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## 2017 Gold awards

To win a Gold award, businesses must comply with all applicable air quality regulations for at least three years and employ additional clean air practices in at least two of these categories: energy efficiency; emissions reductions; air pollution prevention practices related to their specific business sector; and transportation, such as reducing commute trips, having no-idling policies and switching to cleaner vehicle fleets.

<u>Business name</u>	<u>Location</u>	<u>County</u>	<u>Clean air action highlights</u>
Chemtrade Sulex Inc.	Mount Vernon	Skagit	<p><b>Energy efficiency –</b></p> <ul style="list-style-type: none"> <li>Installed new heat pump furnace in office.</li> </ul> <p><b>Emissions reductions –</b></p> <ul style="list-style-type: none"> <li>Offload molten sulfur at lower pressure to reduce emissions from storage tank.</li> </ul> <p><b>Transportation –</b></p> <ul style="list-style-type: none"> <li>Recalibrated air scales on board prill trucks so maximum weight can be loaded to reduce number of loads hauled to Port of Anacortes.</li> </ul>
Healthy Pet	Ferndale	Whatcom	<p><b>Energy efficiency –</b></p> <ul style="list-style-type: none"> <li>Replaced 100 percent of plant, warehouse, office, and external lighting with energy-efficient LED lighting.</li> </ul> <p><b>Emissions reductions –</b></p> <ul style="list-style-type: none"> <li>Partnered with a Canadian supplier to divert 330 metric tons of the supplier's material into a saleable commercial product for Healthy Pet.</li> </ul> <p><b>Transportation –</b></p> <ul style="list-style-type: none"> <li>Bought energy-efficient 2015 pickup to replace inefficient 1996 van.</li> <li>Instituted more stringent recycling plan to reduce hauling a 30-yard garbage Dumpster from 4 times a year to 2 times a year.</li> </ul>

Hexcel Corp.	Burlington	Skagit	<p><b>Energy efficiency –</b></p> <ul style="list-style-type: none"> <li>• Replaced 60 percent of building lighting with LED lamps.</li> <li>• Replaced 27-year-old HVAC system with variable-speed heat pump.</li> </ul> <p><b>Sector specific –</b></p> <ul style="list-style-type: none"> <li>• Purchased equipment to eliminate the facility’s largest waste stream.</li> </ul> <p><b>Transportation –</b></p> <ul style="list-style-type: none"> <li>• Replaced original diesel generator with natural gas generators.</li> </ul>
LKQ Corp.	Bellingham	Whatcom	<p><b>Energy efficiency –</b></p> <ul style="list-style-type: none"> <li>• Working with Puget Sound Energy to apply to have lighting upgraded to reduce electrical demand by an estimated 57 percent.</li> <li>• Upgraded machinery so comparable work can be done in less time, which means a 750-gallon hot water tank that previously had to be heated to 180 degree 5 or 6 days a week can now be run just 3 days a week without affecting operations.</li> </ul> <p><b>Emissions reductions –</b></p> <ul style="list-style-type: none"> <li>• Painted cylinder heads with spray cans to reduce drying time and emissions.</li> <li>• Replacing solvents with a substitute to reduce emissions from evaporating solvents.</li> </ul> <p><b>Sector specific –</b></p> <ul style="list-style-type: none"> <li>• Working to improve processes that have the highest ability to pollute, including regularly replacing parts of engine block oven, and focusing on fume extraction and filtration unit.</li> </ul>
Nature’s Path Foods	Blaine	Whatcom	<p><b>Energy efficiency –</b></p> <ul style="list-style-type: none"> <li>• Partnered with Energy Smart Industrial to reduce energy and water consumption: <ul style="list-style-type: none"> <li>○ Improved lighting throughout the facility.</li> <li>○ Reduced electricity use by changing time sensors on our automatic fixtures.</li> <li>○ Upgraded the HVAC system to improve heating and cooling and reduce heat loss through the system.</li> </ul> </li> </ul>

**Emissions reductions –**

- Instituted a machine shutdown procedure to reduce energy consumption and emissions by shutting down machines in proper sequence when they will be out of service for change-overs and cleaning.

**Transportation –**

- Instituted a company-wide trip-reduction policy that reduces the use of partial-load trailers.

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North Hill Resources

Burlington

Skagit

**Energy efficiency –**

- Phasing out older equipment and investing in the most modern, efficient heavy equipment available on the market.

**Emissions reductions –**

- Running tier 4 final engines, reducing idle time to less than 5 minutes on all equipment.
- Reduced processing procedures by increasing man power and efficiencies in operations.

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Skagit Grand Central Collision

Burlington

Skagit

**Energy efficiency –**

- Installed all new exterior LED Lighting on photo sensors so they only run during darkness.
- Changed out all interior shop lights from metal halide bulbs to 4-foot bulbs under a PSE-approved energy-efficient management practice.

**Emissions reductions –**

- Shop paint department switched from a solvent-based automotive paint system to a latex water-based system to eliminate the need for barrels of lacquer thinner and toxic paint storage barrels to sit in our facility.

**Sector specific –**

- Implemented a paint booth filter change-out policy that is 2 times cleaner than industry standard to help eliminate paint particles from leaving the sealed paint booth through the filter system.
- Switched from chemical paint system to eco-friendly water-based paint to avoid spills that could reach the Samish Bay watershed.
- Other measures to protect the watershed include using eco-friendly car wash soap; recycling antifreeze; not storing harmful in amounts larger than 5

gallons; and training team members how to use and safely dispose of any harmful chemicals.

**Transportation –**

- Implemented no-idling policy for vehicles outside or inside the shop. Vehicles are only started if moving from 1 end of the shop to the other.

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Trident Seafoods

Anacortes

Skagit

**Energy efficiency –**

- Converted all inside lighting to LED, saving 51 percent in electricity costs and significantly reducing landfill waste.
- Automated some hydraulic systems so they shut down when not in use.
- Train employees in energy efficiency and implement small and large projects.

**Emissions reductions –**

- Carried out energy savings projects and heat recovery.
- Work to reduce waste and increase efficiencies by daily logging and tracking all waste, water and energy.
- On-site charging station for employees who drive electric vehicles.
- Recycle fluorescent bulbs, ballasts, batteries, used printing cartridges, ribbons, packaged wastes, and metal wastes (including steel, stainless steel, aluminum, copper and spent equipment).

**Sector specific –**

- Waste streams are tracked daily.
- Key performance indicator scoreboards installed at each production line.
- New managers and supervisors attend sustainability training.

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Wood Stone

Bellingham

Whatcom

**Energy efficiency –**

- Completing a facility-wide lighting conversion to LED. The reduction in energy usage is estimated to be 280,000 KWh per year.
- Installed 4 new, more-efficient rooftop HVAC units to replace units that were close to 40 years old.
- Installed new, more-efficient air compressor.

**Emissions reductions –**

- Built new casting tower and added dust collection to parts of the process that didn't have it before, which reduced dust in the factory. Testing to determine

actual impacts on air quality from added dust collection.

**Transportation –**

- Participate in the Smart Trips program. In 2016, over 1,700 work related smart trips were logged.