

# Inspection Report

<b>Facility Name:</b> City Fill Closed Landfill	<b>Inspector:</b> Robbie Grieco Dean Williams	<b>Inspection Date:</b> December 12, 2023 Tuesday a.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

We conducted an inspection and performed methane monitoring at City Fill closed landfill. Weather conditions were cloudy and a temperature of 39°F.

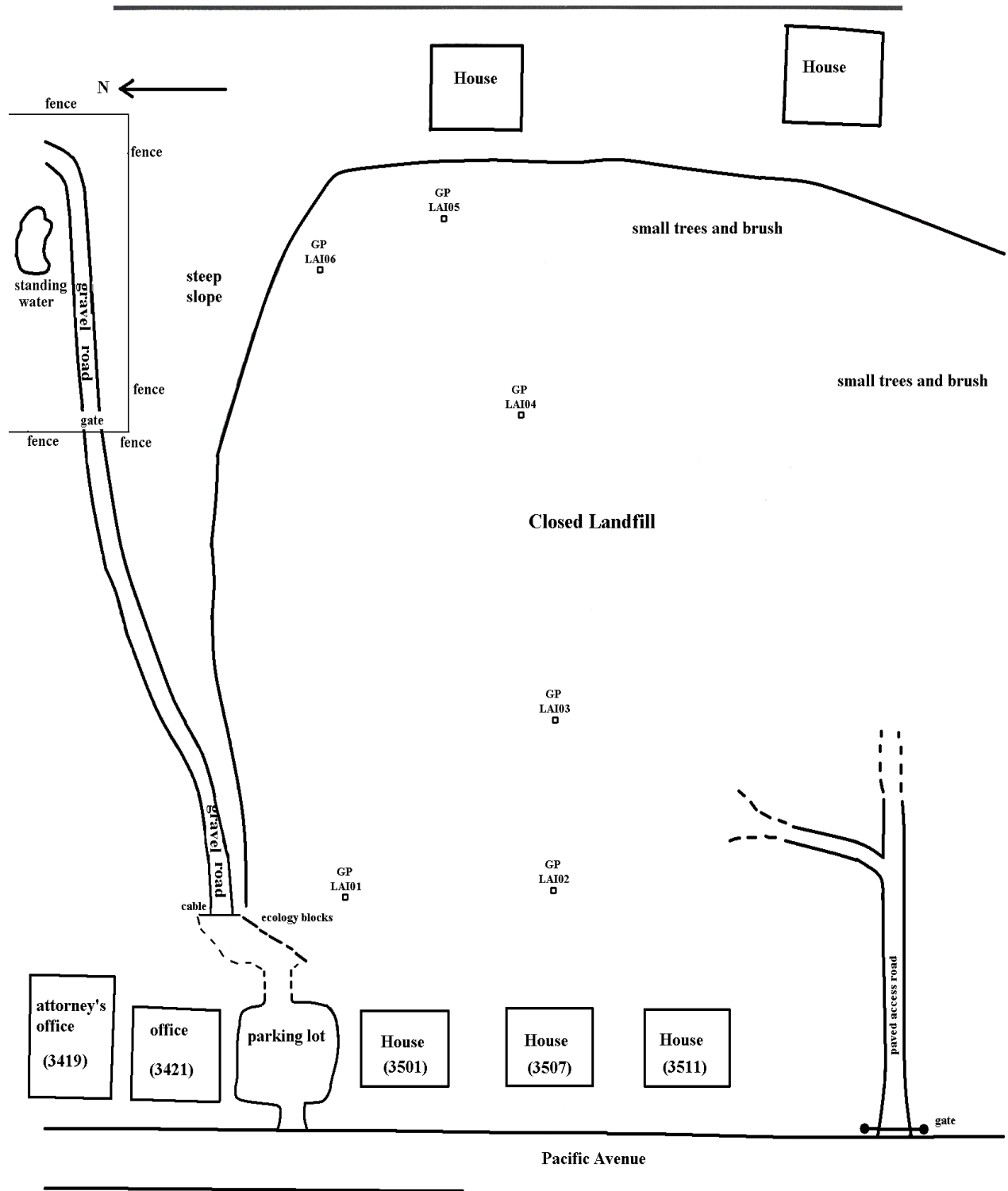
We performed landfill gas monitoring using a Landtec GEM 5000 gas analyzer. We took readings from all six gas probes at the site. We detected methane gas in four of the six locations with elevated methane gas concentrations, with two exceeding the Lower Explosive Limit (LEL) of 5%. These locations have shown elevated levels over the past several monitoring events. Oxygen concentrations were below 20.9% for all 6 locations. We detected hydrogen sulfide in four out of six locations.

People have moved out of the closed landfill property, and the property was fully fenced. Both gate locks were missing, and the gates were left open. The ground was muddy at the property. We 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.

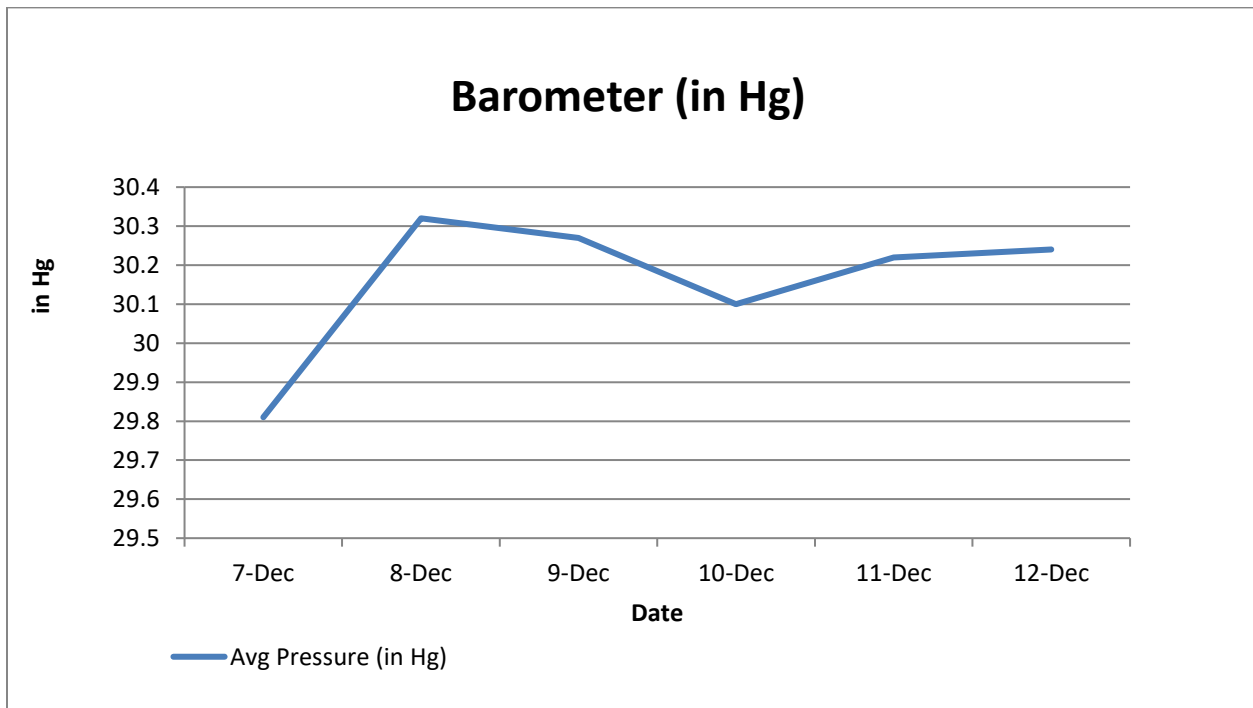
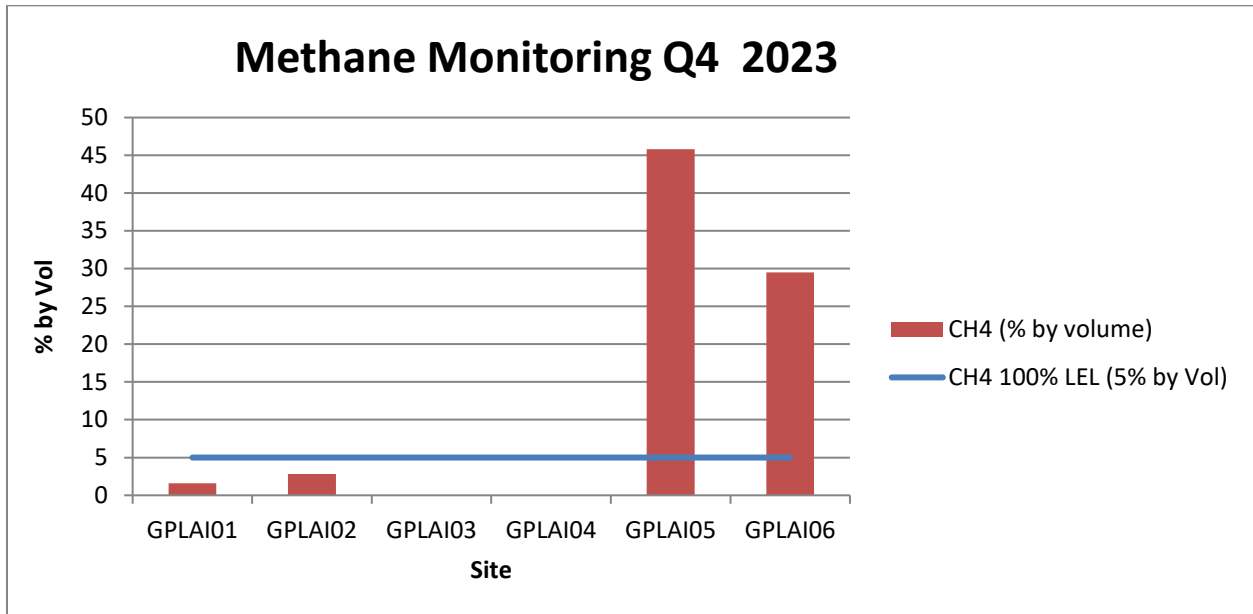
Residential and commercial structures are in the vicinity of the landfill. The Health Department recommends monitoring methane concentrations at the property boundary by making boreholes to a depth of 36".

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



**City Fill Closed Landfill**

# Inspection Report



SOLID WASTE INSPECTION PROGRAM							
Facility Name: City Fill CLF			Permit #: Closed		Address: 35 <sup>th</sup> and Pacific Ave		
Date: <u>12/12/2023</u> Technician: <u>R. Grieco,</u> <u>D. Williams</u>			Barometric Pressure Start: <u>30.22 inHg</u> Instrument I.D. Number: <u>Landtec GEM 5000</u> Barometric Pressure End: <u>30.22 inHg</u>				
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	12/12/2023 9:48	1.6	32	16000	0.1	2	
CFCLF002	12/12/2023 9:56	2.8	56	28000	0	2	
CFCLF003	12/12/2023 10:02	0	0	0	5.9	0	
CFCLF004	12/12/2023 10:09	0	0	0	9.3	0	
CFCLF005	12/12/2023 10:17	45.8	916	458000	0	2	
CFCLF006	12/12/2023 10:21	29.5	590	295000	0	33	