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Utah Department of Environmental Quality
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Annual Report

For the period of 2015

USANA Health Sciences
Facility Name

3838 Parkway Blvd. West Valley City 84120
Facility Street Address City Zip

Project Status

On a separate sheet, summarize:

- your Clean Utah project commitments and accomplishments made to date,
- major indicators of environmental improvements (measurable ways that you are determining the environment is improving as the result of steps you are taking),
- public participation activities you have undertaken, and
- your project plans for next year, as they relate to this program.

Certification Statement

(to be signed by the senior facility manager)

I certify that the information outlined in the attached annual report is correct and that this facility continues to meet all program criteria and has an active EMS, as defined by the Clean Utah program. I further certify that this facility has conducted periodic assessments of compliance with legal requirements, has corrected all identified instances of noncompliance, and is currently in compliance with all applicable federal, state, and local environmental rules and regulations.

Jeffery Robertson
Signed

Jeff Robertson
Print Name

5/6/2016

Date

QA Improvement Manager
Title

HAZARDOUS and ELECTRONIC WASTE INITIATIVE

Introduction

At USANA, we worked to reduce hazardous waste by creating opportunities for alternative and efficient disposal methods. In 2014, we collected about 826 lbs. in electronic waste and hope to double this in the coming year.

In 2015, we reviewed our hazardous waste stream to identify ways we could reduce or recycle more hazardous material. While we could not reduce the amount of hazardous chemicals produced by our laboratories, we were able to increase our recycling of electronic waste.

Project Type

This initiative falls under the Core Project category of solid waste reduction. The reduction of potentially hazardous waste sent to the landfill was our target. This goal focused on our West Valley City corporate offices and laboratories.

Environmental Benefit

The project reduced the total electronic waste produced by our corporate location. Though our intended reduction only represents a small fraction of total hazardous or electronic waste in the world, we believe that marginal environmental improvements are a significant starting place. By reducing our hazardous and electronic waste, we reduce the amount of poisons that could harm our environment and the general population in different ways.

Measurement and Monitoring

We measured this goal by weighing the tons of electronic material collected over the year and comparing that number to the pounds collected last year. We found

that we increased our collection of hazardous material by seven times over 2014. One key reason for this was the extension of our electronics waste collection drive from one day to three weeks.

Indicators

Targeted Indicator: tonnage of total e-waste collected

Baseline year: 2014

Baseline metric: 826 lbs

Target weight: 1652 lbs.

Target year to reach this goal: 2015

Actual weight: 6157 lbs

Public Participation

Public participation included three strategies:

- 1) We made our existing programs more available to employees through increased electronics recycling containers and information.
- 2) We shared our efforts with EPA WasteWise program.
- 3) We shared our efforts with our employees on USANAverse- our internal communication system.

AIR QUALITY INITIATIVE

Introduction

Along the Wasatch Front, no pollution problem is more obvious than our air quality. At USANA, we want to help develop solutions to the air quality issues that impact our health. We see a direct fit between our mission, promoting health, and improving air quality.

USANA's principal method of improving air quality relates to its employees' vehicle use. USANA is located next to Bangerter Highway and has a large parking structure. Transit routes do not serve the location well. Conditions seem perfect to incent employees to drive alone to work. If we are to improve air quality, we must incent other forms of commuting.

To accomplish this, USANA kept a record of the number of "green parking" stickers that are requested by and given to employees. These stickers are used to provide access to parking spots closest to the USANA corporate building that are reserved for carpoolers and employees with vehicles that fit the EPA's "smart green car" guidelines. We developed incentives and programs that encourage employees to commute through other modes, including biking, carpooling, mass-transit, and trip-chaining.

This project was a continuation of our 2014 project. It takes into consideration USANA's capabilities and strengths, including the active lifestyle of many of its

employees, its position along one of West Valley City's planned bicycle paths, and its existing carpooling and green vehicle parking program.

Project Type

This initiative falls under the Suggested Project category for commuter trip reduction.

Environmental Benefit

Seven counties in Utah are still in non-attainment status for PM-2.5 pollution. These counties include all the counties from which our employees commute (Utah, Salt Lake, Davis, Toole, Box Elder, Weber, Cache Valley). Since air pollution from vehicles makes up more than 50% of air pollution in these counties, the environmental benefit of reducing vehicle trips would be less pollution.

Measurement and Monitoring

We tracked our contribution to the improvement of air quality by keeping count of the number of new green and carpooling stickers we gave out to employees.

These stickers are used to secure a spot in the "green parking" area and are much more practical than surveys in measuring our success.

Indicators

Targeted Indicator: Green parking stickers distributed to USANA employees

Targeted amount: 25 parking stickers over the course of the year

Target year to reach this goal: 2015

Actual amount: 24 parking stickers

Public Participation

As with our core goal, public participation was an important element in our success. The most direct aspect of public participation is our employees' involvement. We measured our success based on their use of the program. We also found that employees policed each other (both positively and negatively) in a way that increased the recognition of the program.

We also participated in the annual Clear the Air Challenge. We provided incentives to employees who reduced their vehicle trips the most. While this did not directly drive our metric, it did encourage employees to consider cleaner commute options.

AIR QUALITY INITIATIVE

Introduction

Along the Wasatch Front, no pollution problem is more obvious than our air quality. At USANA, we want to help develop solutions to the air quality issues that impact our health. We see a direct fit between our mission, promoting health, and improving air quality.

USANA has launched a number of initiatives to improve air quality in the past. One such initiative was the installation of over 400 kW of solar panels. Another was our employee green parking program, which incented employees to drive low-emitting vehicles and to carpool. These continue to have an impact on our air quality.

What if there were a way to combine both our previous air quality initiatives into a new initiative? Our solar panels provide us with a renewable source of electricity. However, that renewable energy reduces air emissions far away from the Wasatch Front, where air quality impacts are the most significant. Could we take that resource and turn it into air quality improvements here, along the Wasatch Front?

A significant portion of our local air quality problems come from mobile, highway sources such as commuter vehicles. Electric vehicles eliminate the tailpipe emissions of commuter vehicles. Those emissions still occur when electricity is generated from fossil fuel sources, such as coal.

USANA's strategy for reducing air quality impacts from its business is by using its solar array to provide electricity for employees driving electric or plug-in hybrid vehicles. We will install level 2 electric car chargers at our facility. This localizes the air quality impact of the solar panels by translating it into reduced vehicle tailpipe emissions. This will reduce critical air pollutants such as PM 2.5 and ozone.

In late 2015, USANA installed two chargers as a trial, without announcing that they were available for use. We invited the three employees with electric or plug-in hybrids to use the system. In 2016, we will install more chargers and announce the program.

Project Type

This initiative falls under the Core Project category for air emissions.

Environmental Benefit

Seven counties in Utah are still in non-attainment status for PM-2.5 pollution. These counties include all the counties from which our employees commute (Utah, Salt Lake, Davis, Toole, Box Elder, Weber, Cache Valley). Since air pollution from vehicles makes up more than 50% of air pollution in these counties, the environmental benefit of reducing vehicle trips would be less pollution.

Measurement and Monitoring

USANA cannot measure reduced emissions directly. We recognize that our employees take only a small fraction of all trips along the Wasatch Front. We will track our success in terms of the number of employees driving fully-electric or plug-in hybrid vehicles.

Indicators

Targeted Indicator: Number of electric or plug-in hybrids used by our employees for commuting.

Baseline: 3 employees with electric or plug-in hybrid cars

Targeted amount: 10 electric or plug-in hybrid cars

Target year to reach this goal: 2016

2015 will be our baseline year for future goals.

Public Participation

The most direct aspect of public participation is our employees' involvement. We will measure our success based on employee adoption of electric and plug-in hybrid vehicles. We will announce the program on our internal employee newsletter.

We are partnering with a local non-profit, Leaders for Clean Air, to get our chargers. Leaders for Clean Air is dedicated to helping businesses start workplace charging programs by providing the first charger to local businesses for free. The organization is founded on a "pay-it-forward" culture, where instead of paying for their chargers, businesses receive donated chargers from other participating businesses. The receiving business then purchases and donates chargers to the next business in line. USANA plans to receive chargers through the program and donate chargers to the Lassande Entrepreneur Institute at the University of Utah.

ENERGY CONSERVATION INITIATIVE

Introduction

USANA has focused on energy conservation for years. This effort has been facilitated by improvements in technology and assistance from Rocky Mountain Power. Previous projects have included upgraded production air compressors, lighting retrofits, and window tint to reduce summertime air conditioning load. In 2016, we will review our opportunities for energy conservation and seek further reductions through lighting and cooling projects.

One of these projects will entail replacing much of our warehouse fluorescent lighting with LED. Another will entail adding prechilling devices around our largest chillers to increase their efficiency.

Project Type

This initiative falls under the Suggested Project category of energy conservation.

Environmental Benefit

Energy use is one of our key environmental aspects. According to our Climate Registry carbon footprints, electricity use was our largest generator of greenhouse gases. Energy purchases also have an impact on air quality, given the emission of sulphur dioxide and nitrogen oxides from coal burning.

Conserving energy will help to alleviate these environmental impacts of our electricity use.

Measurement and Monitoring

We will measure our success on this initiative in terms of our total energy used in 2016 relative to 2015 and our total energy used per million dollars of revenue.

Indicators

Targeted Indicator 1: total energy used at USANA's corporate office, manufacturing facility, and warehouse

Baseline year: 2015

Baseline energy use: 6,545,861 kWh

Baseline energy use per \$1 million in revenue: 7,127 kWh

Target energy reduction: 2%

Target year to reach this goal: 2016

Public Participation

We will share our efforts with our customers at USANA's international convention in August.