

A. COMMUNITY RECYCLING PLAN (10 POINTS)

NAME OF ENTITY	OTERO COUNTY SOLID WASTE
ANNUAL TONS OR CUBIC YARDS OF MATERIAL CURRENTLY DIVERTED FROM LANDFILL	1584.44 TONS
ANNUAL TONS OR CUBIC YARDS OF WASTE LANDFILLED	6284.18 TONS
PERCENT RECYCLED	20 %

STATUS OF RECYCLING IN THE COMMUNITY

EXAMPLES:

- **WHAT EXISTING RECYCLING PROGRAMS, ACTIVITIES, AND SERVICES ARE AVAILABLE?**
- **WHAT ARE THE CURRENT RECYCLABLES COLLECTION AND PROCESSING ACTIVITIES?**
- **WHAT ARE CURRENT DIVERSION RATES?**

STATUS OF RECYCLING IN THE COMMUNITY

WE RECEIVED A GRANT THROUGH THE AMERICAN RECOVERY AND REINVESTMENT ACT WHICH IS ADMINISTERED BY THE NEW MEXICO RECYCLING COALITION BACK IN 2010. THE FACILITY IS OPERATIONAL AT THIS POINT, BUT WE ARE STILL WAITING FOR ROLL-OFF CONTAINERS AND TRAILERS.

THIS RECYCLING FACILITY WILL HANDLE SIX COMMODITIES, #1 AND #2 PLASTICS, MIXED PAPER, ALUMINUM CANS, TIN CANS, OCC. IN ADDITION TO THE ABOVE MENTIONED COMMODITIES WE ALSO RECYCLE GREEN WASTE, WHITE GOODS / METAL, OIL, AND TIRES.

I'VE LISTED OUR CURRENT DIVERSION RATES BELOW:

GREEN WASTE: 1266.66 TON PER YEAR

TIRES: 201.75 TONS PER YEAR

MOTOR OIL: 16.2 TONS PER YEAR

OCC: 70.7 TONS PER YEAR

WHITE GOODS / METAL: 247.08 TON PER YEAR

LONG-TERM VISION FOR COMMUNITY RECYCLING PROGRAM

EXAMPLES:

- **DO YOU NEED PROGRAM STARTUP FUNDING?**
- **WHAT ARE YOUR RECYCLING RATE GOALS?**
- **HOW CAN YOU PROVIDE INCREASED RECYCLING ACCESS TO THE COMMUNITY?**
- **HOW CAN YOU EXPANDE MATERIALS COLLECTION?**
- **HOW CAN YOU IMPROVE THE QUALITY OF MATERIALS COLLECTED?**
- **HOW CAN YOU IMPROVE EDUCATION AND OUTREACH?**
- **HOW CAN YOU REDUCE RELIANCE ON LANDFILLING?**

LONG-TERM VISION FOR COMMUNITY RECYCLING PROGRAM

No

33% WITHIN FIVE YEARS

BY PLACING MORE RECYCLING CONTAINERS AND TRAILERS IN STRATEGIC LOCATIONS THROUGH OUT THE COUNTY.

BY OBTAINING MORE OCC COLLECTION TRAILERS TO PLACE THROUGH OUT THE COUNTY.

WE WILL USE A PUBLIC AWARENESS PROGRAM TO EDUCATE THE PUBLIC ON THE NEED FOR QUALITY MATERIALS SO WE CAN SPEND MORE TIME BALING THE COMMODITIES VERSES PICKING THROUGH AND SORTING OUT THE NON-RECYCLABLES.

ALSO BY A PUBLIC AWARENESS PROGRAM THAT WILL BE RUN BY OUR ROC (RECYCLE OTERO COUNTY) CITIZENS GROUP. IN ADDITION PSA'S WILL BE RUN ON LOCAL RADIO STATIONS TO HELP INFORM THE PUBLIC.

WE HAVE TO CONTINUE TO SEARCH FOR NEW AND DIFFERENT WAYS TO RE-USE WASTE MATERIALS THAT COME TO OUR TRANSFER STATIONS. ALSO PUSH OUR PUBLIC AWARENESS PROGRAM FOR RECYCLING AND BACK UP OUR STATEMENTS WITH STATS THAT REFLECT THE BENEFITS OF REDUCING OUR RELIANCE ON LANDFILLING.

ECONOMIC ASSESSMENT
EXAMPLES: <ul style="list-style-type: none">• WHAT ARE CURRENT SOLID WASTE PROGRAM COSTS AND FUNDING?• WHAT FUNDING IS AVAILABLE FOR PROGRAM IMPROVEMENTS (SELF-FUNDED, GRANT FUNDS, LOANS, ETC.)?• HOW MUCH MONEY CAN BE SAVED BY AVOIDED LANDFILL TIPPING FEES IF MATERIALS ARE DIVERTED TO RECYCLING?

ECONOMIC ASSESSMENT
<p>THE BUDGET FOR OTERO COUNTY SOLID WASTE FOR FISCAL YEAR 2011/2012 IS \$1,007,228.37, AND IT COMES OUT OF OUR GENERAL FUND.</p> <p>THE ONLY FUNDING THAT WE ARE CURRENTLY LOOKING AT IS YOUR GRANT THROUGH THE NEW MEXICO RECYCLING AND ILLEGAL DUMPING ALLIANCE.</p> <p>LAST YEAR \$22,023.28 WAS SAVED BY DIVERTING MATERIAL FROM THE LANDFILL.</p>

LOCAL AND POLITICAL SUPPORT FOR RECYCLING

EXAMPLES:

- **IS THE COMMUNITY ASKING FOR MORE RECYCLING?**
- **ARE YOUR COMMUNITY LEADERS IN SUPPORT OF RECYCLING?**
- **ARE THEY WILLING TO INVEST STAFF TIME AND FUNDS TOWARDS THIS ENDEAVOR?**

LOCAL AND POLITICAL SUPPORT FOR RECYCLING

YES OUR COMMUNITY IS LIKE ANY OTHER COMMUNITY IN NEW MEXICO THAT DOESN'T HAVE AN EFFECTIVE RECYCLING PROGRAM. THE BIGGEST ASSET THAT WE HAVE GOING FOR US IS THAT WE A MILITARY COMMUNITY WHICH BRINGS PEOPLE FROM ALL OVER WITH KNOWLEDGE OF RECYCLING.

YES THEY ARE. ONE OF OUR COUNTY COMMISSIONERS HAS STARTED TWO DIFFERENT PROGRAMS IN TWO DIFFERENT COMMUNITIES. THE FIRST IS KEEP ALAMOGORDO BEAUTIFUL AND THE SECOND IS KEEP TULAROSA BEAUTIFUL. SHE HAS ALSO WRITTEN THE GRANT FOR US TO RECEIVE THE HUB AND SPOKE GRANT.

YES: COUNTY AND MUNICIPAL OFFICIALS ARE COMMITTED TO THIS PROGRAM, AND ENCOURAGE PARTICIPATION. THE COUNTY COMMISSION HAS FUNDED THE EFFORTS, AND AGGRESSIVELY SEEKS FUNDING TO EXPAND IT.

REGIONAL PARTNERSHIPS

EXAMPLES:

HAVE NEIGHBORING COMMUNITIES BEEN CONTACTED TO ASSESS THEIR RECYCLING OPPORTUNITIES?

IS THERE A NEARBY TRANSFER STATION WHERE RESIDENTS TAKE THEIR TRASH ALREADY THAT COULD BE THE LOCALE FOR THE RECYCLING COLLECTION EQUIPMENT?

ARE THERE POTENTIAL PARTNERING OPPORTUNITIES TO MAXIMIZE THE EFFICIENCY OF RECYCLING EQUIPMENT?

FOR EXAMPLE, A NEARBY COMMUNITY OR BUSINESS WITH A HORIZONTAL BALER TO WHICH YOUR COMMUNITY COULD DELIVER MATERIAL. WOULD A MEMORANDUM OF UNDERSTANDING (MOU) BE NEEDED TO OUTLINE THE RECYCLING RELATIONSHIP?

ARE THEIR LOCAL SCHOOLS OR CIVIC GROUPS THAT COULD AID AND SUPPORT THE COMMUNITY RECYCLING PROGRAM TO ENHANCE SUCCESS?

REGIONAL PARTNERSHIPS

YES THEY HAVE.

OUR LALUZ CONVENIENCE CENTER IS CENTRALLY LOCATED IN THE COUNTY AND AN IDEAL LOCATION FOR OUR HUB.

WE WILL BE WORKING WITH ALL THE SURROUNDING COMMUNITIES AND COLLECTING ALL THERE RECYCLED MATERIALS AND BRINGING THEM TO THE LALUZ LOCATION TO BE BALED. SOME LOCATIONS WE WILL BE DOING A MOU WITH TO WORK OUT ALL THE DETAILS.

YES THERE ARE. WE HAVE THREE CITIZEN GROUPS THAT WE WILL BE WORKING WITH TO HELP US IN OUR EFFORTS. IN ADDITION SOME OF THE SCHOOLS ARE INTERESTED IN COMING ON BOARD TO HELP US ENHANCE OUR PROGRAM.

MARKETING RESEARCH

EXAMPLES:

HAVE YOU IDENTIFIED WHERE THE MATERIAL WILL GO FOR RECYCLING?

WILL YOU HAVE TO DELIVER THE MATERIAL? WILL THE END-MARKET PICK-UP THE MATERIAL? WHAT IS THE DISTANCE TO MARKET?

WHAT MATERIALS DO THEY ACCEPT? WHAT ARE THE REQUIREMENTS FOR THAT RECYCLABLE ITEM? NO LIDS? SORTED BY MATERIAL TYPE OR MIXED TOGETHER WITH OTHER MATERIALS? DEFINITION OF PAPERS ACCEPTED? DOES THE END-MARKET PAY FOR MATERIALS? DO YOU HAVE TO PAY TO HAVE THE RECYCLABLES ACCEPTED (E.G. TIRES)

IF THE MATERIAL YOU ARE COLLECTING HAS A FEE TO PROCESS IT, CAN YOU PLAN TO PASS THIS COST ON TO YOUR CUSTOMERS?

MARKETING RESEARCH

WE ARE IN THE BEGINNING STAGES OF OUR PROGRAM; THE ONLY COMMODITY THAT WE HAVE SENT TO MARKET IS OCC WHICH WENT TO BIO-PAPPLE IN ALBUQUERQUE. THEY SENT A FLATBED SEMI TRAILER TO PICK UP OUR LOAD. THE GRANT THAT WE RECEIVED THROUGH THE NEW MEXICO RECYCLING COALITION HAS US SET UP WITH VENDORS THAT WILL COME AND PICK UP OUR BALES AND BRING THEM TO THE MARKET.

THE COMMODITIES THAT WE WILL BE RECYCLING ARE #1, #2 PLASTICS, ALUMINUM CANS, TIN CANS, OCC, AND MIXED PAPER. WE WILL SORT ALL THE MATERIALS AND BALE THEM AND HAVE THEM PICKED UP BY THE VENDOR AND BE PAID BY THE TON FOR OUR PRODUCTS. ALL THE SPECIFICATIONS FOR THE RECYCLED MATERIALS ARE SET BY THE VENDORS AND WE WILL GET A SPEC SHEET TO LET US KNOW WHAT THE PARAMITERS WILL BE FOR EACH COMMODITIE.

NONE OF THE MATERIALS THAT WE ARE DEALING WITH HAS A PROCESS FEE ASSOCIATED WITH IT.

COLLECTION METHODS

EXAMPLES:

HOW ARE YOU CURRENTLY COLLECTING RECYCLABLES? COLLECTING TRASH?

WHERE ARE THE DROP-OFF FACILITIES OR SERVICES?

WILL YOU NEED TO CONSOLIDATE RECYCLABLES AT A CENTRAL LOCATION BEFORE GETTING TO END-MARKET?

WHAT EQUIPMENT WOULD BE NEEDED TO EXPAND RECYCLING COLLECTION? E.G. MIXED MATERIAL ROLL-OFF, SINGLE MATERIAL ROLL-OFF, SMALL DUMPSTER, SHED WITH 55-GALLON DRUMS FOR OIL/ANTIFREEZE, MULTI-BIN COVERED ROLL-OFF, MULTI-BIN PORTABLE TRAILER. PLAN EQUIPMENT ACCORDING TO THE END-MARKET AND THEIR REQUIREMENTS AND THE NECESSITY FOR TRANSPORT OR CONSOLIDATION LOCATIONS IN YOUR COMMUNITY.

WILL THE DROP-OFF RECYCLING LOCATION BE MANNED? IF NOT, WILL IT BE COVERED OR PROVIDE SMALL SLOTS TO AVOID ILLEGAL DUMPING AND MATERIAL CONTAMINATION?

DO MARKETS ALLOW MIXED MATERIALS? OR DO THEY REQUIRE PRE-SORTED RECYCLABLES?

COLLECTION METHODS

WE ARE CURRENTLY ACCEPTING DROP OFF RECYCLABLES AT OUR LALUZ SITE. PLUS WE ARE COLLECTING OCC, AND METAL AT OUR CHAPARRAL, CLOUDCROFT, LAVELLE AND LALUZ CENTERS. TRASH IS COLLECTED IN 40 YARD CONTAINERS AT ALL OF OUR SITES AROUND THE COUNTY. WE HAVE NINE SITES TOTAL AND FOUR OF THEM ARE MANNED.

DROP OFF LOCATIONS ARE AS FOLLOWS; LALUZ, LAVELLE, CHAPARRAL, OROGRANDE, CLOUDCROFT, BENT, WEED/SACRAMENTO, PINON, AND ALAMO WEST.

YES OUR CENTRAL HUB LOCATION WILL BE OUR LALUZ CONVENIENCE CENTER.

WE ARE LOOKING TO ACQUIRE FIVE MORE OCC TRAILERS THAT COULD BE USED TO COLLECT CARDBOARD AT LOCAL BUSINESS LOCATIONS OR AT LOCATIONS THAT COULD PRODUCE A LARGE QUANTITY OF OCC.

NO THEY WILL NOT BE MANNED BUT WE WILL DESIGN THE TRAILERS WITH SLOTS TO AVOID ILLEGAL DUMPING AND MATERIAL CONTAMINATION.

CURRENTLY THE MARKETS REQUIRE THAT WE PRE-SORT MOST MATERIALS, THE ONLY MATERIAL THAT IS NOT SORTED IS MIXED PAPER.

PROCESSING AND STORAGE

EXAMPLES:

WILL YOUR COMMUNITY BALE ANY MATERIALS FOR THE END-MARKET? BALERS CREATE LARGE, COMPRESSED RECTANGULAR BUNDLES OF MATERIAL, CREATING BENEFITS IN TRANSPORTATION. CARDBOARD IS OFTEN BALED WHEN LARGE QUANTITIES ARE AVAILABLE FOR RECYCLING.

WILL YOU DELIVER MATERIALS TO A NEIGHBORING COMMUNITY TO HAVE THE MATERIAL BALED? (NOTE, MOST END-MARKETS PROVIDE BETTER PRICES FOR BALED MATERIAL, BUT YOUR COMMUNITY MUST DECIDE THE LEVEL OF INVESTMENT TO MAKE, AMOUNT OF MATERIALS PRODUCED, ETC BEFORE MAKING THE DECISION TO BALE)

FOR THE END-MARKET TO PICK-UP MATERIAL, WILL YOU HAVE TO STORE MATERIAL UNTIL A TRUCKLOAD HAS BEEN COLLECTED? DOES THAT MATERIAL NEED TO BE COVERED, KEPT UNDER ROOF OR HAVE ANY OTHER SPECIAL STORAGE REQUIREMENTS?

PROCESSING AND STORAGE

ALL OUR MATERIAL WILL BE BALED AT OUR LALUZ SITE BY OUR HORIZONTAL BALER WHICH WE AQUIRED THROUGH THE GRANT MENTIONED EARLIER. THE MATERIAL WILL BE STORED ON SITE IN A BUILDING UNTILL THE VENDOR PICKS IT UP.

EDUCATION

EXAMPLES:

WHAT TYPE OF COMMUNICATION AND EDUCATION ACTIVITIES DO YOU HAVE IN PLACE TO SUPPORT YOUR PROGRAMS?

WHAT EXPANDED EDUCATIONAL OUTREACH DO YOU HAVE PLANNED?

DETAILED SIGNAGE ON WHAT CAN AND CANNOT BE RECYCLED AT THE DROP-OFF AREA IS ESSENTIAL.

IT IS RECOMMENDED THAT EDUCATION TO RESIDENTS OCCUR AROUND THE YEAR VIA NEWSLETTER INFO, BILL INSERTS, FLYERS, PRINT OR RADIO ADS (MANY TIMES THESE VENUES PROVIDE THIS FOR FREE IN SMALLER COMMUNITIES) AND OUTREACH AT COMMUNITY MEETINGS.

PUBLIC EDUCATION AND PROGRAM PROMOTION ARE KEY TO PROGRAM SUCCESS.

EDUCATION

WE ARE CURRENTLY BEING SUPPORTED BY THE NEW MEXICO RECYCLING COALITION, THEY HAVE TRAINED ALL OUR EMPLOYEES AND WILL BE SUPPLYING US WITH BROCHURES AND FLYERS TO HAND OUT TO THE COMMUNITY.

OUR COUNTY HAS THREE DIFFERENT CITIZEN GROUPS THAT WILL BE WORKING WITH US TO HELP INFORM THE PUBLIC ABOUT THE BENEFITS OF RECYCLING AND THE IMPACT IT COULD HAVE ON OUR COMMUNITY.

EACH DROP-OFF SITE WILL HAVE SIGNAGE ON WHAT CAN AND CANNOT BE RECYCLED.

A PUBLIC AWARENESS PROGRAM WILL BE INSTITUTED AND WILL BE MAINTAINED TO HELP BRING THE PUBLIC ON BOARD WITH RECYCLING.

RECYCLEABLE MATERIAL	☑ ALL THAT APPLY		COLLECTION DEVICE OR EQUIPMENT NEEDED	END-MARKET TO DELIVER TO
	EXISTING PROGRAM	TIMELINE TO EXPAND COLLECTION		
Motor Oil / Antifreeze	X			Safety kleen
Lead-acid car batteries	X			Interstate Battries
Cardboard - Corrugated Newspaper ONP #7	X		OCC Trailers	Bio-Papple
Aluminum Cans	X			Commercial Metals
Glass containers				
Scrap metals	X			Commercial Metals
Green waste and/or woody landscaping waste (e.g., for producing compost or mulch	X			Chipped on site
Mixed paper	X			Yet to be determined
Office Paper	X			Yet to be determined
Phone Books				
Concrete	X			Used by Road Dept.
Electronics (E-Waste)				
Household hazardous waste				
Textiles/Clothing				
Reuse Exchange Area				
Batteries - rechargeable				
Building Materials (Reuse exchange)				
Carpet				
Cell Phones				
Disk				
Drywall (Gypsum Board)				
Lumber, wood waste				
Food waste				
Animal waste				
Plastic Bags				
Plastic #1 & #2 Bottles	X			Yet to be determined
Printer cartridges				
Styrofoam				
Tires	X			Baled on site
White Goods (appliances)	X			Commercial Metals

RECYCLING PLAN TIMELINE
<p>EXAMPLES:</p> <p>WHAT ACTIONS AND TIMELINE WILL YOU DEVELOP TO ACHIEVE THE STATED GOALS?</p> <p>WHAT ACTIONS DOES YOUR COMMUNITY INTEND TO TAKE IN THE FUTURE TO INCREASE ACCESS TO RECYCLING AND INCREASE YOUR COMMUNITY'S RECYCLING RATE?</p> <p>THE QUALITY OF THE ACTION PLAN IS NOT THE NUMBER OF ACTIONS, BUT THE ABILITY OF YOUR COMMUNITY TO ACHIEVE THEM</p> <p>HOW WILL YOU KNOW IF YOU HAVE SUCCEEDED (PERFORMANCE MEASURE)?</p>

RECYCLING PLAN TIMELINE				
GOAL	ACTION	PERFORMANCE MEASURE	TARGET DATE	RESPONSIBILITY
CONSTRUCT RECYCLING CENTER	BUILDING, EQUIPMENT PLACEMENT, ECT.	COMPLETION OF RECYCLING CENTER	JUNE, 2012	OTERO COUNTY
IDENTIFY ALL SPOKE LOCATIONS	SIGN AGREEMENTS, PLACE EQUIPMENT	PLACEMENT OF EQUIPMENT	JUNE, 2012	OTERO COUNTY
PUBLICIZE EFFORTS	MULTIMEDIA EFFORT TO NOTIFY PUBLIC	AMOUNT (WT.) OF RECYCLABLE MATERIAL	JUNE, 2013	OTERO COUNTY

A.

This Community Recycling Plan was based on a document developed by the NM Recycling and Illegal Dumping (RAID) Alliance as part of the RAID grant application.

This plan can be written as a stand-alone document or as a resolution for your community to adopt, use in steering solid waste plans, etc.

For technical assistance, such as end-market contacts, equipment recommendations, and other help, please call the New Mexico Recycling Coalition, 505-983-4470.