Extracted from: *Draft Alternatives Analysis Technical Report*, p. 4, Prepared by AZ & B and Keep Texas Recycling, Prepared for NCTCOG. May 2021.

www.nctcog.org/envir/materials-management/western-region-solid-waste-capacity-study

Table E-1 Summary of Alternatives						
Alternative	Description	Impact on Waste Capacity	Efficiency Improvements	Implementation Complexity	Fiscal Impacts ***	Other Benefits
Formalize the PAG p. 19 of Report	It is recommended that the PAG establish formal bylaws for an on-going PAG that can meet on a regular basis for the purpose of improved communication and to identify cooperative programs.	Low*	Medium	Low	Low	This is an interim step towards development of a WRSWMA. Improved communications will help identify short-term wins. The PAG can set an example for all local governments in the NCTCOG region.
Establish WRSWMA p. 19 of Report	The Western Region Solid Waste Management Agency Inc. is a proposed local government corporation whose goal is to help implement regional projects and programs.	Low*	High	High	Low / Medium	A WRSWMA has the potential to implement a variety of program that will lead to improvements in regional programs.
<u>Cooperative public Information</u> <u>programs</u> p. 24 of Report	Region specific public information programs can reach a wide audience and be implemented more cost-effectively.	Low	Medium	Low	Low	Improved program cost-effectiveness and training will lead to better management of programs.
Cooperative recycling marketing p. 32 of Report	Using existing networks and agencies such as Keep Texas Recycling, identify opportunities for cooperative marketing of recycled materials.	Low	Low / Medium**	Low	Low	Cooperative programs present an opportunity for communities in rural areas to more cost-effectively operate recycling programs.
Increase availability of convenience stations & recycling centers p. 40 of Report	An increase in the number of citizen convenience stations throughout the region can provide more accessible waste disposal options, reducing illegal dumping.	Low	Low / Medium**	Medium	Medium	Offers potential to reduce illegal dumping and recycling options in areas where there is not collection program.
Increase organics management capacity p. 49 of Report	Increase options for managing brush and biosolids in the region. Biosolids disposal is an issue facing several communities due to the anticipated closure of the Weatherford Landfill.	Medium	Medium	Medium	Medium	Compost facilities offer an alternative to landfilling brush and biosolids (sludge).
p. 57 of Report	Several communities in the western region provide similar collection services. Costs may be reduced by negotiating agreements between haulers and multiple cities under one contract.	Low	High	Medium	Low / Medium	Multi-city collection contracts should yield lower costs. Can be a means of establishing flow control to a specific facility.
Cooperative disaster debris management programs p. 65 of Report	Disaster events such as tornadoes occur regularly in the western region. Agreements to manage these events jointly can accelerate recovery.	Low	Medium	Medium	Low	Cooperative action to address storm events can improve recovery times and reduce environmental impacts of disaster events.
Increase transfer station capacity p. 69 of Report	As landfill facilities close, haul costs will increase. Additional transfer station capacity will be needed to reduce the cost of transporting waste long distances.	Low	High	High	High	Transfer stations in certain areas will reduce haul costs and make collection systems more efficient.
Increase landfill capacity p. 80 of Report	The western region has approximately 15-20 years remaining capacity, about the time it takes to identify, permit and construct new capacity. This will have to be accomplished through either expansions of existing sites or the development of a new landfill in the region.	, and the second	High	High	High	Disposal capacity is needed to assure environmentally acceptable disposal of municipal solid waste. Without additional western region capacity, additional strain will be placed on other NCTCOG landfills and impact regional capacity as well.

^{*} By themselves these will not significantly reduce waste but they create an organizational structure that can implement the following recommendations.

^{**} Low in urban settings, Medium in more rural settings

^{***} Low – under \$1 million, Medium \$1 - \$5 million; High over \$5 million