

# Inspection Report

<b>Facility Name:</b> City Fill Closed Landfill	<b>Inspector:</b> Quyên Keeton	<b>Inspection Date:</b> March 17, 2023 Friday p.m.
<b>Address:</b> 35 <sup>th</sup> and Pacific Ave (3501 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

I conducted an inspection and performed methane monitoring at City Fill closed landfill. Weather conditions were sunny, light wind from the northwest, and a temperature of 60°F.

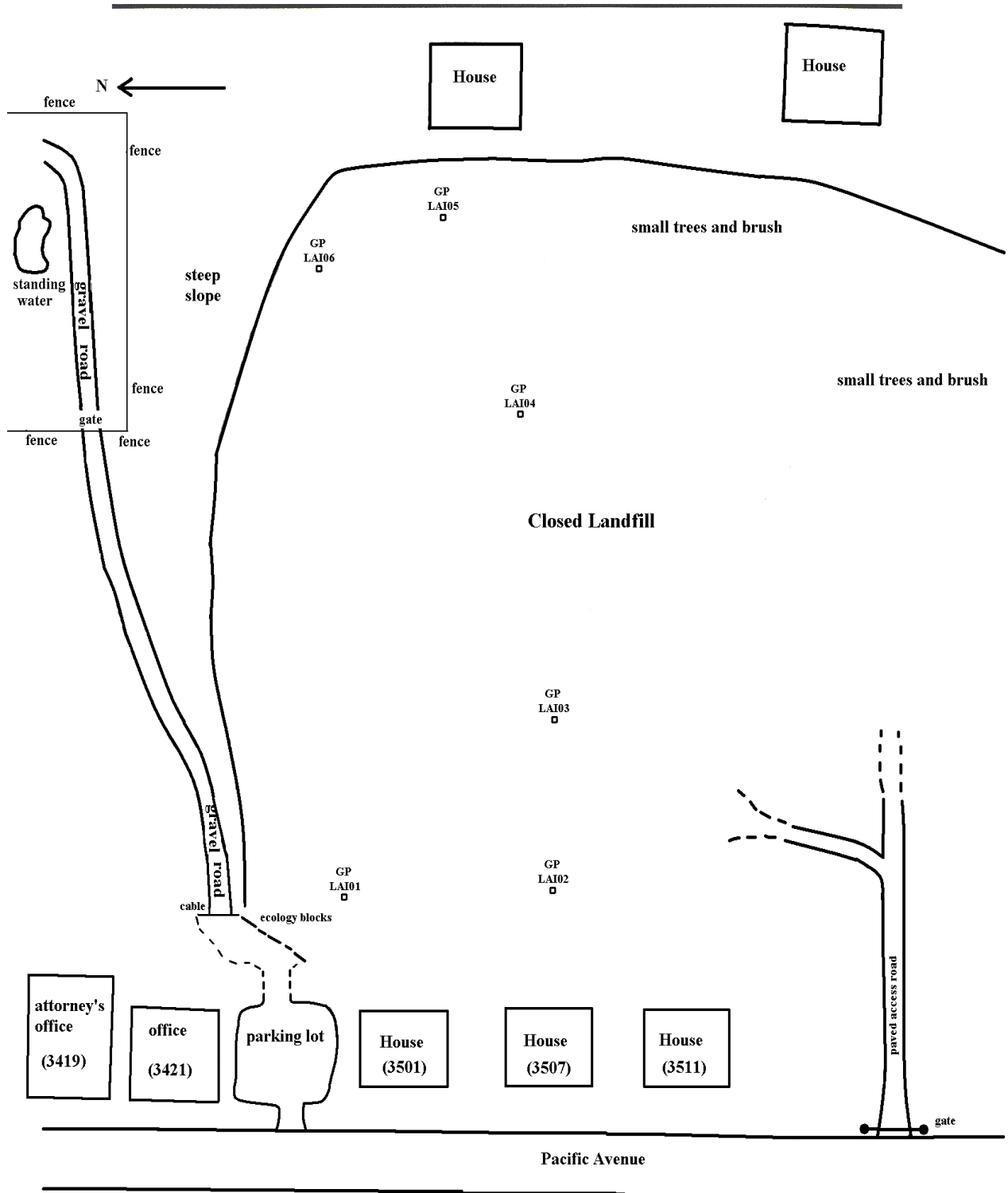
I performed landfill gas monitoring using a Landtec GEM 5000 gas analyzer. I took readings from 6 of the 6 gas probes at the site. I detected methane gas in 4 of the 6 locations with elevated methane gas concentrations. These locations have shown elevated levels over the past several monitoring events. Oxygen concentrations were below 20.9% for all 6 locations. Four locations had 0% oxygen gas. I did not detect hydrogen sulfide gas at any locations.

People have moved out of the closed landfill property, and the property was fully fenced. The ground was still muddy on the west side of the property around probes #1 and #2. I did not see any differential settlement.

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.

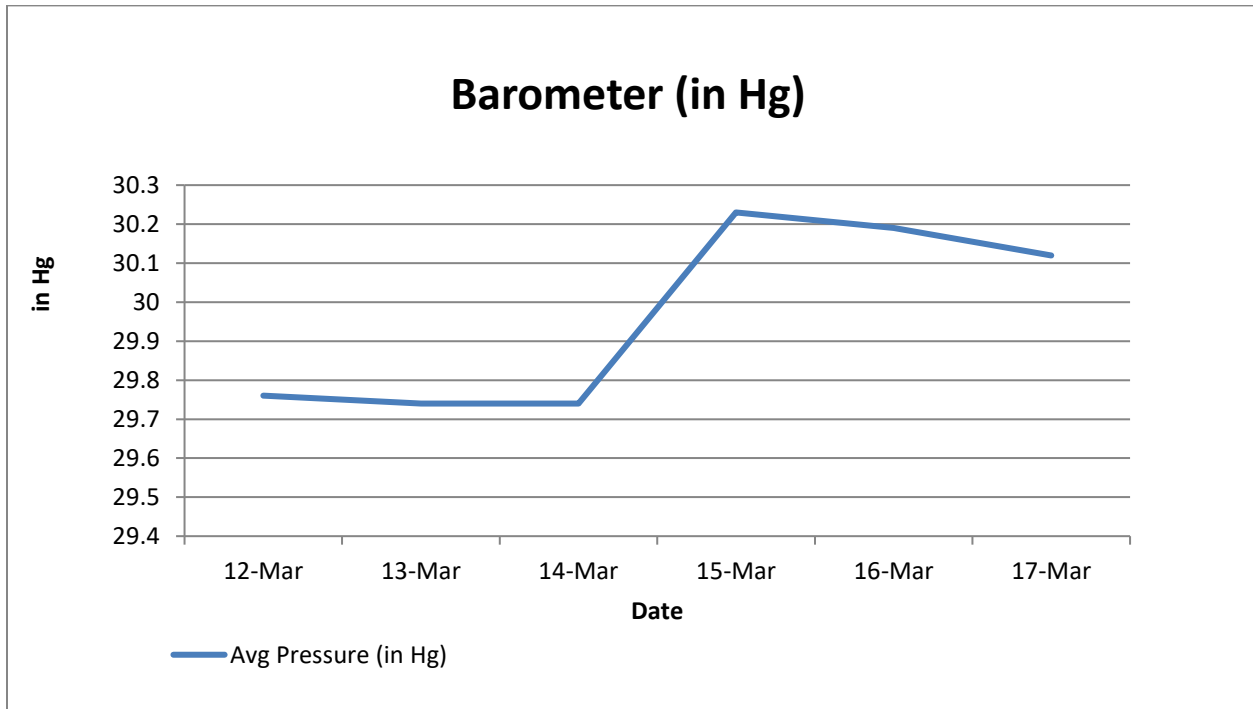
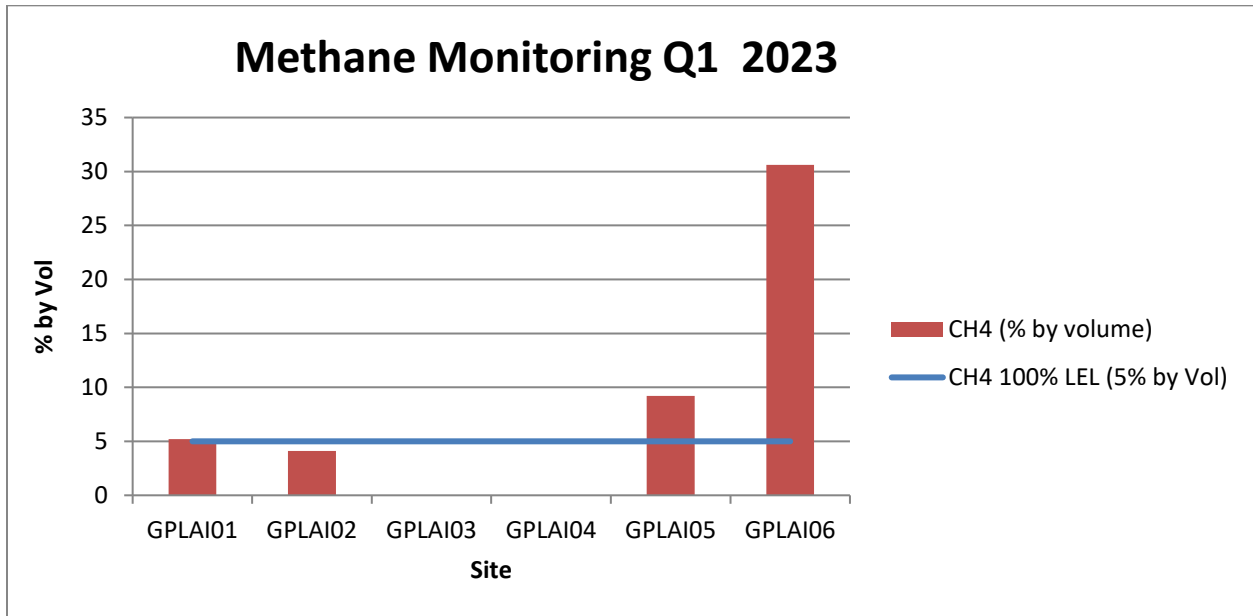
Residential and commercial structures are in the vicinity of the landfill. The Health Department recommends monitoring methane concentrations at the property boundary by making boreholes to a depth of 36".

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



**City Fill Closed Landfill**

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SOLID WASTE INSPECTION PROGRAM							
Facility Name: <b>City Fill CLF</b>			Permit #: <b>Closed</b>		Address: <b>35<sup>th</sup> and Pacific Ave</b>		
Date: <b>3/17/2023</b> Technician: <b>Q. Keeton</b>			Barometric Pressure Start: <b>30.12 inHg</b> Instrument I.D. Number: <b>Landtec GEM 5000</b>				
Barometric Pressure End: <b>30.12 inHg</b>							
GEM5000 ID / 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	3/17/2023 13:24	5.2	<b>104</b>	<b>52000</b>	0	0	
CFCLF002/ GPLAI02	3/17/2023 13:31	4.1	<b>82</b>	<b>41000</b>	0	0	
CFCLF003/ GPLAI03	3/17/2023 13:37	0	<b>0</b>	<b>0</b>	1.3	0	
CFCLF004/ GPLAI04	3/17/2023 13:43	0	<b>0</b>	<b>0</b>	11.8	0	
CFCLF005/ GPLAI05	3/17/2023 13:49	9.2	<b>184</b>	<b>92000</b>	0	0	
CFCLF006/ GPLAI06	3/17/2023 13:54	30.6	<b>612</b>	<b>306000</b>	0	0	