

The purpose of this document is to present the results of stakeholder input for landfill criteria, which the Austin City Council Working Group called on City staff to develop. The table presents the results of several iterations for both descriptions and measures and indicates whether the stakeholder group reached consensus. Although the table presents points for each measure, no consensus was actually reached for all of these particular values. In fact, the total of 96 points leaves 4 points unassigned. Nevertheless, this document is useful in summarizing stakeholder input. (Dates indicate when stakeholders discussed each version of the Descriptions and Measures.)

Regarding use of these criteria, stakeholders generally preferred that the City use the Landfill Scores as an evaluation factor in Request for Proposals (RFP) or as a point of information for the City Council when awarding contracts.

Consensus?		Quantitative?		Criteria	Description Measure	Pts
				1 Carbon Footprint	INTENT: Minimize the generation of landfill gas and beneficially use what is produced in ways that replace carbon-based energy sources.	25
N	Y	1a	Estimated landfill gas collection efficiency	<p>Description: The City will review the landfill’s most recent report in the USEPA’s Facility Level Information on Greenhouse Gases Tool (USEPA FLIGHT; See Notes, below).</p> <p>Measure: The landfill operator will receive a portion of the available points based on the landfill’s Landfill Gas emissions (MTCO_{2e}) [based on the landfill operator’s preference between formula HH6 or HH8] divided by its total waste in place (metric tons).</p>	20	
Y	Y	1b	Onsite use of carbon-free fuel	<p>Description: The landfill operator shall provide information on its use of carbon-free fuels, power, or energy for its landfill fleet or other uses separate from a landfill’s on-site use of landfill gas. This includes but is not limited to solar, wind, hydrogen, or electric technology. This does not include waste-to-energy technologies, except for normally occurring landfill gas-to-energy, not including bioreaction. Use of electric vehicles and carbon-free energy sources is preferred over carbon-based energy sources.</p> <p>Measure: The landfill operator will receive a percentage of the points equal to the landfill’s percentage of total energy use that is carbon-free.</p>	2	
Y	N	1c	Carbon offsets (formerly 2b “Landfill gas beneficial use / energy use”)	<p>Description: The landfill operator shall provide information about any current uses of LFG that occur at the facility. For example, the LFG could be used to produce electricity, fuel vehicles, space heating or it could be fed into a natural gas line for off-site use. In addition, the landfill may provide information on onsite carbon-offset projects that meet accepted protocol for validating, measuring, and monitoring.</p> <p>Measure: The landfill operator will receive credit for LFG beneficial-use or qualifying carbon-offset projects onsite.</p>	3	

Revised 05/23/18 to reflect discussion on criteria description and measurement through 05/14/18



Stakeholder Landfill Criteria

		2 Environmental, Zero Waste, and Sustainability		INTENT: Minimize negative impacts to the environment and implement positive ones.	21
		2a	Permit compliance	Description: The City will review the landfill's Texas Commission on Environmental Quality Compliance History . (See Notes, below.)	
Y	Y		Previous 5-year timeframe	Measure 1: The landfill operator will receive full credit for achieving a High Compliance rating for the most recent 5-year rating period. The landfill will receive no credit for a Satisfactory. (Landfills with an Unsatisfactory compliance rating should not be eligible to receive City-controlled trash.)	3
Y	Y		Prior to previous 5-year timeframe	Measure 2: The landfill operator will receive full credit for achieving a High Compliance rating throughout the TCEQ ratings timeframe prior to the most recent 5-year period. The landfill will receive no credit for a Satisfactory or Unsatisfactory rating.	2
Y	N	2b	Zero Waste / beneficial waste diversion	Description: The landfill operator shall submit a detailed list of activities that promote zero waste and waste diversion. Measure: The landfill operator will receive credit for its activities that reduce disposal of reusable, recyclable, compostable materials or products consistent with the Austin Resource Recovery Master Plan such as, but not limited to, citizen drop-off or reuse stations and onsite processing or composting of materials.	6
N	N	2c	Existing Industrial and Hazardous Waste	Description: The City will review public information on the existence of industrial hazardous waste disposed onsite. Measure: The landfill operator will receive credit for not having industrial hazardous waste disposed onsite.	6
-	N	2d	Exceed regulations or permit requirements	Description: The landfill operator shall provide its policies or procedures that demonstrate where it exceeds TCEQ regulations and permit requirements such as, but not limited to, measures to exclude prohibited waste, manage odors, control vectors, protect ground or surface water, control landfill gas migration, or other environmentally sustainability practices. Measure: The landfill operator will receive credit for exceeding TCEQ regulations and its permit requirements.	4
		3 Operational Safety		INTENT: Minimize the safety risk to the landfill's employees and others onsite.	25
		3a	Safety	Description: The landfill operator shall provide information on its safety training, reporting, inspections, investigations, lost time injuries, workers comp record, and OSHA incident rate for the past five years.	
Y	N		Safety practices	Measure 1: The landfill operator will be credited for having detailed safety training, reporting, inspections, and investigations.	4
-	Y		Safety record	Measure 2: The landfill operator will receive a portion of the available points based on its incident rate for the past five years.	7
Y	N	3b	Emergency procedures	Description: The landfill operator shall provide its procedures to handle unexpected incidents such as chemical releases or fires. Measure: The landfill operator will be credited for having detailed procedures to handle unexpected incidents.	3
Y	N	3c	Efforts to reduce exposure to toxics or other hazards	Description: The landfill operator shall provide information on its policies or procedures to reduce exposure to toxics and other hazards. Measure: The landfill operator will receive credit for its efforts to reduce exposure onsite to toxics or other hazards.	4

Y	Y	3d	Onsite fatalities or catastrophes	Description: The City will review OSHA’s Severe Injury Reports and OSHA’s Fatality Inspection Data . (See Notes, below.)	7
				Measure: The landfill operator will be credited for having no severe injuries, fatalities, or catastrophes for the past five years.	
		4 Community Impact and Social Equity		INTENT: Support and minimize harm to potentially impacted neighboring communities and provide equitable compensation and advancement opportunities.	25
Y	-	4a	Diversity of workforce	Description: The landfill operator will provide the racial and gender breakdown of its landfill employees.	2
				Measure: The landfill will receive a portion of the available points based on the racial, ethnic, and gender breakdown of the landfill’s employees compared to that of the county where the landfill is located.	
		4b	Living wage, benefits, and labor relations	Description: The landfill shall provide documentation showing that all full-time, non-exempt landfill employees earn at least the current living wage and affordable health care protection as set by the City and any history of its labor and collective bargaining.	
Y	N			Measure 1: The landfill operator will receive credit if all of its employees receive at least the current living wage and affordable health care protection as set by the City.	6
N	N			Measure 2: The landfill operator will receive credit for having either a collective bargaining or labor peace agreement.	3
		4c	Commitment to community relations	Description: The landfill operator shall provide recent letters of support that demonstrate good standing with neighboring civic groups or communities that could be impacted by the landfill or that are along the route to the landfill. In addition, the landfill can describe other community-support efforts. The City will also review letters from similar groups in opposition to the landfill’s operations.	
N	N			Measure 1: The landfill operator will receive credit for its community-support efforts as illustrated by recent letters of support and its other community–support efforts. Letters of opposition may offset support letters. [Letters of support and objection must meet certain minimum standards, such as proximity, size and nature of group, its relationship with the landfill, and description and magnitude of landfill’s impact.]	3
N	Y			Measure 2: The landfill will receive credit for TCEQ’s receiving an average of less than 1 complaint per year.	2
N	N	4d	Wasteshed	Description: The landfill shall provide the list of counties that it accepts waste from in its annual TCEQ report.	1
				Measure: The landfill operator will receive credit for not receiving waste from outside the CAPCOG region.	
N	N	4e	City History of opposition to landfill	Description: The City will review the history of the Austin City Council’s opposition to the landfill.	5
				Measure: The landfill operator will receive credit for having no documented opposition by the Austin City Council.	
N	Y	4f	Landfill location demographics	Description: The City will determine the Demographic Index for a 2-mile radius around the landfill based on racial, ethnic, and socio-economic factors using the USEPA’s EJSCREEN) for the most recent census. (See Notes, below.)	3
				Measure: The landfill operator will receive credit if its Demographic index is less than its county’s Demographic Index.	

NOTES:

Criteria 1a. The Facility Level Information on Greenhouse Gases Tool (USEPA FLIGHT <https://ghgdata.epa.gov/ghgp/main.do>) provides access to greenhouse gas data reported to EPA by large emitters, facilities that inject CO2 underground, and suppliers of products that result in GHG emissions when used in the United States.

Criteria 2a. TCEQ determines a compliance rating for each facility annually based on inspections and complaint investigations. Ratings are maintained on a 5 year rolling schedule and are classified as High, Satisfactory or Unsatisfactory with a numerical rating that fits into each of these compliance tiers. See <https://www.tceq.texas.gov/compliance/enforcement/compliance-history>.

Criteria 3d. See OSHA's [Severe Injury Reports](https://www.osha.gov/severeinjury/index.html) at <https://www.osha.gov/severeinjury/index.html>) and OSHA's [Fatality Inspection Data](https://www.osha.gov/dep/fatcat/dep_fatcat.html) at https://www.osha.gov/dep/fatcat/dep_fatcat.html. In addition, see VII. Definitions at <https://www.osha.gov/enforcement/directives/cpl-02-00-137#VII>.

Criteria 4b. The Austin City Council established a Living Wage for certain contractors by adopting Resolution No. 20160324-020 (<http://www.austintexas.gov/edims/document.cfm?id=250908>). The [Living Wage](#) for contracts executed during the city's 2018 Fiscal Year is \$14.00 per hour (<http://www.austintexas.gov/faq/what-citys-living-wage>). In addition, per a Supplemental Bid Document for Living Wage and Benefits, contractors must offer health insurance with optional family coverage for applicable Contractor employees.

Criteria 4f. The USEPA's EJSCREEN (www.epa.gov/ejscreen) is an environmental justice mapping and screening tool. It is based on nationally consistent data and an approach that combines environmental and demographic indicators in maps and reports.