

National City Marina District



(MCAS) Maritime Clean Air Strategy

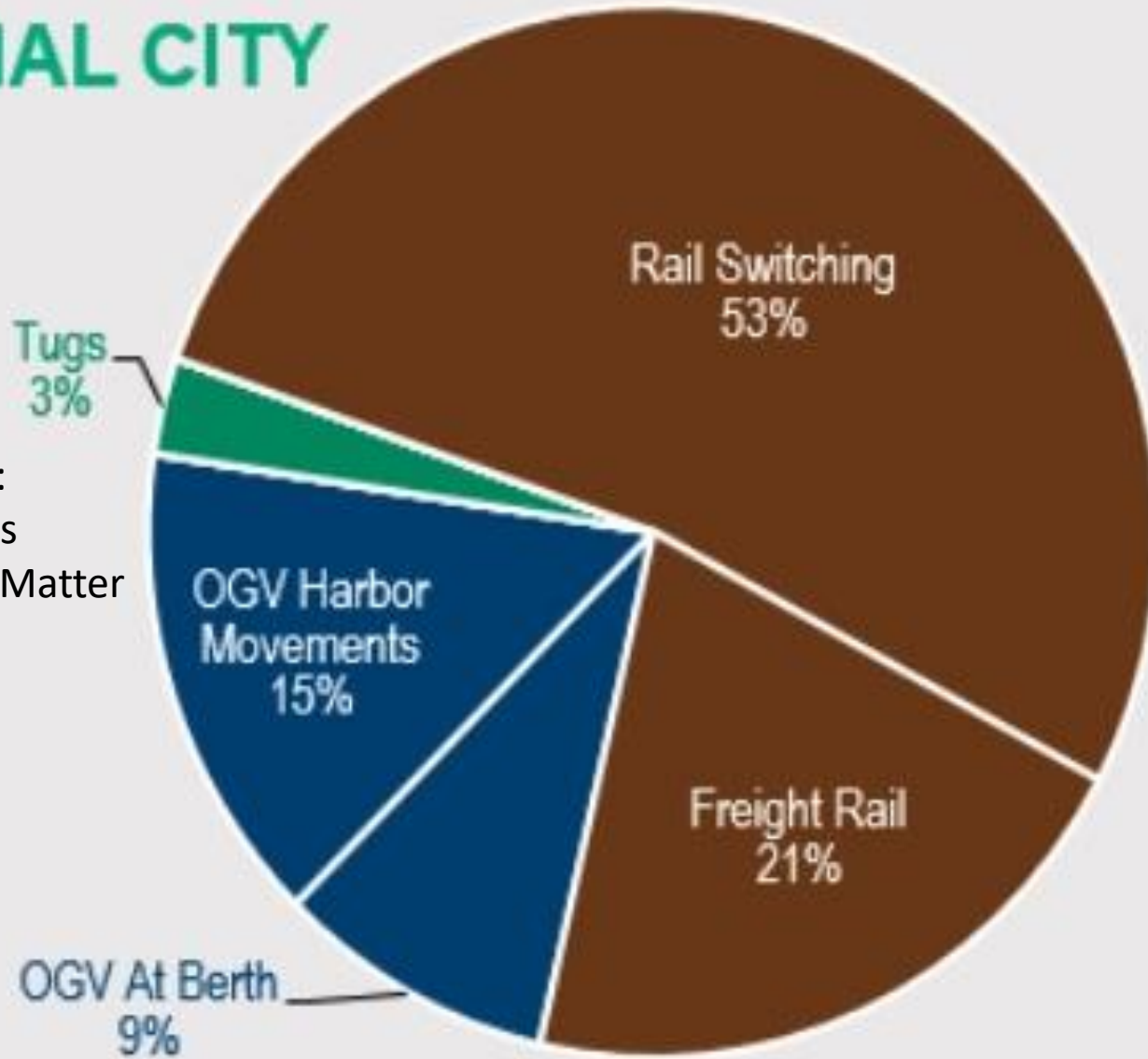
TABLE 2: MAXIMUM RESIDENTIAL CANCER RISK BY COMMUNITY AND FORECASTED CANCER RISK REDUCTION WITH MCAS FOR 2026 AND 2030 EMISSION SCENARIOS

Community Area	Maximum Cancer Risk (per million)			Percent Reduction from 2019 Baseline	
	2019 Baseline	Forecasted 2026 with MCAS	Forecasted 2030 with MCAS	2026 with MCAS	2030 with MCAS
National City	20.6	14.4	11.9	-30%	-42%
Barrio Logan	19.7	11.7	10.5	-40%	-46%
Downtown	18.9	16.6	16.4	-12%	-13%
Coronado	16.0	9.3	8.2	-42%	-49%

NATIONAL CITY

11.9

per million



Burning of fossil fuels:

1. Toxic Air Chemicals
2. Diesel Particulate Matter

NATIONAL C

20.6

per million

Tugs
2%

Ferri
0.19

EHC reported:

Asthma Admits and ER visits 12/22

Zip Code	Asthma Hospitalizations		Asthma ED Visits		Name
	Number	Rate	Number	Rate	
91901	0	0.0	<11	N/A	ALPINE
91902	<11	N/A	<11	N/A	BONITA
91905	0	0.0	<11	N/A	BOULEVARD
91906	0	0.0	<11	N/A	CAMPO
91909	0	0.0	<11	N/A	CHULA VISTA (POB)
91910	<11	N/A	60	34.2	CHULA VISTA
91911	11	N/A	58	27.0	CHULA VISTA
91912	0	0.0	<11	N/A	CHULA VISTA (POB)
91913	0	0.0	20	12.7	CHULA VISTA
91914	<11	N/A	<11	N/A	CHULA VISTA
91915	0	0.0	11	N/A	CHULA VISTA
91916	<11	N/A	<11	N/A	DESCANSO
91931	0	0.0	<11	N/A	GUATAY (POB)
91932	<11	N/A	16	24.5	IMPERIAL BEACH
91935	0	0.0	<11	N/A	JAMUL
91941	<11	N/A	15	21.4	LA MESA
91942	<11	N/A	20	26.9	LA MESA
91945	<11	N/A	21	32.6	LEMON GROVE
91950	16	10.6	70	47.0	NATIONAL CITY
91951	0	0.0	<11	N/A	NATIONAL CITY (POB)
91977	<11	N/A	57	38.3	SPRING VALLEY
91978	0	0.0	<11	N/A	SPRING VALLEY
92007	0	0.0	<11	N/A	CARDIFF-BY-THE-SEA
92008	<11	N/A	<11	N/A	CARLSBAD
92009	<11	N/A	<11	N/A	CARLSBAD
92010	0	0.0	<11	N/A	CARLSBAD
92011	<11	N/A	<11	N/A	CARLSBAD
92014	0	0.0	<11	N/A	DEL MAR
92019	<11	N/A	16	18.3	EL CAJON
92020	<11	N/A	28	19.0	EL CAJON
92021	<11	N/A	47	29.8	EL CAJON
92024	<11	N/A	<11	N/A	ENCINITAS
92025	<11	N/A	31	22.6	ESCONDIDO
92026	<11	N/A	<11	N/A	ESCONDIDO
92027	<11	N/A	22	14.8	ESCONDIDO
92028	<11	N/A	15	13.8	FALLBROOK

Hazard Quotient for ASTHMA

TABLE 3: RESIDENTIAL CHRONIC HAZARD QUOTIENT BY COMMUNITY AREA

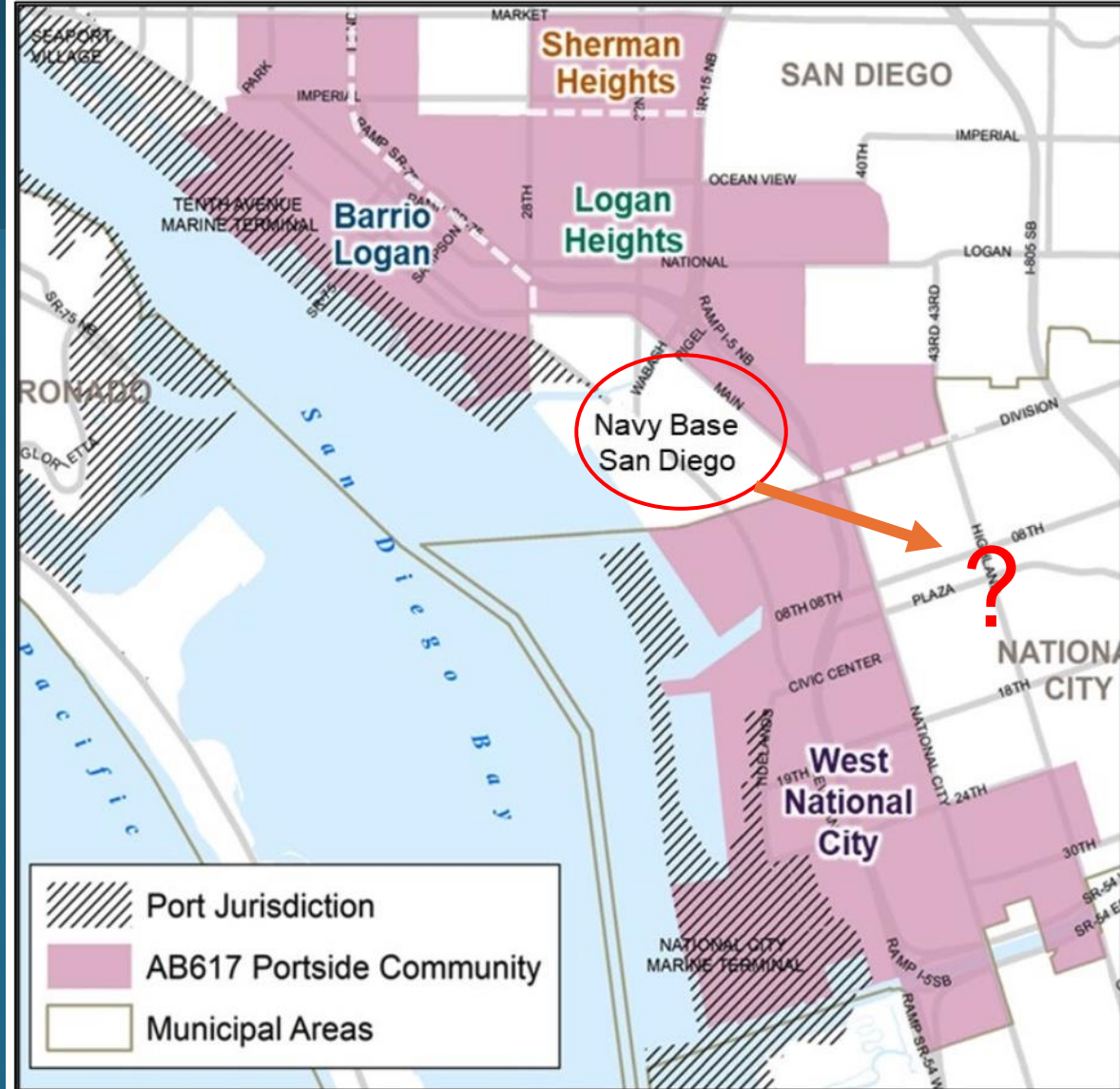
Community Area	Chronic Hazard Quotient		
	2019 Baseline	Forecasted 2026 with MCAS	Forecasted 2030 with MCAS
Barrio Logan	0.005	0.003	0.003
Downtown	0.005	0.004	0.004
Coronado	0.004	0.003	0.002
National City	0.006	0.004	0.003

A hazard quotient is the ratio of the potential exposure to a substance and the level at which no adverse effects are expected.

“Only part of the Story.”

Port of San Diego
Health Risk Assessment

FIGURE 1: PORTSIDE COMMUNITY BOUNDARY



2. MOU Between SDUPD and SD APCD, 2024-330

List of Abbreviations and definitions

1. SDUPD – San Diego Unified Port District
2. SD APCD – San Diego Air Pollution Control District
3. MCAS - Maritime Clean Air Strategy
 1. National City Terminal
 2. 10th Ave San Diego Terminal
4. Portside CERP – Portside Community Emissions Reduction Plan
5. Portside Communities:
 1. Barrio Logan
 2. Sherman Heights
 3. Logan Heights
 4. West National City

2. MOU Between SDUPD and SD APCD, 2024-330

- Memorandum of Understanding (MOU) term: 6 years (i.e., 2025-2031)
- MOU Purpose: Support implementation of MCAS and Portside CERP.
 - - Funding for zero emission vehicles, equipment, and supportive infrastructure.
 - \$7Mill for electric cargo handling and electric heavy-duty trucks.
 - - Continue existing programs to reduce emissions, offset maritime industrial impacts, and support environmental recognition program.
 - - Public participation opportunities for Maritime Industrial projects.
 - - Education and outreach as well as new funding opportunities; and

2.MOU Between SDUPD and SD APCD, 2024-330

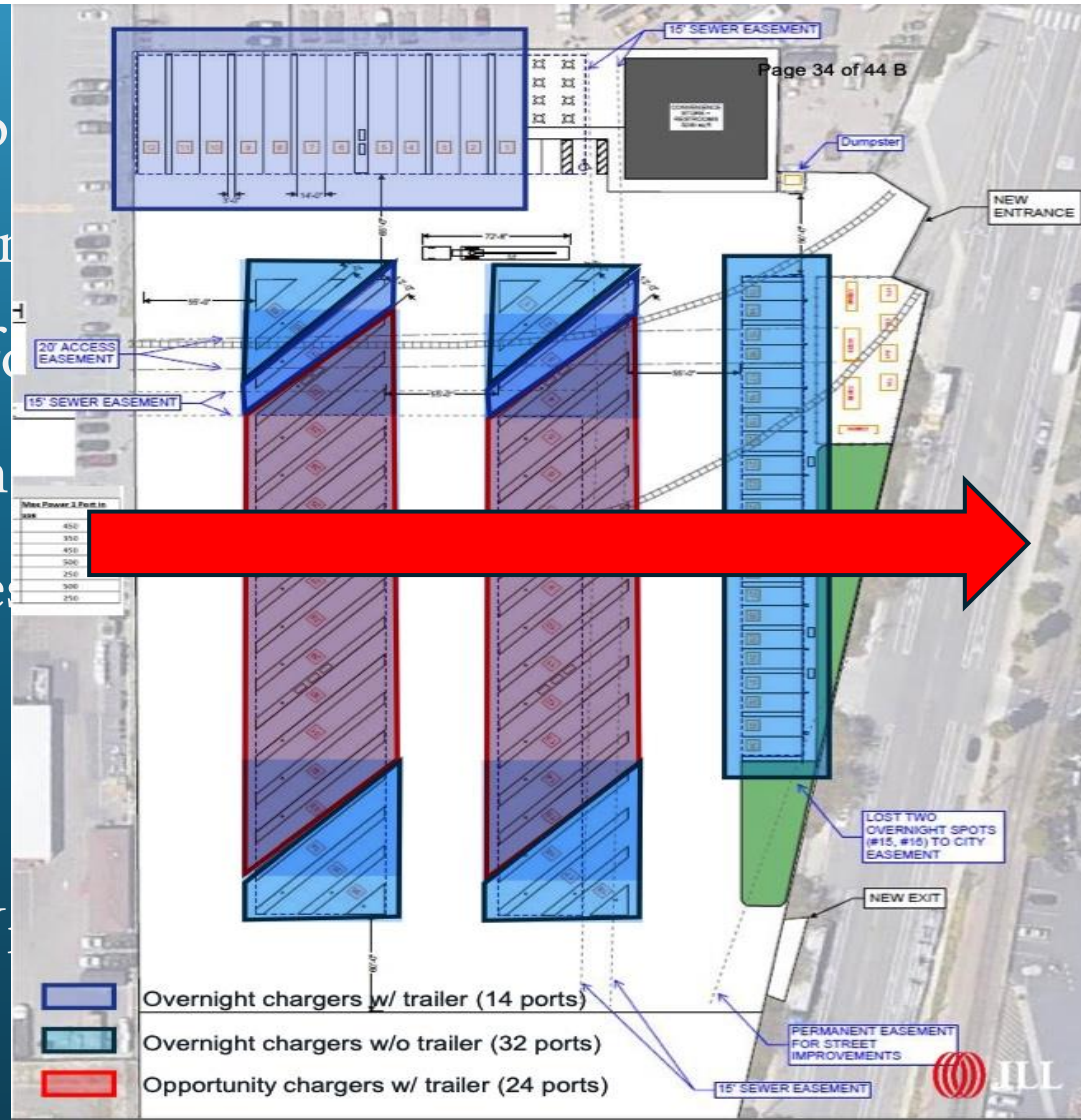
- MOU Next Steps:
 - Presentation to SDAPCD Governing Board on September 12, 2024.
 - Both Boards are generally supportive of the MOU Preliminary Measures.
 - Anticipated future updates on status of MOU in Spring 2025.

3. Zero Emission Truck Stop, 2024-322

- SkyCharger Zero Emission (ZE) truck stop 1640 Tidelands Ave. National City
 - 70 charging ports for commercial trucks with overnight charging.
 - Solar Carport Canopies ~ 1,750 kW
 - Battery Energy Storage System (BESS) ~2 MW
 - Convenience Store
 - Trucker Rest Area including restrooms and showers with Picnic Area
 - Community Benefit
- Port has agreed to perform an Environmental Impact Report

Environmental Impact Report and Mitigation Strategies

- National City will be
- Port will perform EIR
- Evaluate for unf
- EIR will be perform
- Mitigation Strategies
 - Police
 - Fire
 - Trauma/Burn U



op like this.

design development.

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 - Community Benefit
- Port has agreed to perform an Environmental Impact Report.
- Consider sales local tax strategies in the future.

Board of Port Commissioners Tuesday, September 10, 2024

3. Zero Emission Truck Stop, 2024-322

- SkyCharger is offering a Community Benefits Package
 - Educational Community Benefit
 - Trade skills training on the new skills afforded by the truck stop
 - Electrification- EV Charging and Battery Storage
 - Renewable energy- Solar
 - Financial Community Benefit
 - \$150,000 a year
- Several Community Outreach programs
 - To survey the whole community for input

\$8 MILLION OVERHAUL BEGINS, PORT OF SAN DIEGO AND NATIONAL CITY BREAK GROUND ON PEPPER PARK ENHANCEMENTS

 By Jacob Smith

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National City Marina
District

www.portofsandiego.org



Thank You