



North Central Texas Council of Governments

# WORKSHOP SUMMARY

## Alternatives for Addressing Waste Capacity Challenges Western Region Solid Waste Disposal Capacity Study\*

Thursday, July 29, 2021

10:00 a.m. – 12:30 p.m.

Via Microsoft Teams

[Join Microsoft Teams Meeting](#)

Optional Call-in Number: 1-903-508-4574

Conference ID: 413 280 249#

### Resources and Purpose of Workshop:

- [Alternatives Analysis Technical Report](#)
- [Summary of Alternatives](#)

The objective of the Western Region Solid Waste Disposal Capacity Study (Study) was to gain a better understanding of the long-term solid waste management needs of the western counties of the NCTCOG region, and to develop a menu of potential alternatives to address future landfill capacity challenges. The purpose of this workshop is more thoroughly examine several alternatives recommended in the Study's Alternative Analysis Technical Report.

### Alternatives:

#### 1. Formalize the Policy Advisory Group

The Policy Advisory Group (PAG), comprised of local government representatives from the Western Region, has been meeting periodically over the past year to provide stakeholder input into the Study and its deliverables. This alternative proposes that the PAG formalize with its main task being to facilitate the establishment of the Western Region Solid Waste Management Agency.

The group agreed there was a lack of “buy-in” on the PAG from more smaller Western Region communities, but also county-level representation. The group discussed several options for getting them to the table. Some suggested developing a presentation and taking it on a “road show” throughout the region. Some suggested a lunch meeting. There was also some discussion about the need for the PAG to have focus moving forward.

#### 2. Increase Organics Management Capacity

Organic waste, which includes yard waste, food residuals, and biosolids from wastewater treatment plants, comprises about 40-50% of the waste disposed in the NCTCOG region. Expanding the infrastructure for organics management is an alternative that can could provide significant benefits. Attendees will discuss the potential, desirability, and various means of jointly cooperating on this alternative.

According to a survey completed as part of the Western Region Solid Waste Capacity Study, cities in the region are interested in a regional compost solution. The major concerns brought up by the group for this alternative, however, were: end markets, potential feedstocks and volumes, funding, and the location of a regional compost facility.

\*The Western Region refers to Erath, Hood, Johnson, Palo Pinto, Parker, Somervell, Tarrant, and Wise Counties. This study is funded through a solid waste management grant provided by TCEQ through NCTCOG. This funding does not necessarily indicate endorsement of the study findings and recommendations.

## **BREAK**

### **3. Increase Landfill Capacity**

According to the Alternatives Analysis Technical Report for the Study, at projected rates of waste disposal, Type I Municipal Solid Waste landfill capacity in the Western Region is projected to be depleted by 2036, and Type IV capacity by 2030. This alternative would increase long-term disposal capacity for the region but takes years of planning and high costs.

The Western Region Solid Waste Capacity Study showed that the Western Region needs an additional 57 tons of disposal capacity to meet 2050 needs, and a landfill can take up to 15 years to permit, construct, and open for operation. The City of Fort Worth has about 20 years of remaining disposal capacity. If there is no replacement, its closure will greatly accelerate the closure of the Arlington Landfill. And, twenty years from now under a “do-nothing” scenario, only the Arlington and Denton landfills will have capacity for the entire the Western Region.

Bryan Griesbach, Twin Oaks Landfill of the Brazos Valley Solid Waste Management Agency (BVSWMA), Inc., presented information about how his agency functions and is funded. The BVSWMA, Inc., was created in 2010 by the Cities of Bryan and College Station because their landfill was running out of capacity. It is a local, non-profit government corporation, created through local transportation code. A new landfill was developed by BVSWMA, Inc., now known as the Twin Oaks Landfill, and it pays a host fee to the county where the landfill is located. The host fee is derived from a gate fee of \$X per ton of waste coming into the facility. Twin Oaks Landfill is self-funded through user fees and is governed by a board. The landfill takes in approximately 1500 Tons/day. When starting operations, flow control was required to assure waste would arrive at facility.

### **4. Increase Availability of Convenience Stations and Recycling Centers**

Attendees will discuss the viability of this alternative for increasing recycling access for residents, especially those who do not have such services available through regularly scheduled collection, and for reducing illegal dumping.

This item was tabled for a future workshop/meeting.

#### Next Steps

- Next meeting in fall
- Draft by-laws to be developed that will include membership structure from both Western Region and the rest of the NCTCOG region
- Both PAG members and NCTCOG to push awareness of issues and work to get additional stakeholders to the next meeting



## North Central Texas Council of Governments

Attendance List: Workshop on Alternatives for Addressing Waste Capacity Challenges  
July 29, 2021

Count	Name	Entity
1	Elena Berg	NCTCOG
2	Brian Boerner	City of Denton
3	Greta Calvery	Waste Management
4	Cassidy Campbell	NCTCOG
5	Michael Carleton	AZ & B
6	Mary Bustamante Cates	City of Irving
7	Dustin Deel	City of Weatherford
8	Jetton Fontenot	TCEQ, Region 4
9	Jonathan Ghysels	Burns and McDonnell
10	Bryan Griesbach	Twin Oaks Landfill, BVSWMA, Inc.
11	Rachel Hering	Keep Texas Recycling
12	Lora Hinchcliff	Living Earth
13	Jeremy Hutt	City of Cleburne
14	Sunanda Katragadda	City of Arlington
15	Edith Marvin	NCTCOG
16	Michael Oden	Aptim Consulting
17	Renee Pearl	NCTCOG
18	Avery Pesek	City of Fort Worth
19	Patricia Redfearn	City of Grand Prairie
20	Howard Redfearn	City of Mansfield
21	Ami Reeder	City of Denton
22	Sonia Samir	Parkhill, Smith, and Cooper, Inc.
23	Jeannie Stacks	Hood County
24	Travis Switzer	City of Irving
25	Bart VanAmburgh	City of Mansfield
26	Risa Weinberger	Risa Weinberger and Associates