

Executive Director's Goals and Objectives for 2014 - 2018

Goal – Increase use of Biosolids within Cook County and 125 community service area of the District

Objective

Increase the utilization of Class A biosolids in the local community and decrease Class B utilization on Farmland.

Description

Create a commercial market for biosolids and biosolids related products to achieve a higher level of sustainability within the District's service area.

Measurability

The percentage of Controlled Solids Distribution goals are as follows:

2015: 15%, 2016: 25%, 2017: 35% and 2018: 45%

Number of different brochures produced, online posts/press releases, media hits on blogs, e-newsletters, newspapers, magazines, television and radio, users surveyed and endorsements received and the number of photo shoot dates and interviews.

Number of new communities which receive biosolids each year. Number of target audiences reached and number of outreach events.

Affect to Production

By identifying potential customers, the District can adjust Class A production to meet the needs of the industry.

Relevant EMS Outcomes

Enhanced marketing and outreach, enhanced public awareness and understanding
Improved relationships with interested parties, environmental performance

Improved relations with interested parties, environmental performance, quality management practices

Action Plan

M&O and M&R will work with the IEPA toward legislative change, which will increase the marketability of biosolids and biosolids derived products such as composted biosolids.

The Public Affairs Section will continue to develop tools to educate potential users in Cook County. Identify the number of communities within the District's service area which have received biosolids in the past. Improve the quality of grassed areas in disadvantaged communities throughout Cook County, where funding for fertilizing is not available.

Continue monitoring and improving the electronic user survey and incorporating the data received in planning.

Post biosolids content on MWRD's internal and external websites, social media outlets and distribute brochures at community meetings. Attend community meetings to speak and present audio/video materials and coordinate appearances of expert MWRD biosolids staff such meetings. Promote and support the Annual Biosolids Field Day event; host press conferences, shoot photos, create press releases and produce audio and video podcasts featuring biosolids staff (from Stickney, to LASMA, to CALSMA, soil scientists, engineering techs, laborers and

Executive Director's Goals and Objectives for 2014 - 2018 (cont.)

engineers) discussing various aspects of biosolids production and application. Conduct interviews with biosolids users throughout the region, record users via endorsements, statements and letters regarding how they use biosolids, how long have they used biosolids, what are the benefits they have seen, their interactions with the MWRD and what recommendations they might have for the MWRD or other users. Update talking points and fact sheets.

Tracking Progress

M&O will track dry ton quantities utilized on Farmland and under the Controlled Solids Distribution program. The specific Measurability goals will be submitted via report to the EMS Coordinator quarterly.

2016	Controlled Solids Distribution/District Utilization		Farmland Application/Beneficial Reuse		Total Utilization
	Goal: At least 25% of Total Utilization		Goal: No more than 75% of Total Utilization		
Month	DT	% of Monthly Total	DT	% of Monthly Total	DT
Jan		NA		NA	0
Feb		NA		NA	0
Mar		NA		NA	0
Apr		NA		NA	0
May		NA		NA	0
Jun		NA		NA	0
Jul		NA		NA	0
Aug		NA		NA	0
Sep		NA		NA	0
Oct		NA		NA	0
Nov		NA		NA	0
Dec		NA		NA	0
TOTALS	0	NA	0	NA	0

Responsible persons

- Section 651 Biosolids Manager
- Section 652 Principal Civil Engineer
- Section 072 Public Affairs Specialist
- Section 123 Supervising Environmental Soil Scientist

Funds/Resources

N/A

Target Dates

Annually December 2018

Executive Director's Goals and Objectives for 2014 - 2018 (cont.)

Goal – Create a Composted Biosolids Program

Objective

Create a Class A composted biosolids to be used in the District's Service area.

Description

Achieve a higher level of sustainability within the District's service area.

Measurability

Timeline to receive composting equipment.

of tons of composted biosolids produced.

2016: Target of 10,000 tons at LASMA/CALSMA

2017: Target of 15,000 tons at LASMA/CALSMA

2018: Target of 20,000 tons at LASMA/CALSMA

Affect to Production

Production of composted biosolids will increase total amount of product to be utilized due to the addition of composting feedstocks.

Relevant EMS Outcomes

Enhanced marketing and outreach, enhanced public awareness and understanding

Improved relationships with interested parties, environmental performance

Action Plan

June 2014 – December 2015: Evaluate ways to improve the composting process. The addition of green waste to the process may be advantageous in creating necessary heat within the piles. M&O will investigate the tipping cost of the city to dispose of green waste in an effort to establish a green waste-receiving program at the District, if needed.

October 2014 – April 2015: Conduct a pilot program utilizing Gore Cover Technology for composting biosolids with woodchips. The biosolids compost product will aid in the District's goal to increase the percentage of biosolids utilized in Cook County versus other counties.

April 2015: Present project to purchase compost equipment to the vetting panel.

May 2015: Obtain a full-scale proposal for establishing a biosolids composting program utilizing Gore Cover Technology at LASMA and CALSMA. M&O will obtain estimates for a pilot composting test utilizing Gore Cover Technology, expected to improve composting operations in cold and wet weather seasons. M&O will also obtain a full-scale proposal for establishing a biosolids composting program utilizing Gore Cover Technology at LASMA and CALSMA.

June 2015: Present project to purchase compost equipment to the Executive (Vetting)Team

August 2015: Advertise Contract 15-605-21 "Furnish and Deliver Two Windrow Turners and One Screener to LASMA and CALSMA.

October 2015: Begin composting with new equipment.

Tracking Progress

Quarterly reporting on the Action Plan Tasks and # of tons of compost made.

Responsible persons

Section 651 Managing Civil Engineer

Section 652 Principal Engineer

Funds/Resources

Funds available in 2015 Budget for equipment purchase.

Target Date

December 2018

Executive Director's Goals and Objectives for 2014 – 2018 (cont.)

Goal – Start a Tree Farm and Native Prairie Landscape Nursery at Hanover Park's Fischer Farm

Objective

Re-canopy the area where ash trees were removed due to infestation. Make Native Plants and forbs available to the public.

Description

Grow a variety of trees for the purpose of transplanting in the area to replace ash trees removed due to infestation of the emerald ash borer. Grow Native Prairie plants and forbs to be used in rain gardens.

Measurability

Timeline to RFP. See Action Plan.

2016: Award Contract Services: Design, Build, Operate and Market a Tree Farm and NPL Nursery"

2016: Planting begins.

2017: To be determined after feasibility study

2018: Tree harvesting begins

Affect on Production

None

Relevant EMS Outcomes

Improved public image, Enhanced public awareness and understanding

Improved relationships with interested parties, environmental performance

Action Plan

3rd Quarter 2015: Award a contract to perform a Feasibility Study

4th Quarter 2015: Create an RFP

1st Quarter 2016: Award RFP

2nd Quarter 2016: Implement RFP

Tracking Progress

Quarterly reporting on the Action Plan Tasks

Responsible persons

Section 651 Managing Civil Engineer

Section 123 Supervising Environmental Soil Scientist

Funds/Resources

Amount of funds needed will be identified with the feasibility study and added at a later date.

Target Date

December 2018