

Executive Director's Goals and Objectives for 2017 - 2019

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:

2016: 25%

2017: 30%

2018: 35%

2019: 50%

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 and quality management practices.

Action Plan

M&R Planning Section will study new processes to increase Class A production of biosolids derived products, such as composted biosolids. The Engineering Department will design, bid out and implement the new processes by December of 2018 in an effort to achieve 50% Controlled Solids Utilization in 2019.

M&R will continue to market biosolids and composted biosolids to commercial users.

The Public Affairs Section will continue to develop tools to educate potential users in Cook County. Post biosolids content on MWRD's website, 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. 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 engineers) discussing various aspects of biosolids production and application.

Executive Director’s Goals and Objectives for 2017 - 2019 (cont.)

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.

Year	Controlled Solids Distribution/District Utilization		Farmland Application/ Beneficial Reuse		Total Utilization
	% of Total Utilization		% 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 Engineer
 Section 129 Principal Civil Engineer
 Section 072 Public Affairs Specialist
 Section 123 Supervising Environmental Soil Scientist
 Director of Engineering, Assistant Director of Engineering
 Director of M&O, Assistant Director of M&O (D600)

Funds/Resources

Have not been identified

Target Dates

December 2019

Executive Director's Goals and Objectives for 2017 - 2019 (cont.)

Goal – Increase Production of Composted Biosolids

Objective

Increase the amount of Class A Biosolids derived products for utilization.

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 20,000 tons at LASMA/CALSMA

2018: Target of 30,000 tons at LASMA/CALSMA

2019: Target of 100,000 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

2016: Award Contract 16-XXX-XX "Furnish and Deliver Two Windrow Turners and One Screener" to LASMA and CALSMA. (Completed)

April 2017: Award Contract 16-XXX-XX "Furnish and Deliver One Windrow Turner" to LASMA. (Completed)

November 2017: Award Contract 17-XXX-XXX "Sale of Composted Biosolids"

January 2018: Advertise Request for Proposals to market/distribute compost and to receive woodchips.

June 2018: Award Request for Proposals to market/distribute compost and to receive woodchips.

June 2018: Award Contract 16-XXX-XX "Furnish and Deliver One Screener to CALSMA".

The Engineering Department will design and construct Covered Composting System at CALSMA by December of 2018 in an effort to achieve production goals set. (Design Completed)

Tracking Progress

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

Executive Director's Goals and Objectives for 2017 - 2019 (cont.)

Responsible persons

Section 651 Managing Civil Engineer

Section 652 Principal Engineer

Section 129 Principal Civil Engineer

Director of Engineering, Assistant Director of Engineering

Director of M&O, Assistant Director of M&O (D600)

Funds/Resources

Funds available in 2017 Budget for Windrow Turner

Funds available in 2018 Budget for new compost operations at CALSMA

Funds are not budgeted for new compost operations at LASMA

Target Date

December 2019

Executive Director's Goals and Objectives for 2017 – 2019 (cont.)

Goal – Start a Tree Nursery and Farm 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

See Action Plan.

2017: Award Contract Services: Design, Build, Operate and Market a Tree Farm and NPL Nursery"

2018: Planting begins.

2019: 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

2017: Award Contract to construct and build

2018: Create an RFP to operate and market

Tracking Progress

Quarterly reporting on the Action Plan Tasks

Responsible persons

Section 751 Assistant Engineer of Treatment Plant Operations II

Section 755 Engineering Technician V

Funds/Resources

Budgeted and Available

Target Date

December 2019