



EDCO
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“We'll Take Care of It”

2018
Sustainability Report

Family owned and operated EDCO has been on the *Road to Zero Waste* since its founding in 1967. With a focus on diversion, EDCO has developed an extensive network of recycling processing facilities that are collectively designed to maximize recovery efforts and create sustainable solutions for our environment.

“We’ll Take Care of It” is the foundation that EDCO approaches customers, communities, fellow employees and the environment. EDCO has long been recognized as an industry leader who is committed to enhance the quality of life for the communities we serve as well as our employees.

EDCO has embraced its unique role as an independent, premier service provider that is firmly committed to innovation that reduces the impact on the environment. EDCO believes it is our responsibility to leave a sustainable planet to future generations.



Industry Leader

- **Environmental Excellence Award** – On September 27, 2018 The Industrial Environmental Association (IEA) of Southern California recognized EDCO with the Environmental Excellence Award for the State-of-the-Art Commingled Recycling Facility located at Escondido Resource Recovery.
- **Partnership Award** - On May 24, 2017 San Diego EarthWorks recognized EDCO with the E.A.R.T.H. (Environmental Action and Restoration That Helps) Award for EarthFair efforts.
- **Industry Leader Award** - On April 6, 2017, EDCO was recognized for 50 years of service to the community with the City of San Diego's Environmental Services Department's (ESD) Industry Leader Award. EDCO was commended for its focus on recycling and significant investment in recycling infrastructure and considered a true loyal partner of the City and an industry leader.
- **Blue Sky Award** - On October 6, 2016, EDCO was presented the 2016 Air Pollution Control District (APCD)- Industrial Environmental Association (IEA) Blue Sky Award during the 32nd Annual IEA Environmental Training Symposium and Conference in San Diego. The annual awards recognize companies or organizations that have made positive contributions to the regional environment through innovative projects that reduce air pollution and global warming.

EDCO's Extensive Network of Recycling & Processing Facilities



6 State Certified
Recycling Buyback Centers



2 Material Recovery Facilities
(MRF's)



6 Transfer Stations



2 Mixed Construction Demolition and
Inert (CDI) Processing Facilities

Escondido Resource Recovery (ERR)

This State-of-the-Art, advanced technology facility is the newest recycling facility that EDCO operates aiming to lead EDCO ***“On the Road to Zero Waste.”***



7 High-speed optic scan sort systems

30 Full-time, full benefit team members assisting the mechanized sort

336 Feet of clear span inside the new building

70,000 Square foot facility

100,000 Pounds of recycling to be processed per hour

520,000,000,000 Pounds of material that can potentially be diverted

EDCO Diverted Over 699,306 Tons from the Landfill in 2018

We saved over
961 thousand trees
by recycling 56,586 tons of paper



We recycled 980 tons of aluminum
saving over
1.6 million gallons of oil



We saved over **630** thousand cubic yards
of space in the landfill by
recycling 70,102 tons of
cardboard



We recycled 32,229 tons of glass saving



2,417 tons of feldspar
6,124 tons of limestone
6,607 tons of soda ash
20,949 tons of sand

We saved over
25 million Kwh of energy
by recycling 4,405 tons of PET



What About Green Waste?

EDCO diverted **273,434** tons of green waste from the landfill in 2018. Disposing organic material in the landfill releases large amounts of methane, a potent green house gas, due to anaerobic decomposition. Recycling or composting yard trimmings reduces greenhouse gas emissions and conserves landfill space.

Green waste, like other organic materials, contain nutrients that can be redistributed into your soil and your plants. Similar to aluminum and other recyclables, green waste should be disposed of properly so that the valuable resources contained in them are not lost.



EDCO Solar Facilities

As part of our environmental initiative, In 2018 EDCO completed construction on our third roof top solar facility. We use the solar system to offset the power of our natural gas compressor units, creating a more sustainable power and fuel source for collection operations. Solar power is the cleanest, most reliable form of renewable energy available today.

In 2018, we produced **294,503** kWh of electricity. Saving our environment in the following ways:

Greenhouse gas emissions avoided by



9,087 trash bags of waste recycled
instead of landfilled

CO2 emissions from



26,555,472
smartphones charging

Carbon sequestered by

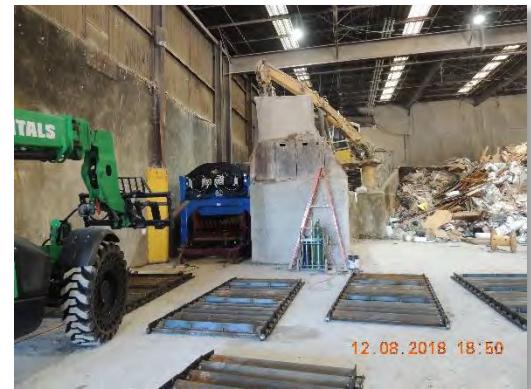


3,444 tree seedlings grown
for 10 years

Future Projects

EDCO is a leader in developing innovative options to solid waste collection, transfer, processing, and disposal challenges.

Since EDCO opened its first mechanized recycling processing facility in 1989, EDCO has embraced **Zero Waste** as the goal and is committed to continually reinvest in this path.



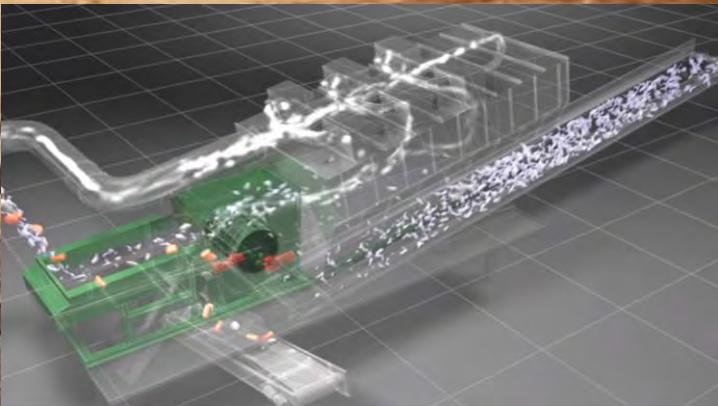
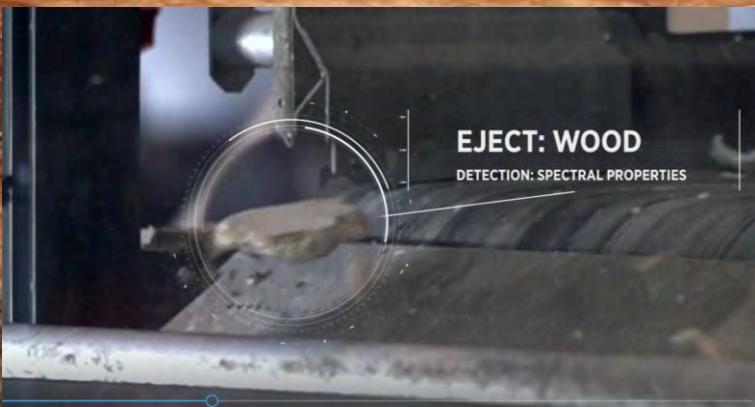


SANCO Resource Recovery

In 2018, EDCO secured permits and construction began to enhance the processing equipment at the Construction and Demolition (C&D) Facility located in Lemon Grove.

Upgrades include adding a size reducer, 2 additional air separation units, adding a high tech optic eye sorter and an additional magnetic belt.

These improvements will allow EDCO to nearly double the throughput or tons per hour and increase the diversion percentage to 78%.





Escondido Resource Recovery (ERR)

In 2018, EDCO made the commitment to move forward in investing in a state-of-the-art, advanced technology Anaerobic Digestion (AD) Facility capable of powering our fleet of trucks with Renewable Natural Gas (RNG). EDCO's AD Facility is the first fully permitted facility in San Diego County and one of the first in Southern California. Facility construction started in 2018 and will be operational in 2020.

Anaerobic digestion is an efficient and environmentally sustainable technology that can make a significant contribution to the management of organic waste in California. Reducing the amount of methane released into the atmosphere is critical in ensuring a safe and healthy environment for ourselves and future generations.



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EDCO Recovery and Transfer (ER&T)

In response to evolving State Mandates and the City of San Diego's Zero Waste goals, in 2018 EDCO obtained land entitlements and permits for a number of facility enhancements at ER&T.

The Master Facility Plan includes permitting EDCO's second Anaerobic Digestion (AD) Facility, the first mixed waste processing line in the region, and a roof top solar facility designed to achieve LEED Silver Certification.

This facility will increase our recycling capability, produce Renewable Natural Gas (RNG) and clean energy continuing our journey ***On the Road to Zero Waste.***





Ramona Organics Facility

Composting is nature's way of recycling. Yard waste and food waste are broken down and become food for plants.

Through composting the amount of garbage sent to the landfill is **reduced**, the organic matter is **reused** rather than dumped, and it is **recycled** into a useful soil amendment. By composting, the generation of greenhouse gases, particularly methane, is avoided.

In addition to emission reduction, compost replenishes and revitalizes exhausted farm soils by replacing trace minerals and organic material, reduces soil erosion and helps prevent storm water run off.

EDCO began construction of the Ramona Organics Facility in 2018 and the facility will be operational in 2019. The EDCO Ramona Organics Facility will play a significant role in diverting waste from landfills thereby conserving landfill space and reducing the production of leachate and methane gas.





San Marcos Solar Facility

EDCO began installing solar power in 2013 at our Signal Hill Administration Terminal, since then we have expanded solar to our facilities in La Mesa and Escondido. In 2018, EDCO secured the permit for our fourth solar facility located in San Marcos. The San Marcos Facility is currently under construction and will be operational in 2019.



Signal Hill Facility



La Mesa Facility



Escondido Facility

Our Fleet. Simply Sustainable

In an effort to reduce our impact on the environment, EDCO is committed to converting our fleet to Renewable Natural Gas (RNG) powered vehicles. EDCO currently operates Natural Gas power tractors, collection trucks, pick-up trucks, bin delivery trucks, maintenance trucks and bulky item trucks.



Why Renewable Natural Gas (RNG) ?

- RNG is an ultra-clean and ultra low-carbon natural gas alternative. As organic waste breaks down it emits methane gas, called biogas.
- The methane gas is captured then processed, purified, and distributed to EDCO's nine natural gas fuel stations.
- RNG provides further reduction in Greenhouse Gas effects over the use of extracted natural gas.
- RNG diverts organic waste from our landfills and turns it into a renewable form of energy.



Natural Gas (NG) Stations

As part of our commitment to the environment and a key part of the regional infrastructure needed to expand the use of NG Vehicles, EDCO operates 3 public NG stations. In addition, EDCO operates 6 time-fill facilities that serve company vehicles.



In 2018, EDCO distributed **over 2 million** diesel gallon equivalents of natural gas.

Environmental Benefits:



2 million pounds of diesel fuel
produces **44,000,000 pounds of CO₂**



Natural gas equivalent
produces **near zero CO₂**

Time-fill

Time-fill allows a fleet to fill overnight during off-peak hours. Off-peak hours are times when the energy grid is not under a lot of stress and has excess electrical generation. If that energy is not used, it's actually wasted.

Time-fill also increases efficiency of refueling. In addition, time-fill stations ensure that compressors only start and stop one time per day, reducing maintenance and extending the life of the equipment.



Near Zero (NZ) Tractor/Trailer Combos

- In 2018, EDCO added to its fleet of Near Zero (NZ) trucks with the delivery of four new NZ Natural Gas powered over-the-road, day cab tractors. These new tractor/trailer combos are among the first over-the-road NZ engines in the State of California.
- Near Zero engines produce almost zero emission of Nitrous Oxide (NOx), which is the primary generator of air pollution.
- The NOx emissions are 90% less than 2010 standards, with ten NZ engines producing the NOx equivalent of just one 2010 engine.
- NZ technology meets the State of California 2023 NOx and 2031 petroleum reduction goals. The California Air Resources Board (CARB) identifies that the NZ engine emissions are equivalent to a 100% battery powered vehicle using electricity from a modern natural gas power plant.
- Our new NZ tractors are another example of our continued commitment and dedication to sustainable solutions, including the use of Renewable Natural Gas (RNG).



Residential

Curbside Trash, Recycling &
Green Waste Service
Temporary Bin Service
Storage Containers
Roll-off Boxes
Bulky Item Pick up
Christmas Tree Recycling

Industrial

Storage Containers
Trash Roll-off Boxes
Recycle Roll-off Boxes
Compactor Services

Commercial

Trash Bin Services
Recycle Bin Services
Storage Containers
Roll-off Boxes
Bulky Item Pick up
Compactor Services

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Services at a Glance

“We’ll Take Care of It”

Events

Cardboard Trash
& Recycle Boxes
Commercial Trash Bins
Commercial Recycle Bins
Roll-off Boxes

Additional Services

Waste Assessments
Specialized Reporting
Educational Presentations

Free Drop Off

Electronic Waste Recycling
Cooking Oil Recycling
Batteries – Residential Customers
Sharps – Residential Customers

Household Hazardous Waste (HHW) Partnerships

Household Hazardous Waste that is improperly managed poses a serious threat to human health and the environment. HHW is the unused or leftover portion of any hazardous chemicals or materials. Any leftover household product that is labeled with DANGER, WARNING, TOXIC, CAUTION, POISON, FLAMMABLE, CORROSIVE, or REACTIVE is considered a household hazardous waste. EDCO has developed unique environmental partnerships to ensure that HHW is handled safely.

Poway HHW Facility

Partnership with:
Regional Solid Waste Association



Escondido HHW Facility

Partnership with:
City of Escondido



Ramona HHW Facility

Partnership with:
County of San Diego



La Mesa HHW Facility

Partnership with:
City of La Mesa



EDCO's Environmental Center

Partnership with:
City of Signal Hill, City of Long Beach, County of Los Angeles, and Los Angeles County Sanitation District



SANITATION DISTRICTS OF LOS ANGELES COUNTY

Converting Waste Into Resources

Vista HHW Facility

Partnership with:
Regional Solid Waste Association



Public Education

The key to maximizing sustainability is to maximize program participation among our customers. Public Education plays a vital role in sustaining safe and effective waste & recycling programs. EDCO offers tours as well as at site presentations to educate organizations on the importance of recycling. EDCO's Public Education efforts have been honored at numerous levels.

EDCO's Award Winning Newsletters



Billing Inserts and Postcards



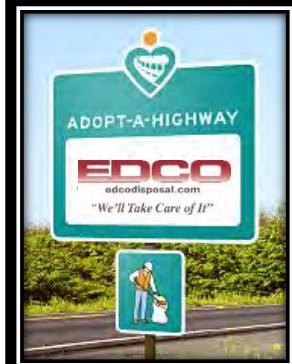
EDCO's Website



Elementary School Presentation



Tour of Material Recovery Facility



Giving Back

We believe in making a difference! EDCO actively supports the communities we serve. From litter abatement to home town parades and local clean-ups, you're more than likely to see EDCO involved in numerous community events.



Employee Growth and Development

As a family owned and operated company EDCO is committed to offering a rewarding career to our employees. We focus on providing employees all the training and tools they need so they can grow and be successful within EDCO.

EDCO's average employee has a 15.5 year tenure, with numerous 20-year, 30-year, and even several 40-year employees.



Employee Appreciation

EDCO's success is thanks to our loyal and committed team of employees. Throughout the year we celebrate employees at the Founders Day Celebration, End of Summer BBQ, Christmas Party, and Family Day Events.

In addition EDCO provides Anniversary Recognition, Thanksgiving Turkeys and Christmas Bonuses.



Founders Day Celebration

Thank
you!



Family Day Event



20 and 40 Year Celebrations

EDCO has an extensive environmental and safety program that manages and minimizes risks associated with solid-waste and recycling collection, handling, recovery, and disposal.

All EDCO employees participate in extensive safety training and review safety and operations related topics in 12 meetings per year. Employees are financially incentivized for their safety record and are rewarded on a quarterly basis.

As evidenced by our Mission Statement, the EDCO vision remains as clear as it was in 1967.



Our mission is to efficiently serve the waste collection, disposal and recycling needs of our customers while ensuring a safe and rewarding career for our employees.

We will achieve this objective in a professional, innovative manner that consistently displays our integrity and genuine commitment to provide superior customer service.



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Our Mission

Our Vision