Subcommittee Meeting #6 of the Plastics Subcommittee (#6-Plastics) was convened virtually via Zoom on April 26, 2022 from 9 AM -11 AM, CST. Attendance for #6-Plastics is provided in Table 1 below.

Table 1. #6-Plastics Subcommittee Membership and Attendance

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Attended 4/26/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harlan Buxbaum</td>
<td>Dee Zee, Inc.</td>
<td>Absent</td>
</tr>
<tr>
<td>Michele Boney</td>
<td>West Liberty Foods</td>
<td>Present</td>
</tr>
<tr>
<td>Troy Willard</td>
<td>Can Shed LLC/ Iowa Recycling Association</td>
<td>Absent</td>
</tr>
<tr>
<td>Merry Rankin</td>
<td>Iowa State University</td>
<td>Present</td>
</tr>
<tr>
<td>Julie Ketchum</td>
<td>Waste Management</td>
<td>Absent</td>
</tr>
<tr>
<td>Mick Barry</td>
<td>Mid America Recycling</td>
<td>Present</td>
</tr>
<tr>
<td>Scott Vander Sluis</td>
<td>Van’s Sanitation and Recycling</td>
<td>Present</td>
</tr>
<tr>
<td>Bryce Stalcup</td>
<td>Waste Commission of Scott County</td>
<td>Present</td>
</tr>
<tr>
<td>Jennifer Horner</td>
<td>That’s Not Trash, LLC</td>
<td>Absent</td>
</tr>
<tr>
<td>Joe Bolick</td>
<td>Iowa Waste Reduction Center</td>
<td>Present</td>
</tr>
<tr>
<td>Sue Waters</td>
<td>Plastics Recycling of Iowa Falls, Inc.</td>
<td>Absent</td>
</tr>
<tr>
<td>Nicole Crain</td>
<td>Iowa Association of Business and Industry</td>
<td>Present</td>
</tr>
<tr>
<td>Halil Ceylan</td>
<td>Iowa State University</td>
<td>Present</td>
</tr>
<tr>
<td>Gabe Claypool</td>
<td>Des Moines Industrial</td>
<td>Absent</td>
</tr>
<tr>
<td>Marcus Brandstad</td>
<td>American Chemistry Council</td>
<td>Present</td>
</tr>
<tr>
<td>Samuel Sturtz</td>
<td>Iowa DOT</td>
<td>Absent</td>
</tr>
<tr>
<td>Laurie Rasmus</td>
<td>DNR Internal SMM Team</td>
<td>Present</td>
</tr>
<tr>
<td>Amie Davidson</td>
<td>DNR Internal SMM Team</td>
<td>Absent</td>
</tr>
<tr>
<td>Tom Anderson</td>
<td>DNR Internal SMM Team</td>
<td>Present</td>
</tr>
<tr>
<td>Jennifer Wright</td>
<td>DNR Internal SMM Team</td>
<td>Present</td>
</tr>
<tr>
<td>Jennifer Reutzel Vaughn</td>
<td>DNR Internal SMM Team</td>
<td>Absent</td>
</tr>
<tr>
<td>Michelle Leonard</td>
<td>Consultant – SCS Engineers</td>
<td>Present</td>
</tr>
<tr>
<td>Christine Collier</td>
<td>Consultant – SCS Engineers</td>
<td>Present</td>
</tr>
<tr>
<td>Hannah Sperfslage</td>
<td>Consultant – SCS Engineers</td>
<td>Present</td>
</tr>
<tr>
<td>Karen Luken</td>
<td>Sub-Consultant – EESI*</td>
<td>Present</td>
</tr>
</tbody>
</table>

* Economic Environmental Solutions International

I. Subcommittee #6 - Plastics Summary

The meeting began with the project consulting team reviewing the agenda for this meeting (see Attachment A) and the previous strategies discussed. The slides presented for this Subcommittee meeting are included in Attachment A.
The goal for this meeting was to finalize the objectives and strategies to be presented at Stakeholder Meeting #3 and to confirm the recommended timeframe for implementing Plastics strategies considering immediate (0-3 years), medium (4-10 years) and long-term (11+ years).

The discussion concluded with the following Objectives, Strategies, and timelines moving forward to Stakeholder Meeting #3.

A. Objective 1: Conduct Research and Education on Plastics

Short Term (0-3 years)

- Conduct education and awareness campaigns on littering and recycling contamination
- Conduct public opinion survey regarding bans, fees, and incentives
- Identify problematic packaging and options for recycling and composting

Medium Term (4-10 years)

- Inventory recycling methods and facilities throughout State
- Research opportunities for PCR content purchasing for state and local agencies
- Monitor EPR policy framework for packaging in other states

Long Term (11+ years)

- None at this time

B. Objective 2: Implement Policies and Programs to Reduce Plastic Waste in Iowa

Short Term (0-3 years)

- Develop reuse and refill pilots and funding
- Review and revise existing state definitions, standards, and labeling for biodegradable, compostable, and recyclable

Medium Term (4-10 years)

- Develop and implement policies to reduce single-use food service ware in public spaces
- Develop and adopt incentives to use alternatives to single-use plastic bags
- Require post-consumer recycled content purchasing for government agencies
- Develop and Implement EPR for plastic packaging

Long Term (11+ years)

- Develop and adopt policy to ban single-use plastic bags
- Develop and adopt PCR content requirements for packaging
- Establish producer registry and reporting for packaging
- Incorporate all non-carbonated beverage containers into Bottle Bill
- Reconsider Ban on Bans
C. Objective 3: Support Plastics Recycling, Processing, and Manufacturing Technologies and Facilities

Short Term (0-3 years)
- Support research on methods to transform plastics into new products, fuels, etc.

Medium Term (4-10 years)
- None at this time

Long Term (11+ years)
- Incentivize development of facilities

D. Other Notes
Other items of note from the #6 - Plastics meeting are as follows:
- Stakeholder Meeting #3 will take place on June 15, 2022

Attachments:
Attachment A: PowerPoint Presentation
Attachment A
PowerPoint Presentation
Agenda
1. Complete Strategies Discussion
2. Finalize Strategies for Stakeholder Meeting
3. Stakeholder Meeting Discussion

Strategy Implementation Schedule
- Short (0 - 3 Years)
- Medium (4 - 10 Years)
- Long (11+ Years)

Strategy Implementation Considerations
- Implementation Approach
- Legislation/Policies
- Infrastructure
- Funding Needs and Sources

Objectives
1. Conduct Research and Education on Plastics
2. Implement Policies and Program to Reduce Plastic Waste in Iowa
3. Support recycling, processing, and manufacturing technologies and facilities (end markets)

1. Conduct Research and Education on Plastics
   - Short Term (0-3 years):
     - Conduct education and awareness campaigns on littering and recycling contamination
     - Identify problematic packaging and options for recycling and composting
     - Research opportunities for PCR content purchasing for state and local agencies
     - Monitor EPR policy framework for packaging in other states
   - Medium Term (4-10 years):
     - Inventory recycling methods and facilities throughout state
   - Long Term (11+ years):
     - Inventory recycling methods and facilities throughout state
     - Conduct public opinion survey regarding bans, fees, and incentives
### 2. Implement Policies and Programs to Reduce Plastic Waste in Iowa

#### Short Term (0-3 years)
- Develop reuse and refill plans and funding
- Review and revise existing state definitions, standards, and labeling for biodegradable, compostable, and recyclable materials
- Provide education and outreach regarding reusable containers – Next phase?

#### Medium Term (4-10 years)
- Develop and implement policies to reduce single-use food service ware in public spaces
- Develop and adopt incentives to use alternatives to single-use plastic bags
- Require post-consumer recycled content purchasing for government agencies
- Incorporate all non-carbonated beverage containers into Bottle Bill
- Reconsider ban on bans
- Develop and implement EPR for plastic packaging

#### Long Term (11+ years)
- Develop and adopt policy to ban single-use plastic bags
- Develop and adopt PCR content requirements for packaging
- Establish producer registry and reporting for packaging

### 3. Support plastics recycling, processing, and manufacturing technologies and facilities

- Support research on methods to transform plastics into new products, fuels, etc.
- Incentivize development of facilities

**Stakeholder Meeting Discussion**