

IMPERIAL COUNTY & LITHIUM VALLEY



IMPERIAL COUNTY



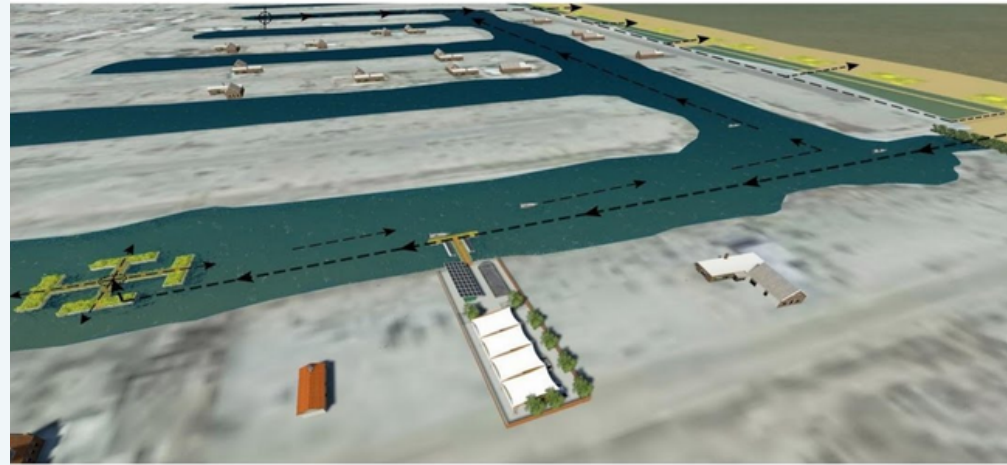
IMPERIAL COUNTY



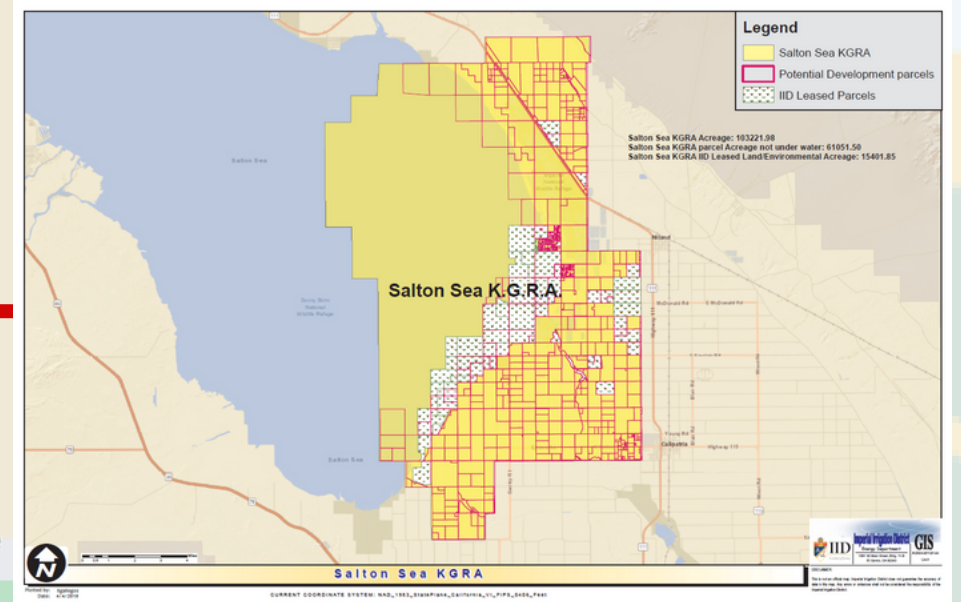
LITHIUM VALLEY



SALTON SEA



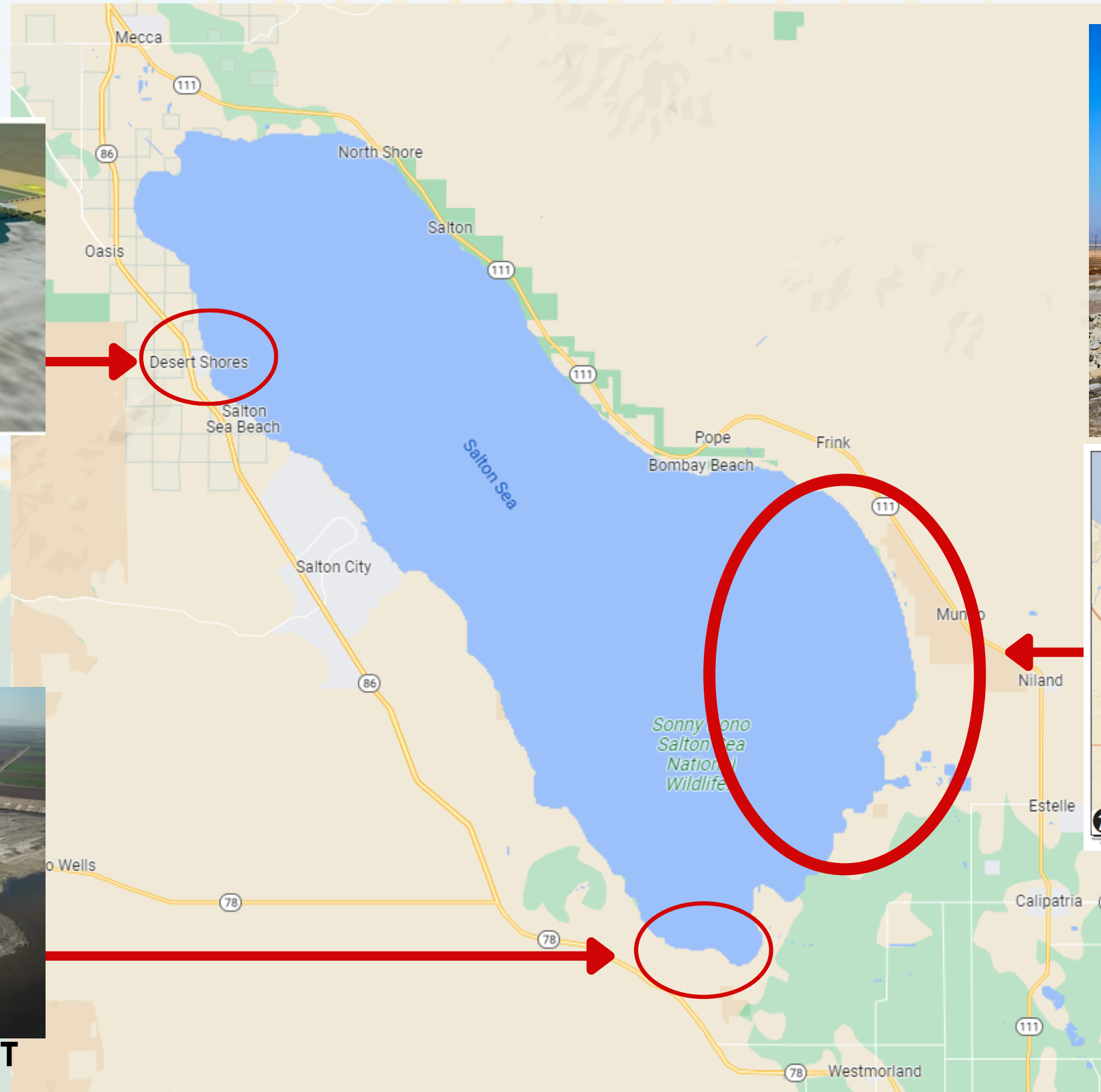
DESERT SHORES RESTORATION PROJECT




KNOWN GEOTHERMAL RESOURCE AREA (KGRA)



SPECIES CONSERVATION HABITAT



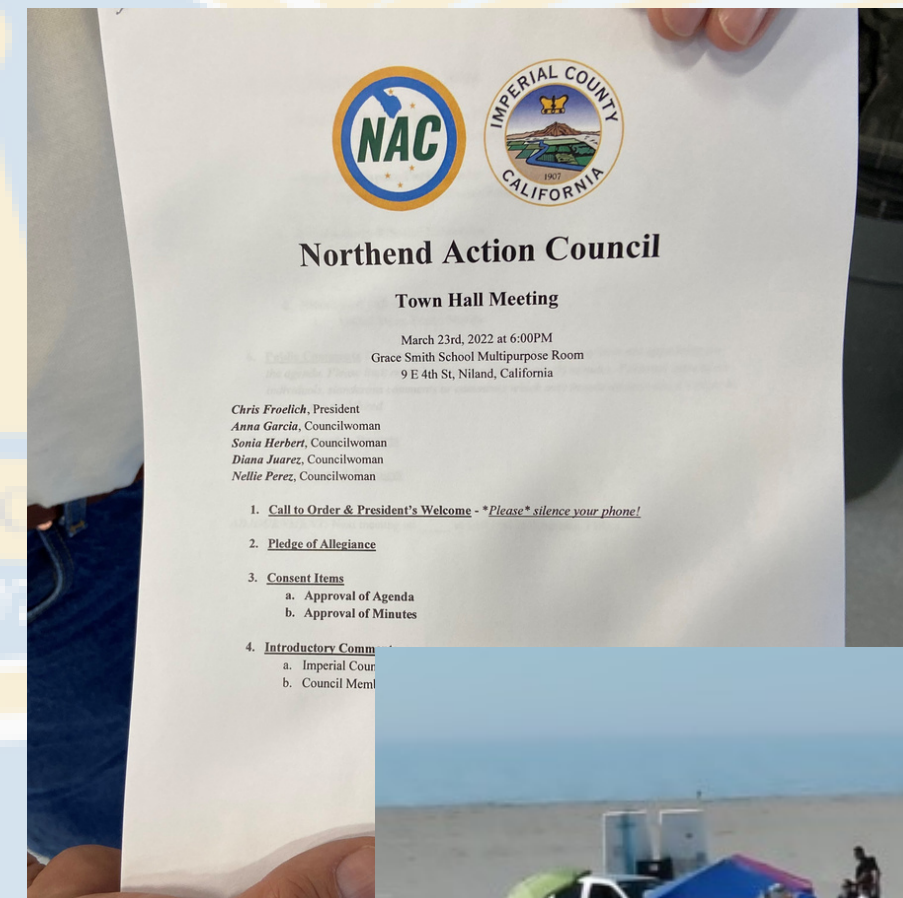
IMPERIAL COUNTY & LITHIUM VALLEY



THE CALIFORNIA BLUEPRINT

DEVELOPING LITHIUM VALLEY

- World-class battery manufacturing ecosystem
- Improve renewable energy, create good jobs
- New regulatory certainty
- Spur private investment
- Labor and environmental standards
- Loan programs



LITHIUM VALLEY ECONOMIC OPPORTUNITY INVESTMENT PLAN



LITHIUM VALLEY ECONOMIC OPPORTUNITY INVESTMENT PLAN

Summary

Lithium/rare-mineral mining/processing/manufacturing and renewable energy generation/storage possess the opportunity to propel the economic future of Imperial County residents for generations.

Introduction

The County of Imperial desires to increase the overall wealth of its residents through private economic investment into the Imperial Valley Region in the form of lithium and rare mineral extraction, processing and manufacturing/packaging for end-user applications and renewable energy generation/storage in the form of geothermal, solar, wind and energy storage. The Imperial County Lithium Valley Economic Opportunity Investment Plan will be accomplished through specific actions of the County of Imperial, State of California and the United States Federal Government.

Lithium is a vital mineral in the rechargeable batteries used by consumers in portable computing devices, electric vehicles and battery storage. More than 80% of the world's raw lithium is mined in Australia, Chile, and China. Currently, China controls more than half of the world's lithium processing and refining and has three-fourths of the lithium-ion battery mega factories in the world, according to the International Energy Agency.

Today, the United States has only 1% of global lithium being mined and processed, according to the U.S. Geological Survey. Imperial County, California is blessed with an abundance of Geothermal Brine at the Salton Sea. The earth heated brine is rich in critical minerals needed for the production of batteries and alloys, including lithium, manganese and zinc.

Industry professionals estimate there may be as much as fifteen (15) million tons of lithium in Imperial County that would take 50-100 years to extract. Additionally, there is an estimated 1,000-1,500 MW of additional geothermal energy generation available. The mining of lithium (and other rare-earth minerals) in addition to geothermal power generation provide the opportunity for the United States to have greater control over needed material in the supply chain for electric vehicles and consumer/commercial electronics while providing greater stability to our energy supply.

Benefits of Economic Investment

County (Local)

Employment opportunities (construction and operation).



Ryan Kelley
Supervisor, District 4

Requested Actions of:
The State of California

- Increase delegated authority for Geothermal from 49.9
- Provide \$5,000,000 to County of Imperial for a Program Impact Report and a Lithium Valley Specific Plan
- Funding for a Lithium Valley Development Office for 10
- State of California Support and Assistance in creation of Severance Tax or Resource Levy for critical minerals.
- Funding of \$100 million for a Cal Poly campus in Imperial higher education campus)
- Seed Funding a reference lab for lithium purity testing
- Go-Biz Tax Credit Carve-Out for Lithium, Geothermal (S
- Executive Order or Legislative Action exempting lithium geothermal producers from additional compliance from

BOS ADOPTED: 02-15-22
M.O. #16

RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF IMPERIAL ADOPTING THE IMPERIAL COUNTY LITHIUM VALLEY ECONOMIC OPPORTUNITY INVESTMENT PLAN (LVIP)

RESOLUTION NO. 2022-19

WHEREAS, the County of Imperial has approximately 186,000 residents (State of California Department of Finance Estimate: 2021) and has a current unemployment rate of 14.7% (a labor force of 67,600 with 57,700 employed and 9,900 unemployment as of December, 2021 (State of California Employment Development Department); and

WHEREAS, the County of Imperial desires to increase economic opportunity for all residents through the attraction, retention and growth of industries that make economic investments in the County of Imperial; and

WHEREAS, the County of Imperial desires to increase participation and partnership with the State of California and the United States Federal Government to make needed investments in education and infrastructure in Imperial County; and

WHEREAS, lithium/rare-mineral extraction and geothermal energy producers have determined that Imperial County may hold as much as fifteen (15) million metric tons of lithium and 1,500 to 3,000 megawatts of renewable energy; and

WHEREAS, consumer demand for electric vehicles and portable electronic devices which are powered with lithium and other rare minerals continues to increase; and

WHEREAS, the County of Imperial has worked to create a framework to expand the regional economy through the Lithium Valley Economic Opportunity Investment Plan (LVIP).

NOW, THEREFORE, the Board of Supervisors of the County of Imperial resolves as follows:

- (1) The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.
- (2) The County of Imperial Board of Supervisors hereby adopts the Lithium Valley Economic Opportunity Investment Plan (LVIP).
- (3) The County of Imperial Board of Supervisors hereby authorize the County Executive Officer (CEO) and/or his/her designee(s) to begin implementation of said



LITHIUM VALLEY ECONOMIC OPPORTUNITY INVESTMENT PLAN REQUESTED SPECIFIC ACTIONS



STATE OF CALIFORNIA



U.S. FEDERAL GOVERNMENT



**THANK YOU
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Lithium
6.04