and knowing what is truly recycling and what will just get moved to the dump.	2/15/2021 7:46 AM
105	Unmarked packaging.	2/15/2021 7:36 AM
106	Sometimes it'll be glass from candles, cooking oil bottles, and empty spray bottles but we just google the information about it.	2/15/2021 7:31 AM
107	Slightly dirty recyclables like paper plates	2/15/2021 7:29 AM
108	None. I keep a list you provided.	2/15/2021 7:23 AM
109	Certain plastic containers	2/15/2021 6:57 AM
110	Wrappers for bottled water? Used paper plates and paper towels?	2/15/2021 6:34 AM
111	Nothing	2/15/2021 4:47 AM
112	Plastics	2/15/2021 4:44 AM

Residential Recycling Survey

113	Trash bags	2/15/2021 1:32 AM
114	Fast food containers/pizza boxes	2/15/2021 1:29 AM
115	Cardboard milk containers that don't have to be refrigerated, milk cartons	2/15/2021 1:05 AM
116	None	2/14/2021 6:51 PM
117	None	2/14/2021 12:46 PM
118	colored hard plastics	2/14/2021 11:35 AM
119	bottle caps, dirty paper plates, some packaging materials	2/14/2021 7:55 AM
120	Paper/cardboard	2/14/2021 7:50 AM
121	Plastic bags, pizza boxes, styrofoam, milk cartons	2/14/2021 7:05 AM
122	I know which ones to recycle	2/14/2021 7:01 AM
123	Milk cartons	2/13/2021 5:56 PM
124	Plastic	2/13/2021 3:04 PM
125	Like soup/vegetables cans	2/13/2021 12:08 PM
126	Different plastics	2/13/2021 9:16 AM
127	Styrofoam items	2/13/2021 8:50 AM
128	Plastic or glass jars	2/13/2021 8:41 AM
129	Styrofoam? Which boxes are okay?	2/13/2021 8:02 AM
130	NA	2/13/2021 7:57 AM
131	Glass jars	2/12/2021 9:44 PM
132	Styrofoam	2/12/2021 9:09 PM
133	None	2/12/2021 8:45 PM
134	none	2/12/2021 8:44 PM
135	Som plastic containers	2/12/2021 8:02 PM
136	Some plastic is OK some isn't. I never remember if clamshell plastic is OK.	2/12/2021 6:21 PM
137	Nothing	2/12/2021 6:14 PM
138	Food containers	2/12/2021 6:13 PM
139	Styrofoam, certain plastics/metals	2/12/2021 5:58 PM
140	Styrofoam	2/12/2021 5:26 PM
141	No problems	2/12/2021 4:38 PM
142	Boxes, plastic	2/12/2021 3:10 PM
143	Shelf stable aseptic boxes	2/12/2021 2:32 PM
144	Yard waste	2/12/2021 2:15 PM
145	Empty spray cans like Lysol or hairspray	2/12/2021 1:51 PM
146	Styrofoam that has a recycling symbol on it.	2/12/2021 1:48 PM
147	None	2/12/2021 1:19 PM
148	Glass	2/12/2021 12:44 PM
149	certain types of mail	2/12/2021 12:31 PM
150	Not unsure about anything. I use the web for information on what should go where, but if there isn't space in the grey bin, unfortunately it's going to get tossed in the trash.	2/12/2021 2:47 AM

Residential Recycling Survey

151	N/A	2/11/2021 10:27 PM
152	.	2/11/2021 9:06 PM
153	Milk cartons	2/11/2021 5:13 PM
154	shiny paper items (like cereal boxes)	2/11/2021 1:35 PM
155	Various plastic	2/11/2021 12:07 PM
156	Some plastic items	2/11/2021 11:26 AM
157	Styrofoam	2/11/2021 11:10 AM
158	I know what goes where.	2/11/2021 10:34 AM
159	Some plastics	2/11/2021 7:15 AM
160	Certain types of plastic, glass and cardboard	2/10/2021 5:39 PM
161	Glass?	2/10/2021 5:31 PM
162	N/A	2/10/2021 5:03 PM
163	Vacumn,old paint cans,direct TV satellite dish,auto parts	2/10/2021 4:58 PM
164	Clear plastic bottles like from Mayo or oil	2/10/2021 10:30 AM
165	We have very little to recycle but there are many forms of plastic. We about plastic.	2/9/2021 11:51 PM
166	I feel confident that I know what to recycle.	2/9/2021 11:20 PM
167	Newspapers, sale flyers	2/9/2021 6:58 PM
168	plastics	2/9/2021 4:42 PM
169	Palm fronds	2/9/2021 3:36 PM
170	greasy cardboard	2/9/2021 1:25 PM
171	Various plastics and styrofoam	2/9/2021 12:56 PM
172	Place large stickers on new recycle cans explaining what can be recycled. Produce refrigerator magnets with info on them. Advertising campaign!	2/9/2021 12:50 PM
173	the cardboard under the pizza in boxes if it has oily stains	2/9/2021 12:34 PM
174	Fruit waste/ paper items/ can items/ glass items /	2/9/2021 11:18 AM
175	None	2/8/2021 1:20 PM
176	the styrofoam meat trays that raw meat is packaged on	2/6/2021 12:14 PM
177	Styrofoam	2/4/2021 9:52 PM
178	Used napkins, plastic wears,	2/4/2021 2:57 PM
179	Glass	2/4/2021 12:01 PM
180	cardboard	2/4/2021 11:34 AM
181	In some areas of the country not all items marked with the symbol can be recycled everywhere	2/4/2021 5:21 AM
182	plastic bottles	2/4/2021 5:17 AM
183	How much, if any, food product can still be on an item (plastic, glass, paper) and it still be able to be recycled? Do I have to get it spotless which seems a waste of water? Also, can lids be left on plastic bottles? Or are dinne of the lids not recyclable so should be removed?	2/3/2021 10:42 PM
184	Pizza boxes laundry soap containers	2/3/2021 7:20 PM
185	Thin plastic wrapper type	2/3/2021 6:58 PM
186	milk cartons	2/3/2021 6:56 PM

Residential Recycling Survey

187	None	2/3/2021 6:35 PM
188	Mailing stuff, wax strips	2/3/2021 5:15 PM
189	styrofoam and some plastics	2/3/2021 4:51 PM
190	Paper, newspaper	2/3/2021 4:32 PM
191	Pizza box	2/3/2021 7:24 AM
192	Plastics	2/2/2021 8:48 PM
193	I know what to put in I'm just not sure it is really recycled	2/2/2021 3:26 PM
194	different kinds of packaging	2/2/2021 1:03 PM
195	none	2/2/2021 12:11 PM
196	Metals	2/2/2021 11:22 AM
197	Can with liner	2/1/2021 4:35 PM
198	N/A	2/1/2021 3:27 PM
199	Plastic tops, shredded paper	2/1/2021 12:44 PM
200	Recyclables with food residues	2/1/2021 12:21 PM
201	n/a	2/1/2021 10:55 AM
202	Food boxes containers	1/30/2021 5:36 PM
203	cardboard, food containers if clean	1/30/2021 10:48 AM
204	Styrofoam, shipping/shopping bags	1/29/2021 10:54 PM
205	Love if all plastic would get recycled	1/29/2021 7:20 PM
206	thin grocery bags - like the ones from Pet Smart	1/29/2021 6:38 PM
207	tin or aluminum cans with a little food stuck to the sides.	1/29/2021 5:17 PM
208	Plastic	1/29/2021 3:57 PM
209	N/a	1/29/2021 11:51 AM
210	None	1/29/2021 11:36 AM
211	Multi layered items	1/29/2021 10:38 AM
212	Glass	1/29/2021 8:35 AM
213	Milk containers	1/29/2021 7:50 AM
214	Styrofoam which types	1/29/2021 6:23 AM
215	Big things	1/29/2021 4:51 AM
216	n/a	1/29/2021 4:10 AM
217	Aluminum foil & pans and pizza boxes.	1/29/2021 12:43 AM
218	At times	1/28/2021 10:41 PM
219	None	1/28/2021 8:35 PM
220	When I'm not sure I refer to the list provided by Burrtec	1/28/2021 7:15 PM
221	Foil, the bags the cereal comes in?	1/28/2021 7:11 PM
222	Glass	1/28/2021 6:58 PM
223	Some plastics milk plastic gallons	1/28/2021 6:34 PM
224	Certain types of plastics, styrofoam, renalds aluminum, plastic grocery bags	1/28/2021 5:34 PM

Residential Recycling Survey

225	Not sure	1/28/2021 5:34 PM
226	All the plastic that is recyclable but is considered "plastic bags" in San Bernardino County (such as the recyclable packing for paper towels, the recyclable plastic bubble packaging in mail, etc).	1/28/2021 4:20 PM
227	Styrofoam with recycle emblem	1/28/2021 3:12 PM
228	different types of plastic	1/28/2021 3:06 PM
229	Not sure what all i can put in the recycle	1/28/2021 2:03 PM
230	Bags	1/28/2021 1:33 PM
231	Some plastics	1/28/2021 12:57 PM
232	glass	1/28/2021 11:14 AM
233	Bottle lids	1/28/2021 10:46 AM
234	None	1/28/2021 9:35 AM
235	Na	1/28/2021 8:50 AM
236	None	1/28/2021 8:01 AM
237	Plastic bags	1/28/2021 7:58 AM
238	Styrofoam	1/28/2021 7:51 AM
239	Newspaper	1/28/2021 7:50 AM
240	Glass?	1/28/2021 7:46 AM
241	Bottles and cans	1/28/2021 7:46 AM
242	Perishable food	1/28/2021 7:22 AM
243	None	1/28/2021 7:06 AM
244	types of plastic, and types of paper	1/28/2021 7:03 AM
245	nothing	1/28/2021 6:55 AM
246	Tin cans & lids	1/28/2021 6:36 AM
247	I'm not	1/28/2021 6:28 AM
248	n/a	1/28/2021 5:39 AM
249	Some plastics have a triangle but are not recyclable	1/28/2021 5:33 AM
250	Does all metal bits go in?	1/28/2021 4:39 AM
251	Napkin?	1/28/2021 2:04 AM
252	Plastic	1/28/2021 1:23 AM
253	Cat litter plastic containers, bleach bottles.	1/27/2021 11:56 PM
254	Glass or plastic	1/27/2021 11:43 PM
255	N/A	1/27/2021 11:26 PM
256	Glass	1/27/2021 10:58 PM
257	Food products if they've been rinsed	1/27/2021 10:19 PM
258	Plastic ware	1/27/2021 9:53 PM
259	0	1/27/2021 9:22 PM
260	None	1/27/2021 9:15 PM
261	Vegetable cans	1/27/2021 8:05 PM

Residential Recycling Survey

262	Certain plastics	1/27/2021 7:48 PM
263	Styrofoam packing material from product packaging	1/27/2021 6:29 PM
264	None	1/27/2021 6:26 PM
265	Thin plastic	1/27/2021 5:13 PM
266	Pizza boxes	1/27/2021 4:25 PM
267	None	1/27/2021 8:11 AM
268	Everything except 5 cent drink Containers	1/27/2021 1:02 AM
269	Plastic envelopes	1/26/2021 10:57 PM
270	Styrofoam, and mixed boxes (paper with plastic spout)	1/26/2021 9:07 PM
271	Mostly everything.	1/26/2021 8:36 PM
272	Nothing	1/26/2021 8:22 PM
273	Blow dryer	1/26/2021 3:46 PM
274	plastic not showing recycling markings	1/26/2021 11:42 AM
275	Some Plastic containers for food.	1/26/2021 9:57 AM
276	dirty(greasy) paper	1/26/2021 6:43 AM
277	N/A	1/26/2021 4:29 AM
278	If you should clean out glass containers	1/25/2021 7:49 PM
279	None	1/25/2021 3:24 PM
280	none	1/25/2021 1:03 PM
281	Cardbord	1/22/2021 10:14 PM
282	some plastics and aluminum	1/22/2021 7:59 PM
283	form, empty paint cans, empty car oil container, empty hair color bottle	1/22/2021 10:33 AM
284	milk cartons	1/22/2021 8:55 AM
285	Glass items, bottles with labels or lids	1/20/2021 6:55 PM
286	None.	1/20/2021 5:54 PM
287	None	1/20/2021 2:36 PM
288	Used food containers	1/19/2021 7:48 PM
289	Different types of plastic.	1/19/2021 11:13 AM
290	Plastic, Styrofoam, receipts, glass	1/19/2021 5:13 AM
291	plastic	1/18/2021 3:54 PM
292	Multi layered items	1/16/2021 8:33 PM
293	What plastics and what paper	1/16/2021 3:45 PM
294	some plastics	1/16/2021 12:35 PM
295	Pizza boxes, paper plates	1/16/2021 9:21 AM
296	There are many types of materials Barstow does not recycle.	1/16/2021 1:17 AM
297	Styrofoam	1/15/2021 7:16 PM
298	Plastics	1/15/2021 7:08 PM
299	Plastics	1/15/2021 6:57 PM

Residential Recycling Survey

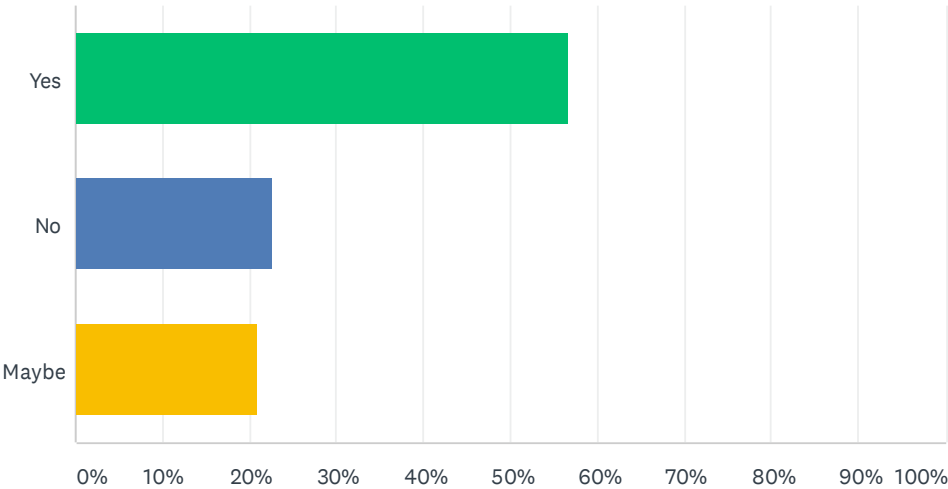
300	Certain plastics	1/15/2021 6:56 PM
301	Used pizza boxes	1/15/2021 4:46 PM
302	Milk Gallons	1/15/2021 8:53 AM
303	Steel, plastic, glass	1/15/2021 5:26 AM
304	Styrofoam	1/14/2021 10:01 PM
305	plastic grocery bags, styrofoam, lids for glass jars.	1/14/2021 6:15 PM
306	Plastic items without the triangle on it and lightbulbs	1/14/2021 4:52 PM
307	Aluminum Cans, and plastic or glass bottles.	1/14/2021 4:12 PM
308	Different types of plastics	1/14/2021 10:09 AM
309	Styrofoam	1/14/2021 7:56 AM
310	styrofoam, plastic shopping bags from grocery store. Some are marked with the symbol, but locally they don't want it.	1/14/2021 7:54 AM
311	plastic shopping bags, old or worn out clothing	1/14/2021 6:16 AM
312	batteries and light bulbs	1/12/2021 3:26 PM
313	Pump items put pump in or not, lids, labels, rinsing items,	1/12/2021 12:59 PM
314	I know what go in each	1/12/2021 12:31 PM
315	None	1/12/2021 7:10 AM
316	The containers tell you if they are recyclable	1/12/2021 5:24 AM
317	Pizza boxes	1/11/2021 10:22 PM
318	Plastic in general, wrappers, cups.	1/11/2021 7:29 PM
319	Foil, foil pans, laundry detergent bottles, plastic grocery containers that food come in (croissants, cakes, etc)	1/11/2021 7:25 PM
320	Glass	1/11/2021 7:18 PM
321	Reusable plastic bags from the grocery stores.	1/11/2021 7:08 PM
322	Milk gallons and any kind of box	1/11/2021 6:26 PM
323	no problem	1/11/2021 6:05 PM
324	packaging	1/11/2021 5:45 PM
325	Which plastics. Do they have to be clean?	1/11/2021 5:28 PM
326	n/a	1/11/2021 5:05 PM
327	None?	1/11/2021 4:59 PM
328	Na	1/11/2021 3:29 PM
329	Styrofoam	1/11/2021 2:06 PM
330	Used food containers	1/11/2021 1:49 PM
331	Not unsure	1/11/2021 1:35 PM
332	n/a	1/11/2021 11:53 AM
333	Dog food bags	1/11/2021 11:33 AM
334	NA	1/11/2021 10:33 AM
335	Green waist	1/11/2021 10:14 AM
336	ITEMS THAT HAVE FOOD ON IT	1/11/2021 9:55 AM

Residential Recycling Survey

337	Certain types of paper or plastic	1/11/2021 9:54 AM
338	heavy food bags	1/11/2021 9:30 AM
339	Cardboard	1/11/2021 9:18 AM
340	No issues	1/11/2021 8:59 AM
341	Styrofoam	1/11/2021 8:58 AM
342	PLASTIC bottles	1/11/2021 8:45 AM
343	Styrofoam and some plastic	1/11/2021 8:43 AM
344	Packaging materials, I know boxes but there is often other types of materials in the boxes	1/11/2021 8:21 AM
345	Styrofoam	1/11/2021 8:15 AM
346	Paper, glass	1/11/2021 7:53 AM
347	Batteries.	1/11/2021 7:46 AM
348	pizza boxes	1/10/2021 3:02 PM
349	Hmm newspaper	1/8/2021 10:52 PM
350	Certain types of "bags" and cartons	1/8/2021 6:41 AM
351	Tin foil and pizza boxes	1/7/2021 3:59 PM
352	Plastic packaging, grocery bags	1/6/2021 11:06 PM
353	Plastic Bags even though they have a recycle marking.	1/6/2021 11:57 AM
354	Cleaning bottles and trash bag with all my shredded papers.	1/6/2021 9:16 AM
355	None	1/6/2021 8:42 AM
356	Aerosol cans	1/6/2021 8:20 AM
357	Can I recycle any plastic container that has a recycle logo	1/5/2021 11:01 PM
358	Styrofoam	1/5/2021 7:44 PM
359	Some plastics with no recycle logo or number	1/5/2021 7:36 PM
360	Broken toys, old dishes	1/5/2021 6:31 PM
361	Plastic containers	1/5/2021 6:19 PM
362	plastic bags, plastic food containers	1/5/2021 5:13 PM
363	Nothing	1/5/2021 4:49 PM
364	None	1/5/2021 4:26 PM
365	Na	1/5/2021 3:59 PM
366	Computer stuff	1/5/2021 3:49 PM
367	Certain plastic	1/5/2021 3:21 PM
368	None	1/5/2021 2:38 PM
369	None.	1/5/2021 2:37 PM
370	amazon bags	1/5/2021 1:28 PM
371	None	1/5/2021 12:54 PM
372	really none.	1/4/2021 10:51 PM
373	Should I use water, also a precious resource in the desert, to clean plastic containers before recycling?	1/3/2021 12:08 PM
374	I read your bulletin and see what to recycle	1/2/2021 4:02 PM

Q6 Would you like to know how to recycle better at home?

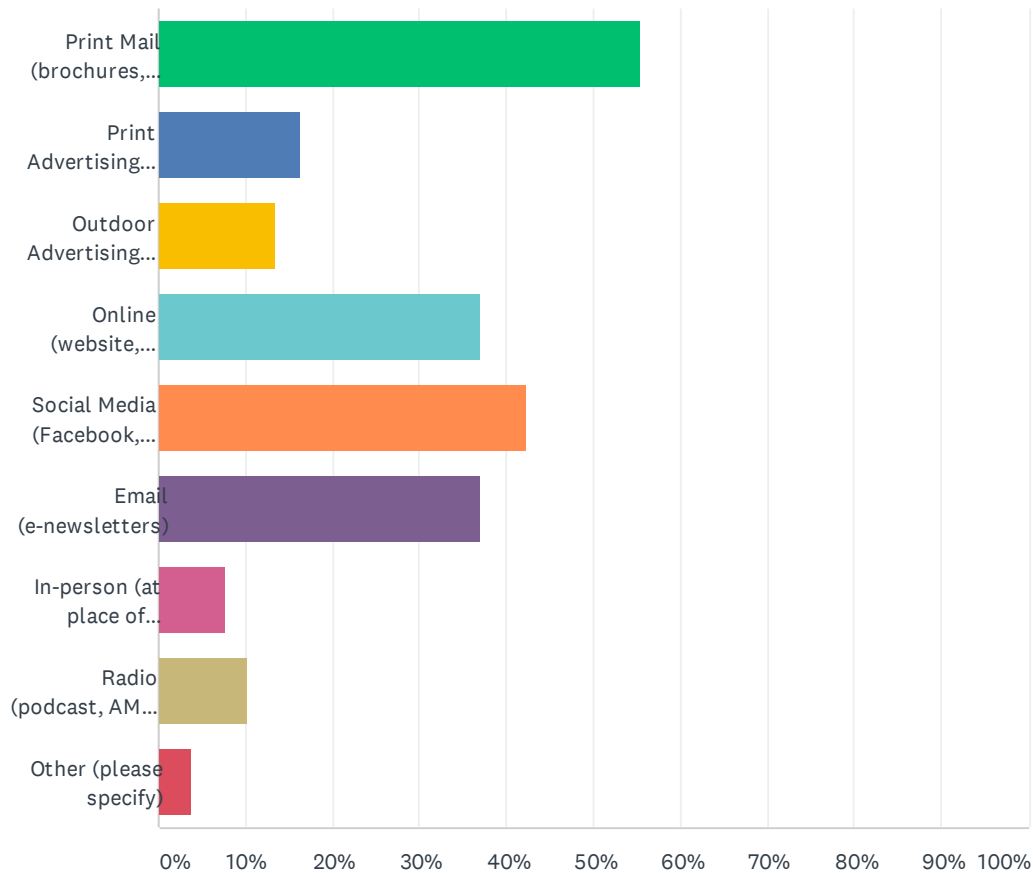
Answered: 489 Skipped: 10



ANSWER CHOICES	RESPONSES	
Yes	56.65%	277
No	22.49%	110
Maybe	20.86%	102
TOTAL		489

Q7 How would you like to receive more information about recycling in the future? (Checkmark Top 3 Choices)

Answered: 481 Skipped: 18



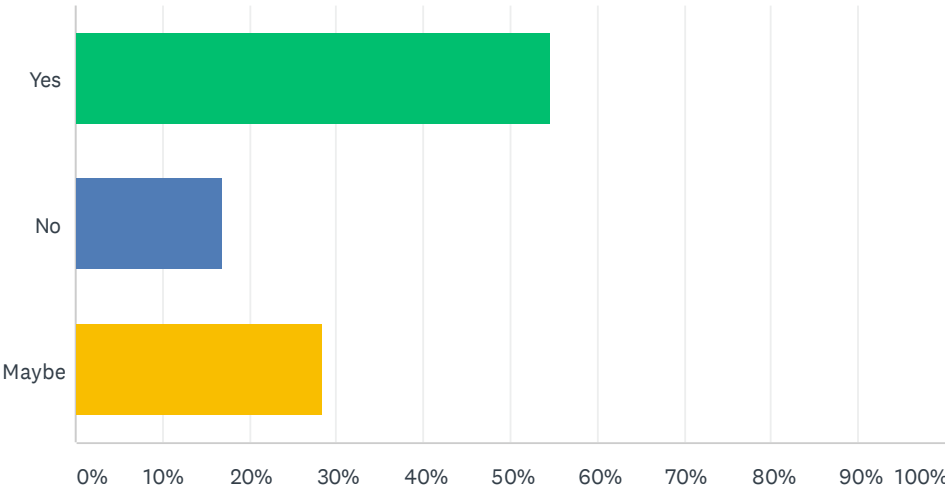
ANSWER CHOICES	RESPONSES	
Print Mail (brochures, postcards, letters, bill insert)	55.51%	267
Print Advertising (newspaper ad, local publications)	16.22%	78
Outdoor Advertising (billboards, posters, bus stops)	13.31%	64
Online (website, online advertisements, google searches)	37.01%	178
Social Media (Facebook, Instagram, NextDoor, YouTube)	42.20%	203
Email (e-newsletters)	37.01%	178
In-person (at place of residence, event table, farmers markets)	7.69%	37
Radio (podcast, AM/FM radio)	10.19%	49
Other (please specify)	3.74%	18
Total Respondents: 481		

Residential Recycling Survey

#	OTHER (PLEASE SPECIFY)	DATE
1	At schools to help kids get involved	3/3/2021 12:47 PM
2	all the above are great ways to better inform the public	3/3/2021 12:19 PM
3	Clear instructions and FAQ on the city's website.	2/15/2021 12:59 PM
4	Community recycling centers, in each community which there are none at this time.	2/14/2021 7:57 AM
5	None	2/13/2021 2:12 PM
6	Visuals on bins	2/12/2021 9:44 PM
7	Refrigerator magnet.	2/12/2021 6:21 PM
8	Not interested	2/12/2021 1:19 PM
9	Hope a Recycling Center come to Twentynine Palms	2/10/2021 5:03 PM
10	Text	2/9/2021 3:36 PM
11	Larger stickers affixed on top of new issued recycle cans. Refrigerator magnets.	2/9/2021 12:50 PM
12	No thanks	1/29/2021 7:20 PM
13	N/A	1/29/2021 11:36 AM
14	Something to hang on wall behind recycle trash in kitchen	1/27/2021 1:02 AM
15	Mailed to home	1/11/2021 7:08 PM
16	Magnets with info to keep it in mind. I have one...great idea!	1/7/2021 3:59 PM
17	Print on trash can!	1/5/2021 7:44 PM
18	Save money every one knows how to recycle	1/5/2021 4:22 PM

Q8 Would you complete a free 5-minute online lesson on how to recycle correctly in your community?

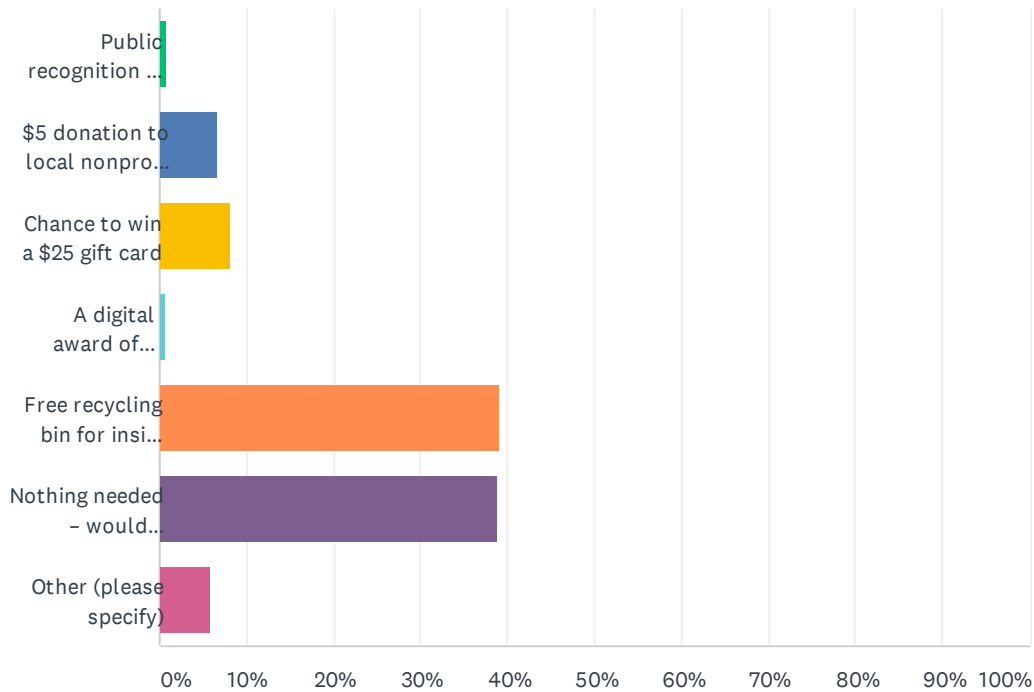
Answered: 492 Skipped: 7



ANSWER CHOICES		RESPONSES	
Yes		54.67%	269
No		16.87%	83
Maybe		28.46%	140
TOTAL			492

Q9 What would motivate you to take the 5-minute online lesson mentioned in Question 8?

Answered: 466 Skipped: 33



ANSWER CHOICES	RESPONSES	
Public recognition in a local publication for participation	0.86%	4
\$5 donation to local nonprofit or group	6.65%	31
Chance to win a \$25 gift card	8.15%	38
A digital award of completion	0.64%	3
Free recycling bin for inside your home	39.06%	182
Nothing needed – would complete anyway	38.84%	181
Other (please specify)	5.79%	27
TOTAL		466

Residential Recycling Survey

#	OTHER (PLEASE SPECIFY)	DATE
1	I do either way but win gift card would motivate others	3/3/2021 12:47 PM
2	Nothing—I answered Question #3	3/3/2021 12:42 PM
3	If I have to sit through four minutes of introductory material to get to specialized information, I would be tempted to navigate away. I am fairly recycling-savvy.	3/3/2021 12:41 PM
4	I feel I do very good job recycling	3/3/2021 12:23 PM
5	I would do it anyway, but I like the idea of a recycling bin for inside.	3/3/2021 12:18 PM
6	I know how to recycle. This is not rocket science. I also compost.	3/3/2021 11:42 AM
7	Nothing	2/19/2021 7:02 PM
8	Time	2/17/2021 6:50 PM
9	Get others involved	2/16/2021 6:55 PM
10	Would not take it for anything	2/16/2021 11:21 AM
11	Don't work online at all	2/16/2021 8:51 AM
12	Correct information whether it works or not	2/15/2021 9:11 PM
13	Public acknowledgement that CRV charges are a scam on Californian citizens.	2/14/2021 7:57 AM
14	Don't need a lesson	2/13/2021 2:12 PM
15	I have already had recycling lessons.	2/9/2021 11:20 PM
16	Not interested, just want literature	2/2/2021 11:22 AM
17	A recycling center in Needles where people can take their recyclables and get paid for them.	1/29/2021 1:30 PM
18	Encourage recycling	1/28/2021 5:33 AM
19	Reopen my local recycling center so I get make the meeting ney.	1/27/2021 11:26 PM
20	If I start it, I'll complete it.....	1/27/2021 8:11 AM
21	Recycle updates	1/23/2021 8:32 PM
22	Nothing.	1/20/2021 5:54 PM
23	I'm good thanks	1/12/2021 12:31 PM
24	NA	1/11/2021 10:33 AM
25	Nothing these thinking I don't like.	1/6/2021 8:42 AM
26	Assurance that it would actually make a difference.	1/5/2021 7:36 PM
27	Already know what to recycle unless there is some space age material that needs to be addressed	1/5/2021 4:22 PM

Q10 What city, town or unincorporated area do you live in?

Answered: 499 Skipped: 0

Residential Recycling Survey

#	RESPONSES	DATE
1	Needles	3/3/2021 1:18 PM
2	Unincorporated	3/3/2021 1:09 PM
3	Unincorporated (Yucca Mesa)	3/3/2021 1:00 PM
4	Unincorporated (Lucerne valley)	3/3/2021 12:52 PM
5	Unincorporated (Helendale)	3/3/2021 12:47 PM
6	Unincorporated (Lenwood)	3/3/2021 12:46 PM
7	Barstow	3/3/2021 12:46 PM
8	Unincorporated (Lenwood)	3/3/2021 12:45 PM
9	Unincorporated (Hinkley)	3/3/2021 12:45 PM
10	Unincorporated (Landers)	3/3/2021 12:44 PM
11	Unincorporated (Oak Hills)	3/3/2021 12:44 PM
12	Unincorporated (Phelan)	3/3/2021 12:43 PM
13	Unincorporated (Wonder Valley)	3/3/2021 12:42 PM
14	Unincorporated (Wonder Valley)	3/3/2021 12:42 PM
15	Unincorporated (Granview)	3/3/2021 12:42 PM
16	Unincorporated (Mt. View Acres)	3/3/2021 12:41 PM
17	Unincorporated (Morongo Valley)	3/3/2021 12:41 PM
18	Unincorporated (Morongo Valley)	3/3/2021 12:40 PM
19	Unincorporated (Morongo Valley)	3/3/2021 12:40 PM
20	Unincorporated (Flamingo Heights)	3/3/2021 12:38 PM
21	Unincorporated (Daggett)	3/3/2021 12:38 PM
22	Unincorporated (Daggett)	3/3/2021 12:37 PM
23	Unincorporated (Fawnskin, Rancho Mirage)	3/3/2021 12:36 PM
24	Unincorporated (Fawnskin)	3/3/2021 12:36 PM
25	Unincorporated (Sugarloaf)	3/3/2021 12:23 PM
26	Unincorporated (Sugarloaf)	3/3/2021 12:23 PM
27	Unincorporated (Sugarloaf)	3/3/2021 12:22 PM
28	Unincorporated (Sugarloaf)	3/3/2021 12:22 PM
29	Unincorporated (Sugarloaf)	3/3/2021 12:22 PM
30	Unincorporated County	3/3/2021 12:21 PM
31	Unincorporated (Sugarloaf)	3/3/2021 12:21 PM
32	Unincorporated (JT)	3/3/2021 12:20 PM
33	Unincorporated (JT)	3/3/2021 12:19 PM
34	Unincorporated (JT)	3/3/2021 12:19 PM
35	Unincorporated (JT)	3/3/2021 12:19 PM
36	Unincorporated (JT)	3/3/2021 12:19 PM
37	Unincorporated (JT)	3/3/2021 12:19 PM

Residential Recycling Survey

38	Unincorporated (JT)	3/3/2021 12:18 PM
39	Unincorporated (JT)	3/3/2021 12:18 PM
40	Unincorporated (JT)	3/3/2021 12:18 PM
41	Unincorporated (JT)	3/3/2021 12:18 PM
42	Unincorporated area of AV	3/3/2021 11:42 AM
43	unincorporated	3/3/2021 11:40 AM
44	Twentynine palms	3/2/2021 1:11 AM
45	Needles	2/28/2021 7:59 AM
46	Yucca valley	2/26/2021 10:03 AM
47	29 Palms	2/24/2021 11:19 PM
48	Needles	2/24/2021 12:15 PM
49	Needles	2/22/2021 9:23 AM
50	Victorville	2/20/2021 10:39 AM
51	Needles	2/20/2021 9:49 AM
52	Victorville	2/19/2021 7:02 PM
53	needles	2/19/2021 5:08 PM
54	Victorville	2/19/2021 4:02 PM
55	Victorville	2/19/2021 9:29 AM
56	Victorville, ca	2/19/2021 7:21 AM
57	Victorville	2/18/2021 5:22 PM
58	Victorville	2/18/2021 4:31 PM
59	Victorville	2/18/2021 9:09 AM
60	Needles	2/18/2021 7:19 AM
61	Victorville	2/18/2021 12:18 AM
62	Victorville	2/17/2021 9:47 PM
63	Needles	2/17/2021 6:50 PM
64	29 Palms, California	2/17/2021 1:51 PM
65	Victorville	2/17/2021 7:21 AM
66	Needles	2/17/2021 4:28 AM
67	Twentynine Palms	2/17/2021 1:24 AM
68	Victorville	2/16/2021 10:31 PM
69	Needles	2/16/2021 9:37 PM
70	Barstow	2/16/2021 9:28 PM
71	Needles, CA	2/16/2021 9:08 PM
72	Yucca Valley	2/16/2021 8:56 PM
73	Yucca valley	2/16/2021 8:33 PM
74	Victorville	2/16/2021 8:22 PM
75	Victorville	2/16/2021 7:45 PM

Residential Recycling Survey

76	Needles	2/16/2021 6:55 PM
77	Victorville	2/16/2021 6:38 PM
78	29 palms	2/16/2021 6:37 PM
79	Yucca Valley	2/16/2021 6:27 PM
80	Yucca valley	2/16/2021 5:49 PM
81	Yucca valley	2/16/2021 5:42 PM
82	Big bear city	2/16/2021 5:23 PM
83	Yucca Valley	2/16/2021 5:04 PM
84	Yucca Valley	2/16/2021 2:57 PM
85	Yucca Valley	2/16/2021 1:00 PM
86	Yucca Valley, Ca	2/16/2021 12:54 PM
87	Yucca Valley	2/16/2021 12:48 PM
88	Twentynine palms	2/16/2021 12:42 PM
89	Yucca valley	2/16/2021 12:29 PM
90	Yucca Valley	2/16/2021 12:26 PM
91	Yucca Valley	2/16/2021 12:23 PM
92	Yucca Valley	2/16/2021 12:13 PM
93	Big bear lake	2/16/2021 11:21 AM
94	Twentynine Palms	2/16/2021 11:18 AM
95	Adelanto	2/16/2021 10:33 AM
96	Twentynine Palms	2/16/2021 10:33 AM
97	Jess Ranch, Apple Valley	2/16/2021 9:47 AM
98	Twentynine Palms	2/16/2021 8:51 AM
99	Yucca Valley	2/16/2021 7:24 AM
100	Big Bear City	2/16/2021 6:44 AM
101	Apple Valley	2/16/2021 6:30 AM
102	29 Palms	2/15/2021 11:35 PM
103	29 Palms	2/15/2021 11:28 PM
104	Big bear city	2/15/2021 11:15 PM
105	Adelanto	2/15/2021 10:18 PM
106	Victorville	2/15/2021 10:08 PM
107	Yucca valley	2/15/2021 9:11 PM
108	Victorville	2/15/2021 8:37 PM
109	Barstow	2/15/2021 8:32 PM
110	29 PALMS	2/15/2021 8:00 PM
111	unincorporated San Bernardino county	2/15/2021 7:48 PM
112	Apple Valley	2/15/2021 6:38 PM
113	Apple valley	2/15/2021 5:05 PM

Residential Recycling Survey

114	Victorville	2/15/2021 3:56 PM
115	victorville	2/15/2021 3:46 PM
116	Twentynine palms	2/15/2021 1:33 PM
117	Victorville	2/15/2021 12:59 PM
118	Victorville ca	2/15/2021 11:42 AM
119	Needles	2/15/2021 11:17 AM
120	Victorville	2/15/2021 10:54 AM
121	Victorville	2/15/2021 10:38 AM
122	Victorville	2/15/2021 9:46 AM
123	Victorville	2/15/2021 9:39 AM
124	Victorville	2/15/2021 9:16 AM
125	Victorville	2/15/2021 8:54 AM
126	VVC	2/15/2021 8:29 AM
127	Victorville	2/15/2021 8:16 AM
128	Victorville	2/15/2021 8:09 AM
129	Victorville	2/15/2021 8:08 AM
130	victorville	2/15/2021 7:58 AM
131	Victorville	2/15/2021 7:54 AM
132	Victorville	2/15/2021 7:47 AM
133	Victorville	2/15/2021 7:46 AM
134	Victorville	2/15/2021 7:39 AM
135	Twentynine Palms	2/15/2021 7:36 AM
136	29Palms	2/15/2021 7:31 AM
137	Victorville	2/15/2021 7:31 AM
138	Apple valley	2/15/2021 7:29 AM
139	Victorville	2/15/2021 7:23 AM
140	29 Palms	2/15/2021 7:10 AM
141	Victorville	2/15/2021 6:57 AM
142	Needles	2/15/2021 6:34 AM
143	Vista verde,Victorville	2/15/2021 4:47 AM
144	Victorville	2/15/2021 4:44 AM
145	Victorville	2/15/2021 4:16 AM
146	Victorville	2/15/2021 1:35 AM
147	Victorville	2/15/2021 1:32 AM
148	Victorville	2/15/2021 1:29 AM
149	Apple Valley	2/15/2021 1:05 AM
150	Apple Valley	2/14/2021 6:51 PM
151	Needle	2/14/2021 12:46 PM

Residential Recycling Survey

152	Adelanto	2/14/2021 12:21 PM
153	Big Bear City	2/14/2021 11:35 AM
154	Yucca Valley	2/14/2021 7:57 AM
155	Apple Valley	2/14/2021 7:55 AM
156	Yucca Valley	2/14/2021 7:50 AM
157	Apple Valley	2/14/2021 7:28 AM
158	Apple Valley	2/14/2021 7:05 AM
159	Victorville	2/14/2021 7:01 AM
160	Twentynine Palms	2/13/2021 9:13 PM
161	Twentynine Palms	2/13/2021 8:19 PM
162	Big bear city	2/13/2021 5:56 PM
163	29 palms	2/13/2021 3:04 PM
164	29 Palms	2/13/2021 2:12 PM
165	Yucca Valley	2/13/2021 12:08 PM
166	Apple Valley	2/13/2021 9:16 AM
167	29 Palms	2/13/2021 8:50 AM
168	Twentynine Palms	2/13/2021 8:41 AM
169	Big Bear City	2/13/2021 8:02 AM
170	Twentynine Palms	2/13/2021 7:57 AM
171	Victorville	2/12/2021 9:44 PM
172	Twentynine Palms	2/12/2021 9:09 PM
173	Twentynine Palms	2/12/2021 9:06 PM
174	Twentynine Palms	2/12/2021 9:01 PM
175	29 Palms	2/12/2021 8:45 PM
176	Apple Valley	2/12/2021 8:44 PM
177	Big Bear Lake	2/12/2021 8:02 PM
178	Apple Valley	2/12/2021 6:21 PM
179	Twentynine Palms	2/12/2021 6:14 PM
180	Twentynine Palms	2/12/2021 6:13 PM
181	29 Palms	2/12/2021 5:58 PM
182	Twentynine Palms	2/12/2021 5:26 PM
183	Apple Valley	2/12/2021 4:38 PM
184	Apple Valley	2/12/2021 3:24 PM
185	Big bear lake	2/12/2021 3:10 PM
186	Apple Valley	2/12/2021 2:32 PM
187	Twentynine Palms	2/12/2021 2:15 PM
188	Twentynine Palms	2/12/2021 1:51 PM
189	Twentynine Palms	2/12/2021 1:48 PM

Residential Recycling Survey

190	Victorville	2/12/2021 1:19 PM
191	29 Palms	2/12/2021 1:19 PM
192	TWENTYNINE PALMS	2/12/2021 12:44 PM
193	Twentynine Palms	2/12/2021 12:31 PM
194	Twentynine Palms	2/12/2021 2:47 AM
195	Big Bear	2/11/2021 10:27 PM
196	TWENTYNINE PALMS	2/11/2021 9:23 PM
197	BARSTOW	2/11/2021 9:06 PM
198	Big bear lake	2/11/2021 5:13 PM
199	Twentynine palms	2/11/2021 1:35 PM
200	Big Bear City / Baldwin Lake	2/11/2021 12:07 PM
201	Apple Valley	2/11/2021 11:26 AM
202	Big Bear Lake	2/11/2021 11:10 AM
203	Twenty Nine Palms	2/11/2021 10:34 AM
204	29 Palms	2/11/2021 7:15 AM
205	29	2/10/2021 9:12 PM
206	Twentynine Palms	2/10/2021 5:39 PM
207	Twentynine Palms	2/10/2021 5:31 PM
208	Twentynine Palms, California	2/10/2021 5:03 PM
209	Needles ca	2/10/2021 4:58 PM
210	Needles	2/10/2021 10:55 AM
211	Twentynine Palms	2/10/2021 10:30 AM
212	29 palms porchfish@gmail.coming	2/9/2021 11:51 PM
213	Twentynine Palms	2/9/2021 11:20 PM
214	Twentynine Palms	2/9/2021 9:42 PM
215	Twentynine Palms	2/9/2021 8:26 PM
216	Twentynine Palms	2/9/2021 6:58 PM
217	Twentynine Palms	2/9/2021 4:42 PM
218	Twentynine Palms	2/9/2021 3:36 PM
219	Twentynine palms	2/9/2021 3:16 PM
220	Twentynine Palms	2/9/2021 3:10 PM
221	TWENTYNINE PALMS	2/9/2021 2:18 PM
222	29 palms	2/9/2021 1:58 PM
223	29 Palms	2/9/2021 1:36 PM
224	Twentynine Palms	2/9/2021 1:25 PM
225	Twentynine Palms	2/9/2021 12:56 PM
226	Twentynine Palms 92277	2/9/2021 12:50 PM
227	Needles	2/9/2021 12:34 PM

Residential Recycling Survey

228	Needles, CA	2/9/2021 11:18 AM
229	Needles ca 92363	2/8/2021 1:20 PM
230	needles	2/8/2021 12:28 PM
231	NEEDLES	2/6/2021 12:14 PM
232	Yucca Valley	2/4/2021 9:52 PM
233	Yucca valley	2/4/2021 2:57 PM
234	92284	2/4/2021 12:01 PM
235	yucca valley	2/4/2021 11:34 AM
236	Yucca Valley	2/4/2021 5:21 AM
237	Yucca Valley	2/4/2021 5:17 AM
238	Yucca Valley	2/3/2021 10:42 PM
239	Yucca valley	2/3/2021 8:53 PM
240	Yucca Valley CA	2/3/2021 7:20 PM
241	Yucca Valley	2/3/2021 6:58 PM
242	Yucca Valley	2/3/2021 6:57 PM
243	Yucca Valley	2/3/2021 6:56 PM
244	Yucca Valley	2/3/2021 6:49 PM
245	Needles	2/3/2021 6:35 PM
246	Yucca Valley	2/3/2021 5:15 PM
247	Yucca Valley, CA	2/3/2021 4:51 PM
248	Yucca Valley	2/3/2021 4:32 PM
249	Yucca Valley	2/3/2021 3:52 PM
250	Yucca Valley	2/3/2021 3:46 PM
251	Needles	2/3/2021 1:45 PM
252	Yucca valley	2/3/2021 7:24 AM
253	Barstow, Ca	2/2/2021 8:48 PM
254	Needles, Ca	2/2/2021 3:26 PM
255	Barstow	2/2/2021 1:03 PM
256	Barstow	2/2/2021 1:02 PM
257	needles	2/2/2021 12:11 PM
258	Barstow	2/2/2021 11:22 AM
259	Barstow	2/2/2021 8:18 AM
260	Barstow	2/2/2021 6:05 AM
261	Barstow	2/2/2021 3:03 AM
262	Needles	2/1/2021 6:23 PM
263	Barstow	2/1/2021 5:03 PM
264	Barstow ca	2/1/2021 4:35 PM
265	Barstow	2/1/2021 3:55 PM

Residential Recycling Survey

266	Barstow	2/1/2021 3:47 PM
267	Barstow,CA	2/1/2021 3:27 PM
268	Big Bear City	2/1/2021 12:44 PM
269	Needles	2/1/2021 12:21 PM
270	Needles	2/1/2021 10:55 AM
271	Needles, CA	1/30/2021 5:36 PM
272	Needles	1/30/2021 12:58 PM
273	Needles	1/30/2021 10:48 AM
274	Adelanto	1/29/2021 10:54 PM
275	Big Bear Lake	1/29/2021 7:20 PM
276	Apple Valley	1/29/2021 6:38 PM
277	Apple Valley	1/29/2021 5:17 PM
278	Needles	1/29/2021 3:57 PM
279	Needles	1/29/2021 1:30 PM
280	Needles, CA	1/29/2021 11:51 AM
281	Needles	1/29/2021 11:36 AM
282	BARSTOW	1/29/2021 10:38 AM
283	Needles	1/29/2021 8:35 AM
284	Needles	1/29/2021 7:50 AM
285	Big bear lakr	1/29/2021 6:23 AM
286	Barstow	1/29/2021 4:51 AM
287	Big Bear Lake	1/29/2021 4:10 AM
288	Needles	1/29/2021 12:43 AM
289	Needles	1/28/2021 11:39 PM
290	Victorville	1/28/2021 10:41 PM
291	Barstow	1/28/2021 8:35 PM
292	Yucca Valley	1/28/2021 7:15 PM
293	Needles	1/28/2021 7:11 PM
294	Needles, Ca	1/28/2021 6:58 PM
295	Needles Ca	1/28/2021 6:34 PM
296	Barstow	1/28/2021 6:29 PM
297	Needles	1/28/2021 5:34 PM
298	Needles	1/28/2021 5:34 PM
299	Victorville	1/28/2021 4:20 PM
300	Needles	1/28/2021 3:12 PM
301	Needles, Ca	1/28/2021 3:06 PM
302	Needles	1/28/2021 2:03 PM
303	Needles	1/28/2021 1:33 PM

Residential Recycling Survey

304	Needles	1/28/2021 1:03 PM
305	Needles	1/28/2021 12:57 PM
306	NEEDLES	1/28/2021 11:14 AM
307	Big Bear Lake	1/28/2021 10:46 AM
308	Needles	1/28/2021 10:46 AM
309	Needles ca	1/28/2021 9:35 AM
310	Needles	1/28/2021 8:50 AM
311	Needles, Ca	1/28/2021 8:46 AM
312	Needles	1/28/2021 8:01 AM
313	Needles	1/28/2021 7:58 AM
314	Apple Valley	1/28/2021 7:51 AM
315	NEEDLES	1/28/2021 7:50 AM
316	Needles	1/28/2021 7:46 AM
317	Needles	1/28/2021 7:46 AM
318	Needles	1/28/2021 7:22 AM
319	Needles	1/28/2021 7:06 AM
320	NEEDLES	1/28/2021 7:03 AM
321	Needles, CA	1/28/2021 6:55 AM
322	Needles	1/28/2021 6:36 AM
323	Needles	1/28/2021 6:28 AM
324	Needles	1/28/2021 5:51 AM
325	Needles	1/28/2021 5:39 AM
326	29-palms	1/28/2021 5:33 AM
327	Needles ca	1/28/2021 4:39 AM
328	Big Bear city	1/28/2021 3:22 AM
329	Needles, CA	1/28/2021 2:04 AM
330	Needles	1/28/2021 1:23 AM
331	Needles	1/28/2021 1:15 AM
332	Needles	1/28/2021 12:54 AM
333	Needles	1/28/2021 12:47 AM
334	Needles, Ca	1/28/2021 12:32 AM
335	Needles	1/27/2021 11:56 PM
336	Needles ca	1/27/2021 11:43 PM
337	Needles	1/27/2021 11:26 PM
338	Yucca Valley	1/27/2021 11:07 PM
339	Needles	1/27/2021 10:58 PM
340	Needles	1/27/2021 10:54 PM
341	Needles	1/27/2021 10:19 PM

Residential Recycling Survey

342	Needles, Ca	1/27/2021 9:53 PM
343	Needles	1/27/2021 9:22 PM
344	Needles	1/27/2021 9:15 PM
345	Needles, CA	1/27/2021 8:05 PM
346	Needles	1/27/2021 8:01 PM
347	Needles	1/27/2021 7:49 PM
348	Needles	1/27/2021 7:48 PM
349	Needles	1/27/2021 7:40 PM
350	Needles	1/27/2021 7:36 PM
351	Big bear lake 92315	1/27/2021 6:29 PM
352	Yucca Valley	1/27/2021 6:26 PM
353	Needles	1/27/2021 6:03 PM
354	Boulder bay Big Bear Lake	1/27/2021 5:13 PM
355	Needles;CA	1/27/2021 4:25 PM
356	Twentynine Palms	1/27/2021 8:11 AM
357	Needles, CA.	1/27/2021 1:02 AM
358	Victorville	1/26/2021 10:57 PM
359	Big Bear City	1/26/2021 9:07 PM
360	Yucca valley	1/26/2021 8:36 PM
361	Yucca Valley	1/26/2021 8:22 PM
362	Big Bear Lake	1/26/2021 3:46 PM
363	Needles	1/26/2021 11:42 AM
364	Needles	1/26/2021 11:13 AM
365	Needles	1/26/2021 9:57 AM
366	Victorville	1/26/2021 7:11 AM
367	Needles	1/26/2021 6:43 AM
368	Needles	1/26/2021 4:29 AM
369	Needles	1/25/2021 10:05 PM
370	Needles	1/25/2021 7:49 PM
371	needles ca	1/25/2021 3:24 PM
372	Needles	1/25/2021 1:03 PM
373	Needles	1/23/2021 8:32 PM
374	Needles	1/22/2021 10:14 PM
375	Needles	1/22/2021 7:59 PM
376	Needles, CA	1/22/2021 1:18 PM
377	Needles	1/22/2021 10:33 AM
378	Needlesca	1/22/2021 8:55 AM
379	Barstow	1/20/2021 6:55 PM

Residential Recycling Survey

380	Needles	1/20/2021 5:54 PM
381	Needles	1/20/2021 3:47 PM
382	Needles	1/20/2021 2:36 PM
383	Barstow	1/19/2021 7:48 PM
384	Barstow	1/19/2021 11:13 AM
385	Barstow	1/19/2021 5:13 AM
386	Needles	1/18/2021 3:54 PM
387	Barstow	1/17/2021 7:41 AM
388	BARSTOW	1/16/2021 8:33 PM
389	Barstow	1/16/2021 3:45 PM
390	Barstow	1/16/2021 12:35 PM
391	Barstow	1/16/2021 12:04 PM
392	Barstow	1/16/2021 9:21 AM
393	Barstow	1/16/2021 9:13 AM
394	Barstow	1/16/2021 2:47 AM
395	Barstow	1/16/2021 1:17 AM
396	Barstow	1/15/2021 9:01 PM
397	Barstow	1/15/2021 8:46 PM
398	barstow	1/15/2021 7:23 PM
399	Barstow	1/15/2021 7:16 PM
400	Barstow	1/15/2021 7:08 PM
401	Barstow	1/15/2021 7:04 PM
402	Barstow	1/15/2021 6:57 PM
403	Barstow	1/15/2021 6:56 PM
404	Barstow	1/15/2021 4:55 PM
405	Barstow	1/15/2021 4:46 PM
406	Needles	1/15/2021 8:53 AM
407	Barstow	1/15/2021 5:26 AM
408	Barstow	1/15/2021 2:02 AM
409	Apple valley	1/14/2021 10:01 PM
410	Needles	1/14/2021 6:15 PM
411	Needles	1/14/2021 4:52 PM
412	Needles, California	1/14/2021 4:12 PM
413	CA Needles	1/14/2021 10:09 AM
414	Barstow	1/14/2021 7:56 AM
415	Needles	1/14/2021 7:54 AM
416	Needles	1/14/2021 6:16 AM
417	needles,Ca	1/12/2021 3:26 PM

Residential Recycling Survey

418	Needles	1/12/2021 12:59 PM
419	Victorville	1/12/2021 12:31 PM
420	Barstow	1/12/2021 7:41 AM
421	Barstow	1/12/2021 7:10 AM
422	Barstow	1/12/2021 5:24 AM
423	Barstow	1/11/2021 10:22 PM
424	Needles	1/11/2021 7:29 PM
425	Barstow	1/11/2021 7:25 PM
426	Barstow	1/11/2021 7:18 PM
427	Barstow	1/11/2021 7:08 PM
428	Barstow	1/11/2021 6:26 PM
429	Victorville	1/11/2021 6:05 PM
430	Barstow	1/11/2021 5:45 PM
431	Barstow	1/11/2021 5:28 PM
432	Barstow	1/11/2021 5:05 PM
433	Needles	1/11/2021 4:59 PM
434	Barstow	1/11/2021 3:29 PM
435	Barstow	1/11/2021 2:35 PM
436	Barstow	1/11/2021 2:06 PM
437	Barstow	1/11/2021 1:49 PM
438	Barstow	1/11/2021 1:35 PM
439	NEEDLES	1/11/2021 11:53 AM
440	Needles ca	1/11/2021 11:42 AM
441	Barstow	1/11/2021 11:33 AM
442	Needles	1/11/2021 11:18 AM
443	Barstow	1/11/2021 10:52 AM
444	NEEDLES	1/11/2021 10:33 AM
445	Barstow, Ca.	1/11/2021 10:14 AM
446	Needles	1/11/2021 9:57 AM
447	Needles, CA	1/11/2021 9:55 AM
448	Needles CA	1/11/2021 9:54 AM
449	Barstow	1/11/2021 9:30 AM
450	Barstow	1/11/2021 9:18 AM
451	Barstow	1/11/2021 9:13 AM
452	Barstow	1/11/2021 9:06 AM
453	Barstow	1/11/2021 8:59 AM
454	Barstow	1/11/2021 8:58 AM
455	BARSTOW	1/11/2021 8:45 AM

Residential Recycling Survey

456	needles	1/11/2021 8:44 AM
457	Barstow	1/11/2021 8:43 AM
458	Barstow	1/11/2021 8:42 AM
459	Barstow	1/11/2021 8:21 AM
460	Barstow	1/11/2021 8:15 AM
461	Barstow	1/11/2021 7:53 AM
462	Barstow	1/11/2021 7:48 AM
463	Barstow	1/11/2021 7:46 AM
464	Barstow	1/10/2021 3:02 PM
465	Apple Valley	1/10/2021 8:17 AM
466	Big Bear Lake	1/9/2021 8:17 AM
467	Barstow	1/8/2021 10:52 PM
468	Apple Valley	1/8/2021 6:41 AM
469	Big Bear City	1/7/2021 3:59 PM
470	Apple Valley	1/7/2021 3:30 PM
471	Apple Valley	1/6/2021 11:06 PM
472	Apple Valley	1/6/2021 11:57 AM
473	Apple Valley	1/6/2021 9:16 AM
474	Apple Valley	1/6/2021 8:42 AM
475	Apple Valley	1/6/2021 8:20 AM
476	Apple valley	1/5/2021 11:01 PM
477	Apple Valley	1/5/2021 8:04 PM
478	Apple Valley	1/5/2021 7:44 PM
479	Apple Valley	1/5/2021 7:36 PM
480	Apple Valley	1/5/2021 6:31 PM
481	Apple Valley	1/5/2021 6:19 PM
482	Apple Valley	1/5/2021 5:13 PM
483	Apple Valley	1/5/2021 4:49 PM
484	Apple Valley	1/5/2021 4:34 PM
485	Apple Valley	1/5/2021 4:26 PM
486	Apple valley	1/5/2021 4:22 PM
487	Apple Valley	1/5/2021 3:59 PM
488	Apple Valley	1/5/2021 3:49 PM
489	Apple Valley	1/5/2021 3:28 PM
490	Apple valley	1/5/2021 3:21 PM
491	Apple Valley	1/5/2021 2:38 PM
492	Apple Valley	1/5/2021 2:37 PM
493	Apple Valley	1/5/2021 1:28 PM

Residential Recycling Survey

494	Barstow	1/5/2021 12:56 PM
495	Barstow	1/5/2021 12:54 PM
496	Barstow	1/4/2021 10:51 PM
497	Victorville	1/3/2021 12:08 PM
498	Apple valley	1/2/2021 4:02 PM
499	Adelanto	1/2/2021 8:34 AM

Q11 Please provide your email address if you would like to be included in future Mojave Desert and Mountain Recycling Authority information (NOT REQUIRED):

Answered: 264 Skipped: 235

Q12 Is there anything else you would like to share about recycling in your community or ideas for improvement?

Answered: 235 Skipped: 264

Residential Recycling Survey

#	RESPONSES	DATE
1	Everyone should be given a curbside recycle bin, or two if needed.	3/3/2021 1:00 PM
2	Have code enforcement go after the houses that have trash that can blow way in the wind to harboring rats. A big problem in Lucerne Valley is from the trash that the illegal Marijuana grower dump off the highway.	3/3/2021 12:52 PM
3	Hoping everyone gets a chance to win recycling bin	3/3/2021 12:47 PM
4	None	3/3/2021 12:45 PM
5	N/a	3/3/2021 12:45 PM
6	We need more recycling centers. I should be able to have a separate recycling bin for pickup if wanted regardless of trash handling option chosen.	3/3/2021 12:44 PM
7	There are no recycling containers available	3/3/2021 12:42 PM
8	N/A	3/3/2021 12:42 PM
9	no	3/3/2021 12:41 PM
10	Additional recycling centers staffed with polite persons who aren't rude and actually unload the heavy bags for the customer. I have opted for putting everything, whether recyclable or not, in the trash now.	3/3/2021 12:38 PM
11	We have to take our recycling to Burrtec in Barstow. It would be so much easier if it was picked up at our home, just like the trash.	3/3/2021 12:37 PM
12	No, as great staff at Big Bear Disposal	3/3/2021 12:36 PM
13	Staff at Big Bear Disposal on Garstin are incredible!	3/3/2021 12:36 PM
14	An easy recycling checklist for short-term rentals to post for guests would be fantastic.	3/3/2021 12:23 PM
15	Get Big Bear City Community Services District to communicate with their customers!!!!!! Currently they do not have ANY snail mail or digital communication methods with their customers!!!	3/3/2021 12:22 PM
16	A can as large as the black can.	3/3/2021 12:22 PM
17	there are countries with amazing machines that can break down almost anything and everything without any resulting pollution; outside countries actually ship there trash to these people to take care of! why can't we be innovators like that, what does it take to get one of those machines here in the USA? just curious	3/3/2021 12:19 PM
18	Some kind of latch on the recycle container so the lid would stay closed during high winds. I know, sounds like a job for your top engineer	3/3/2021 12:19 PM
19	No	3/3/2021 12:18 PM
20	I don't understand why Apple Valley has blue recycle bins, but in Hesperia, all waste goes in one can.	3/3/2021 11:42 AM
21	To encourage composting have a program to help us getting their. Have class or like workshops to assist us.	3/2/2021 1:11 AM
22	Not at this time	2/22/2021 9:23 AM
23	We need more of and less on the streets	2/20/2021 9:49 AM
24	we have a LOT of wind here. every week my cans blow over and my trash does not get picked up cause of that. How about we have the factory that makes our recycling/trash cans weight the bottom so they don't blow over... simple and minimal cost... might help with the unsightly litter problem too...	2/18/2021 12:18 AM
25	We need a recycling center in Twentynine Palms, California 92277 or in Joshua Tree, California 92252	2/17/2021 1:51 PM
26	Would love a recycling center in Needles to turn in cans and plastic for cash. Currently driving to Barstow!	2/17/2021 4:28 AM

Residential Recycling Survey

27	We desperatley need a recycling center	2/16/2021 9:37 PM
28	Needles, CA badly needs a recycling center	2/16/2021 9:08 PM
29	No	2/16/2021 8:33 PM
30	Batteries and electronics	2/16/2021 7:45 PM
31	Recycle bins need to be better marked as they get garbage thrown in and trash is right there	2/16/2021 6:55 PM
32	CRV is the biggest fucking scam ever unleashed on a population	2/16/2021 6:37 PM
33	Having a green bucket for yard waste.	2/16/2021 6:27 PM
34	It would be beneficial to our communities to have a green waste bin. This would help with prevention of illegal dumping of yard waste in our desert.	2/16/2021 5:49 PM
35	We need yard wast bin. Organics.	2/16/2021 5:04 PM
36	Somewhere to recycle grocery bags would be awesome!	2/16/2021 2:57 PM
37	We shouldn't be charged for recycling only our trash pickup.	2/16/2021 12:29 PM
38	More public trash areas for tourist to dump trash from vacation rentals at	2/16/2021 11:21 AM
39	More cash redemption centers and even free recycling centers would be nice to have in 29 palms. There's really no place to send the recyclable items other than the curbside bins.	2/16/2021 11:18 AM
40	No	2/16/2021 10:33 AM
41	Thank you for providing recycling! Some areas I've lived in don't do that and everything goes in the landfill - a huge waste!	2/16/2021 9:47 AM
42	Need more recycling events for electronic waste.	2/16/2021 8:51 AM
43	More information for diabetic syringe disposal and for large plastic items, like children toys,	2/16/2021 7:24 AM
44	Bigger bins	2/16/2021 6:30 AM
45	N/a	2/15/2021 11:28 PM
46	It would be helpful if there was a separate trash can for yard waste.	2/15/2021 10:18 PM
47	More trash days	2/15/2021 8:37 PM
48	Please catch the people dumping in the desert..	2/15/2021 8:32 PM
49	Get alternatives for household dumpsters	2/15/2021 7:48 PM
50	To have a trash / recycle day once a month at Lyons park. Due to lockdown I check the streets often. Lots of build up of those item in back yards front yards alleys and even in vacant lots pretty disgusting	2/15/2021 6:38 PM
51	Yes quit lying to us about recycling and actually recycle the recyclables. This is the worst place I have ever lived for recycle. Quit charging huge amounts of money when people want to take their trash to the landfill. Maybe people would stop dumping their trash everywhere. This place is a joke. Also the recycle bins are so small half the recycle does not fit so it goes in the trash container.	2/15/2021 1:33 PM
52	We are in need of a composting program. Soil quality is a huge issue and there doesn't seem to be any info on composting in the home. Lots of cities have compost or food waste bins or drop off sites. A program like that would eliminate a ton of useful waste going to the landfills and create a more mindful citizenship.	2/15/2021 12:59 PM
53	No	2/15/2021 11:42 AM
54	Glad we're doing it...let subscribers know that they can have more than one blue can at no charge.	2/15/2021 10:54 AM
55	Additional recycle bin provided for cardboard.	2/15/2021 10:38 AM
56	No	2/15/2021 9:16 AM
57	Not at this time.	2/15/2021 8:54 AM

Residential Recycling Survey

58	We need special pic up with large bulks picked up from neighbor's, I don't understand why people don't call. At least every 3 months for special pic up.	2/15/2021 8:29 AM
59	I am very happy that you are doing this!	2/15/2021 8:09 AM
60	Leave recycle bins out in public areas for homeless can throw away trash.	2/15/2021 7:58 AM
61	Composting would be amazing to add to our waste management	2/15/2021 7:54 AM
62	Magnetic printed card (laminated or plastic coated) that can be put on the fridge with clear, simple lists of recyclable products, beyond CRV. And on the reverse, some detail about chemical composition of differenet packaging plastics, and why some are recyclable and others not.	2/15/2021 7:36 AM
63	A better transfer station	2/15/2021 7:31 AM
64	More events that allow us to drop off large loads of bulky items, electronics, and waste. We see a lot of those items tossed in our beautiful desert and with more of those events it'll lessen the illegal dumping.	2/15/2021 7:31 AM
65	We would love a compost bin too!	2/15/2021 7:29 AM
66	Not at this time	2/15/2021 6:34 AM
67	No	2/15/2021 4:47 AM
68	Educating us more	2/15/2021 4:44 AM
69	Street cleaning should be done. Too much trash on the streets and in the desert	2/15/2021 1:32 AM
70	I have relatives in Oregon that have a recycling barrel for "green waste". Not all of us compost so I think having a greenwaste barrel would be beneficial. A once a month "hazardous waste " barrel would be beneficial as well. I had been fastidious about recycling but when the Covid thing hit, masks took priority even though hazardous waste is managed outside so I have not been nearly so fastidious.	2/14/2021 6:51 PM
71	We need Trash Bins and Recycling Bins for Public & weekender use throughout the Big bear City & Bear Valley. v	2/14/2021 11:35 AM
72	nope	2/14/2021 7:55 AM
73	I'm not provided with a trash or recycling bin where I live.	2/14/2021 7:50 AM
74	A graphic to hang up that appeals to young children, to help them understand what does and doesn't go in the inside-the-home recycle container.	2/14/2021 7:28 AM
75	Bigger bins or more of them bins for free.	2/14/2021 7:01 AM
76	Get recycling of CVRs back in 29 Palms. This carp has went on long enough.	2/13/2021 9:13 PM
77	What # items are allowed in bin.	2/13/2021 5:56 PM
78	For the community to have recycling centers for me to be able to get the crv I pay back. Grew up with depost on bottles and I was able to return them to the store and receive the deposit back. Not able to do that now.	2/13/2021 3:04 PM
79	Get Re-Planet back!!!! A lot of recycles are now going in the trash!!!	2/13/2021 2:12 PM
80	Preschool friendly video, craft and or coloring. We do have Recycling as part of lesson plan.	2/13/2021 12:08 PM
81	Burrtec is very responsive to our needs. Picks up large items when needed. Also city has helped by having days set aside for shredding sensitive materials. I appreciate both.	2/13/2021 8:50 AM
82	It is hard to get broken down boxes in the bin	2/13/2021 8:02 AM
83	I would like information on how things are recycled. How is it sorted and processed?	2/12/2021 9:01 PM
84	Recycling Center to reclaim fees paid at stores	2/12/2021 8:45 PM
85	We need public recycling containers for visitors	2/12/2021 8:02 PM
86	Our current service provider will at times pick up the trash and recycling at the same time, dumping them both in the same truck. Why does that happen?	2/12/2021 6:13 PM

Residential Recycling Survey

87	A yard waste trash can would be beneficial.	2/12/2021 5:58 PM
88	We try to recycle ♻️ everything possible!	2/12/2021 5:26 PM
89	No	2/12/2021 4:38 PM
90	Why do the garbage trucks put the recycling bin into the same truck as the trash? What is the point of me separating them? It does happen all of the time but on several occasions I have watched the truck empty both of my bins into the same truck.	2/12/2021 1:51 PM
91	There should be at least 1 place in the city of Twentynine Palms for residents to take their CRV items. This should include #1 and #2 plastics, as well as aluminum cans, and glass bottles. It's ridiculous to have to drive over a half hour to recycle and this is why trash is all over the city. The homeless have no incentive to pick up CRV-recyclables anymore, and now residents are simply throwing them in the trash. Most do not take the time to separate them into the grey (recycle) bin. There should be more locations throughout the town (at least 2) to drop off recyclable material. The bins they provide for a weekly pickup through our tax payer trash service simply isn't enough. It's been ridiculous for a while but it's gotten worse when the only 2 places locally to take CRV shut down.	2/12/2021 2:47 AM
92	Programs to make it easier for tourists to recycle	2/11/2021 5:13 PM
93	I think the trash and recycle bins should have a color sticker on the lid with what goes in each can. Maybe the sticker could have a QR code that residents can scan if they need more detailed information on what goes in each bin that could lead them to an app (preferred) or website where they could type in the item in question and have a pop up that tells them what bin the item in question goes in to.	2/11/2021 11:26 AM
94	Not at this time.	2/11/2021 11:10 AM
95	No	2/11/2021 10:34 AM
96	I'd also like a compost bin.	2/11/2021 7:15 AM
97	I think it would be amazing if we could recycle food scraps for a community compost.	2/10/2021 5:39 PM
98	There is NO place in our City to take recycle items. The closest site is 25 minutes from the city of Twentynine Palms, California. Hope a site comes soon.	2/10/2021 5:03 PM
99	Just what can & can't be recycled	2/10/2021 4:58 PM
100	I have a huge dumpster bin shared by several apartments. No where to dispose of recycling. Also no can return in town.	2/10/2021 10:30 AM
101	As I walk, I see vast amounts of garbage. Can I encourage other hikers to always have a sack to bring garbage home for recycling and disposal. Peter Balmat 5784 Morongo Rd Twentynine Palms CA 92277 United States	2/9/2021 11:51 PM
102	It would be nice to have some place to recycle, other than driving to Yucca Valley.	2/9/2021 11:20 PM
103	Printed instructions. Maybe on a laminated sheet or magnet. Could place on inside of cabinet door or on fridge to help remember what to recycle.	2/9/2021 8:26 PM
104	Even though I feel confident that I know what to recycle or where to find that out, I see many recycle cans around the neighborhood with trash in them. I don't feel confident that the items I put in my can are actually recycled. Would like some to see some statistics on that subject. An NPR segment made it seem as though it's rather futile to recycle and that most of it ends up in the landfill.	2/9/2021 2:18 PM
105	Would be great if we could add compost bins as well. We all have so much yard waste, that shouldn't be going to the landfill	2/9/2021 12:56 PM
106	I don't understand why glass, plastic, cardboard has to be clean and dry first if it is going to be recycled. This deters some from recycling more.	2/9/2021 12:34 PM
107	More homes available to those with low income	2/9/2021 11:18 AM
108	Wish we had a recycling plant in our area	2/8/2021 1:20 PM
109	Burtec is our collector. However, we live on dirt roads that are badly washed out, many places are 4 to 5 feet below residential level.	2/4/2021 12:01 PM

Residential Recycling Survey

110	educate everyone on how and what is recycled	2/4/2021 11:34 AM
111	Promotion of the service. Public engagement.	2/4/2021 5:21 AM
112	It is SO easy here. The fact that so much is accepted & no sorting required couldn't be easier. It's much appreciated.	2/3/2021 10:42 PM
113	This is not a recycling issue, but we do not have green waste containers in Yucca Valley. This should be provided.	2/3/2021 6:56 PM
114	I feel this is a great asset to the community	2/3/2021 6:35 PM
115	Can we get an easier way to recycle aluminum, glass, etc.	2/3/2021 5:15 PM
116	Green waste bin?	2/3/2021 3:46 PM
117	No	2/2/2021 12:11 PM
118	Recycling Centers open on Sunday	2/2/2021 8:18 AM
119	Why do we have to pay CRV in Needles and then pay again to have it picked up ? Paying double 😞	2/1/2021 6:23 PM
120	No	2/1/2021 3:27 PM
121	I've been told that our trash and recycled waste all ends up at the same place. So, I question whether or not our recycling efforts are actually worth it. Do you offer tours of the local recycling process?	2/1/2021 12:21 PM
122	NO	2/1/2021 10:55 AM
123	You're doing great with this initiative	1/30/2021 12:58 PM
124	Great to have an actual city Facebook page for recycling. I just found it and will follow. For the city of Adelanto.	1/29/2021 10:54 PM
125	Nothing	1/29/2021 7:20 PM
126	Usually if I have questions, I will call. What I would really like if for my neighbors to understand how easy it is and that they should recycle instead of throwing their trash on the curb which then gets blown all over the neighborhood.	1/29/2021 6:38 PM
127	no.	1/29/2021 5:17 PM
128	A recycling center	1/29/2021 1:30 PM
129	No	1/29/2021 4:51 AM
130	A better understanding of the recycle process start to finish	1/29/2021 12:43 AM
131	There used to be somewhere local to recycle aluminum but not any longer. We could benefit GREATLY from this!	1/28/2021 11:39 PM
132	Recycling of car and other type of battery also motor oil	1/28/2021 8:35 PM
133	no thanks	1/28/2021 7:15 PM
134	I would like to see more recycle bins placed around town. Possibly a recycling center opened back up.	1/28/2021 7:11 PM
135	Stickers on the bin of what is allowed. Or fridge magnet!	1/28/2021 6:58 PM
136	Yes when my children were young I put a blue plastic tote in my kitchen to teach them what went in the blue recycle container outside	1/28/2021 6:34 PM
137	We had a recycling center in our town and they shut it down! They need to reopen it! It help because people took their cans there and could get pocket money for turning in their cans and plastic bottles	1/28/2021 5:34 PM
138	Not at the moment	1/28/2021 5:34 PM
139	My Marine friend and a college friend both lived in Japan for a while (neither of them Japanese) and the Japanese way of recycling was so much better for not only the community but the	1/28/2021 4:20 PM

Residential Recycling Survey

environment. They had over there different bins for different types of recyclables and so that made it easier for the recycling companies/factories to process the recyclables. Also, they also did food waste bins which was a nifty idea. For bigger items (like older microwaves, wooden furniture, etc) both Japan and Europe had community processing plants where either the community could have the facility immediately recycle the large items or they were given away for free to the poor members of the community as long as the items were functional, sanitary, and up to code. I think Victorville can do this if places like Japan and England can too! Start off with satellite sites to see on a small scale how well this works. Maybe even have mini processing kiosks for clean plastic bottles and cans for immediate cash refund or donating to a local charity immediately.

140	Needles needs a recycling center here in town .	1/28/2021 2:03 PM
141	WE NEED A RECYCLING CENTER TO REDEEM OR CRV	1/28/2021 11:14 AM
142	No	1/28/2021 10:46 AM
143	I enforce recycling to help keep our earth looking beautiful n animals safe	1/28/2021 9:35 AM
144	Na	1/28/2021 8:50 AM
145	Nope	1/28/2021 8:01 AM
146	Yard can for yard waste	1/28/2021 7:51 AM
147	Is there anyway to keep lawn and tree materials separate or would it make a difference.	1/28/2021 7:50 AM
148	No	1/28/2021 7:22 AM
149	Needles, CA - A location to drop off tree trimmings. (Branches, leaves, etc) More extensive recycle campaign to better educated what is and is not recyclable. Most do not fully understand.	1/28/2021 7:03 AM
150	Not at this time.	1/28/2021 6:55 AM
151	No	1/28/2021 6:28 AM
152	More large item collection days that might include tires, old household items, yard clean up bundles.	1/28/2021 5:51 AM
153	n/a	1/28/2021 5:39 AM
154	Ideas for recycling materials that are not eligible for pick-up	1/28/2021 5:33 AM
155	No thank u	1/28/2021 4:39 AM
156	N/A	1/28/2021 1:23 AM
157	In need of a recycling place to turn in cans, plastic bottles etc...	1/28/2021 12:54 AM
158	No	1/28/2021 12:32 AM
159	If there were local recyclers who paid better for plastic & alum. cans	1/27/2021 11:56 PM
160	Our city needs more resources	1/27/2021 10:58 PM
161	No	1/27/2021 9:53 PM
162	No	1/27/2021 9:15 PM
163	We need a hazmat drop off more than just twice a year.	1/27/2021 7:49 PM
164	Two recycle only pick ups a week would be GREAT!	1/27/2021 6:29 PM
165	No	1/27/2021 5:13 PM
166	Since we are 150 miles from nowhere does it really get recycled? Or does it just go to the dump? Does transport cost more than the recycle is worth?	1/27/2021 4:25 PM
167	I would like to see a "green waste" program.	1/27/2021 8:11 AM
168	Concern that things aren't being recycled.	1/26/2021 9:07 PM
169	Why is the recycling center for hazardous materials rarely open? 9 years Ive been trying to go	1/26/2021 8:36 PM

Residential Recycling Survey

	there.	
170	no	1/26/2021 11:42 AM
171	No	1/26/2021 11:13 AM
172	Having a Recycling center again here in Needles. I think it really motivated people to Recycle more and the money doing so helped them as well.	1/26/2021 9:57 AM
173	There are no CRV (can or bottle) redemption locations within 100 miles of this town, so everybody just throws them in the trash.	1/26/2021 6:43 AM
174	Not at this moment. Thank you	1/26/2021 4:29 AM
175	Is what comes from this community, actually recycled. It goes to a dump in Bullhead City, AZ	1/25/2021 10:05 PM
176	Have a recycling center	1/25/2021 3:24 PM
177	no	1/25/2021 1:03 PM
178	Not now	1/22/2021 10:14 PM
179	People learning the difference between what is trash and what is recycle as well as how to avoid creating excess recycle went shopping	1/22/2021 1:18 PM
180	A trash can for weeds grass ect. at customer request, some homes don't have grass or trees.	1/22/2021 10:33 AM
181	Recycling is important to me, I just wish there was more information on what items can be recycled	1/20/2021 6:55 PM
182	I believe residential recyclable items should be included with all other trash and then be separated in a factory at the disposal end.	1/20/2021 5:54 PM
183	I think the recycling program is very limited in my town because all of it goes into one bin for pickup	1/20/2021 2:36 PM
184	Maybe recycle can can be printed with items to recycle. If you advertise with video show examples of recycling shampoo, and soap bottles. All mail, cardboard from wrapping paper, cereal boxes etc.	1/19/2021 7:48 PM
185	Since I started serious recycling my trash has reduced be 75 percent	1/16/2021 9:13 AM
186	Growing up in Germany, I am disappointed that not more can be recycled. More recycle able options would reduce trash drastically. If that could result in lower trash cost, it would be a win win	1/15/2021 6:57 PM
187	It would be nice to have a vegetation disposal bin for landscape and produce debri	1/15/2021 4:55 PM
188	No	1/14/2021 10:01 PM
189	The recycling bins in our apartment complex are always full so bigger bins and more frequent pickup would be great	1/14/2021 4:52 PM
190	Bring back the recycling facility that used to be on East Broadway.	1/14/2021 4:12 PM
191	Like to find out your recycling processes and how much is rejected.	1/14/2021 10:09 AM
192	Having a place to recycle plastic bottles and aluminum cans that we pay CRV charges on.	1/14/2021 7:54 AM
193	I think a 2nd recycling recptical at no charge would be nice. We just moved here from Simi Valley. We used to have 2 recycling, 1 yard waste and 1 trash recptical. The 2nd recycling recptical was at no charge. It truly hurts our hearts to have to put yard waste in trash and recyclable items in the trash.	1/14/2021 6:16 AM
194	More information on the products themselves on how to recycle the item would be helpful to. Remove lid, separate items like bottle and pump, or lid and jar, plastic lid but metal can, are there papers that are not ever meant to recycle. Recycling wrapping paper, paper bags, baggies, plastic wrap, grocery bags, batteries AA, AAA, C, D, 9 Volt would be a wonderful idea to add curbside!!!	1/12/2021 12:59 PM
195	Need another green trash can but Burrtec and CRR can't help me in this easy request I'm not found. ???	1/12/2021 12:31 PM

Residential Recycling Survey

196	Our community does a good job.	1/12/2021 5:24 AM
197	Yes I have ideas Any residents received like (gas, water, electric) They must have trash service that reduce dump trash neighbor everywhere. People whoes do not have trash service ,They burns or dump when they burning smells like chemical trrible smell it create poison and more etc?	1/11/2021 6:05 PM
198	Would like to see a more German style of recycling.	1/11/2021 5:45 PM
199	Thank you.	1/11/2021 5:05 PM
200	We need to have our recycling center back!! We have to pay crv and are unable to get that money back. Alot of people need that little extra cash. Especially right now.	1/11/2021 4:59 PM
201	Hotels should have a cans for recycling. Even if it's a can with a lock on it and a hole so people can't dig in it that's better than nothing. Also maybe some way to get the clothing and whatever out of the trash and given to people who need it. Homeless go through it but a lot of things still end up in the trash.	1/11/2021 3:29 PM
202	I think our community does a pretty good job at recycling	1/11/2021 2:06 PM
203	Would like to see green waste recycling included.	1/11/2021 1:35 PM
204	People have followed the recycle pickup truck and regular trash pickup truck and they are taken and dumped in the same landfill. Should look into that.	1/11/2021 11:53 AM
205	Bring back the recycling center!	1/11/2021 11:18 AM
206	YOU ARE DOING A GREAT JOB	1/11/2021 10:33 AM
207	no thank you	1/11/2021 9:55 AM
208	People in this community need education about recycling	1/11/2021 9:54 AM
209	More info on food waste recycling, which is coming soon	1/11/2021 8:59 AM
210	Recycling Center	1/11/2021 8:44 AM
211	More recycling centers	1/11/2021 8:43 AM
212	Explain to residents where to money earned from recycling goes, does it go back to us and we save on our trash bill? That would improve recycling!	1/11/2021 8:15 AM
213	I enjoy recycling but I would like to learn more about how to prepare recycled items, such as do we have to wash them or what can go in those bins.	1/11/2021 7:46 AM
214	Recycling is very important! I encourage and share about recycling at my home, my family's homes, and my work place.	1/10/2021 3:02 PM
215	No I'm ok	1/8/2021 10:52 PM
216	Size options for recycling bins. Discount on trash service if recycling is used	1/8/2021 6:41 AM
217	Would love it if you would offer a deal on worms and/or where to purchase them. Also, help us change code for family chickens in big Bear City.	1/7/2021 3:59 PM
218	Nothing more	1/6/2021 11:06 PM
219	No	1/6/2021 11:57 AM
220	Consider having one big community drop off recycling center. That way if people run out of space in their recycling cans, like around holidays or with this pandemic everyone is ordering online we run out of space in our recycling bins. I would also consider hiring someone so other people in the community don't fill it with trash. Or if you don't want to hire people you can ask for volunteers from the college students (nursing, respiratory, fire, EMT ect. to help and it would count toward their community hours) or even high school students and/or your local 4H and Grange.	1/6/2021 9:16 AM
221	No	1/6/2021 8:42 AM
222	No	1/6/2021 8:20 AM
223	More info on what to recycle would help	1/5/2021 8:04 PM

Residential Recycling Survey

224	Compost!	1/5/2021 7:44 PM
225	With the news about China not accepting our plastics, some assurance that the plastic isn't just going to the landfill would be good.	1/5/2021 7:36 PM
226	How about a composting bin for homes that could be picked up on trash days as well and more info on composting.	1/5/2021 6:31 PM
227	No	1/5/2021 4:49 PM
228	No	1/5/2021 4:26 PM
229	Na	1/5/2021 3:59 PM
230	I would like to see the Haz Mat center be more accessible. And more options for recycling. In Germany we had a place to separate our recycling. Like a glass sorter labeled brown glass, blue glass, paper, plastic. I always wonder what happens after it's all been mixed in my curb can.	1/5/2021 3:49 PM
231	No, I think the Town of Apple Valley does a great job providing recycling programs that fit our community.	1/5/2021 2:37 PM
232	I would like a larger recycle cart rather than having two small ones.	1/5/2021 1:28 PM
233	No	1/5/2021 12:56 PM
234	No	1/5/2021 12:54 PM
235	Homeless go through bins and make a mess	1/2/2021 8:34 AM

**ATTACHMENT 8 - MATERIAL CATEGORY DEFINITIONS
AND SORTING SPECIFICATIONS**

Accepted Materials	Non-accepted Materials (Contaminants)
<ol style="list-style-type: none"> 1. Paper <ol style="list-style-type: none"> a. Office paper b. Newspaper c. Paperboard (cereal boxes) d. Egg cartons e. Cardboard 2. Plastic <ol style="list-style-type: none"> a. Bottles, tubs, and jugs (#1, #2, #5) 3. Metal <ol style="list-style-type: none"> a. Aluminum cans b. Steel/tin cans c. Aluminum foil d. Empty aerosol cans 4. Glass <ol style="list-style-type: none"> a. Bottles and jars 	<ol style="list-style-type: none"> 1. Food <ol style="list-style-type: none"> a. Separated from packaging b. Included full or partially full beverage bottles 2. Non-accepted Paper <ol style="list-style-type: none"> a. Food soiled paper (pizza boxes, paper plates, napkins) b. Tissue paper/paper towels c. Coated/lined paper plates and cups d. Mailing pouches with bubble wrap e. Beverage cartons – milk/juice 3. Non-accepted Plastic <ol style="list-style-type: none"> a. Thermoform (takeout clamshells, berry boxes) b. Take out beverage cups c. Plastic cutlery d. Small food wrappers e. #6 cups f. Styrofoam g. Mailing pouches h. Hangers i. Toys 4. Non-accepted Glass <ol style="list-style-type: none"> a. Window glass b. Non-HHW light bulbs c. Pyrex 5. Non-accepted Metal <ol style="list-style-type: none"> a. Pipes, scrap, pots and pans b. Empty gas cans/tanks 6. Yard Waste/Dirt 7. Tanglers <ol style="list-style-type: none"> a. Rope, twine, hoses, wire/cords, ribbons 8. Plastic Bags & Film <ol style="list-style-type: none"> a. Trash bags, single-use carry-out bags, pet food bags 9. Textiles/Shoes <ol style="list-style-type: none"> a. Clothing/shoes b. Bedding c. Towels/rags 10. HHW

	<ul style="list-style-type: none"> a. Chemicals b. Oil <p>11. E-waste/Batteries</p> <ul style="list-style-type: none"> a. Anything with an electrical cord/plug <p>12. Diapers</p> <ul style="list-style-type: none"> a. Includes pet pads <p>13. C&D/Wood</p> <ul style="list-style-type: none"> a. Door/door frames b. Drywall c. Floor tiles <p>14. Other/Remainder</p> <ul style="list-style-type: none"> a. Residue/fines smaller than 1 inch b. Non food organic material (dog poop, hair, urine) c. Items that don't fit into other categories (ceramics, candles, kitty litter, crayons, etc) <p>15. Personal Protective Equipment (PPE)</p> <ul style="list-style-type: none"> a. Surgical masks b. Gloves
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**MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE
JOINT POWERS AUTHORITY**

AGENDA MATTER

Commercial Outreach Fliers

SUMMARY STATEMENT

The Authority prepared two fliers for use by members. They provide background on new requirements to arrange to divert organic materials from landfills and recovering edible food (SB 1383); and to provide containers and signage to collect front-of-the-house recycling and organics materials that are consumed on premises (AB 827).

The fliers are modified to provide community and edible food contact information. Downloadable posters are offered at <https://urecycle.org/posters/> for both front and back of the house use.

RECOMMENDED ACTION

Information on commercial fliers and posters

PRESENTED BY	FISCAL IMPACT:	MEETING DATE	ITEM NUMBER
John Davis	None	February 10, 2022	7

NEW CALIFORNIA ORGANICS LAW REQUIREMENTS

SB 1383 is a new law that requires the state to dramatically expand its composting abilities and reduce the amount of waste sent to landfills.

THE LAW SETS THE FOLLOWING TWO TARGETS TO BE ACHIEVED BY 2025:

1. DIVERT ORGANICS FROM LANDFILL

Reduce statewide disposal of organic waste by 75% from 2014 levels.

Organic waste (organics) such as food waste, green waste, landscape and pruning waste, and nonhazardous wood waste make up half of what Californians dump in landfills. When organic waste is sent to landfill, it decomposes anaerobically (without oxygen) which creates methane — one of the most potent greenhouse gases in Earth's atmosphere. Methane is a short-lived climate pollutant that is 84 times stronger than carbon dioxide over a 20-year period. NASA recently captured satellite images of California landfills and published an inventory showing them as super emitters of methane. **Keeping organic material out of landfills will slow the rate of greenhouse gas accumulation and begin to reduce their impacts.**



2. RECOVER EDIBLE FOOD

Rescue at least 20% of currently disposed of edible food (food intended for human consumption) to feed people in need.

Food recovery means collecting edible food that would otherwise go to landfill and redistributing it to feed people in need.

Californians send 11.2 billion pounds of food to landfills each year, some of which was still fresh enough to have been recovered to feed people in need. One in 5 children go hungry every night in California – redirecting perfectly edible food to feed those in need can help alleviate this. Feeding hungry people through food recovery is the best use of surplus food and a vital way for California to conserve resources and reduce waste thrown in landfills.

To reduce food waste and address food insecurity, surplus edible food will instead go to food banks, soup kitchens, and other food recovery organizations and services to help feed Californians in need.



HOW TO COMPLY WITH SB 1383

Everyone: municipalities, haulers, processors and generators like businesses and single/multifamily residents are required to keep organic materials out of the landfill and can receive fines if they do not comply.

If you own a business or apartment/condo complex (of five units or more), you are required to:

- ♻️ Divert organics from the landfill by arranging for organics collection service (likely provided by your current garbage and recycling hauler) **OR** self-haul organic waste to a specified composting facility, community composting program, or other collection activity or program.
- ♻️ Provide collection containers for recycling and organics to customers, tenants, and employees.
- ♻️ Provide education to employees and customers on proper sorting of recyclables and organic materials. We offer free printable posters to help with this on our website at urecycle.org/posters.
- ♻️ Recover edible food. See reverse for important edible food recovery information.



CONTACT INFO GOES HERE

NEW CALIFORNIA ORGANICS LAW REQUIREMENTS

COMMERCIAL EDIBLE FOOD GENERATORS SB 1383 REQUIREMENTS

To comply with SB 1383, commercial edible food generators are required to 1) divert organics from the landfill and 2) recover the maximum amount of their edible food that would otherwise go to landfills. See reverse side of this document for information about landfill diversion. Edible food waste, applies only to commercial food generators and implementation is split into two tiers:

TIER ONE BUSINESSES MUST COMPLY BY 1/1/2022

- Supermarkets
- Grocery Stores (with a total facility size greater than 10,000 sq. ft.)
- Food Service Providers
- Wholesale Food Vendors
- Food Distributors

TIER TWO BUSINESSES MUST COMPLY BY 1/1/2024

- Restaurants (with more than 250 seats, or greater than 5,000 sq. ft.)
- Hotels (with onsite food facility and more than 200 rooms)
- Health facilities (with onsite food facility and more than 100 beds)
- State agencies (with a cafeteria with more than 250 seats, or greater than 5,000 sq. ft.)
- Local education agencies (with an onsite food facility)
- Large venues
- Large events

HOW TO COMPLY WITH SB 1383 THE EDIBLE FOOD RECOVERY REQUIREMENTS

RECOVER EDIBLE FOOD

Arrange to recover the maximum amount of edible food that would otherwise be landfilled.

CONTRACT WITH A FOOD RECOVERY ORGANIZATION

Enter into a contract or written agreement with a food recovery organization or service that will either: (1) collect your edible food for food recovery; or, (2) accept food that is self-hauled to the food recovery organization during the delivery/drop off times specified in the contract or written agreement.

MAINTAIN RECORDS

Maintain records related to edible food recovery activities. This recordkeeping includes maintaining:

- A list of each food recovery service or organization that collects or receives your edible food.
- A copy of contracts or written agreements between your business and each food recovery organization or service that you have a contract or agreement with, including contact information; types of food collected or self-hauled, collection schedule, and quantity of food collected or self-hauled, measured in pounds recovered per month.

FOOD RECOVERY ORGANIZATIONS

Recovery organizations include, but are not limited to: food banks, food pantries, soup kitchens, other non-profits that distribute food to people in need, food runners, or other for-profit food recovery services.

One well-established, local organization is the High Desert Food Collaborative. Call them at (442) 267-4444 for more information.



CONTACT FOR MORE INFORMATION

CONTACT INFO GOES HERE

CUSTOMER ACCESS TO RECYCLING

Effective July 1, 2020, businesses that sell products meant for immediate consumption must provide recycling and organics containers at front-of-house to collect waste generated by customers from products they purchase and consume on the premises.

AB 827 is intended to educate and involve consumers in achieving the state's recycling goals by requiring businesses to make recycling and/or organic recycling bins available to customers.



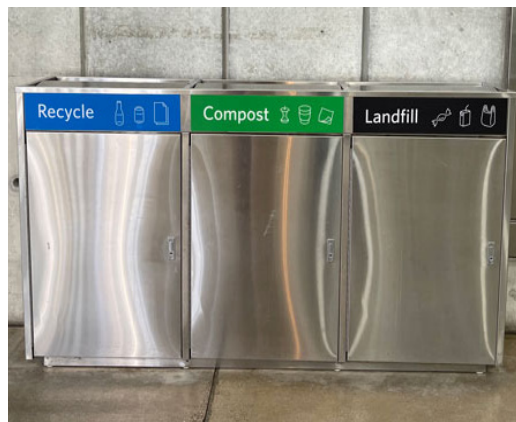
AB 827

AB 827 requires California businesses that generate two or more cubic yards of commercial solid waste per week and sell products meant for immediate consumption* provide recycling and organics containers alongside trash bins at front-of-house to collect waste generated by customers from products they purchase and consume on the premises.

** Full-service restaurants do not have to provide properly labeled containers for patrons but must provide properly labeled containers next to trash containers for employees to separate post-consumer recyclables and organics for customers.*

HOW TO COMPLY WITH THE LAW

Place containers for recycling and organics adjacent to trash containers where they are visible and easily accessible to customers. Containers must be clearly marked.



Printable signage is available free online from:

www.urecycle.org/posters

www.calrecycle.ca.gov/Recycle/Commercial/Organics/PRToolkit

CONTACT A RECYCLING COORDINATOR FOR HELP



urecycle.org

Can be a blank field here in the PDF for each jurisdiction to put their own contact info.

GARBAGE

BASURA



A collage of various plastic and metal waste items. At the top left are four plastic bottles: orange, clear, green, and blue. To their right are two dark glass bottles and a clear glass bottle. Below the orange bottle are two containers of 'Tostitos' salsa. In the center is a red metal can. To the right of the can is a rectangular aluminum tray and a crumpled piece of aluminum foil. At the bottom left is a clear plastic cup and a clear plastic container with its lid open. At the bottom center is a folded newspaper. At the bottom right is a brown paper shopping bag.



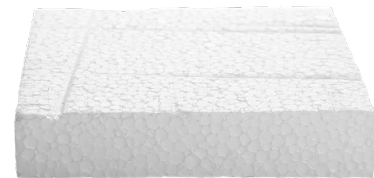
ORGANICS

MATERIAS ORGÁNICAS



GARBAGE

BASURA



MOJAVE DESERT
& MOUNTAIN
RECYCLING
AUTHORITY

RECYCLING

RECICLAJE



ORGANICS

MATERIAS ORGÁNICAS



MOJAVE DESERT
& MOUNTAIN
RECYCLING
AUTHORITY

MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE JOINT POWERS AUTHORITY

AGENDA MATTER

Public Comment

SUMMARY STATEMENT

Comments on items of interest to the Public.
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RECOMMENDED ACTION

None

PRESENTED BY

Cambria Carroll

MEETING DATE

February 10, 2022

ITEM NUMBER

8

MOJAVE DESERT AND MOUNTAIN INTEGRATED WASTE JOINT POWERS AUTHORITY

AGENDA MATTER

Board Comment

SUMMARY STATEMENT

Comments by members of the Board.

RECOMMENDED ACTION

None

PRESENTED BY

Cambria Carroll

MEETING DATE

February 10, 2022

ITEM NUMBER

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