

GFNMS Superintendent's Report

Maria Brown

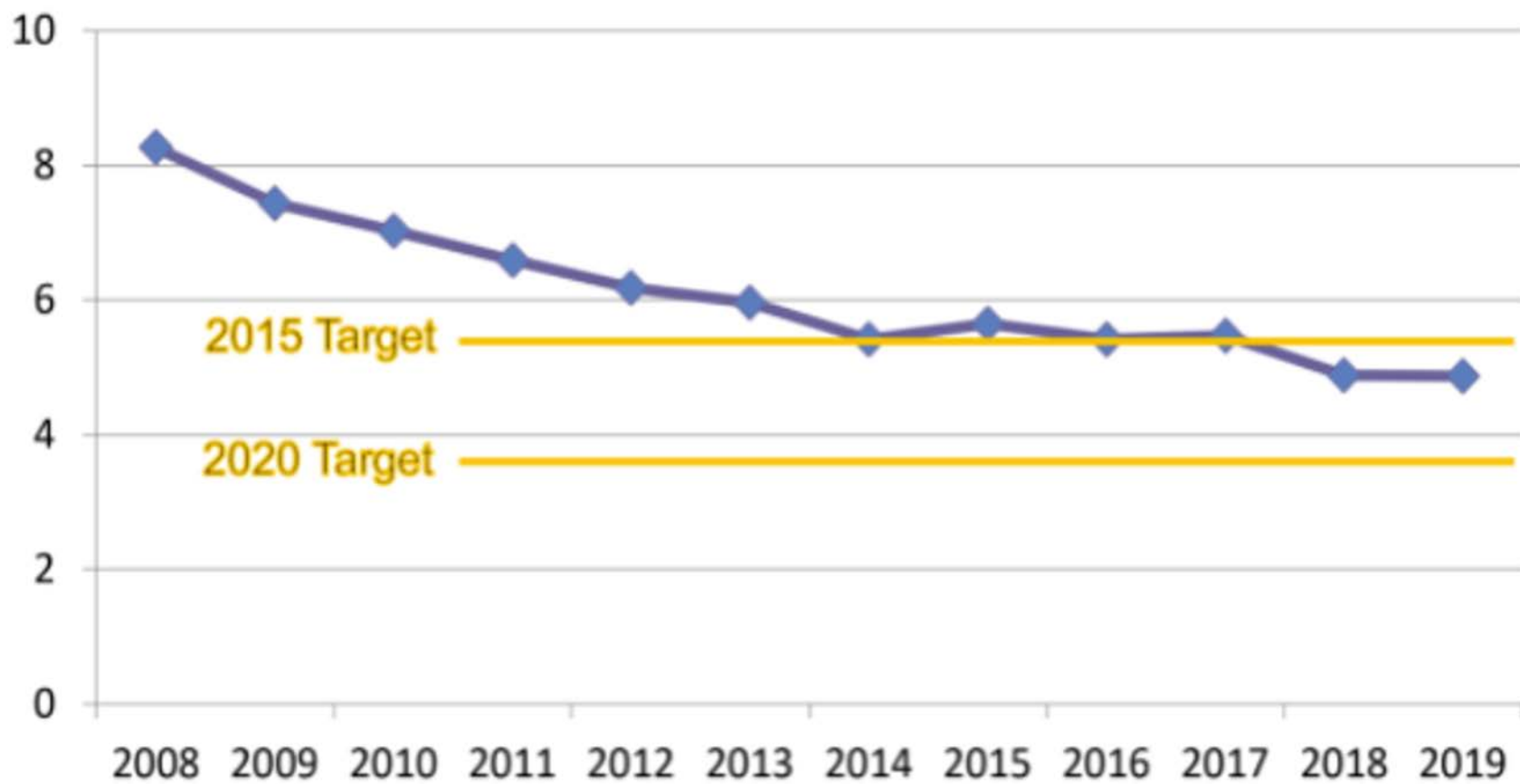


Operations

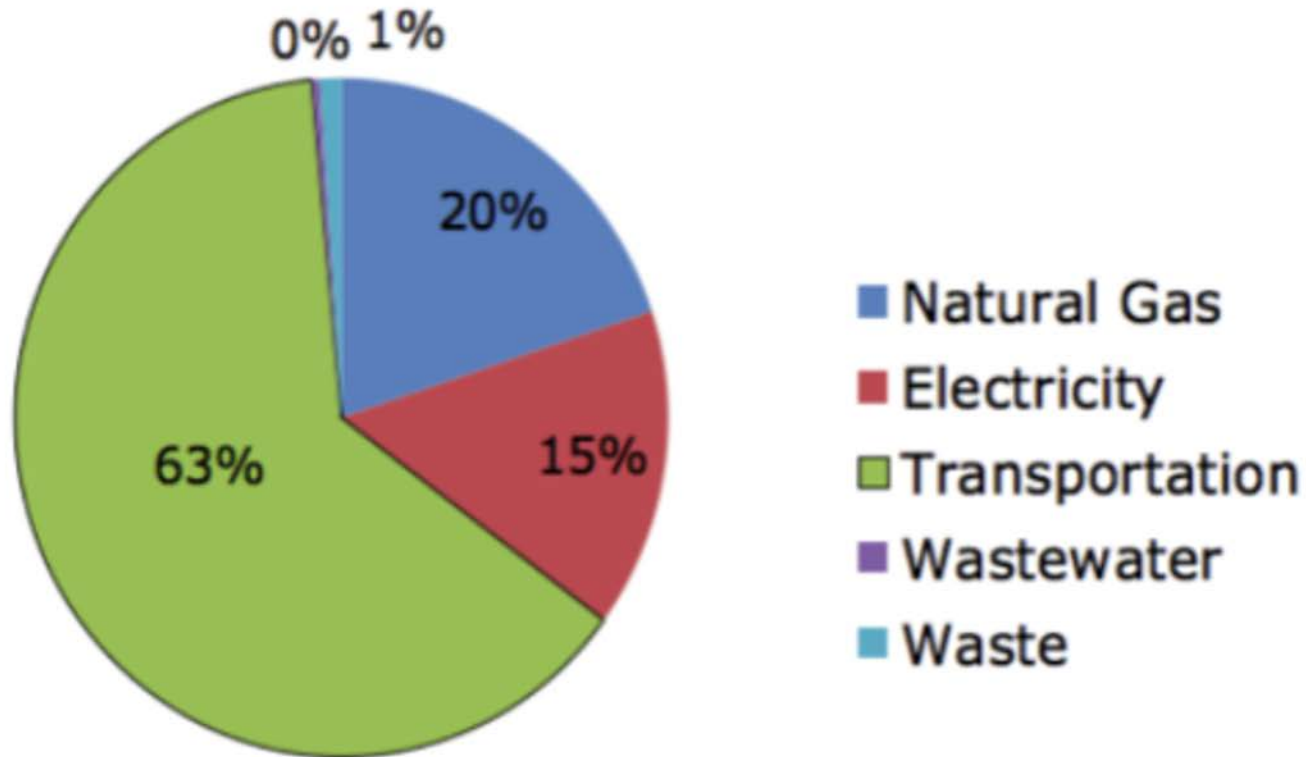
- All staff are teleworking until further notice
- The facilities and Visitor Center are closed to the public
- Still in Phase 0; preparing for Phase 1
- 2019 Emissions Inventory



Per Capita Emissions by Year (MTCO₂E)



2019 Percent of Total Emission by Sector



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Ecosystem Protection

- The Seabird Protection Network held two successful virtual events
- Green crab removal underway in Seadrift Lagoon
- Kelp UAV surveys scheduled for the fall



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Permit Type	Organization	Project	Effect. Date
Research	Moss Landing Marine Labs	EPA National Coastal Condition Assessment (NCCA) – 2020 (Within GFNMS, at one location in Tomales Bay, in Marin County)	May 21, 2020
Research	Bodega Marine Lab	Tomales Bay Water Quality Buoy (Within GFNMS, in Tomales Bay, near Chicken Ranch Beach, in Marin County)	June 24, 2020
Research	Stanford University and Oregon State University	Ecology and Population Dynamics of Sharks in the Northeastern Pacific (At multiple sites within MBNMS and GFNMS)	July 2 and July 29, 2020
Research	Sea Ranch Coastal Task Force	Using Micro-Unmanned Aerial System Flights to Monitor Coastal Seabird Nesting Activity at Gualala Point Island (GPI) (Within GFNMS, at Gualala Point Island)	July 2, 2020
Research	Coastal Monitoring Associates	Timer Release for Rope-less Traps (Within GFNMS, within Bodega Bay)	August 5, 2020
Letter of Authorization (LOA) under Super's Permit	Marin County Parks	Removal of two Monterey pines from Bolinas Lagoon (Within GFNMS, in Bolinas Lagoon)	July 2, 2020

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Under Review

TBD	Stanford	The sandy beach microbiome: physical, chemical and biological controls on diversity and function (Within GFNMS at Stinson Beach)	TBD
TBD	Greater Farallones Association and Nature Conservancy	Unmanned Aerial System surveys of bull kelp canopy along Sonoma and Mendocino county coastline (9 sites within GFNMS NOAA Regulation Overflight Zones 1 and 2 along the Sonoma Coast)	TBD
TBD	Ocean Safaris LLC	Ocean Safaris offering educational eco-tourism to the Gulf of the Farallones to view White Sharks for the general public (Southeast Farallon Island)	TBD
TBD	Bodega Marine Reserve and Laboratory	Programmatic Research Permit for Bodega Marine Reserve (Within GFNMS, offshore of the BML; various locations along the adjacent Sonoma coast)	TBD

MULTI-PERMITS ISSUED BY OTHER ONMS SITES FOR WORK WITHIN GFNMS MANAGEMENT AREA (all reviewed by GFNMS permit coordinator prior to issuance)

Research	U.S. Geological Survey	Assessing sediment dynamics changes from human activities and storm impacts to the shoreline and sea cliffs of Monterey Bay National Marine Sanctuary (Within MBNMS)	May 11, 2020
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Conservation Science

- Beach Watch surveys resumed in July
- Nautilus cruise scheduled for the fall. Public can view via NautilusLive.org
- July ACCESS cruise cancelled



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Online Education

- Spring 2020 virtual classroom
- 3 summer camps completed online:
 - WAVES with Seven Tepees Youth Program
 - Marine Explorers Camp
 - Mission Y
- Virtual Get Into Your Sanctuary events: 321 people tuned in
- Upcoming virtual Sharktoberfest: Sept 26

