

# Advisory Committee Meeting



November 1, 2017

SingleSpeed  
Brewing Co.  
Waterloo, IA



## Committee Members

Bill Dotzler	IOWA SENATE
Matt Everson	NATIONAL FEDERATION OF INDEPENDENT BUSINESS
Jeff Fiagle	IOWA DEPARTMENT OF NATURAL RESOURCES
Glen Hulbert	DEERY BROTHERS COLLISION CENTER
David Inyang	IOWA STATE UNIVERSITY
David Jackson	UNIVERSITY OF IOWA
Jan Loyson	CITIZEN REPRESENTATIVE
Randy Pilkington	UNIVERSITY OF NORTHERN IOWA
Jeff Phillips	BARKER LEMAR
Matt Rasmussen	IOWA ECONOMIC DEVELOPMENT AUTHORITY
Walt Rogers	IOWA HOUSE OF REPRESENTATIVES
Lisa Shimkat	IOWA SMALL BUSINESS DEVELOPMENT CENTER



# Agenda

**11:00 a.m.**

**Welcome and Introductions**  
DAN NICKEY AND RANDY PILKINGTON

**On-Site Reviews and Iowa Air Emissions Assistance Program**  
JENNIFER WITTENBURG

**Food Waste Projects and Midwest Food Recovery Summit**  
LEA HENSEL

**STAR4D Military Painter Training Program**  
JOE BOLICK

**Licensed Products – VirtualPaint and SprayItRight**  
JEREMIAH TRELOAR

**12:00 p.m.**

**Lunch**

**1:00 p.m.**

**Open Discussion with Advisory Committee Members**  
ALL

**Iowa Green Brewery Certification**  
JOE BOLICK

**Tour of SingleSpeed Brewing Co.**  
DAVE MORGAN

## The Basics



- Created in 1987 by the Groundwater Protection Act
- Part of Business and Community Services at the University of Northern Iowa
- Mission: Provide environmental consulting, assistance, training and education for entities with environmental impact or need
- Services
  - Free and confidential
- Funding
  - Landfill tipping fees
  - Grants and contracts



# On-Site Reviews and Iowa Air Emissions Assistance Program

Presented by:

Jennifer Wittenburg  
IAEAP PROGRAM MANAGER



## On-Site Reviews (OSR)

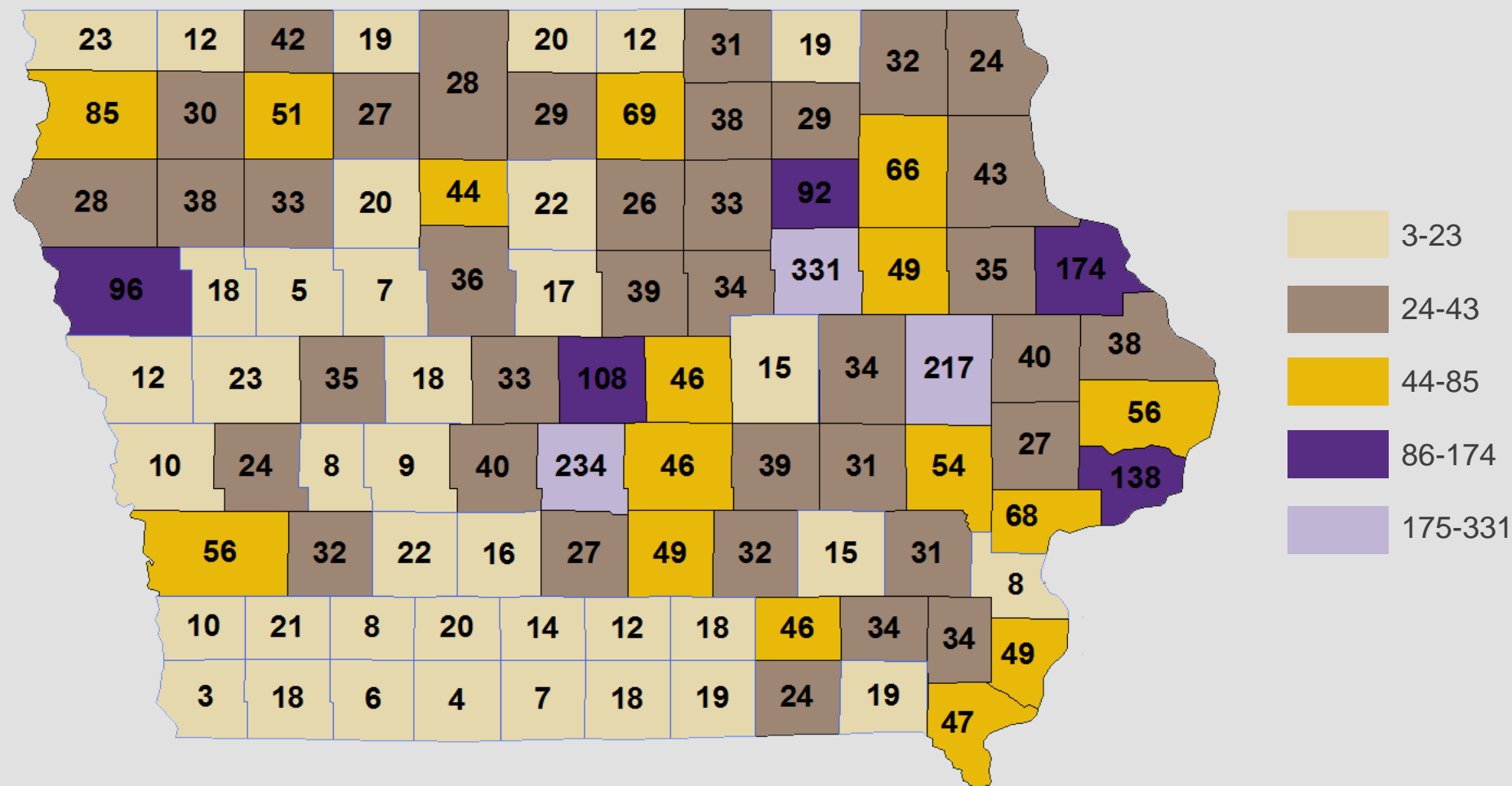


- Free environmental consultations to Iowa small businesses (less than 200 employees)
- Areas of Expertise
  - Air Emissions
  - Emergency Planning & Community Right-to-Know Act (EPCRA) reporting
  - Food Waste
  - Spill Prevention Control and Countermeasure (SPCC)
  - Hazardous Waste
  - Solid Waste
  - Storm Water
  - Used Oil
  - Wastewater
  - Universal Waste
  - Storage Tanks



# IOWA WASTE REDUCTION CENTER

## Our Reach as of October 2017



Total OSRs:  
4,028

## Iowa Air Emission Assistance Program (IAEAP)

- Mandated by Section 507 of the Clean Air Act Amendments
- Free technical and environmental compliance assistance to Iowa small businesses
  - Less than 100 employees
- Funded by the Iowa DNR Air Quality Bureau





# Iowa Air Emission Assistance Program (IAEAP)

- Services Provided (July 1, 2016 – June 30, 2017)

Assistance Type	Brief Assistance	Detailed Assistance
Site Visits	0	47
Construction Permits	52	22
Permit by Rule	14	8
Small Unit Exemption	17	30
Emissions Inventory	65	30
NESHAPs	17	10
Paint Tracker	9	6
GrainPTE	23	3
Feed Mill	4	1
<b>Total</b>	<b>201</b>	<b>154</b>

- FY18 Special Projects
  - Compliance Calendars, SLEIS Program Implementation



# Food Waste Reduction Projects

**Presented by:**

**Lea Hensel**

**COMMUNICATION AND MARKETING COORDINATOR**



## Food Waste Reduction Assistance Project

- Food waste prevention and reduction project in rural Iowa communities
  - October 1, 2016 – September 30, 2017
- Community-wide assistance
  1. Food waste audits and waste sorts for ICI sector
    - Final report sent to each ICI participant
  2. Residential outreach
    - Residents received a toolkit with a scale to track food waste in home





## Outreach

- Communities Participating in the Project
  - Bloomfield
  - Chariton
  - Lamoni
  - Postville
- Outreach
  - K-12 school districts in all four communities included nine schools
  - Good Samaritan Society in Postville
  - Graceland University in Lamoni
  - Residents in all four communities





## Highlights of the Project

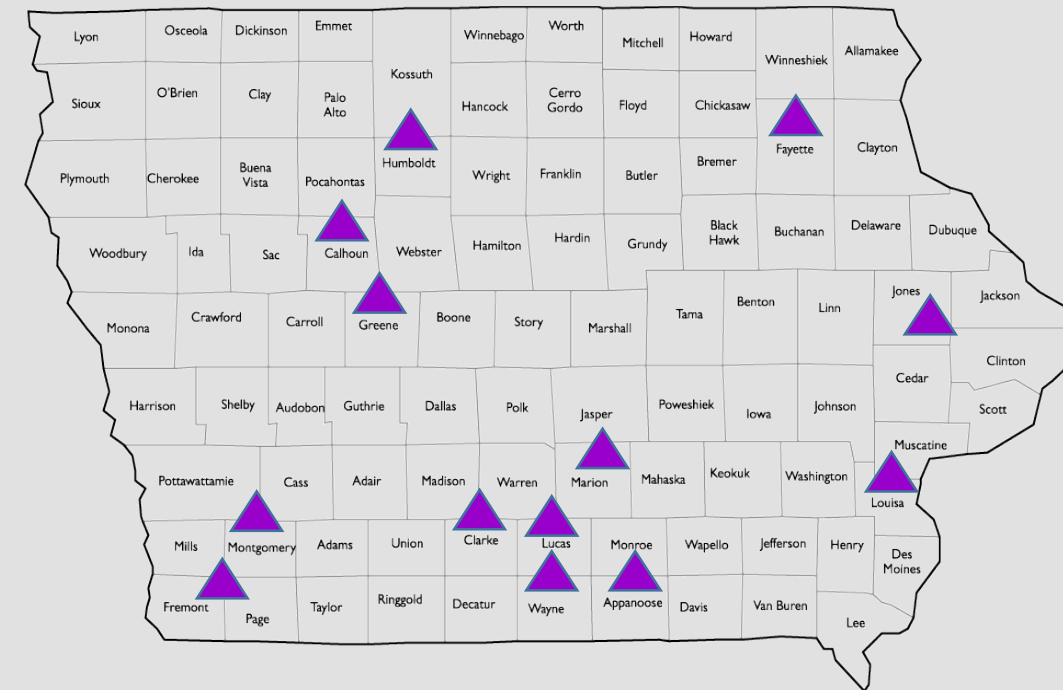
- U.S. Environmental Protection Agency's *Food: Too Good to Waste*
  - Implemented in Lamoni and included 20 residents
  - Residents track food waste at home, then implement strategies to prevent and reduce food waste, and can continue to track food waste at home
- Davis County Community School District
  - Partnering with the City of Bloomfield to compost all the district's food waste
  - IWRC continues to provide regulatory and technical assistance for this project



## Reducing Food Loss in Iowa's Rural K-12 Schools Project

- Conduct waste audits and/or sorts at 15 rural Iowa K-12 schools
- October 1, 2017 – September 30, 2018
- Cities include:

- Bode
- Chariton
- Fayette
- Grand Junction
- Lake City
- Melcher-Dallas
- Moulton
- Osceola
- Oxford Junction
- Seymour
- Shenandoah
- Villisca
- Wapello





## **MIDWEST FOOD RECOVERY SUMMIT**

September 6-8, 2017 • Des Moines Marriott Downtown

Goal: To bring a comprehensive food waste reduction, recovery, and recycling event to the Midwest.

## Two and a Half Days

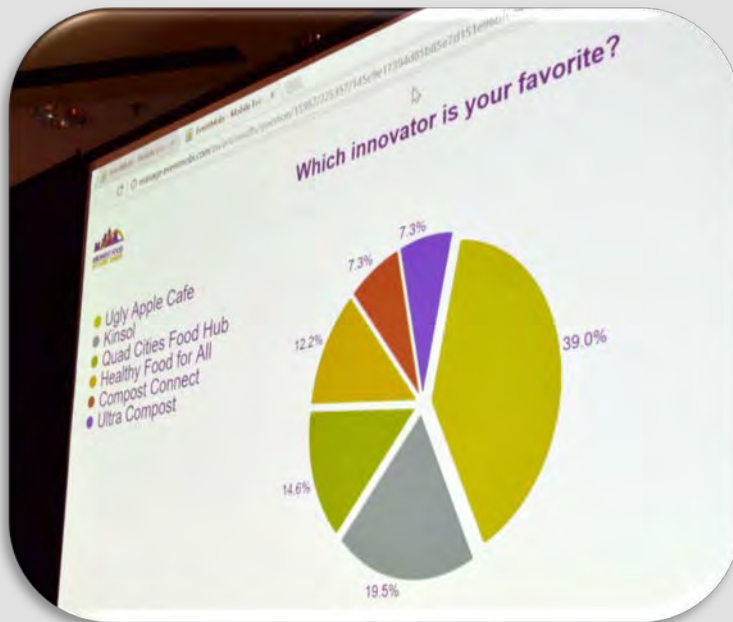






# IOWA WASTE REDUCTION CENTER

## Innovator Lightning Round





# The Main Event



## **Saving Scraps:** A Culinary Competition

# Savings Scraps: A Culinary Competition





# Savings Scraps: A Culinary Competition





# Savings Scraps: A Culinary Competition





# Savings Scraps: A Culinary Competition



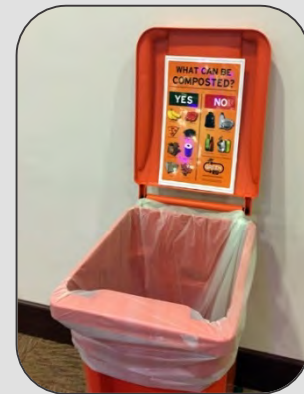


# Savings Scraps: A Culinary Competition



## Sustainability at the Summit

- All printed material recyclable or reusable
- No printed conference program, used a mobile app
- Name badges printed on seed paper
- Option to recycle name badge holders and lanyards
- All food waste composted and/or used in Saving Scraps: A Culinary Competition
- Compostable plates and bowls (provided by Chamness Biodegradables) in exhibit hall
- Non-disposable plates, cups, and silverware used for meals
- Recycling bins throughout the hotel





## Outcomes

Overall summit experience rating of **4.8/5.0**.

**100%** of responding attendees said they would be implementing and/or increasing food waste reduction, recovery, or recycling efforts.

### What Others Said

*"It was AWESOME! Way to go. Thanks for bringing this caliber of event to the Midwest."*

*"I was impressed with the planning and organization of the conference. The keynote speakers, presenters for the breakout sessions, and participants in the Lighting Round were all. I don't know how they were found and selected but I am impressed."*

*"I think a lot of folks who didn't attend really missed out on a great opportunity. You all should be commended on how well the structure of the conference was built."*





**MIDWEST FOOD RECOVERY SUMMIT**

2018?



Presented by:

Joe Bolick

COMMUNICATIONS AND PUBLIC RELATIONS MANAGER



# USMC Reserve Asset Pilot Project



## Army Aviation and Missile Command (AMCOM)

- STAR4D will provide aerospace training at military bases across the country
- Potential sites include Fort Campbell, Fort Bliss, Fort Lewis, and National Guard sites





## STAR4D Training

- U.S. Marine Corp Sites
  - Marine Corps Logistics Base Albany
  - Marine Corps Logistics Base Barstow
  - Camp Pendleton
  - Camp Lejeune
  - Blount Island Command
  - Marine Corps Base Hawaii
  - Marine Corps Base Okinawa, Japan



## STAR4D Training

- Army Repair Facilities
  - Letterkenny Army Depot
  - Tobyhanna Army Depot
  - Corpus Christi Army Depot
  - Rock Island Arsenal
  - Fort Campbell
  - Fort Rucker
  - Army National Guard Paint Facilities







**painters trained  
at PACE and  
off-site by  
STAR4D staff**

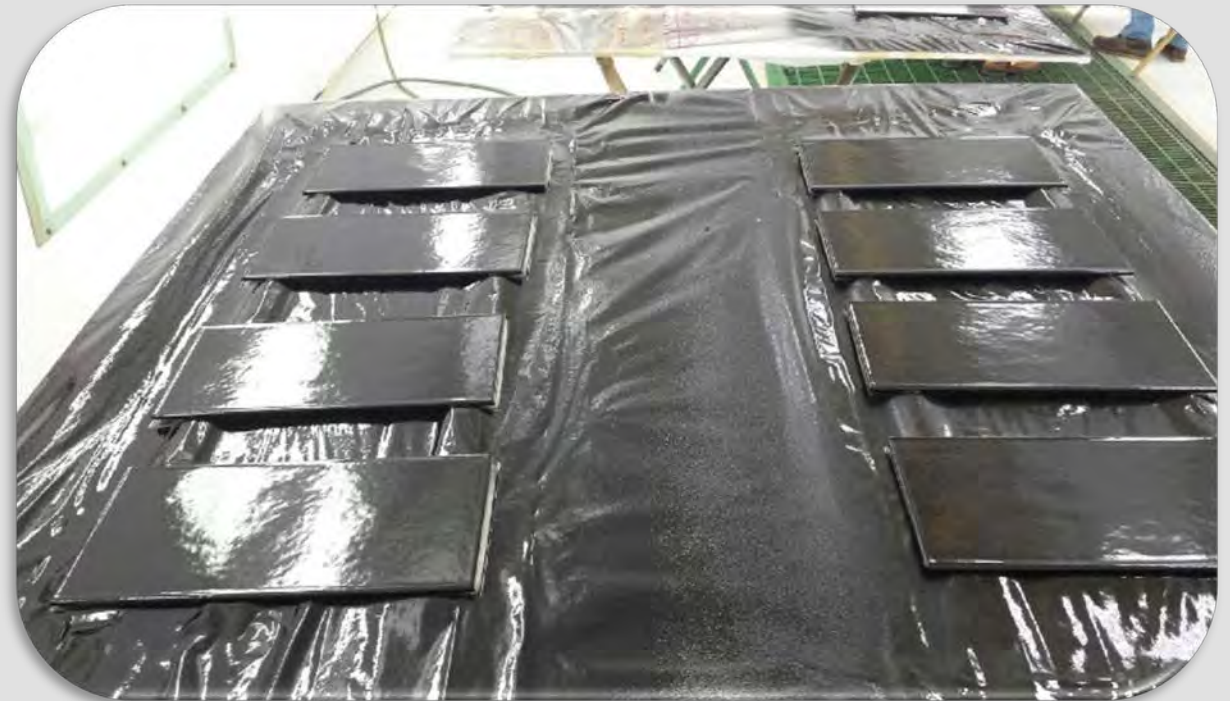
**102**

**painters  
trained at  
satellite sites**

**76**

# IOWA WASTE REDUCTION CENTER

## STAR4D Research







# Licensed Products & VirtualPaint

**Presented by:**

**Jeremiah Treloar**  
**PROGRAM MANAGER**



**And with that...  
Let's eat!**



# Open Discussion

Presented by:

Dan Nickey  
INTERIM DIRECTOR



**Iowa Green Brewery Certification**





## Iowa Green Brewery Certification

Iowa Waste Reduction Center | University of Northern Iowa

- Launched in November 2016
- Environmental certification for Iowa craft breweries
- Five areas of focus:
  1. Regulatory compliance
  2. Environmental management
  3. Energy efficiency
  4. Water quality / conservation
  5. Solid waste and inventory management



## 5 STEPS OF CERTIFICATION:

1. Perform audit of brewery
2. Score brewery's environmental efforts on checklist
3. Provide direct assistance to brewery to maximize score
4. Certify brewery
5. Promote certification level of brewery



Bronze  
65-75 points



Silver  
76-85 points



Gold  
86-95 points



Platinum  
96-100 points



CERTIFIED BREWERIES:



Cedar Falls



— BREWING —



Bronze  
65-75 points



Silver  
76-85 points



Gold  
86-95 points



Platinum  
96-100 points



CERTIFIED BREWERIES:



Bronze  
65-75 points



Silver  
76-85 points



Gold  
86-95 points



Platinum  
96-100 points



CERTIFIED BREWERIES:



Waterloo



Bronze  
65-75 points



Silver  
76-85 points



Gold  
86-95 points



Platinum  
96-100 points





November 4, 2017  
Worth Brewing Company  
Northwood, IA



# QUESTIONS?



**Iowa Green Brewery Certification**



# Presentation and Tour

Presented by:

Dave Morgan

BREWER/FOUNDER OF SINGLESPEED BREWING CO.

# Thank you for attending the 2017 IWRC Advisory Committee Meeting!

