

June 6, 2011

Phase 1, San Benito County, Survey of Current and Potential Feedstock and Recycled Content Usage within the Central Coast Recycling Market Development Zone



Prepared for:

**Central Coast
Recycling Market
Development Zone**

Prepared by:

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June 6, 2011

Via Email

Ms. Normandy Rose
Zone Administrator
Central Coast Recycling Market Development Zone
3220 Southside Road
Hollister, CA 95023

Subject: Phase 1, San Benito County, Survey of Current and Potential Feedstock and Recycled Content Usage within the Central Coast Recycling Market Development Zone.

Dear Ms. Rose:

In accordance with our Agreement as of March 15, 2011, IntelliWaste, Inc. (IntelliWaste) is pleased to present Phase 1 (San Benito County) of our survey of current and future feedstock and recycled content usage within the Central Coast Recycling Market Development Zone (CCRMDZ). We have agreed to conduct our survey beginning with San Benito County and to identify if the results of the survey warrant continuing the work for Monterey, Santa Cruz, and San Luis Obispo Counties – the other members of the CCRMDZ. .

The purpose and goal of this survey was to:

- 1) To identify and survey manufacturers that currently use recycled materials to manufacture new products within the CCRMDZ as to their ability to increase their use of recovered materials.
- 2) To identify manufacturers not currently using recycled materials to manufacture new products within the CCRMDZ as to their ability to use recovered materials.
- 3) To provide a report of findings to the CCRMDZ specifically for Phase 1, San Benito County.

While the term “manufactured” is used through out this survey report, we have also included agricultural, building, and construction companies as part of the group of companies we contacted. These non-manufacturing companies can and do use recycled feedstock post-consumer materials as part of their industry practice.

To accomplish these purposes and goals, IntelliWaste performed the following tasks:

TASK 1:

Identified manufacturers from publicly available databases using available sources specifically for San Benito County. We focused on candidate companies based on SIC (Standard Industrial Classification) codes and developed a list of the industries most likely to have recycled product feedstock requirements.

TASK 2:

Contacted the candidate manufacturers and conducted a telephone interview to discuss the company’s raw material usage and feedstock requirements. We developed a work paper profile for each company using the Internet. In addition, we asked basis questions from each company regarding the type of business they are engaged in. Once we obtained this information,, each company profile consisted of: the company name; interviewee name; telephone number; number of company employees; type of industry by SIC code; recycled content type and usage; equivalent raw material source and usage; current material usage (raw and recycled) by weight; future plans to substitute and incorporate local recycled materials into their manufacturing process; and other pertinent information.

TASK 3:

Identified current material generator flow pathways of recycled feedstock within San Benito County (Phase 1) to determine where materials are moving from and to. Where feasible, we determined a weight-based judgment of these materials types and usage.

TASK 4:

Identified recycling/reuse/options in San Benito County (Phase 1) for recycled feedstock materials. We will discuss the present recycling/reuse conditions within San Benito County (Phase 1) and present findings regarding recovery and reuse of harder to recycle materials by area industries. When applicable, we also recommend how certain materials may be made more readily available to end users.

RECYCLED FEEDSTOCK MATERIALS

Feedstock is defined as raw material required for an industrial process. Recycled feedstock is further defined as material that has been previously recycled that can again be used as basis feedstock or reused in a primary manufacturing process. While the basic definition is applied to manufacturing processing, we have further expanded the term to include agricultural industries that use organic products such as compost. The following recycled feedstock materials are known to be used in various manufacturing and agricultural processes.

- Metals such as copper, aluminum and steel
- Plastics
- Construction and Demolition Materials (C&D) such as concrete, aggregate and rock
- Glass
- Wood and organic materials such as compost
- Tires

In the case of a recycled feedstock as a raw material, the likely target customer is an industrial manufacturer who would be willing to test, reformulate, and retool (if necessary), to use the recycled feedstock. Depending on the process and the end product, either a percentage of recycled feedstock can be used in a formulation, or when technically feasible, 100% recycled-content feedstocks are used. The recycled-content feedstock must have some measurable benefit; e.g., more efficient production, better product performance or aesthetics, more flexible delivery, or lower cost.

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SAN BENITO COUNTY MAJOR EMPLOYERS

| | | Employees |
|------------------------------------|-----------------------------------|-----------|
| Natural Selection/Earthbound Farms | Fruits & Vegetable grower/shipper | 1000 + |
| Hazel Hawkins Memorial Hospital | Medical Service | 250 - 499 |
| Milgard | Manufacturing | 250 - 499 |
| Pacific Scientific | Manufacturing | 250 - 499 |
| San Benito High School | Schools | 250 - 499 |
| True Leaf Farms | Farm Management Service | 250 - 499 |
| Nob Hill | Retail Grocery | 100 - 249 |
| Target | Retail | 100 - 249 |
| Trical, Inc. | Farms | 100 - 249 |
| Corbin | Manufacturing | 100 - 249 |
| West Marine | Distribution | 100- 249 |
| Ridgemark | Recreation | 100 - 249 |
| Casa de Fruita | Recreation, retail, restaurant | 100 - 249 |
| Cedar Valley Shingle Systems | Manufacturing | 100 - 249 |
| Denise & Felice Packing Co. | Fruits & Vegetables wholesale | 100 - 249 |
| El Modeno Gardens, Inc. | Nurseries - wholesale | 100 - 249 |
| LifeSparc Inc. | | 100 - 249 |
| MC Electronics, inc. | Electronic Equipment - wholesale | 100 - 249 |
| San Benito Foods | Canning | 100 - 249 |

Source: California Economic Development Department / <http://www.labormarketinfo.edd.ca.gov/>

LIST OF SURVEY QUESTIONS

For each company contacted, IntelliWaste prepared a specific list of questions to inquire about recycled feedstock usage (post-consumer) either current or for potential use in the future. Depending on the initial response from the manufacturer, some or all of the questions were posed as part of the interview process. Some interviewees wished not to have their name published for a variety of reasons in order to participate in the survey. Given the nature of their response and in keeping with the spirit and goals that the CCRMDZ maintains in conducting this survey, future follow-up can be made at the address and phone number referenced. The interview questions included:

FEEDSTOCK SURVEY QUESTIONS

1. What type of feedstock material(s) do you use?
2. How many pounds or tons of recycled feedstock do you use per year?
3. What are some of the advantages of using recycled vs. raw or virgin material?
4. What are the disadvantages?
5. What was one of the primary reasons your company decided to engage in using recycled material.
6. Were government subsidies or tax benefits a decision in using recycled materials?
7. How much recycled feedstock material comes from San Benito, Monterey, San Luis Obispo, and Santa Cruz counties?
8. Do you produce waste from your recycled material?
9. Where does most of your recycled material come from?
 - Curbside
 - Manufactured recycled material
 - Processed
10. Do you recycle the waste?
11. Do you plan to expand or abandon the use of recycled feedstock material within the next 5 years?

During the interview process, we provided information regarding the CCRMDZ program and encouraged manufacturers to explore future usage of recycled feedstock and post-consumer materials into their product specifications.

PROFILE OF COMPANIES CONTACTED IN SAN BENITO COUNTY

The following presents a profile of each of the companies contacted as part of this survey. In some cases, no representative from the company called back, and thus the information presented is preliminary and to be confirmed in the future.

Pacific Scientific Company

3601 Union Rd., Hollister

Phone Number: 831-637-3731 Contact: Michael Candess

Pacific Scientific Company in Hollister, California is a private company categorized under Explosives Manufacturers.

Pacific Scientific Energetic Materials Company designs, develops, and produces ordnance, electronics and laser components and systems for the aerospace, defense, and commercial industries. Company product lines include Fire Suppression, Cartridges, Detonators, Egress Systems, Shaped Charges, Active Protection Systems, Flight Termination Systems, Gas Generators, Initiators, Destruct Systems, Safe-Arm Devices, Bolt Cutters, and Start Cartridges. The company is one of the larger employers in San Benito County based on headcount.

Because of the nature of their business, the company representative interviewed sees no recycled feedstock applications. All of their feedstock (unassembled materials, parts and equipment) consist of government specified parts and materials that require high-quality with high reliability and redundancy. Because of the nature of their business (explosive manufacturer), the interviewed representative was limited in discussing many aspects of their manufacturing process and especially about materials.

Quantic Industries, Inc.
3601 Union Rd., Hollister
Phone Number: 831-637-5851 Contact: Sales Department

Quantic Industries, Inc in Hollister, California is a private company categorized under Explosives Manufacturers Space Components and Systems Manufacturers

The company services the aerospace industry and has produced more than 50 million pyrotechnic initiation and electronic devices. Quantic Industries manufactures explosive devices & cartridges; aerospace ordnance devices; provides explosive testing services for propellants, explosive materials, igniters, explosives, pyrotechnics, propellant explosives, explosive charges, plastic explosives, aluminized explosives, and ammonium nitrate explosives.

No company representative returned our phone calls. The company business address is the same as the previous interviewee. All of feedstock is assumed to consist of government specification parts and materials that require high-quality with high reliability and redundancy. Because of the nature of their business (explosive manufacturer), we would expect a similar response to our interview questions as the previous company.

Milgard Manufacturing, Inc.
2451 Bert Dr., Hollister
Phone Number: 831-636-3731 Contact: Paul Lean

Milgard Manufacturing Inc. in Hollister, California is a private company categorized under Metal Doors Sash Frames and Trim Manufacturers.

Milgard manufactures glass and fiberglass windows and uses aluminum and fiberglass as frame products. Milgard is a vertically integrated window and patio door manufacturer that makes its own insulated glass units, and vinyl components and fiberglass frames. They extrude their own frame material, and fabricate all vinyl windows and doors.

A company representative returned our phone call and mentioned that there was limited opportunity to use post-consumer feedstock in their products. We believe that there may be future recycled feedstock opportunities for this company since they are involved with

vinyl extrusion processing. Further investigation into this industry seems to indicate that they are focused on other industry sustainable practices (energy and waste reduction) rather than integrating potential reuse of post-consumer feedstock materials into their products.

All-Rite Custom Manufacturing

1500 Shelton Dr., Hollister

Phone Number: 800-642-9988 Contact: Mike Caesar

Associated RV Enterprises, Inc. was established in 1974 to bring together a variety of business entities related to the Recreational Vehicle Industry. The primary focus of Associated RV was the retail supply and repair of recreational vehicles, with All-Rite Aluminum existing primarily to supply aluminum siding to its parent companies. In 1980, the company began supplying aluminum siding to the entire RV repair industry. In 1986, Associated RV, now doing business solely as All-Rite, moved into the new corporate headquarters in Hollister, California and began specializing in custom products built in just 24 - 48 hours. The headquarters in Hollister includes over 27,200 square feet of manufacturing plant. Products include:

- Limousine windows
- Limousine body panels
- Single piece curved windows up to 203-inches
- Custom sheet metal work including:
 - Jet coat panels
 - Stainless steel
 - Chrome
 - Aluminum
 - Custom, precise bends up to 20'
 - Concession windows and doors

We had a successful interview with the company representative who was open and active in discussing their manufacturing process and product development. The representative mentioned that they have a limited need of post-consumer feedstock since their feedstock generally consists of raw metals (aluminum and steel), and specialty glass in their manufacturing process. The representative however, was very interested in future contact and meeting with CCRMDZ representatives to assist them in increasing recycling of their waste residual products. Such meetings may result in new understanding of incorporating post-consumer feedstock into their manufacturing processes.

RF Coax, Inc.
1725 San Felipe Rd., Hollister
Phone Number: 831-635-0820 Contact: David, Sales Department

R F Coax Inc in Hollister, California is a private company categorized under Coaxial Cable, Nonferrous. Our records show it was established in 2001 and incorporated in California

RF Coax makes custom order coaxial cable which is an electrical cable with an inner conductor surrounded by a flexible, tubular insulating layer, surrounded by a tubular conducting shield. The term coaxial comes from the inner conductor and the outer shield sharing the same geometric axis. Coaxial cable is used as transmission line for radio frequency signals, in applications such as connecting radio transmitters and receivers connected to their antennas, computer network connections, and distributing cable television signals.

We interviewed a representative from the company and discussed their feedstock needs and manufacturing processes. Their primary feedstock materials consist of raw copper and other alloy wires, vinyl and other materials cable coverings, and aluminum and other metal machined parts. The company is an assembler of these feedstock components which consist of specification parts and materials that require high-quality with high reliability and redundancy. Because of the nature of their business (cable manufacturer), there may be limited post-consumer feedstock applications in their industry.

International Horticulture Technologies

2410 Airline Highway, Hollister

Phone Number: 831-637-1800 Contact: Gary Hartman - Owner

International Horticultural in Hollister, California is a private company categorized under Agricultural Laboratories.

We had a successful interview with the company owner, Mr. Hartman, who discussed their business and product development. This company produces quick start growing systems and growing plugs containing argrifillic media for seedlings, in addition to manufacturing plastic trays and containers for the plugs. Manufacturing of trays is conducted off-site at a third party injection molding company. The company specifies to the manufacturer the design and appearance of the trays - International Horticultural does no on-site manufacture of plastic products. Trays include vacuum formed PET generally used one time (4 mil thickness) and polystyrene EPS ridge plastic trays (8+ mil thickness) which are made extra strong and can be used over and over for many years. According to Mr. Hartman, EDS trays have been re-used at a rate of 5 times per unit until a new tray is needed for replacement. The company prepares several million trays with soil plugs per year and sells product world-wide. Mr. Hartman noted that the EDS trays have some post-consumer recycled content typically around 30%. Mr. Hartman estimated the company's annual use of recycled feedstock as follows:

- Tree bark: 300-350 tons per year (tpy)
- Coconut fiber: 150 tpy
- Peat Moss: 300 tpy
- Compost: ~200 tons
- Total: 1,000 tpy

None of these recycled feedstock materials are purchased within the CCRMDZ. Mr. Hart noted that he was not able to use MSW origin compost due to the inconsistent and variable quality of the material. Mr. Hartman mentioned that commercial growing houses can only use compost of the highest quality and consistency. These materials are obtained outside the CCRMDZ area.

The company also makes botanical cladding for roofs and walls. This material is made out of coconut fibers for protection sandwiched between soil materials that stimulate growth for any plant. Their botanical cladding is LEED compliant.

There appears to be opportunities for this business to possibly use more recycled content in their EDS/PET tray systems and move to 100% post-consumer product. Tracking of the volume by weight of trays would be important information for scaling up to 100% post-consumer plastic feedstock. There appears to be no need for recycled firm plastics at the company because they do not grow plants – they provide the growing medium.

The Owner is open to discussions with CCRMDZ representatives to explore enhancements for use of recycled materials in their business.

Natural Selection Foods/Earthbound Farms

1721 San Juan Highway, San Juan Bautista

Phone Number: 831-623-2767: Phone Contact: Chas – Sustainability Coordinator

Earthbound Farms, Inc in San Juan Bautista, California is a private company categorized under Vegetables and Melons.

Earthbound Farms is the nation's largest grower of organic produce. The company produces organic vegetables and fruit, and makes and packages cookies, and juice. The company is one of the first nationwide to switch from virgin plastic to 100% post-consumer recycled (PCR) polyethylene terephthalate (PET) plastic for all its clamshell packages. Many food and nonfood containers are made from PET because it's light, shatter-resistant, safe, and recyclable. While virgin PET is made primarily from natural gas, post-consumer recycled PET is made from plastic products, like soda or water bottles that were previously used and then recycled. PCR PET requires significantly less energy and water to produce, generates far fewer greenhouse gases than virgin plastic, and diverts reusable materials out of the waste stream. At its annual usage, compared to using virgin plastic, the use of PCR PET has:

- Saved 460,604 million BTUs (MMBTUs) of energy (about as much as 5,062 average homes use in a year)
- Avoided 18,370 tons of carbon dioxide emissions (about as much CO₂ as 3,336 cars emit in a year)
- Saved 74,165 gallons of water
- Kept 1,420,846 pounds (710 tons) of solid waste out of the landfill.

Earthbound Farm shipping cartons are made from 99% post-consumer/1% post-industrial recycled corrugate. With the amount of corrugate used every year in shipping cartons, compared to the 50% recycled corrugate used before, annually this has saved:

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- 65,571 million BTUs (MMBTUs) of energy (721 average homes use in a year)
- 65,442,590 gallons of water (enough to fill about 99 Olympic swimming pools)
- 165,409 trees
- 21,109,321 pounds of carbon dioxide emissions (as much CO2 as 1,917 cars emit in a year)
- 9,582,542 pounds (4,791 tons) of solid waste.

Earthbound Farms converted to 100% PCR office paper for all their copiers, printers, and plain-paper office uses. During a typical year, Earthbound Farms uses just over 800 cases of copier/printer paper. Production of PCR paper uses far fewer resources than virgin paper production.

True Leaf Farms/Church Bros.

275 San Justo Rd

San Juan Bautista, Ca 95045

Phone Number: 800-799-9475 Contact: Sales Department for the Plant Manager

True Leaf Farms, LLC in Salinas, California is a private company categorized under Fruits and Vegetables-Growers and Shippers.

True Leaf Farms is the processing subsidiary of Church Brothers, LLP which grows, packs, and ships a wide variety of fresh produce items that are in season from the following California and Arizona growing regions:

- Salinas- Watsonville shipping district
- Santa Maria- Guadalupe district
- West side of the San Joaquin Valley
- Imperial Valley
- Yuma and the western Arizona district

A company representative said that the True Leaf Processing Plant operates seasonally in San Juan Bautista, California. All of their field waste (organics) is recycled (including film plastics). Once their product reaches refrigeration, product packaging has evolved

away from white cartons to dry Kraft cartons that are made from at least 30% recycled paper. They have reduced the size and structure of their packaging to avoid over-packaging and to eliminate excessive use of plastics; however, the interviewee could not discuss how much excess packaging was eliminated by weight without further study and analyses. They receive all their feedstock pre-manufactured which they then fill with their product. We believe that opportunities exist within this company to incorporate more recycled products into their product packaging.

Corbin Pacific, Inc.
2360 Technology Pkwy. Hollister
Phone Number: 831-634-1100 Contact: Mike Corbin

Corbin Pacific, Inc in Hollister, California is a private company categorized under Saddles and Seat Posts, Motorcycle and Bicycle. Records show it was established in 1981 and incorporated in California. Current estimates show this company has annual revenue of \$50 to 100 million and employs a staff of approximately 100 to 249.

Corbin Pacific makes heated dual saddle seats as original-equipment and also produces aftermarket seats to fit motorcycles from a wide range of manufacturers from A (Aprilia) to Y (Yamaha) -- including BMW, Harley-Davidson, Kawasaki, and Triumph. Other Corbin products include seats for scooters and all terrain vehicles as well as motorcycle accessories which help screen riders from the wind. The company has also branched out into custom furniture making; it offers small couches and recliners fashioned after such hot rods as a Dodge Viper, a '57 Chevy, a '57 Corvette, and an Indian motorcycle.

We interviewed the company owner who told us that Corbin Pacific principally manufactures custom seats which uses basic raw materials for leather goods, metal, filler and wood products. Motorcycle seats are made up of three essential parts: the baseplate (machined metal), polyurethane foam (a highly proprietary process) as filler for support, and the cover (sometimes these are also referred to as the pan, the cushion and the top).

The company owner did not know, at this time, of any recycled feedstock applications in their assembly process. Some of their manufacturing consists of assembly of pre-made parts and materials while the seat molds and covers are custom made. Since the company also makes furniture, there could be some application for recycled wood products. Since this is one of the larger manufacturers in San Benito County, we recommend future follow-up with this company to explore the use of recycled feedstock items.

Lifesparc, Inc.

2751 San Juan Rd, Hollister

Phone Number: 831-634-4888 Contact: Sales Department

Lifesparc, Inc in Hollister, California is a private company categorized under Automobile Parts and Supplies-Manufacturers

Lifesparc, Inc. manufactures pyrotechnic devices for the automotive safety restraint industry. The company's products include initiators and micro-gas generators for use in airbag inflators, seatbelt pretensioners, and various safety systems. It serves customers in North America. The company was founded in 2002 and operates as a subsidiary of Nippon Kayaku Co., Ltd.

The company representative interviewed sees no recycled feedstock applications at this time. All of their unassembled materials, parts and equipment (feedstock) consist of government specified parts and materials that requires high-quality with high reliability and redundancy. Because of the focused automobile parts/explosive nature of their business, the representative was limited in discussing many aspects of their manufacturing process and especially about materials, due to the proprietary nature of their business.

Herbert Ranch (Herbert Organic Farm)

1941 Fallon Road, Hollister, CA 95023

Phone Number: 831-637-9571 Contact: Patty Herbert

Herbert Family Organic Farm in Hollister, California is a private company categorized under Livestock Producers. Current estimates show this company to have a staff of approximately 1 to 4.

The Herbert Family has been farming in Hollister since 1868. After many years of conventional farming, the farm moved towards becoming completely organic in 1989. As one of the first practitioners of using recycled organic materials for compost, proper composting continues to be the major foundation of the Herbert Family Organic Farm operation. Compost along with proper soil management is responsible for the high quality produce supplied by the farm. The farm became fully CCOF certified in 1997.

In addition to making its own compost from raw green waste feedstock, Herbert Ranch also sells organic compost products to the public both as loose and bagged materials. Based on an interview with the company owner, the exact numbers of tons sold annually is confidential.

West Coast Rubber Recycling, Inc.
1501 Lana Way, Hollister
Phone Number: 831-634-2800 Contact: Cameron Wright

West Coast Rubber Recycling, Inc. in Hollister, California is a private company categorized under Recycling, Waste Materials. In 1999, Gary's Tire Disposal started collecting tires from various tire dealers in the Greater Bay Area. In August of 2001 the Company name changed to West Coast Rubber Recycling (WCRR) and expanded tire collection and sales territory. WCRR remanufactures scrap tires into the following markets and applications:

Crumb Rubber:

Playground Covering and Horse Arena Footing
High Traffic Areas at Golf Courses
Injection and Pressure Molding Rubber Products

Tire Buffings:

Playground Pour-in-Place Applications
Press Molding Products

Civil Engineering Applications:

Scrap Tire Aggregate for Civil Engineering Applications

WCRR is permitted to properly handle your scrap tire needs using California Waste Tire Haulers permit number CIWMB #1004937-02. All tires collected are either disposed of or recycled in an appropriate manner at one of their two facilities located in Santa Clara County. Their recycling center is located in Hollister and consists of 16,000 feet of recycling space, where all tires that are able to be recycled are shredded or buffed into useable products. The shredding operation is able to handle tires as large as 20.5-25 and can be moved to handle tire cleanups as needed.

In 2010, WCRR processed over 1.2 million used tires principally turning them into useable crumb rubber products. The volumetric ratio of passenger to truck tires is approximately 30/70. Processed tires are used to rebuild roads, foot traffic pathways, and as footing for horse arenas and surfacing for playgrounds. The company also separates scrap metal from the tires and recycles it as well. This operation is done in a facility licensed by the State of California. (California Waste Tire Haulers permit number CIWMB #1004937-02). WCRR also conducts a significant amount of research towards developing new and effective approaches for tire recycling, and develops new uses and markets for recycled rubber.

The company representative said that they receive and reuse approximately 21,000 tons per year of scarp tires as recycled feedstock at their processing facility. Of this amount, approximately 15% or 3,225 tons of tire feedstock is collected within the four County CCRMDZ area. The interviewee said that they believe that they are capturing most of the used tires in the CCRMDZ area.

SUMMARY PROFILES OF COMPANIES CONTACTED FOR THE RECYCLED FEEDSTOCK SURVEY

The table below summarizes each manufacturing company that was contacted for this survey.

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| Business Name | Address and Phone Number | Contact Person | SIC code & Type of Industry | Type of Recycled Feedstock | Recycled Feedstock Used (Tons) | Comments |
|--|---|-----------------------|---|--|--|--|
| Pacific Scientific Company | 3601 Union Rd., Hollister; 831-637-3731 | Michael Candess | Guided Missile Space Vehicle Parts and Auxiliary Equipment, NEC; SIC 3769 | Pre-manufactured parts assembled on-site. | 0 | Company representative sees no recycled feedstock applications. Government specification requires high-quality specific parts with high reliability and redundancy. |
| Quantic Industries | 3601 Union Rd., Hollister; 831-637-5851 | Sales | Guided Missile Space Vehicle Parts and Auxiliary Equipment, NEC; SIC 3769 | Pre-manufactured parts assembled on-site. | 0 | Phone calls not returned. Business make-up very similar to Pacific Scientific Company. |
| Milgard Manufacturing Inc. | 2451 Bert Dr., Hollister; 831-636-0114 | Paul Lean | Metal doors, Sash Frames and Trim Manufacturer. SIC 3342 | Assembles aluminum, fiberglass and glass into finished components. | 0 | Company excludes its own frame materials for assembly. |
| All-Rite Custom Manufacturing | 1500 Shelton Dr., Hollister; 800-642-9988 | Mike Caesar | Recreational Vehicles Parts Manufacturer; SIC 5561 | Assembles custom made glass, aluminum and sheet metal parts and | 0 | Custom made windows and sheet metal side panels. Does not use recycled feed stock materials. |
| R.F. Coax | 1725 San Felipe Rd., Hollister; 831-635-0820 | Sales, David | Coaxial Cable Manufacturer; SIC 3357 | Assembles custom electrical cable for a variety of industrials | 0 | Assembles spec wire and cable materials; all feed stock materials are new. |
| International Horticulture | 2410 Airline HY., Hollister; 831-637-1800 | Gary Hartman | Horticulture Specialty; SIC 0180 | Produces argillilic growing media and manufacturers plastic trays and containers for plugs. | 1,000 tons; 0 tons generated within CCRMDZ. | Extrudes and assembles EPS plastic trays and containers. |
| Natural Selection Foods/Earthbound Farms | 1721 San Juan Highway, San Juan Bautista (831) 623-2767 | Chas Smith | Grower; SIC 0149 | Buys post-consumer PET and makes PET clam shell containers for its organic lettuce products. | Company representative said tonnage of PCR PET is proprietary. | They mentioned that they are the largest buyers of PCR PET in California. Earthbound's compost is certified organic and oftentimes includes by-products that would otherwise go to waste, including cotton-plant parts and pelletized feather meal and chicken manure (Earthbound uses no fresh manure, because it can harbor harmful bacteria). |

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| Business Name | Address and Phone Number | Contact Person | SIC code & Type of Industry & | Type of Feedstock | Tons Diverted | Comments |
|-----------------|--------------------------------------|----------------|--|-----------------------|---------------|--|
| True Leaf Farms | 275 San Justo Rd., San Juan Bautista | Sales | Fruits and Vegetables-Growers and Shippers; SIC 5148 | Agricultural, plastic | unknown | Company representative mentioned that all film plastics and field plastics are recycled. |

| | | | | | | |
|--|---|----------------|--|---|---|--|
| True Leaf Farms | 275 San Justo Rd., San Juan Bautista | Sales | Fruits and Vegetables-Growers and Shippers; SIC 5148 | Agricultural, plastic | unknown | Company representative mentioned that all film plastics and field plastics are recycled. |
| Corbin Pacific, Inc. 2360 Technology Pkwy. | Hollister, CA 95023 CA Tel. 831-634-1100 | Michael Corbin | Motor Vehicle Parts and Accessories Industry; SIC 3714 | Makes custom seats and parts for motorcycles; also makes custom furniture couches fashioned after hot rods. | 0 | Company uses a foam product (Comfort foam) in its seats. Representative mentioned that Company uses only highest quality products (foam, leather) does not see using recycled products at this time. |
| Lifesparc Inc. | 2751 San Juan Rd., Hollister | Sales | Auto parts and Supplies; SIC 5013 | Pre-manufactured parts assembled on-site. | 0 | Company part of a global manufacturer. Representative sees no recycled feedstock applications. Government specification requires high-quality specific parts with high reliability and redundancy. |
| Herbert Ranch | 1941 Fallon Road, Hollister, CA 95023 831-637-9571 | Patty Herbert | Composting Manufacturing: SIC 2875 | Makes its own compost from raw green waste feedstock. Herbert Ranch also sells organic compost products to the public both as loose and bagged materials. | Company representative said tonnage of material is proprietary. | Company converts green waste feedstock into commercial compost both as loose and bagged material. |
| West Coast Rubber Recycling, Inc. | 1501 Lana Way, Hollister 831-634-2800 | Cameron Wright | Tire Recycling: SIC 7534 | Company uses used tires to produce rubber crumb aggregate for play grounds, high traffic areas and civil engineering applications. | 21,000 tons in 2010; 3,225 tons generated within CCRMDZ | Company uses used tire feedstock and converts into crumb rubber and other rubber molded products. |

IDENTIFY CURRENT MATERIAL GENERATOR FLOW PATHWAYS OF RECYCLED FEEDSTOCK WITHIN SAN BENITO COUNTY (PHASE 1) TO DETERMINE WHERE MATERIALS ARE MOVING FROM AND TO.

Based on this survey, the majority of recycled feedstock used by manufacturing and agricultural companies in San Benito County is principally generated outside the CCRMDZ area. Approximately 22,000 tons of recycled feedstock was used by San Benito County companies. Of this amount, approximately 3,225 tons were generated within San Benito County, all from one generator (West Coast Rubber Recycling). Significant volumes of recycled PET containers are used by one company (Natural Selection Foods/Earthbound Farms), but the company representative declined to provide specifics citing propriety company information. A minor amount of green waste feedstock is being composted for resale.

IDENTIFY RECYCLING/REUSE OPTIONS IN SAN BENITO COUNTY (PHASE 1) FOR RECYCLED FEEDSTOCK MATERIALS.

This section discusses the present recycled feedstock conditions within San Benito County (Phase 1) and presents findings regarding recovery and reuse of harder to recycle materials by area industries. When applicable, we also recommended how certain materials may be made more readily available to end users.

- Total manufacturing activities in San Benito County employs approximately 3,050 agricultural workers, 2,200 durable and 2,800 non-durable employees based on current San Benito County Chamber of Commerce economic development data.
- Based on SIC codes, principal manufacturing companies in San Benito County include growers, shippers, and horticultural specialty; motor vehicle parts and accessories; explosive and auxiliary parts; metal doors, frames and trim; tire recycling and composting.
- A majority of the manufacturing companies interviewed involve assembly of pre-made parts and items, many of which are prepared under strict specifications. Therefore, the potential use of recycled feedstock into their manufacturing process is either limited or non-feasible at this time.
- The use of raw feedstock of any material type for manufacturing in San Benito County is limited to plastics, organic materials, and tires. We identified 22,000 tons annually of recycled feedstock reuse.

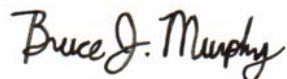
Phase I, San Benito County, Survey of Current and Potential Feedstock and Recycled Content Usage within the Central Coast Recycling Market Development Zone

- Plastic materials, especially PET that are derived of 100% post- consumer recycled content, are being used more than in the past. Other companies that do not use 100% post-consumer plastics say they use up to 30% recycled content on a regular basis. Film plastic used principally in agricultural situations is being recycled by most companies assisted by the incentive of higher commodity pricing for petroleum related products.
- We located no companies of any significant size in San Benito County that uses C&D materials as recycled feedstock for reuse. Recycled C&D materials delivered to the John Smith Landfill in San Benito County were not considered in this survey.
- Organic waste is composted in San Benito County at one small specialty, organic certified facility. Organic materials generated in San Benito County from residential and commercial sources are transported to facilities outside the CCRMDZ and were not part of this survey.

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IntelliWaste appreciates the opportunity to assist the CCRMDZ with this important survey project. If you have any questions, please feel free to contact me at 415-898-6121, or by email at intelliwaste@yahoo.com.

Very truly yours,
IntelliWaste, Inc.



Bruce J. Murphy
Managing Principal