



A1 Organics Company Profile



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BACKGROUND

From composting sheep manure to composting all types of agricultural feedstock's, brewery waste, yard waste, tree trimmings, scrap wood, pallets, food waste, waxed cardboard, and biosolids, A1 Organics has become the industry leader in organic recycling for the Rocky Mountain region.

A1 Organics has been in the organic recycling and commercial composting business for nearly four decades. Composting and organic recycling is our only business. We do not operate farms, dairies, or even landfills, where organic materials are frequently viewed as a "waste product", something of little or no value that needs to be disposed of. No, our business is organic recycling and composting, ultimately producing a high-quality product that is beneficial to the environment.

A1 Organics had its origins in family farming and a commercial lamb feeding operation. An innovative company, A1 is continually searching for new and innovative ways of recycling organic materials. This was true in the early 70's when A1 started using composting as an effective method for managing feedlot waste. Compost has proved to be an excellent soil amendment that works equally well on agricultural land and urban landscaping. Composting simply makes good economical and environmental sense.

A1 is the largest organic recycler and producer of quality composts in the Rocky Mountain region. The company has evolved from one location to four major sites along the Front Range of Colorado, as well as a recycling facility near Phoenix, AZ. Annually, A1 currently produces in excess of 400,000 cubic yards of high quality compost, mulch and soil amendments per year.



Management Structure

A1 Organics maintains a very flexible management style. It is nationally recognized for its successful partnerships with a variety of government entities and private companies.

The following management team is involved in the operation of all A1 Service Sites. Descriptions of specific responsibilities for the management team and support team are provided in Appendix A.

Chuck Wilson	Owner, President, CEO
Bob Yost	Vice President/Chief Technical Officer
Kent Pendley	Chief Operations Officer
Travis Bahnsen	Chief Financial Officer

A1 Organics

*Environmental Solutions
Economic Sense*

"Colorado has been home to my family for five generations. A1 Organics is more than a business to us. It is a way our family can carry on its heritage. We work very hard and take great pride in our ability to provide products and services that help ensure the quality of life here today and for future generations of my family and yours."

...Chuck Wilson

The Wilson family, who founded A1 Organics, have been Weld County residents since the late 1800's.

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SERVICES

For over 30 years, A1 Organics has focused on services related to organic residual reduction and organic recycling services. Additionally, A1 Organics provides services related to organic recycling on a one time or long-term basis, which includes

- Composting
- Custom Composting
- Custom Compost Mixes
- Grinding and Custom Services
- Wood Processing & Procurement
- Recycled Mulch Production
- Pilot Studies
- Custom Marketing
- Waste Auditing

A brief description of these areas follows.

Composting

During the summer months in particular, yard waste and other organic waste can consume from 40% to 60% of the available landfill space. With landfill space diminishing and new landfills becoming harder and harder to permit, alternatives become much more important. Composting is one such alternative that works to keep organic waste out of the landfill while providing a useful alternative. It is the ultimate sustainability option or program.

Any non-hazardous, non-toxic organic product can, in most cases, be composted. A1 Organics has extensive experience composting the following materials:

- Biosolids
- Brewers Waste
- Dairy & Feedlot Manure
- Food Waste
- Garden Waste
- Grass
- Hog Manure
- Horse Manure
- Animal Mortalities
- Leaves
- Packing Plant By-Products
- Shrubs
- Sod
- Tree Trimmings
- Turkey Manure
- Cardboard and Paper Products
- Zoo Manure

Custom Composting

A1 Organics also provided custom composting operations for a host of governmental agencies and corporate clients.



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Custom Compost Mixes



Different composts have different attributes. While all composts are beneficial to plant growth, not all composts have the same characteristics. Given the variety of different raw organic materials, A1 Organics can custom blend compost to meet the customer's specific needs. A1 Organics will work with nurseries, landscape architects, and landscapers to come up with a blend of compost that meets their specific needs.

One example is A1 Organics ProGro, a specialty product developed specifically for top dressing golf courses, athletic fields, parks, etc. With its fine texture, particle size, and ease of application, ProGro provides the organics, micronutrients and microorganisms necessary to promote soil health.

Grinding, Custom Services, and Wood Procurement

A1 Organics offers commercial grinding and waste reduction services to its clients. A1 owns two wood grinders that are mobile and can be taken to individual client sites. These grinders include a 13' 1000 HP tub grinder and a Kombi horizontal grinder. Depending on the size of material being ground, these units can grind between 400 to 800 cubic yards per hour or more. Grinding normally results in volume reductions of 40% to 80%.



Volumes of raw organic materials can be ground quickly, making the operations very cost competitive. The reduction of volume translates into reduced transportation costs. Finally, the ground material can either be used as mulch or it can be composted.

A1 has several collection sites and contracts that assist in procurement and processing of high volumes of wood waste.

A1 also produces several types of recycled mulches (2nd Chance®). A1 Organics 2nd Chance® mulches offer a high quality alternative to natural mulches which can be expensive and, at times, hard to source.



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Pilot Studies

A1 Organics offers consulting services that include operation, management, and reporting on pilot composting studies involving many forms of non-hazardous organic material.

Corporate, industrial, and municipal clients utilize pilot studies prior to making major economic commitments to recycling their organic wastes. A1 Organics provides fully permitted sites and expertise that provide customers a comprehensive and risk free way to explore the challenges that specific organic materials may present, and comprehensive analysis of costs and benefits without the expense and hassle of setting up or permitting a site.

Custom Marketing

A1 Organics has spent the past thirty years developing markets for its products, and has established and maintained a solid reputation for service and quality. This has provided an avenue that has allowed them to work with both municipal and private enterprises in marketing their products.

A1 grinds and composts the green waste from the City of Loveland. This compost is marketed through various landscaping suppliers, grocery stores, and hardware stores in Loveland. A1 also provides services for the City of Longmont, Jefferson County, and many others in Colorado, as well as Cheyenne, Wyoming.

FACILITIES

A1 Organics operates multiple sites along the Front Range. The depth of our operations provides us with flexibility to handle a variety of raw organic products. It also gives us the ability to transfer material to an alternative site should any unexpected incident occur.

Corporate Headquarters (Eaton, CO) Weld County USR #930



Located on 160 acres of ground owned by A1 Organics since the company's inception. This location is corporate headquarters for the company. The new corporate offices provide accounting, administrative, technical support, and a complete maintenance facility.

This facility is fully permitted in accordance with CDPHE regulations pertaining to Solid Waste Sites and Facilities, 6CCR1007-2, Section 14, entitled: "Solid Waste Composting", effective December 30, 2008 as a Class III composting facility.

Feedstock's processed at Eaton include green waste, animal manures, clean wood waste and yard waste.

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Rattler Ridge (Keenesburg, CO) EPA Permit No. COG-650137, BMP #1455



Rattler Ridge is the newest A1 Organic recycling and composting facility. Located near the town of Keenesburg on 430 acres, permitting for this facility was completed in November 2000.

This facility is fully permitted in accordance with CDPHE regulations pertaining to Solid Waste Sites and Facilities, 6CCR1007-2, Section 14, entitled: "Solid Waste Composting", effective December 30, 2008 as a Class I composting facility. The facility is permitted to receive all types of organic materials including food waste for composting.

Monaco Organic Recycling Facility (Commerce City, CO)



Opened in 2015, this facility acts as a receiving/transfer site and sales distribution site. Colored mulches and topsoils are produced at this facility.

Located in Commerce City on Monaco Street just off I-76, it is conveniently located to receive large volumes of wood and other materials destined for recycling.

A1 Organics Arizona Organic Recycling Facility (Buckeye, AZ)



A1 Organics Arizona opened in April, 2014.

The site receives wood, greenwaste, and other organic materials. These materials are processed into certified compost, surface mulch, and special soil blends for home and commercial uses.

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AWARDS

US Composting Council “Composter of the Year”

A1 Organics was presented the award for "2007 Composter of the Year." This prestigious honor in the composting industry is awarded to the participating USCC composter who has shown consistent commitment and practices for the previous year.



A1 Organics is currently the only composting facility in the State of Colorado who participates in the US Composting Council's STA program. This program monitors and certifies compost products through diligent practices and consistent testing methods to assure quality end products

Environmental Leadership Program – Gold Leader

The Colorado Department of Public Health and Environment's Environmental Leadership Program recognizes and awards Colorado companies that go beyond the requirements of environmental regulations and move toward the goal of sustainability. A1 Organics achieved the Gold Leader Award in 2015.



Coors Gold Supplier Award

Coors Gold Supplier Awards are given out each year to those companies who achieve the highest rating granted to suppliers by Coors in a combination of quality criteria and service points earned during the year. This award is a tribute to A1's resolution to providing the best possible experience for customers and consumers, while providing the highest finished products available to the communities of Colorado.



Ameresco (NREL) Project Award

A groundbreaking ceremony for the new NREL (National Renewable Energy Laboratory) Research Support Facility took place in October 2007. Along with that was an announcement of two major renewable power projects at the Department's National Renewable Energy Lab. This plant will use an Energy Savings Performance Contract with a third party provider, Ameresco Energy Services Co. In partnership with Ameresco, A1 Organics signed a contract to provide all the biomass fuel for the heating plant.

Colorado Association for Recycling (CAFR) Lifetime Achievement Award - Chuck Wilson CEO

Award given to an individual whose actions have significantly furthered recycling and reduced solid waste in Colorado and our region during their lifetime.

INDUSTRY PROJECTS

Closed Loop Sustainability Program (CLSP)

A1 Organics is proactive in its approach to sustainability and organic recycling, thus making it possible for closed loop sustainability programs to become reality. "Organic recycling combined with sustainability for the future" just makes sense. Our Closed Loop Sustainability Program insures that the organic debris coming from new home construction is recycled.

Compost Classification System

In 2002, A1 Organics developed a classification system for compost – one which takes into account a number of different parameters and requirements which must be met. By utilizing a compost classification system and standardizing the industry, everyone benefits in the process. This system was adopted by the Rocky Mountain Organics Council and is now becoming a standard method for identifying appropriate compost amendments in project specifications.

Performance Valuation Index System (PVIS)

A1 developed the Performance Valuation Index System (PVIS) in 2007. This program is a tool to effectively choose and specify compost products. Compost and composting knowledge and science has evolved far beyond the "behind the barn – well aged manure" status that is often used in current specification and purchasing decisions. Utilizing the definable value matrix in PVIS is a useful tool in choosing and specifying products needed to engineer the soil on a given project to meet the architect's specific goals and objectives.

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Appendix I Management & Support Teams

The following Executive Management Team is involved in operations for all A1 services. Each of these individuals is shown with their major area of responsibility. In the event that a problem requires immediate attention, any one of these individuals is authorized to solve problems.

CHUCK WILSON

President/CEO

- ✓ General Management
- ✓ Administration
- ✓ Financial Management

BOB YOST

Vice President, Chief Technical Officer

- ✓ Contract Administration
- ✓ Environmental Compliance
- ✓ Project Management

KENT PENDLEY

Chief Operating Officer

- ✓ Production
- ✓ Maintenance and Operations

TRAVIS BAHNSEN

Chief Financial Officer

- ✓ Financial Management
- ✓ Accounting
- ✓ Human Resources

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Appendix I Management & Support Teams

Scott Pexton

Outside Sales

- Food Waste Management
- Organic Procurement Sales

Andy Roth

Product Sales, Customer Sales Rep

- Sales/Customer Service – Product Sales
- Marketing

Judy Kidd

Executive Assistant

- Administration
- Exec Management Assistance

Jennifer Hill

Accounts Receivable

- Accounts Receivable
- Front Office Reception/Customer Service
- Administrative Support

Colleen Shepherd

Accounts Payable

- Accounts Payable
- Front Office Reception/Customer Service

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Appendix II Equipment Resources

A1 Organics owns and operates a wide variety of equipment necessary for high volume, effective composting including:

- 10 front-end loaders ranging from 3 to 8 cubic yard capacity.
- 3 screening plants – a Bachus Star Screener and an 8' x 30' dual split screen trommel plant with corresponding Hurrikane Wind Shifter Unit, Powerscreen Warriar Screen Plant, Dobstadt Trommel.
- 2 straddle type windrow turners designed for multiple site operation and can be transported legally without special permits. Tunnel size: 9' X 18'.
- 2 Mobile wood grinders, including a 1000 HP 13' tub grinder and a Kombi horizontal grinder.
- Rolling stock including several semi trucks, water trucks, yard tractors, lowboy trailers, walking floor trailers, belt floor trailers, tanker trailer, road grader, compost spreader truck, service trucks, food waste trucks, and various sales and marketing vehicles.
- 2 ea Sahara mulch coloring machines used to convert bark mulch and wood fiber into a variety of colored mulch products.
- In addition to custom and standard collection vehicles for food waste, wood products and soil/compost products, A1 also utilizes standard open top roll-off containers and licensed haulers to service customer agreements. Wood materials are ground utilizing a 1,000 HP Morbark 1300B grinder.

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Appendix III Project Experience

City of Loveland

In 1992 the City of Loveland approached A1 regarding development of a program that would divert residential and eventually commercial yard waste from landfill disposal due to diminishing capacity of local landfills and problems associated with new landfill construction. A1 and the City of Loveland worked together to develop, implement, and operate a plan that has been in place since 1992. Currently material is collected and processed at a local transfer site and then transported to A1's Highway 66 facility.

City of Cheyenne, Wyoming

Design public private operation for landfill diversion of yard waste, manure waste, and wood waste, negotiate contractual agreement, implement and operate facility, market all materials produced.

City of Boulder

Successfully submit RFP for composting of biosolids. Negotiate contractual agreement and successfully process and market all of materials produced from Boulder biosolids. Negotiate and participate with local waste hauler in collection, diversion, and composting or residential green waste.

Coors Brewing Company

Negotiate and implement agreement to receive, process and market organic waste streams produced by Coors. Materials processed include biosolids, processed sludge, waste woods, filter pads, waste grain, and paper pulp. Successfully market 100% of materials produced from Coors waste stream.

Denver Water

Negotiate and implement contractual agreement to receive and process alum sludge produced at various water treatment facilities. Also receive and process lake bottom alum sludge and stockpiled dewatered sludge from several facilities. Successfully market all of material received.

Denver Zoo

Negotiate and implement agreement to receive and compost zoo waste. Design and implement initial marketing agreement to sell unique product produced under *Zoop* label through gift shops and specialty outlets. Also market bulk material through topsoil blends. Successfully market 100% of material produced.

City of Longmont WWTP

Provide alternative Biosolids composting services as part of overall Biosolids management plan. Successfully reduce costs from in-house operations by significant margin. Process primary materials to reduce need and cost to digest them and also create additional storage

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Appendix III Project Experience

City of Broomfield WWTP

Contract for alternative Biosolids composting services in conjunction with land application options.

Federal Reserve Bank

Negotiate and implement agreement to divert from landfill and receive, process, and market compost-utilizing money shredded from Denver Mint. Due to success of this program in recycling of money shred, the Federal Reserve Bank is implementing similar programs at other mint operations throughout the country.

Governor's Office of Energy Conservation

Successfully conducted mortality composting pilot project utilizing various types of processes.

Longmont Foods

Negotiate and implement agreement to custom compost large volumes of turkey litter produced at numerous farms. Successfully market 100% of material ready for sale.

National Hog Farm

Negotiate and implement agreement to market compost produced at National Hog Farms. Successfully market 100% of material produced plus initial backlogged inventory of 20,000 cubic yards.

Metro Wastewater Reclamation District

Successfully completed on-site MSAP/AW Pilot composting study that assisted in implementation of new systems on Metro site to cut cost and increase productivity and product quality. Provided Private Biosolids Composting services.

Whole Foods and Wild Oats Markets

Beginning in 2004, A1 Organics became a part of these two large food retailers' comprehensive food recycling programs. A1 receives and composts food waste generated from their numerous retail locations.

Composting Site - Design and Operating Plan and Permitting

Worked with Summit County Landfill and Waste Management to successfully design, permit, construct and operated Class I composting sites.

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Appendix IV References

City of Broomfield

Broomfield, Colorado

Contact: Tom Wells, 303-464-5663

City of Longmont WWTP

Longmont, Colorado

Contact: John Anderson, 303-651-8497

City of Longmont Solid Waste

Longmont, CO

Contact: 303-651-8767

City of Loveland

Loveland, Colorado

Contact: Mick Mercer, 970-962-2530

City of Westminster

Westminster, CO

Contact: Kipp Scott, 303-452-8010

Coors Brewing Company

Golden, Colorado

Contacts: Rhonda Rumbaugh, 303-277-3063

Denver Water

Denver, Colorado

Contact: Tom Mounfort, 303-628-6342

Denver Zoo

Denver, Colorado

Contact: Merle Moore, 303-376-4985

Governors Office of Energy Conservation

Denver, Colorado

Contact: Susanne Castellano, 303-894-2383

Jefferson County Emergency Management

Golden, Colorado

Contact: Tim McSherry, 303-271-4901

Rooney Road Recycling Center

Jefferson County, CO

Contact: Brian Nielsen, 303-987-7192

Summit County Landfill

Summit County, CO

Contact: Aaron Byrne, 970-418-0265

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Waste Management of Colorado

Contact: Tom Schweitzer, 303-486-6045

Eagle County Landfill

Eagle County, CO

Contact: Ron Rasnik, 970-926-3125

KRW Engineering

Contact: Dave Douglass, 303-239-9011