

# Inspection Report

<b>Facility Name:</b> City Fill Closed Landfill	<b>Inspector:</b> Quyên Keeton & Else Mosier	<b>Inspection Date:</b> December 20, 2022 Tuesday a.m.
<b>Address:</b> 35 <sup>th</sup> and Pacific Ave	<b>City:</b> Tacoma	<b>ZIP Code:</b> 98418
<b>Facility Contact:</b> Hines, Jennifer - JHines@cityoftacoma.org Griffith, Lewis - LGriffit@cityoftacoma.org Sinthavong, Phet - psinthavong@cityoftacoma.org	<b>Phone:</b>	<b>Permit Number:</b> Closed

We conducted an inspection and performed methane monitoring at City Fill closed landfill. Weather conditions were rainy, light wind from the northwest, and a temperature of 38°F.

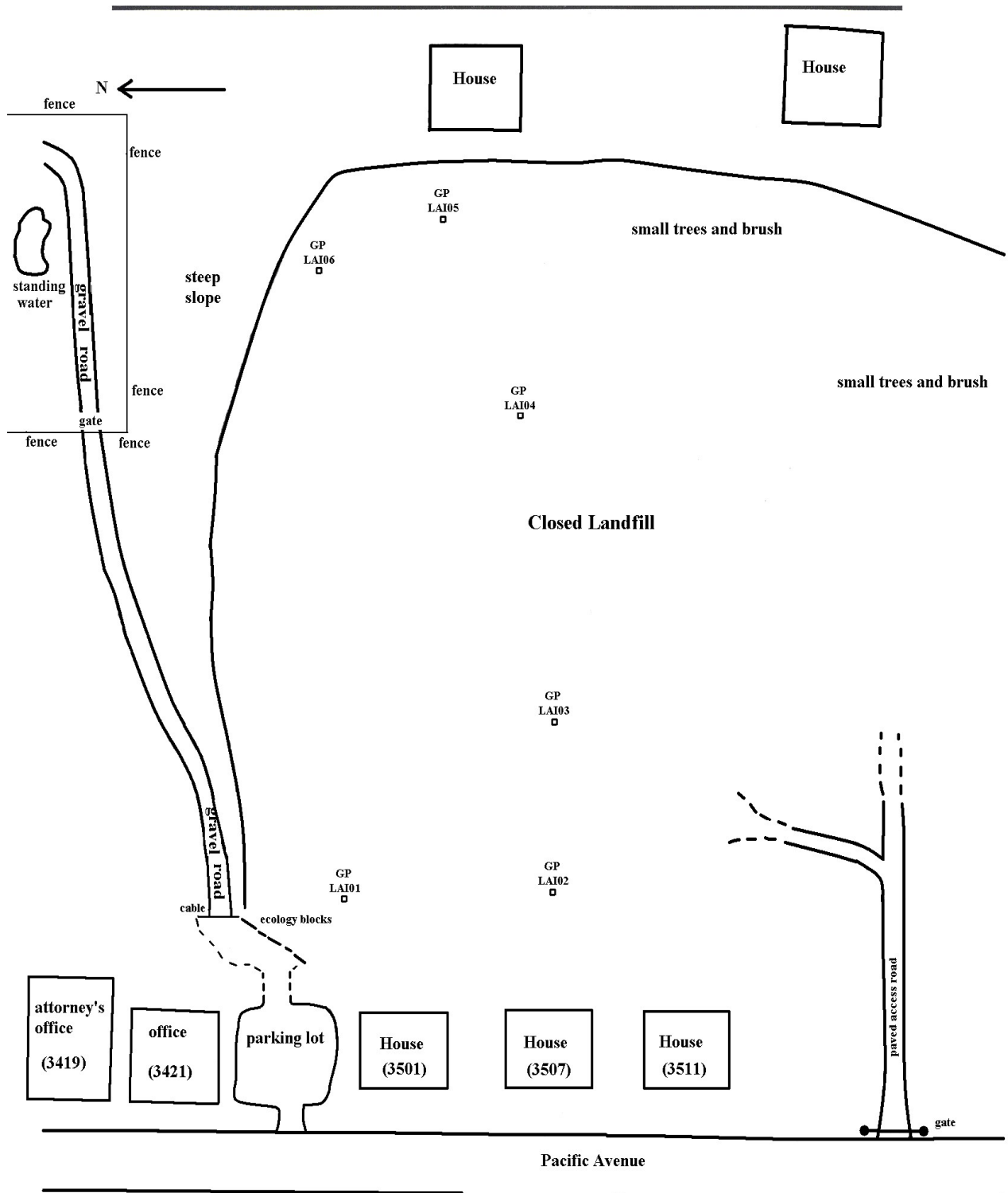
We performed landfill gas monitoring using a Landtec GEM 5000 gas analyzer. We took readings from 6 of the 6 gas probes at the site. We detected methane gas in all 6 locations with elevated methane gas concentrations at 4 locations. These locations have shown elevated levels over the past several monitoring events. Oxygen concentrations were below 20.9% for all 6 locations. We did not detect hydrogen sulfide gas at any locations.

People have moved out of the closed landfill property except for 1 tent on the south side of the property. The ground was very muddy on the west side of the property around probes #1 and #2. We did not see any differential settlement. We did not inspect the face of the landfill for seepage.

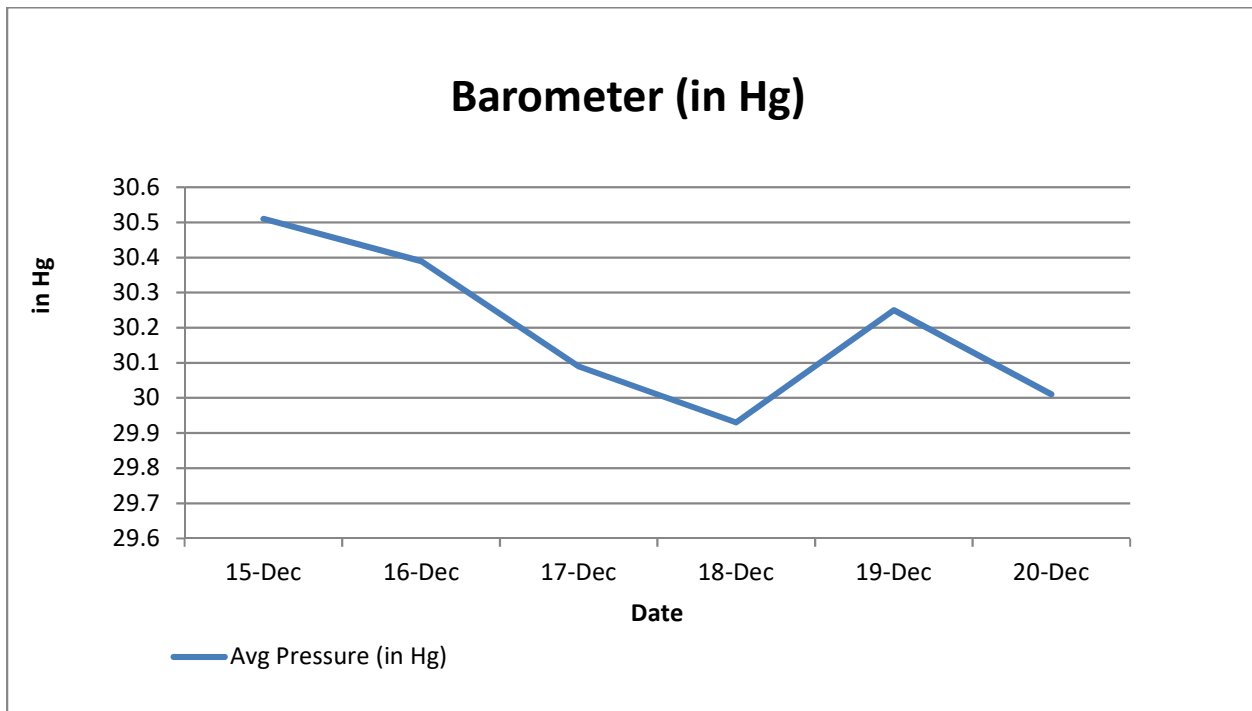
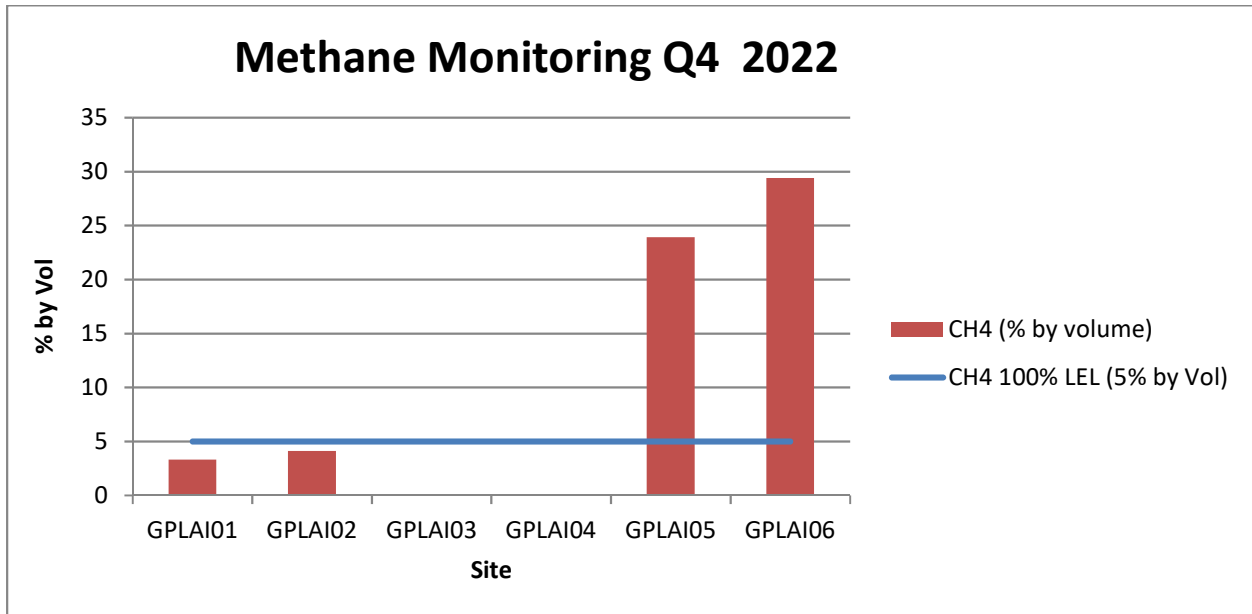
City of Tacoma has transferred the ownership of this closed landfill to Tacoma Community Redevelopment Authority (TCRA). TCRA is going to redevelop the property for residential housing. TCRA has awarded the redevelopment project to Mercy Housing North West. City of Tacoma and TCRA will update Health Department on this process.

Residential and commercial structures are in the vicinity of the landfill. The Health Department recommends monitoring methane concentrations at the property boundary by making boreholes to a depth of 36".

See the attached map, graphs and methane field data sheet for details of the methane monitoring survey.



**City Fill Closed Landfill**



SOLID WASTE INSPECTION PROGRAM							
Facility Name: City Fill CLF			Permit #: Closed		Address: 35 <sup>th</sup> and Pacific Ave		
Date: <u>12/20/2022</u> Technician: <u>Q. Keeton &amp; E. Mosier</u>			Barometric Pressure Start: <u>30.02 inHg</u> Instrument I.D. Number: <u>Landtec GEM 5000</u>				
			Barometric Pressure End: <u>30.02 inHg</u>				
UNIT NAME/PROBE#	TIME	%CH <sub>4</sub>	%LEL	CH <sub>4</sub> PPM	%O <sub>2</sub>	H <sub>2</sub> S PPM	LOCATION DESCRIPTION/COMMENTS
CFCLF001/ GPLAI01	12/20/2022 10:58	3.3	<b>66</b>	<b>33000</b>	0.2	0	
CFCLF002/ GPLAI02	12/20/2022 11:07	4.1	<b>82</b>	<b>41000</b>	0.1	0	
CFCLF003/ GPLAI03	12/20/2022 11:15	0.1	<b>2</b>	<b>1000</b>	5.7	0	
CFCLF004/ GPLAI04	12/20/2022 11:23	0.1	<b>2</b>	<b>1000</b>	12.7	0	
CFCLF005/ GPLAI05	12/20/2022 11:29	23.9	<b>478</b>	<b>239000</b>	0.2	0	
CFCLF006/ GPLAI06	12/20/2022 11:36	29.4	<b>588</b>	<b>294000</b>	0.1	0	