



CITY OF HAYWARD

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Cover Memo

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DATE: January 13, 2020

TO: Council Sustainability Committee

FROM: Director of Public Works

SUBJECT

Review and Comment on the CY 2017 Greenhouse Gas Emissions Inventory Report

RECOMMENDATION

That the Council Sustainability Committee reviews and comments on the CY 2017 Greenhouse Gas Emissions Inventory report.

SUMMARY

The General Plan includes greenhouse gas (GHG) emission reduction targets for the Hayward community. To track progress, staff completes a full community GHG inventory every five years. Due to an opportunity with East Bay Energy Watch (EBEW) and StopWaste, staff completed an interim inventory for 2017 and re-calculated the inventories for 2005, 2010, and 2015 using the same methodology. This report provides the results of calendar year 2017 inventory and compares it to the previous three inventories. The table below summarizes the emissions totals for the five sectors - energy, transportation, BART, off-road, and waste. Emissions are displayed in metric tons of carbon dioxide equivalent (MTC02e).

Table 1: GHG Emissions by Sector (MTC02e)

	2005	2010	2015	2017	% Change *
Energy	375,885	356,830	318,657	261,228	-30.5%
Transportation	636,581	580,238	571,556	553,298	-13.1%
BART	3,440	3,425	4,276	3,994	16.1%
Off-Road	24,345	37,265	68,251	67,348	176.6%
Waste	42,641	37,357	35,649	38,712	-9.2%
Total	1,082,892	1,015,115	998,387	924,581	-14.6%
Hayward Population	140,530	143,921	154,321	161,455	
Total Emissions/Capita	5.2	4.8	4.4	3.9	-23.1%

In 2017, the Hayward community achieved a 14.6% reduction in GHG emissions compared to 2005. Total

per capita emissions were 23.1% lower in 2017 given Hayward's increasing population.

ATTACHMENTS

Attachment I Staff Report