

TECHNICAL REVIEW: MUNICIPAL SOLID WASTE LANDFILLS (MSWLF) and TRANSFER STATIONS (TS)

SP Permit No.:	105325	Company Name:	Santek Environmental of Texas, LLC	APD Reviewer:	John Ma
SP Project No.:	389027	Site/Area Name:	Polk County Regional Waste Management / Polk County Landfill	SP Rule:	Chapter §330, Subchapter U / MSW

GENERAL INFORMATION			
Regulated Entity No.:	RN102668654	Project Type:	Amend
Customer Reference No.:	CN602807695	Date Received by TCEQ:	February 18, 2025
City/County:	Leggett, Polk	Date Received by Reviewer:	February 19, 2025
Physical Location:	3477 Fm 942 W		

CONTACT INFORMATION					
Responsible Official/ Primary Contact Name and Title:	Brady Loesch Area President	Phone No.:	(469) 652-2001	Email:	BLOESCH@REPUBLICS SERVICES.COM
Technical Contact/ Consultant Name and Title:	Christopher Michael Mendenhall Environmental Manager	Phone No.:	(346) 269-2865	Email:	CMENDENHALL@REPU BLICSERVICES.COM

DESCRIBE OVERALL PROCESS AT THE SITE	
Santek Environmental of Texas, LLC operates the Polk County Landfill. The Polk County landfill site is a Type I Category 3 landfill and has submitted an application for a Subchapter U (30 TAC § 330, Subchapter U) Municipal Solid Waste Landfill.	
This site is authorized under Municipal Solid Waste Landfill Standard Chapter §330, Subchapter U Permit No. 105325, as well as General Operating Permit (GOP) 517 No. O-2686 and MSW Landfills Authorization No. 1384A.	
With this Standard Permit Certification update, the site proposes the following changes:	
<ul style="list-style-type: none"> Remove the old open flare from the landfill's emissions sources; Add a new, larger open flare to the landfill's emissions sources; and Add three new 21,000-gallon frac tanks to the landfill's emissions source 	

COMPLIANCE HISTORY EVALUATION	
A compliance history report was reviewed on:	March 4, 2025
Site rating & classification:	14.35 / Satisfactory
Company rating & classification:	14.35 / Satisfactory

COMPLETE EACH SECTION AS APPROPRIATE FOR THE AIR AUTHORIZATIONS AFFECTED BY THIS REVIEW			
GENERAL INFORMATION	YES	NO	COMMENTS
Is confidential information included in the application?		X	
MSW permit number			MSW 1384A
What air authorization is currently being used for the site? Old Standard Exemption (registered or unregistered) PBR (registered or unregistered) Standard Permit New Source Review (NSR) permit under §116.110 Title V GOP Title V SOP			Standard Permit #105325 GOP: O-2686
Are there any Permits by Rule, Standard Exemptions, Standard Permits, NSR permits, or Title V permits to be voided in the IMS database as a result of this Standard Permit Certification?		X	
Are all related projects included in this review?	X		
Is this registration for a MSWLF (landfill) only?	X		
Is this registration for a TS (transfer station) MSW type V only?		X	

FEDERAL RULE COMPLIANCE CHECK	YES	NO	COMMENTS
Check the applicable federal rule.	X		* 40 CFR 62.000
MSWLF or TS capacity			Greater than 2.5 MMg
What are the uncontrolled NMOC emissions from the site?			Greater than 50 Mg/year
Has the landfill been constructed, reconstructed, or modified after May 30, 1991?	X		
Is the LF design capacity > 2.5 MMg or Mm³?	X		
Is the MSWLF site an "existing" landfill subject to § 113, Subchapter D (constructed, modified or reconstructed before May 30, 1991)?		X	

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Is the 40 CFR NSPS § 60, Subpart XXX checklist included in the application?		X	* 40 CFR 62.000
Has Tier 2 testing been performed at the site?	X		
Does the landfill have a gas collection and control system (GCCS)?		X	

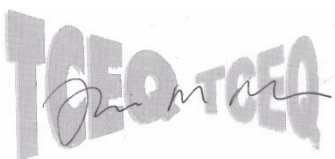

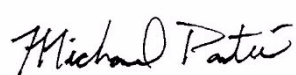
STANDARD PERMIT 30 TAC § 330.981-995 CHECKLIST	YES	NO	COMMENTS
Is the Certification filled out correctly and signed?	X		
Is the Standard Permit Checklist filled out and attached to the Certification?	X		
Is the site a Type IV or Type IV-AE MSWLF?		X	
Is the site located in a non-attainment county?		X	Polk County is in attainment.
Is PSD or Nonattainment netting required?		X	
Is this checklist for a stand-alone transfer station (Type V) not located at a landfill?		X	
For a stand-alone TS constructed or modified under § 330.7 on or after September 1, 2006, does the TS retain > 1,000 tons of household waste overnight and have a ventilated building with a ≥ 45,000 cfm powered vertical exhaust vent 16 feet high?		X	
Does the site have any combustion devices (e.g. flares, stationary engines or turbines, boilers, or heaters)?	X		(1) Flare

ESTIMATED EMISSIONS

EPN / Emission Source	VOC		NOx		CO		PM₁₀		PM_{2.5}		SO₂		HAPs	
	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
New/Updated Emissions														
FLARE2 / Flare	0.03	0.15	1.22	5.36	5.58	24.44	0.31	1.34	0.31	1.34	2.40	10.49	0.14	0.63
SUMMARY OF TANKS	0.04	0.18											0.04	0.18
Previously Authorized Emissions														
LANDFILL / Landfill Gas Emissions (Fugitives)	1.44	6.29	--	--	--	--	1.05	4.62	0.45	1.96	--	--	0.69	3.03
LANDFILL / Landfill Gas Emissions (Non-Fugitives)	4.31	18.87	--	--	--	--	--	--	--	--	--	--	2.07	9.08
WELDING / Welding (Fugitive)	<0.01	0.01	--	--	--	--	0.01	0.04	0.01	0.04	--	--	<0.01	0.01
PCLEAN / Parts Degreaser (Fugitive)	0.08	0.33	--	--	--	--	--	--	--	--	--	--	--	--
EMERGEN / Emergency Generator	0.09	0.41	1.17	5.12	0.25	1.10	0.08	0.36	0.08	0.36	0.08	0.34	0.09	0.41
TOTAL EMISSIONS (TPY):	--	26.24	--	10.48	--	25.54	--	6.36	--	3.70	--	10.83	--	13.33
MAXIMUM OPERATING SCHEDULE: Hours/Year														8760

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	TECHNICAL REVIEWER	PEER REVIEWER	FINAL REVIEWER
SIGNATURE:			
PRINTED NAME:	John Ma	Trishia McDonald	Michael Partee, Manager
DATE:	March 4, 2025	March 4, 2025	March 5, 2025