



# DESERT VALLEY COMPANY MONOFILL EXPANSION PROJECT, CELL 4

## DRAFT ENVIRONMENTAL IMPACT REPORT VOL. 1

SCH NO. 2019120605

GPA#18-0004/ ZC#18-0005/ IS#18  
CUP AMENDMENT #18-0020  
WATER WELL CUP #21-0002

July 2021



Prepared for:  
County of Imperial, Planning & Development Services Dept.



Prepared by:  
BRG Consulting, Inc.

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**DRAFT**  
**ENVIRONMENTAL IMPACT REPORT**  
**VOL. 1**

**DESERT VALLEY COMPANY**  
**MONOFILL EXPANSION PROJECT, CELL 4**

**SCH No. 2019120605**

GPA#18-0004/ ZC#18-0005/IS#18-0020  
CUP Amendment #18-0025  
Water Well CUP #21-0002

Prepared for  
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## ACRONYMS AND ABBREVIATIONS

AB	Assembly Bill
ACEC	Area of Critical Environmental Concern
ADT	Average Daily Trips
APCD	Air pollution control district
APE	Area of Potential Effect
APN	Assessor's Parcel Number
APS	Alternate Planning Strategy
AQAP	Air Quality Attainment Plan
ASTM	American Society for Testing and Materials
ATC	Authority to Construct
BA	Biological Assessment
BAU	Business as usual
BG	Bare Ground
BLM	Bureau of Land Management
BMP	Best Management Practice
BO	Biological Opinion
B.P.	before present
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
Cal/OSHA	California Occupational Safety and Health Administration
CalEEMod	California Emissions Estimator Model
CalEnergy	CalEnergy Operating Corporation
CalEPA	California Environmental Protection Agency
CALFIRE	California Department of Forestry and Fire Protection
CALGreen	California Green Building Standards Code
Cal-IPC	California Invasive Plant Council
CalRecycle	California Department of Resources Recycling and Recovery
CARB	California Air Resources Board
CAT	Climate Action Team
CCR	California Code of Regulations
CDCA	California Desert Conservation Area
CDFW	California Department of Fish and Wildlife
CDMG	California Department of Conservation, Division of Mine and Geology
CDPH	California Department of Public Health

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**ACRONYMS AND ABBREVIATIONS**

CDPH	California Department of Public Health
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CFS	cubic feet per second
CGS	California Geological Survey
CH <sub>4</sub>	Methane
CHP	California Highway Patrol
CIWMB	California Integrated Waste Management Board
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CO	Carbon monoxide
CO	Conference Opinion
CO <sub>2</sub>	Carbon dioxide
CO <sub>2</sub> e	Carbon dioxide equivalent
COC	Contaminants of Concern
COSE	Conservation and Open Space Element
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CSHE	Circulation and Scenic Highways Element
CSSC	California Species of Special Concern
CUP	Conditional Use Permit
CUPA	Certified United Program Agency
CWA	Clean Water Act
CWA	Clean Water Act
CY	Cubic yards
dB	Decibels
dBA	A-weighted sound pressure level
DEIR	Draft Environmental Impact Report

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**ACRONYMS AND ABBREVIATIONS**

DPW	Department of Public Works
DTSC	Department of Toxic Substance Control
DV	Developed
DVC	Desert Valley Company
DVCM	Desert Valley Monofill Company
DWR	Department of Water Resources
EIR	Environmental Impact Report
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act
ESA	Endangered Species Act of 1973
ESA	Environmental Site Assessment
FGC	Fish and Game Code
FMMP	Farmland Mapping & Monitoring Program
FTA	Federal Transit Administration
GHG	Greenhouse gases
GPA	General Plan Amendment
GSP	Groundwater sustainability plan
GWP	Global warming potential
H <sub>2</sub> S	Hydrogen Sulfide
HDPE	High-Density Polyethylene
HFCs	Hydrofluorocarbons
HMBP	Hazardous Materials Business Plan
HRP	Habitat Restoration Plan
HUD	Housing and Urban Development
I-8	Interstate 8
ICAPCD	Imperial County Air Pollution Control District
ICPDSD	Imperial County Planning & Development Services Department
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
ITP	Incidental Take Permit

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**ACRONYMS AND ABBREVIATIONS**

JCP	Joint Contingency Plan
LCFS	Low Carbon Fuel Standard
LCRS	leachate collection and removal system
Ldn	Day-Night Average Level
LEA	Local Enforcement Agency
Leq	Equivalent continuous sound level
LOS	Level of Service
LUE	Land Use Element
MBTA	Migratory Bird Treaty Act
MBTA	Migratory Bird Treaty Act
MM	Mitigation Measure
MMRP	Mitigation Monitoring and Reporting Program
MMT	Million metric tons
MND	Mitigated Negative Declaration
MOU	Memorandum of Understanding
mph	miles per hour
MPO	Metropolitan Planning Organizations
MT	Metric tons
N <sub>2</sub> O	Nitrous oxides
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NE	Noise Element
NO <sub>2</sub>	Nitrogen dioxide
NOA	Notice of Availability
NOC	Notice of Completion
NOI	Notice of Intent
NOP	Notice of Preparation
NORM	Naturally Occurring Radioactive Materials
NOx	Oxides of nitrogen
NPDES	National Pollutant Discharge Elimination System
NPPA	Native Plant Protection Act

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### ACRONYMS AND ABBREVIATIONS

NRHP	National Register of Historic Place
O <sub>3</sub>	Ozone
OEHHA	Office of Environmental Health Hazard Assessment
OHV	off-highway vehicle
OPR	Office of Planning and Research
OSHA	United States Occupational Safety and Health Administration
Pb	Lead
PCB	polychlorinated biphenyls
PCE	passenger car equivalent
PFCs	perfluorocarbons
PGA	peak ground acceleration
PI	Principal Investigator
PM	Particulate matter
PM <sub>2.5</sub>	particulates less than 2.5 microns in diameter
PM <sub>10</sub>	Particulate matter 10 micrometers or less in diameter
PMP	probable maximum precipitation
ppm	Parts per million
PRC	Public Resource Code
PRMMP	Paleontological Resource Mitigation and Monitoring Plan
Project	Desert Valley Company Monofill Expansion Project, Cell 4
psf	per square foot
PTC	Permit to Construct
PTO	Permit to Operate
PVC	polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Concern
RMS	Root mean squared
ROG	reactive organic gas
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SB	Senate Bill

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**ACRONYMS AND ABBREVIATIONS**

SCH	State Clearinghouse Number
SCS	Sustainable Communities Strategy
SDNHM	San Diego Natural History Museum
SF <sub>6</sub>	sulfur hexafluoride
SIP	State Implementation Plan
SLCP	short-lived climate pollutants
SO <sub>2</sub>	Sulfur dioxide
SO <sub>x</sub>	Oxides of sulfur
SPSE	Seismic and Public Safety Element, County of Imperial
SPSE	Seismic and Public Safety Element
SR-111	State Route 111
SR-86	State Route 86
SSC	Species of Special Concern
STP	shovel test pits
Strategy	Flat-tailed Horned Lizard Rangewide Management Strategy
SVP	Society of Vertebrate Paleontology
SWF	Solid Waste Facility
SWFP	Solid Waste Facility Permit
SWMF	Solid Waste Management Facility
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	California State Water Resources Control Board
SWRCB	State Water Resources Control Board
SWRCB	State Water Resources Control Board
TDS	Total Dissolved Solids
TENORM	Technologically Enhanced Naturally Occurring Radioactive Materials
TNW	Traditional Navigable Water
USACE	U.S. Army Corps of Engineers
USACE	U.S. Army Corps of Engineers
USC	United States Code
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	United States Geological Survey

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**ACRONYMS AND ABBREVIATIONS**

UV	ultraviolet
VdB	vibration decibels
VEC	Vapor Encroachment Condition
VESM	Vapor Encroachment Screening Matrix
VMT	Vehicle miles traveled
WDPP	Wind Dispersal Prevention Program
WDR	Waste Discharge Requirement
WEAP	Worker Environmental Awareness Program
WPLT	Western Pluvial Lakes Tradition
WUS	Waters of the U.S.
ZC	Zone Change
ZNE	Zero Net Energy

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