Imperial County Planning & Development Services
Planning / Building

Jim Minnick
DIRECTOR

TO: Commissioner Mike Goodsell
Commissioner Tairu Zong
Commissioner Jerry Arguelles
Commissioner Sylvia Chavez

FROM: Jim Minnick, Secretary
Planning & Development Services Director

SUBJECT: **(Continued from April 16, 2025)** Public hearing to consider compatibility of Skyway Towers' requested Conditional Use Permit #24-0026 for a 120-foot monopole telecommunications facility located on a 40' x 40' leased portion of a 2.83 acres residential parcel. The proposed project is within the Imperial County Airport Compatibility Plan C Zone (Common Traffic Pattern). The proposed project site is located at 749 W Worthington Road, Imperial, CA 92251 approximately 1,400 feet west of the intersection of Worthington Road and Austin Road. Parcel coordinates 32° 50' 49.272" N, 115° 35' 58.5162" W; Assessor's Parcel Numbers 062-040-075-000 (Supervisorial District #3) (**ALUC 03-25**) [Luis Valenzuela, Planner II, 442-265-1736, extension 1749 or by email at luisvalenzuela@co.imperial.ca.us].

DATE OF REPORT: August 20, 2025

AGENDA ITEM NO: 1

HEARING DATE: August 20, 2025

HEARING TIME: 6:00 P.M.

HEARING LOCATION: County Administration Center
Board of Supervisors Chambers
940 Main Street
El Centro, CA 92243

STAFF RECOMMENDATION

It is the Secretary's recommendation that the Airport Land Use Commission finds the proposed 120-foot telecommunications tower located at 749 W Worthington Road, Imperial, CA 92251 to be compatible with the 1996 Airport Land Use Compatibility Plan.

SECRETARY'S REPORT

Project Location:

The proposed 120-foot monopole telecommunication facility would be located at 749 W Worthington Road, Imperial, CA 92251; further identified as Assessor's Parcel Number 062-040-075-000 and legally described as PAR 2 PM 926 OF TR 51 15-13 2.89AC.

Project Description:

The applicant TEP, on behalf of Skyway Towers, proposes Conditional Use Permit #24-0026 to construct and operate a 120-foot monopole telecommunications tower on a 40' x 40' (1,600 square feet) leased portion of a 2.83 acres parcel with an existing residence onsite and the parcel is in an A-2 zone. Access will be provided via Worthington Road on a proposed 12' wide gravel access drive to the proposed project site. The only utilities required to service the facility will be underground and overhead power route from existing utility pole to compound area. Additionally, there will be no impact on County's water and sanitation (sewer) utilities as they will not be used at the site. The proposed telecommunications tower will be erected, owned, and operated by Skyway Towers.

In accordance with Federal Communications Commission (FCC) regulations, the proposed wireless telecommunications facility will be designed and constructed to meet and/or exceed all applicable government and industry safety standards. Specially, Skyway Towers will comply with all Federal Communications Commission (FCC) and Federal Aviation Agency (FAA) rules and regulations regarding construction requirements and technical standards. The proposed wireless communication facility's Radio Frequency (RF) emissions will comply with the federal Communications Commission's (FCC) Radio Frequency emission standards. Additionally, the proposed wireless communication facility will comply with the Federal Aviation Agency's (FAA) height, lighting, and marking requirements.

The project is being presented for the Imperial County Airport Land Use Commission (ALUC)'s review and determination of consistency with its 1996 Compatibility Plan. The project falls within the Imperial County Airport Land Use Compatibility Map Zone "C".

General Plan/ALUCP Analysis:

The proposed wireless communication facility is located within a vacant portion of the parcel and is not located near any County Public Airport or airstrip. The nearest airport is the Imperial County Airport located approximately 1.5 miles southeast of the proposed project site.

The project site is zoned A-2 (General Agriculture) per Zoning Map #5 of the Imperial County Title 9 Land Use Ordinance.

The Airport Land Use Compatibility Plan (ALUCP), Chapter 2, Policies, Section 2.3, provides "Types of Actions Reviewed" by the Commission, which shall include:

"Any other proposed land use action, as determined by the local planning agency, involving a question of compatibility with airport activities" (Section 2.3.3(h), pg. 2-2, 2-3, 2-4 & 2-17)

The proposed Conditional Use Permit (CUP #24-0026) has been submitted for the Airport Land Use Commission's review and determination of consistency with the 1996 Airport Land Use

Compatibility Plan (ALUCP) due to the nature of the application (a 120-foot wireless communication facility).

Attachments

A – Vicinity Map
B – ALUC Map
C – Assessor's Plat Map
D – Site Plan
E – ALUCP Zone Map
F – FAA Determination
G – Application & Supporting Documents
H – ALUCP Chapter 2 Pages 2-2, 2-3, 2-4 and 2-17

LV\OL\S:\AllUsers\APN\062\040\075\CUP24-0026_IS24-0039\ALUC\ALUC Skyway Towers CUP24-0026 Staff Report 05 21 25.doc

ATTACHMENT "A" ALUCP
CHAPTER 2 PAGES 2-2, 2-3, 2-4 AND 2-17

2. *Countywide Impacts on Flight Safety* - Those lands, regardless of their location in the County, on which the uses could adversely affect the safety of flight in the County. The specific uses of concern are identified in Paragraph 2.

3. *New Airports and Heliports* - The site and environs of any proposed new airport or heliport anywhere in the County. The Brawley Pioneers Memorial Hospital has a heliport area on-site.

2. Types of Airport Impacts

The Commission is concerned only with the potential impacts related to aircraft noise, land use safety (with respect both to people on the ground and the occupants of aircraft), airspace protection, and aircraft overflights. Other impacts sometimes created by airports (e.g., air pollution, automobile traffic, etc.) are beyond the scope of this plan. These impacts are within the authority of other local, state, and federal agencies and are addressed within the environmental review procedures for airport development.

3. Types of Actions Reviewed

1. *General Plan Consistency Review* - Within 180 days of adoption of the *Airport Land Use Compatibility Plan*, the Commission shall review the general plans and specific plans of affected local jurisdictions to determine their consistency with the Commission's policies. Until such time as (1) the Commission finds that the local general plan or specific plan is consistent with the *Airport Land Use Compatibility Plan*, or (2) the local agency has overruled the Commission's determination of inconsistency, the local jurisdiction shall refer all actions, regulations, and permits (as specified in Paragraph 3) involving the airport area of influence to the Commission for review (Section 21676.5 (a)).

2. *Statutory Requirements* -As required by state law, the following types of actions shall be referred to the Airport Land Use Commission for determination of consistency with the Commission's plan *prior to their approval* by the local jurisdiction:

(a) The adoption or approval of any amendment to a general or specific plan affecting the Commission's geographic area of concern as indicated in Paragraph 1 (Section 21676 (b)).

(b) The adoption or approval of a zoning ordinance or building regulation which (1) affects the Commission's geographic area of concern as indicated in Paragraph 1 and (2) involves the types of airport impact concerns listed in Paragraph 2 (Section 21676 (b)).

(c) Adoption or modification of the master plan for an existing public-use airport (Section 21676 (c)).

(d) Any proposal for a new airport or heliport whether for public use or private use (Section 21661.5).

3. *Other Project Review* - State law empowers the Commission to review additional types of land use "actions, regulations, and permits" involving a question of airport/land use compatibility if either: (1) the Commission and the local agency agree that these types of individual projects shall be reviewed by the Commission (Section 21676.5 (b)); or (2) the Commission finds that a local agency has not revised its general plan or specific plan or overruled the Commission and the Commission requires that the individual projects be submitted for review (Section 21676.5 (a)). For the purposes of this plan, the specific types of "actions, regulations, and permits" which the Commission shall review include:

a) Any proposed expansion of a city's sphere of influence within an airport's planning area.

b) Any proposed residential planned unit development consisting of five or more dwelling units within an airport's planning area.

c) Any request for variance from a local agency's height limitation ordinance.

d) Any proposal for construction or alteration of a structure (including antennas) taller than 150 feet above the ground anywhere within the County.

e) Any major capital improvements (e.g., water, sewer, or roads) that would promote urban development.

f) Proposed land acquisition by a government entity (especially, acquisition of a school site).

g) Building permit applications for projects having a valuation greater than $500,000.

h) Any other proposed land use action, as determined by the local planning agency, involving a question of compatibility with airport activities.

4. Review Process

1. *Timing of Project Submittal* - Proposed actions listed in Paragraph 3.1 must be submitted to the Commission for review prior to approval by the local government entity. All projects shall be referred to the Commission at the earliest reasonable point in time so that the Commission's review can be duly considered by the local jurisdiction prior to formalizing its actions. At the local government's discretion, submittal of a project for Airport Land Use Commission review can be done before, after, or concurrently with review by the local planning commission or other local advisory bodies.

2. *Commission Action Choices* - When reviewing a land use project proposal, the Airport Land Use Commission has a choice of either of two actions: (1) find the project *consistent* with the *Airport Land Use Compatibility Plan*; or, (2) find the project *inconsistent* with the Plan. In making a finding of inconsistency, the Commission may note the conditions under which the project would be consistent with the Plan. The Commission cannot, however, find a project consistent with the Plan subject to the inclusion of certain conditions in the project.

Table 2A

Compatibility Criteria

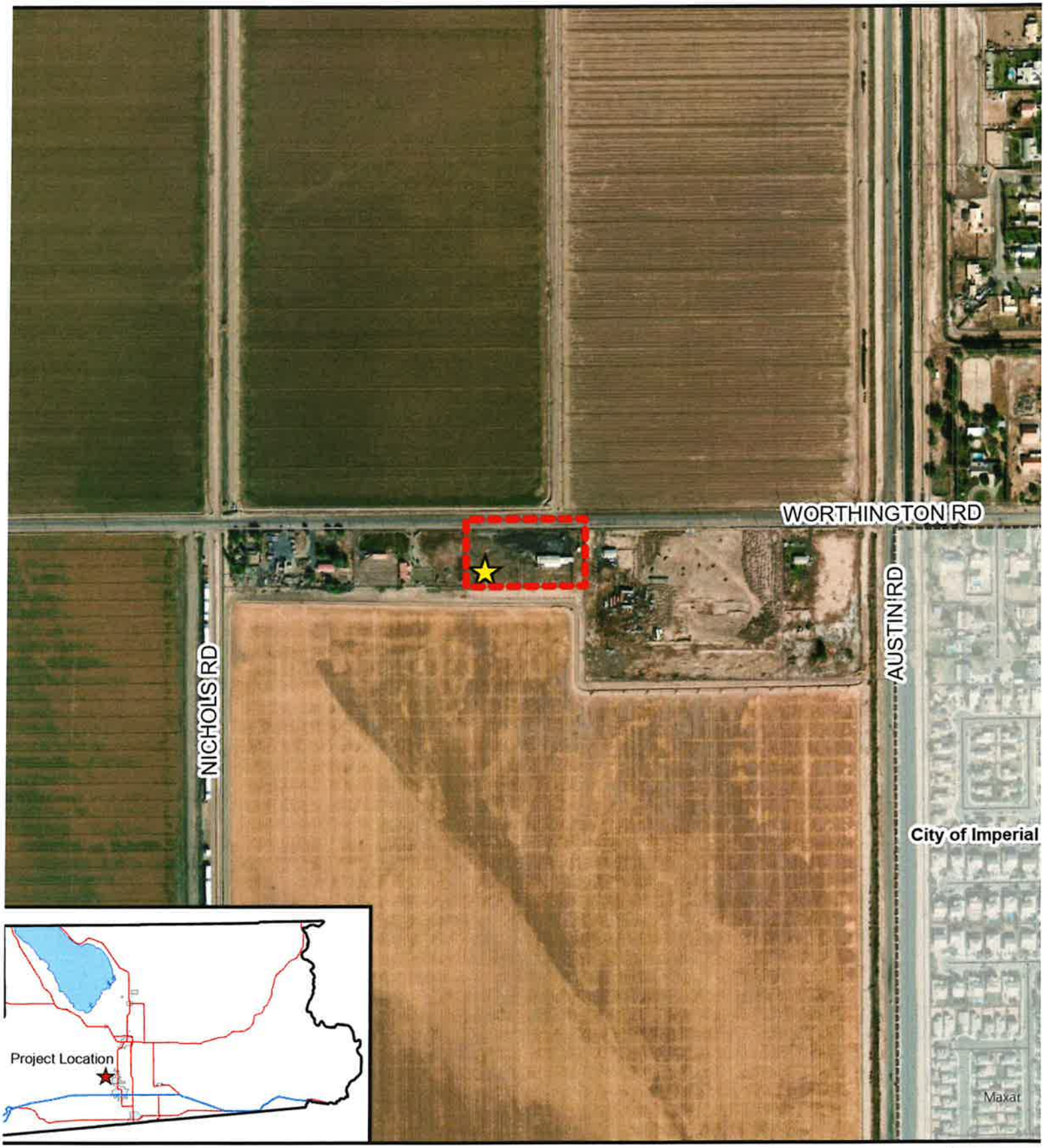
Imperial County Airport Land Use Compatibility Plan

Zone	Location	Impact Elements	Maximum Densities		Required Open Land[3]
			Residential (du/ac)[1]	Other Uses (people/ac)[2]	
A	Runway Protection Zone or within Building Restriction Line	· High risk · High noise levels	0	10	All Remaining
B1	Approach/Departure Zone and Adjacent to Runway	· Substantial risk - aircraft commonly below 400 ft. AGL or within 1,000 ft. of runway · Substantial noise	0.1	100	30%
B2	Extended Approach/Departure Zone	· Significant risk – aircraft commonly below 800 ft. AGL · Significant noise	1	100	30%
C	Common Traffic Pattern	· Limited risk – aircraft at or below 1,000 ft. AGL · Frequent noise intrusion	6	200	15%
D	Other Airport Environs	· Negligible risk · Potential for annoyance from overflights	No Limit	No Limit	No Requirement

Zone	Additional Criteria		Examples	
	Prohibited Uses	Other Development Conditions	Normally Acceptable Uses[4]	Uses Not Normally Acceptable[5]
A	· All structures except ones with location set by aeronautical function · Assemblages of people · Objects exceeding FAR Part 77 height limits · Hazards to flight[6]	· Dedication of avigation easement	· Aircraft tiedown apron · Pastures, field crops, vineyards · Automobile parking	· Heavy poles, signs, large trees, etc.
B1 and B2	· Schools, day care centers, libraries · Hospitals, nursing homes · Highly noise-sensitive uses · Above ground storage · Storage of highly flammable materials · Hazards to flight[6]	· Locate structures maximum distance from extended runway centerline · Minimum NLR[7] of 25 dBA in residential and office buildings · Dedication of avigation easement	· Uses in Zone A · Any agricultural use except ones attracting bird flocks · Warehousing, truck terminals · Single-story offices	· Residential subdivisions · Intensive retail uses · Intensive manufacturing or food processing uses · Multiple story offices · Hotels and motels
C	· Schools · Hospitals, nursing homes · Hazards to flight[6]	· Dedication of overflight easement for residential uses	· Uses in Zone B · Parks, playgrounds · Low-intensity retail, offices, etc. · Low-intensity manufacturing, food processing · Two-story motels	· Large shopping malls · Theaters, auditoriums · Large sports stadiums · Hi-rise office buildings
D	· Hazards to flight[6]	· Deed notice required for residential development	· All except ones hazardous to flight	

ATTACHMENT "B" VICINITY MAP

PROJECT LOCATION MAP



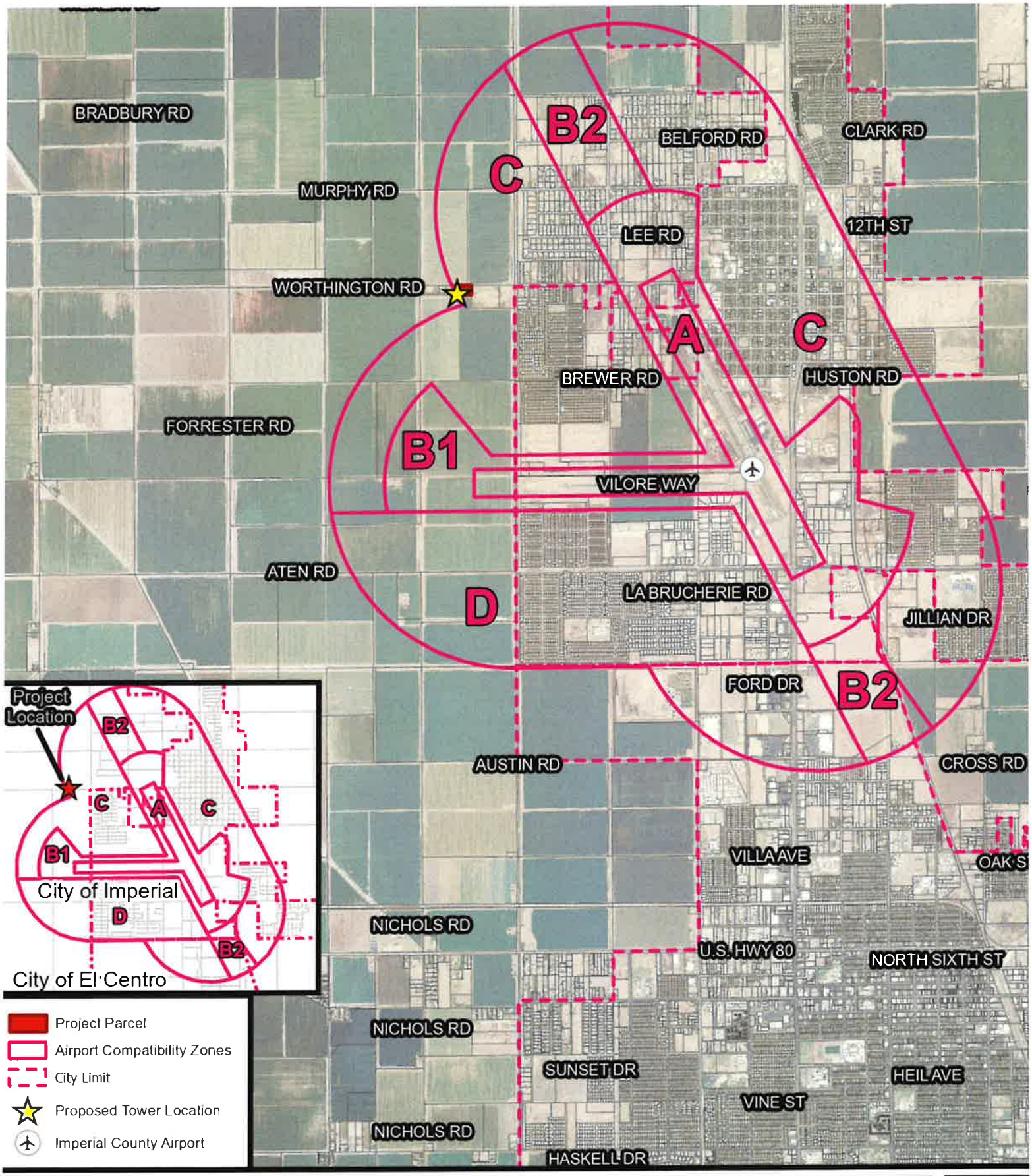
IMPERIAL COUNTY CALIFORNIA

SKYWAY TOWERS
CUP #24-0026 / IS #24-0039
APN 062-040-075-000

- Proposed Tower Location
- Centerline
- City of Imperial
- Parcels
- Parcels selection

N

ATTACHMENT "C" ALUC MAP



IMPERIAL COUNTY AIRPORT LAND USE COMMISSION

ALUC #03-25

SKYWAY TOWERS

APN #062-040-075-000

N

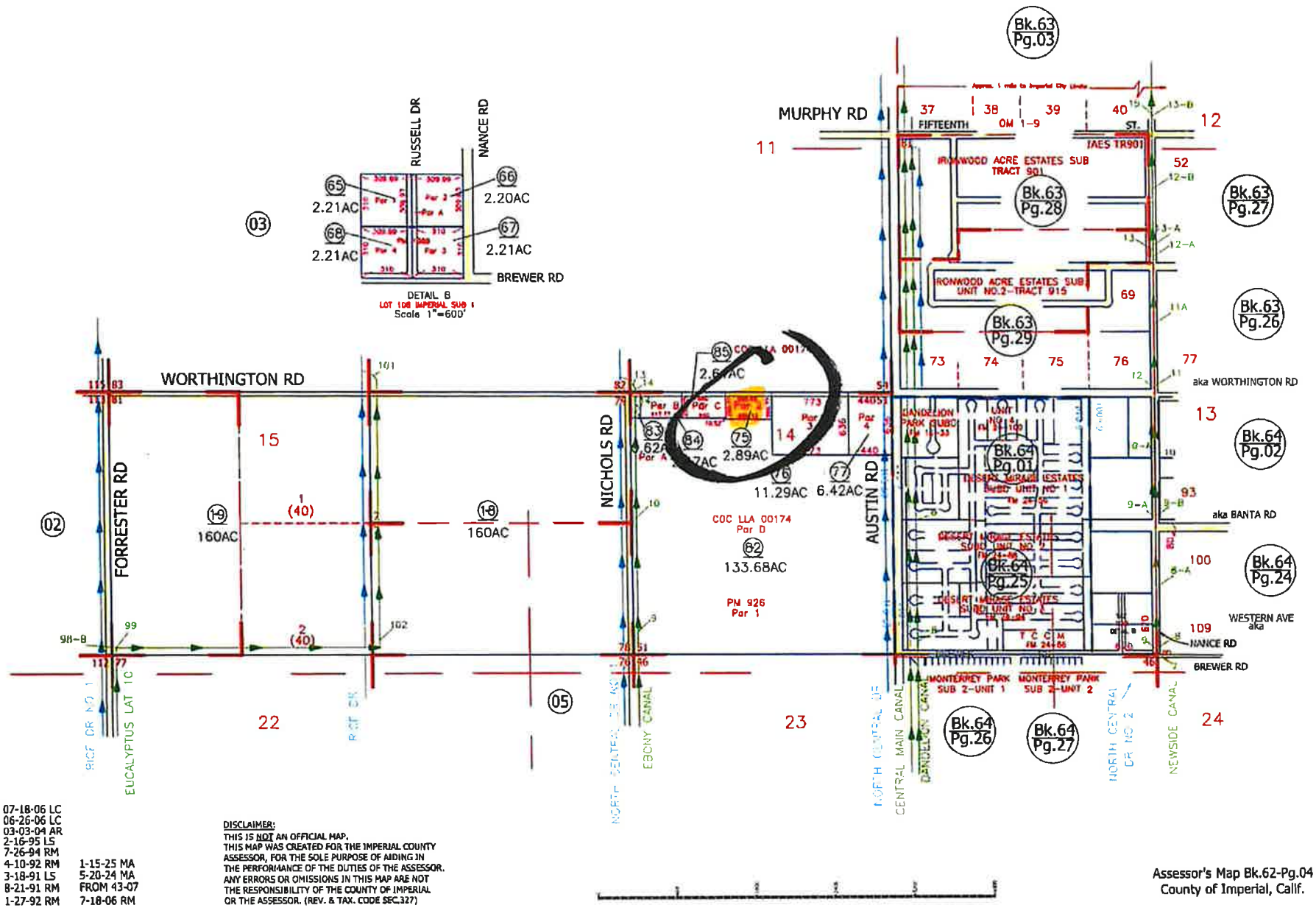
ATTACHMENT "D" ASSESSOR'S PLAT MAP

POR. IMPERIAL SUB.1&
TRACT51,78,79,81, POR.SECTIONS 13,14 & 15, T.15S., R.13E.

OM-1-9

Tax Area Code
69-001

62-04



07-18-06 LC
06-26-06 LC
03-03-04 AR
2-16-95 LS
7-26-94 RM
4-10-92 RM 1-15-25 MA
3-18-91 LS 5-20-24 MA
8-21-91 RM FROM 43-07
1-27-92 RM 7-18-06 RM

DISCLAIMER:
THIS IS NOT AN OFFICIAL MAP.
THIS MAP WAS CREATED FOR THE IMPERIAL COUNTY ASSESSOR, FOR THE SOLE PURPOSE OF AIDING IN THE PERFORMANCE OF THE DUTIES OF THE ASSESSOR. ANY ERRORS OR OMISSIONS IN THIS MAP ARE NOT THE RESPONSIBILITY OF THE COUNTY OF IMPERIAL OR THE ASSESSOR. (REV. & TAX. CODE SEC.327)

Assessor's Map Bk.62-Pg.04
County of Imperial, Calif.

ATTACHMENT "E" SITE PLAN

LEGEND

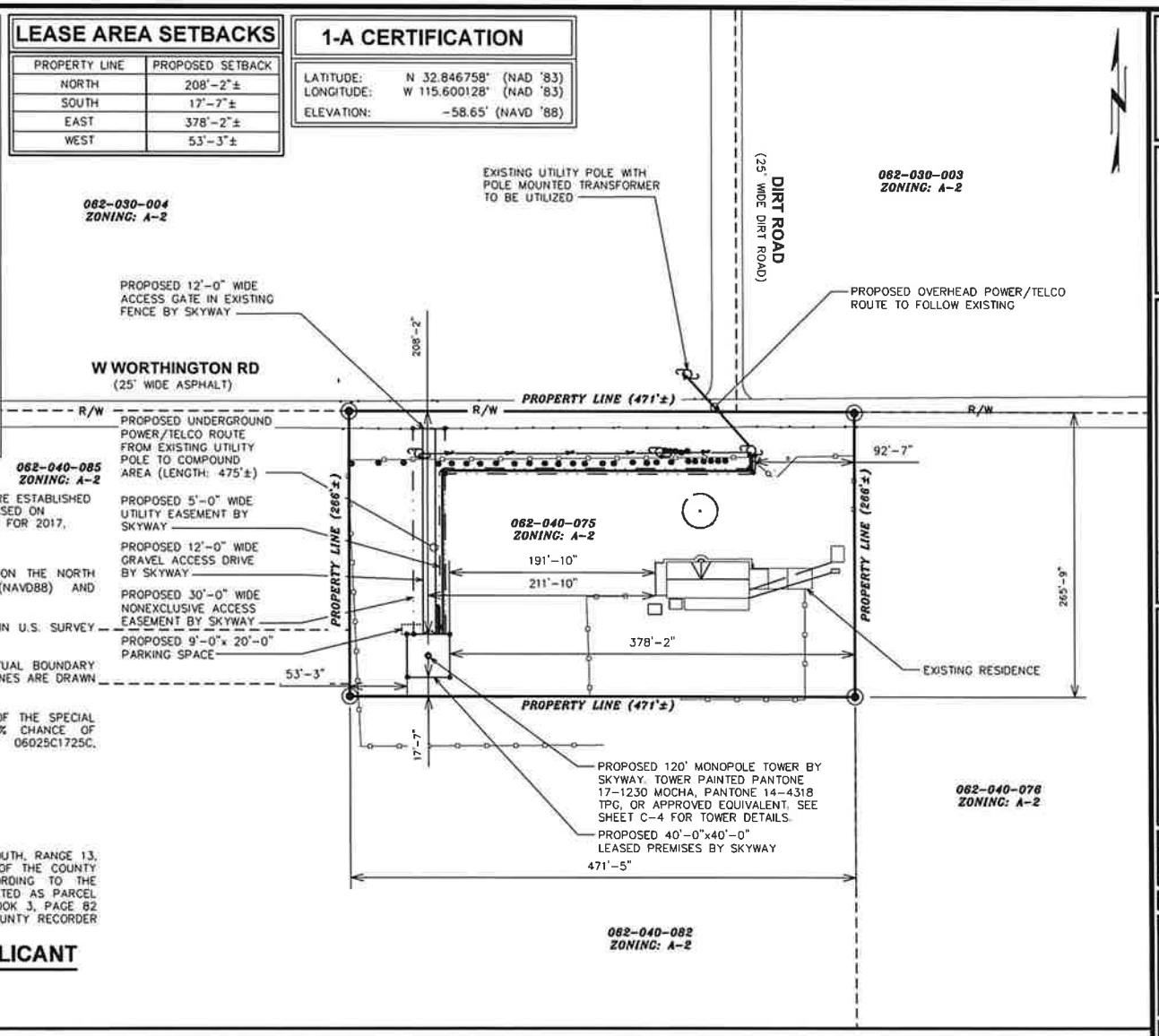
- PARENT PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING FENCE
- EXIST. CONTOUR LINE
- EDGE OF PAVEMENT
- PROPERTY CORNER
- LEASE/EASEMENT CORNER
- EXISTING RIGHT OF WAY
- OVERHEAD WIRE
- BURIED TELCO
- EXISTING UTILITY POLE
- TELCO PEDESTAL
- FIBER VAULT

LEASE AREA SETBACKS

PROPERTY LINE	PROPOSED SETBACK
NORTH	208'-2"±
SOUTH	17'-7"±
EAST	378'-2"±
WEST	53'-3"±

1-A CERTIFICATION

LATITUDE: N 32.846758° (NAD '83)
LONGITUDE: W 115.600128° (NAD '83)
ELEVATION: -58.65' (NAVD '88)



NOTES:

1. GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING G.P.S. AND SURVEY GRADE PRECISION BASED ON CALVRS G.P.S. BROADCAST COORDINATE VALUES FOR 2017, NAVD 88
BENCHMARK REFERENCE: CRTN.

2. VERTICAL INFORMATION SHOWN IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND EXPRESSED IN INTERNATIONAL FEET.

3. ALL DISTANCES ARE 'GROUND' DISTANCES IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED.

4. THIS PLAN DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE PARENT PARCEL. BOUNDARY LINES ARE DRAWN FROM FIELD LOCATIONS OF FOUND MONUMENTS.

5. THE PROPERTY IS LOCATED IN ZONE 'X' OF THE SPECIAL FLOOD HAZARD AREA, AN AREA OF 0.2% CHANCE OF FLOODING; FEMA COMMUNITY PANEL NO. 06025C1725C, EFFECTIVE DATE: SEPTEMBER 26, 2008.

LEGAL DESCRIPTION:

THAT PORTION OF TRACT 51, TOWNSHIP 15 SOUTH, RANGE 13, EAST, S.B.M., IN AN UNINCORPORATED AREA OF THE COUNTY OF IMPERIAL, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, SHOWN AND DESIGNATED AS PARCEL 2 OF PARCEL MAP NO. M-926 ON FILE IN BOOK 3, PAGE 82 OF PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF IMPERIAL COUNTY.

TOWER OWNER AND APPLICANT

NAME:	SKYWAY TOWERS
ADDRESS:	3637 MADACA LANE
CITY, STATE, ZIP:	TAMPA, FL 33618
CONTACT:	JUSTIN JONES
PHONE:	(813) 960-6217

EXTENDED SITE PLAN

SCALE: 1" = 100'

0 100 200
SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP Cycle LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&N Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEP28 Cycle LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

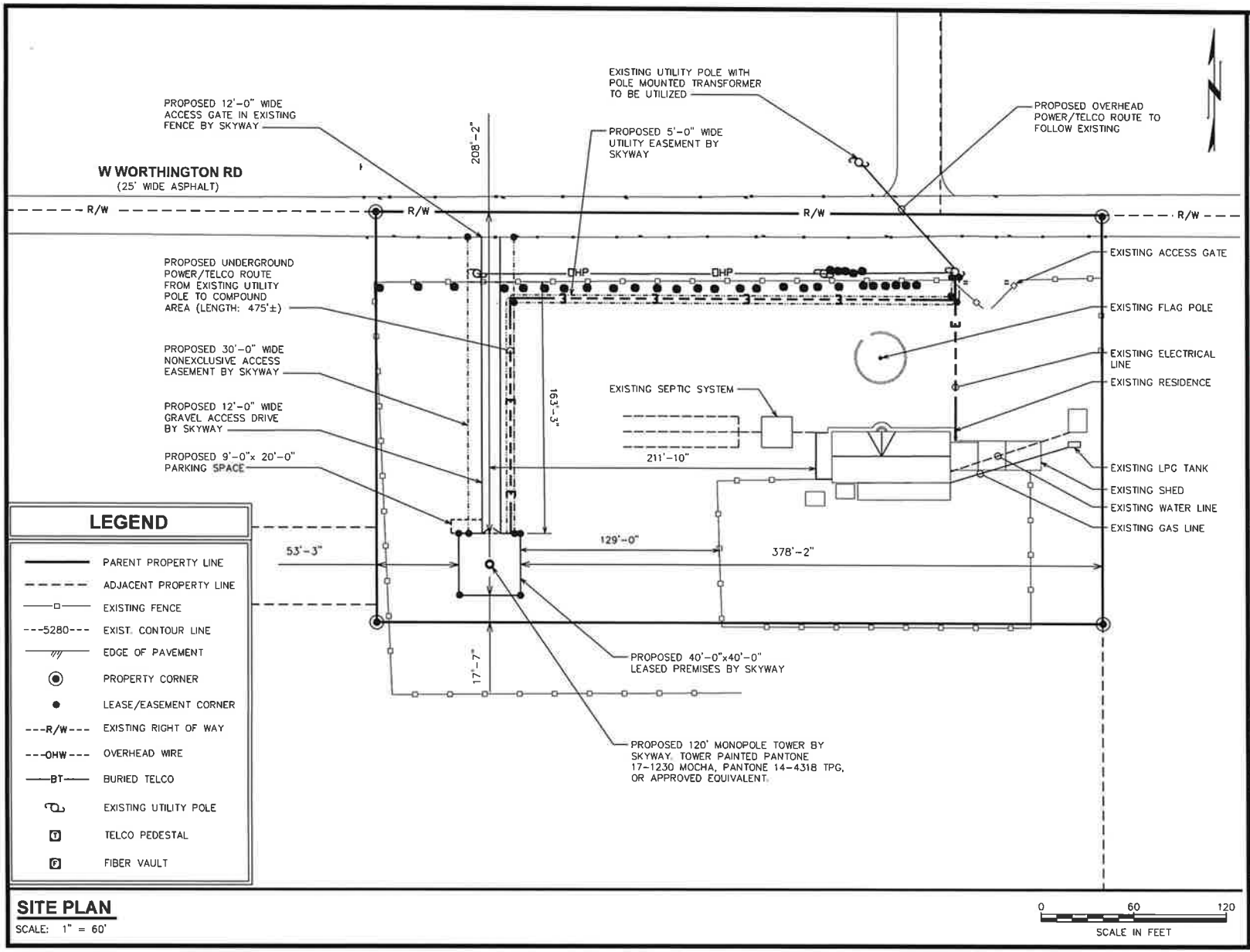
SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER: **C-1**

REVISION: 2

TEP #341053.432429



SITE PLAN

SCALE: 1" = 60'

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or MRAN Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPDG OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

SHEET TITLE:

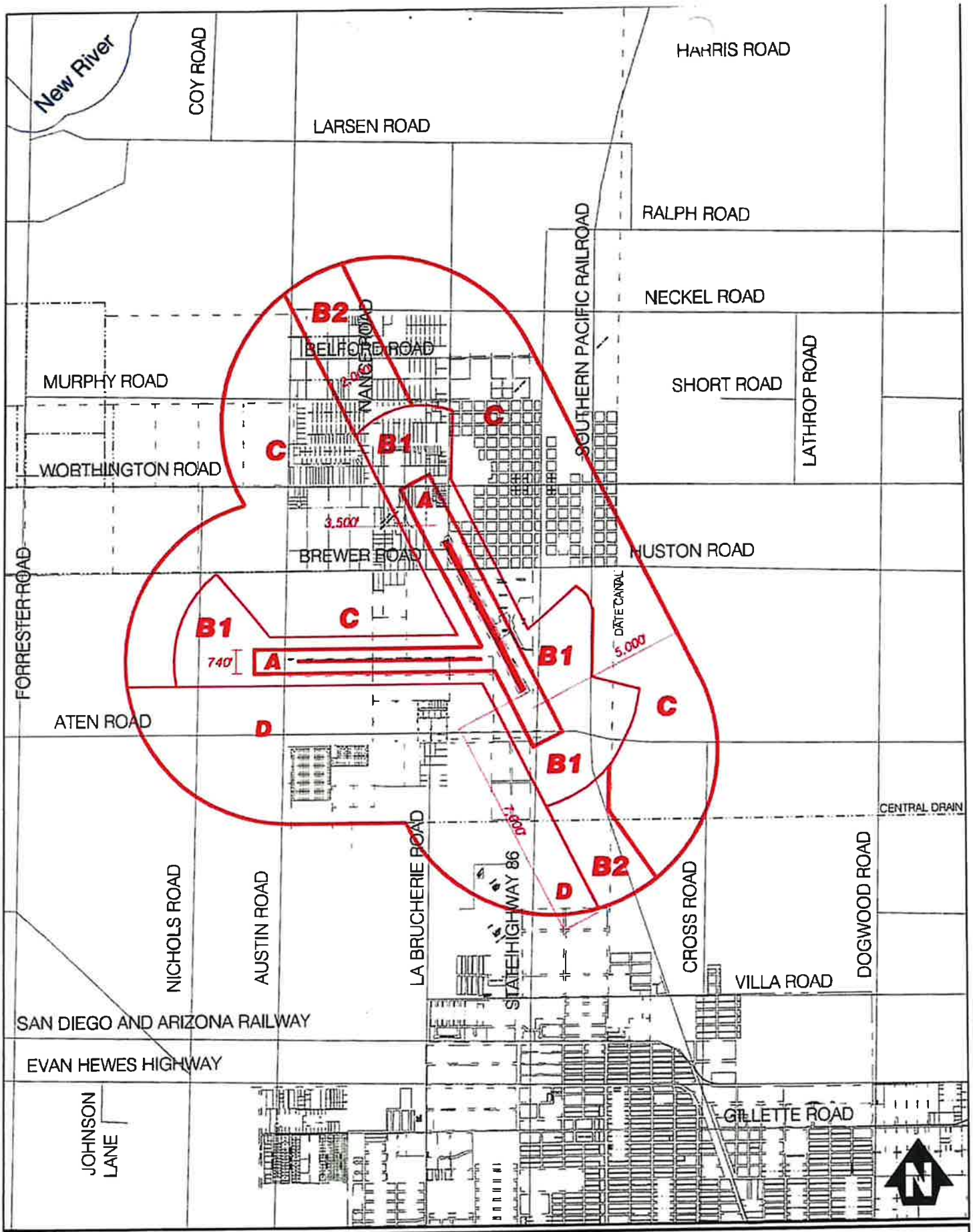
ENLARGED SITE PLAN

SHEET NUMBER: **C-2**

REVISION: 2

TEP #341053.432423

ATTACHMENT "F" ALUCP ZONE MAP



Compatibility Map

Imperial County Airport

FIGURE 3E

airport land use compatibility plan

K:\ALUC\3E-CORRE.DWG

UPDATED: September 15 2004 - Map Correction on compatibility outlines

ATTACHMENT "G" FAA DETERMINATION

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2024-AWP-10636-OE

Issued Date: 09/06/2024

Operations
Skyway Towers, LLC
3637 Madaca Lane
Tampa, FL 33618

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower CA-00435 Imperial
Location:	Imperial, CA
Latitude:	32-50-48.33N NAD 83
Longitude:	115-36-00.46W
Heights:	-59 feet site elevation (SE)
	124 feet above ground level (AGL)
	65 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 03/06/2026 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination of No Hazard is granted provided the following conditional statement is included in the proponent's construction permit or license to radiate:

Upon receipt of notification from the Federal Communications Commission that harmful interference is being caused by the licencee's (permittee's) transmitter, the licensee (permittee) shall either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference. This condition expires after 1 year of interference-free operation.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (206) 231-2877, or Nicholas.Sanders@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-AWP-10636-OE.

Signature Control No: 630370075-632314934 (DNE)
Nicholas Sanders
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2024-AWP-10636-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

ATTACHMENT "H" APPLICATION & SUPPORTING DOCUMENTS

CONDITIONAL USE PERMIT

I.C. PLANNING & DEVELOPMENT SERVICES DEPT.
801 Main Street, El Centro, CA 92243 (442) 265-1736

- APPLICANT MUST COMPLETE ALL NUMBERED (black) SPACES – Please type or print -

1	PROPERTY OWNER'S NAME Henry/Sara Calderon	EMAIL ADDRESS	
2.	MAILING ADDRESS (Street / P O Box, City, State) 749 W. Worthington Rd. Imperial CA 92251	ZIP CODE	PHONE NUMBER
3.	APPLICANT'S NAME Tom Wilkerson with TEP for Skyway Towers	EMAIL ADDRESS twilkerson@tepgroup.net	
4.	MAILING ADDRESS (Street / P O Box, City, State) 4710 E Elwood St. Suite 9 Phoenix, AZ	ZIP CODE 85040	PHONE NUMBER (602) 860-3348
4.	ENGINEER'S NAME CA. LICENSE NO.	EMAIL ADDRESS	
5.	MAILING ADDRESS (Street / P O Box, City, State)	ZIP CODE	PHONE NUMBER

6.	ASSESSOR'S PARCEL NO. 062-040-075-000	SIZE OF PROPERTY (in acres or square foot) 2,830 Acres	ZONING (existing) A-2
7.	PROPERTY (site) ADDRESS 749 W Worthington Rd.		
8.	GENERAL LOCATION (i.e. city, town, cross street) Imperial, CA 92251		
9.	LEGAL DESCRIPTION PAR 2 PM 926 OF TR 51 15-13 2.89AC		

PLEASE PROVIDE CLEAR & CONCISE INFORMATION (ATTACH SEPARATE SHEET IF NEEDED)

10.	DESCRIBE PROPOSED USE OF PROPERTY (list and describe in detail) To install a new 120' telecommunication facility in order to supply coverage for both 911 services and telecommunication services for the public.	
11.	DESCRIBE CURRENT USE OF PROPERTY	
12	DESCRIBE PROPOSED SEWER SYSTEM	
13.	DESCRIBE PROPOSED WATER SYSTEM	
14.	DESCRIBE PROPOSED FIRE PROTECTION SYSTEM	
15.	IS PROPOSED USE A BUSINESS? ☐ Yes ☒ No	IF YES, HOW MANY EMPLOYEES WILL BE AT THIS SITE?

I / WE THE LEGAL OWNER (S) OF THE ABOVE PROPERTY CERTIFY THAT THE INFORMATION SHOWN OR STATED HEREIN IS TRUE AND CORRECT

Henry Calderon — Print Name — 09-19-2024 — Date

Signature

Sara Calderón — Print Name — 09-19-2024 — Date

Sara Calderón — Signature

REQUIRED SUPPORT DOCUMENTS

A. SITE PLAN
B. FEE
C OTHER
D. OTHER

APPLICATION RECEIVED BY:		DATE	
APPLICATION DEEMED COMPLETE BY:		DATE	
APPLICATION REJECTED BY		DATE	
TENTATIVE HEARING BY:		DATE	
FINAL ACTION ☐ APPROVED ☐ DENIED		DATE	

REVIEW / APPROVAL BY OTHER DEPT'S required
☐ P W
☐ E H S
☐ A P C D
☐ O E S
☐ ____
☐ ____

CUP # 24-0026

IS24-0089

CONDITIONAL USE PERMIT

I.C. PLANNING & DEVELOPMENT SERVICES DEPT.
801 Main Street, El Centro, CA 92243 (442) 265-1736

- APPLICANT MUST COMPLETE ALL NUMBERED (black) SPACES – Please type or print -

ASSESSOR'S PARCEL NO: 062-40-075-000

PROPERTY ADDRESS: 749 W WORTHINGTON RD, IMPERIAL, CA 92251

APPLICANT

Tom Wilkerson with TEP for Skyway Towers
Print Name/Company

Signature

09/09/2024
Date

TOWER OWNER

Justin Jones Skyway Towers
Print Name/Company

Signature

9/20/24
Date

Imperial County Planning & Development Services
Planning / Building / Parks & Recreation

Jim Minnick
DIRECTOR

NOTICE TO APPLICANT

SUBJECT: PAYMENT OF FEES

Dear Applicant:

Pursuant to County Codified Ordinance Division 9, Chapter 1, Section 90901.02, all Land Use Applications must be submitted with their appropriate application fee. Failure to comply will cause application to be rejected.

Please note that once the Department application is received and accepted, a "time track" billing will commence immediately. Therefore, should you decide to cancel or withdraw your project at any time, the amount of time incurred against your project will be billed and deducted from your payment. As a consequence, if you request a refund pursuant to County Ordinance, your refund, if any, will be the actual amount paid minus all costs incurred against the project.

Please note there will be no exceptions to this policy. Thank you for your attention.

Sincerely yours,

Jim Minnick, Director
Planning & Development Services

RECEIVED BY: _____ DATE: 9/30/24

FAA 1-A ACCURACY CERTIFICATION

SURVEY DATE:	MAY 14, 2024
SITE NAME:	CA-00435 IMPERIAL
TYPE:	PROPOSED SKYWAY FACILITY AND MONOPOLE
LOCATION:	749 WEST WORTHINGTON ROAD, IMPERIAL, CA 92251
APN:	062-040-075

I, RAFI HANNA, HEREBY CERTIFY THE GEODETIC COORDINATES (NORTH AMERICAN DATUM 1983) AT THE CENTER OF THE PROPOSED COMPOUND LEASE AREA AND PROPOSED MONOPOLE IS:

	COMPOUND LEASE AREA/ PROPOSED MONOPOLE
LATITUDE:	32°50'48.33" N 32.846758°
LONGITUDE:	115°36'0.46" W -115.600128°

AND FURTHER CERTIFY THAT THE ELEVATION CALLS PRODUCED HEREON ARE ABOVE MEAN SEA LEVEL (A.M.S.L.), NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88). "SEE BENCHMARK DATUM REFERENCED HEREON"

GROUND ELEVATION @ BASE OF PROPOSED SKYWAY MONOPOLE	= -58.65 FEET (A.M.S.L.) (NAVD88)
TOP OF PROPOSED SKYWAY MONOPOLE	= 61.35 FEET (A.M.S.L.) (NAVD88)

AND FURTHER CERTIFY THAT THE MEASURED HEIGHTS ARE AS STATED ABOVE THE GROUND LINE (A.G.L.)

TOP OF PROPOSED SKYWAY MONOPOLE	= 120'-0" (A.G.L.)

THE ACCURACY STANDARDS FOR THIS "1-A ACCURACY CERTIFICATION" ARE AS FOLLOWS:

GEODETIC COORDINATE LOCATIONS:	FIFTEEN (15) FEET HORIZONTALLY
THE ELEVATIONS OF THE GROUND AND THE FEATURES LOCATED:	THREE (3) FEET VERTICALLY (A.M.S.L.)
THE MEASURED HEIGHTS OF THE FEATURES LOCATED:	ONE (1) FOOT +/- VERTICALLY (A.G.L.)

GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING G.P.S. AND SURVEY GRADE PRECISION BASED ON CALVRS G.P.S. BROADCAST COORDINATE VALUES FOR 2017, NAVD 88
BENCHMARK REFERENCE: CRTN

CERTIFICATION: I, THE UNDERSIGNED, A REGISTERED LICENSE SURVEYOR, LICENSED UNDER THE LAWS OF THE STATE OF CALIFORNIA DO HEREBY CERTIFY THE LATITUDE AND LONGITUDE COORDINATES AND ELEVATIONS ABOVE MEAN SEA LEVEL LISTED ABOVE ARE BASED ON A FIELD SURVEY DONE UNDER MY SUPERVISION, AND THAT THE ACCURACY OF THOSE COORDINATES MEET OR EXCEED 1-A STANDARDS (HORIZONTAL ACCURACY ±15 FEET AND VERTICAL ACCURACY ±3 FEET) AS DEFINED IN THE F.A.A. ASAC INFORMATION SHEET 91:003, AND THAT DATA ARE TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Alternative Site Analysis

I. Summary

Imperial County Code, Section 92401.06 requires an "Alternative analysis". Accordingly, the TEP OpCo LLC has prepared this document on behalf of the operator.

The operator assesses gaps in coverage to identify what is called a "search ring". A facility, if constructed at a certain height in this area, would generate the coverage needed. The height identified as necessary to achieve the coverage needed is 120 feet. Please reference propagation maps submitted with this application.

The search ring area is largely under the jurisdiction of the City of Imperial. The most recent zoning map available online is dated May 8, 2023 and is included herein.

The City of Imperial's industrial zone is not available for development due to the Imperial County Airport. The airport zones A and B1 preclude communication towers at the height needed on these industrially zoned lots. Consequently, locating a communication tower is not possible in the industrial zone. The remaining area is largely covered with residential zones and uses. City of Imperial limits these zones' height to 35 feet and does not provide additional allowances for telecommunication use height in residential areas. This leaves two zones, PUD and SP. All but one lot in both zones are limited by space due to existing development. The one lot that is not limited by space is less preferable than the subject site, as it abuts a high volume of single-family residential uses.

The search ring contains a small area of Imperial County. The most recent zoning map available online is dated September 8, 2004 and is included herein. Imperial County's area includes two zones: A1U and A2. A1U is an urban area developed with residential uses and there is no space for a telecommunication use. Consequently, the subject site is the optimal location.

INDEX

I.	Summary	Page 1
II.	City of Imperial Analysis	Page 2 and 3
III.	City of Imperial Zoning Map	Page 3 and 4
IV.	Imperial County Analysis	Page 5
V.	Imperial County Zoning Map	Page 6
VI.	Imperial County Airport Land Use Commission Map	Page 7

326 Tryon Road, Raleigh, NC 27603
Phone: (919) 661-6351
Website: www.tepgroup.net

II. City of Imperial Analysis

Residential Single Family (R-1)
The minimum height necessary is 120 feet. This height cannot be achieved in this zone, which limits structure height to 35 feet per the following Imperial City Codes:
- 24.03.120.A.10
- Article IV.26-6.e.1
- Article V.26-7.a.4.C

There are no structures within this area that are tall enough to meet the minimum height requirement for this facility. Please reference the propagation maps submitted. Please note, a portion of this area is also within airport zones A and B-1 which restrict height.

Residential Apartment (RA)
The minimum height necessary is 120 feet. This height cannot be achieved in this zone, which limits structure height to 35 feet per the following Imperial City Codes:
- 24.03.120.A.10
- Article IV.26-6.e.1
- Article V.26-7.a.4.C

There are no structures within this area that are tall enough to meet the minimum height requirement for this facility. Please reference the propagation maps submitted.

Residential Low Density (RL)
The minimum height necessary is 120 feet. This height cannot be achieved in this zone, which limits structure height to 35 feet per the following Imperial City Codes:
- 24.03.120.A.10
- Article IV.26-6.e.1
- Article V.26-7.a.4.C

There are no structures within this area that are tall enough to meet the minimum height requirement for this facility. Please reference the propagation maps submitted.

Residential Rural (RR)
The minimum height necessary is 120 feet. This height cannot be achieved in this zone, which limits structure height to 35 feet per the following Imperial City Codes:
- 24.03.120.A.10
- Article IV.26-6.e.1
- Article V.26-7.a.4.C

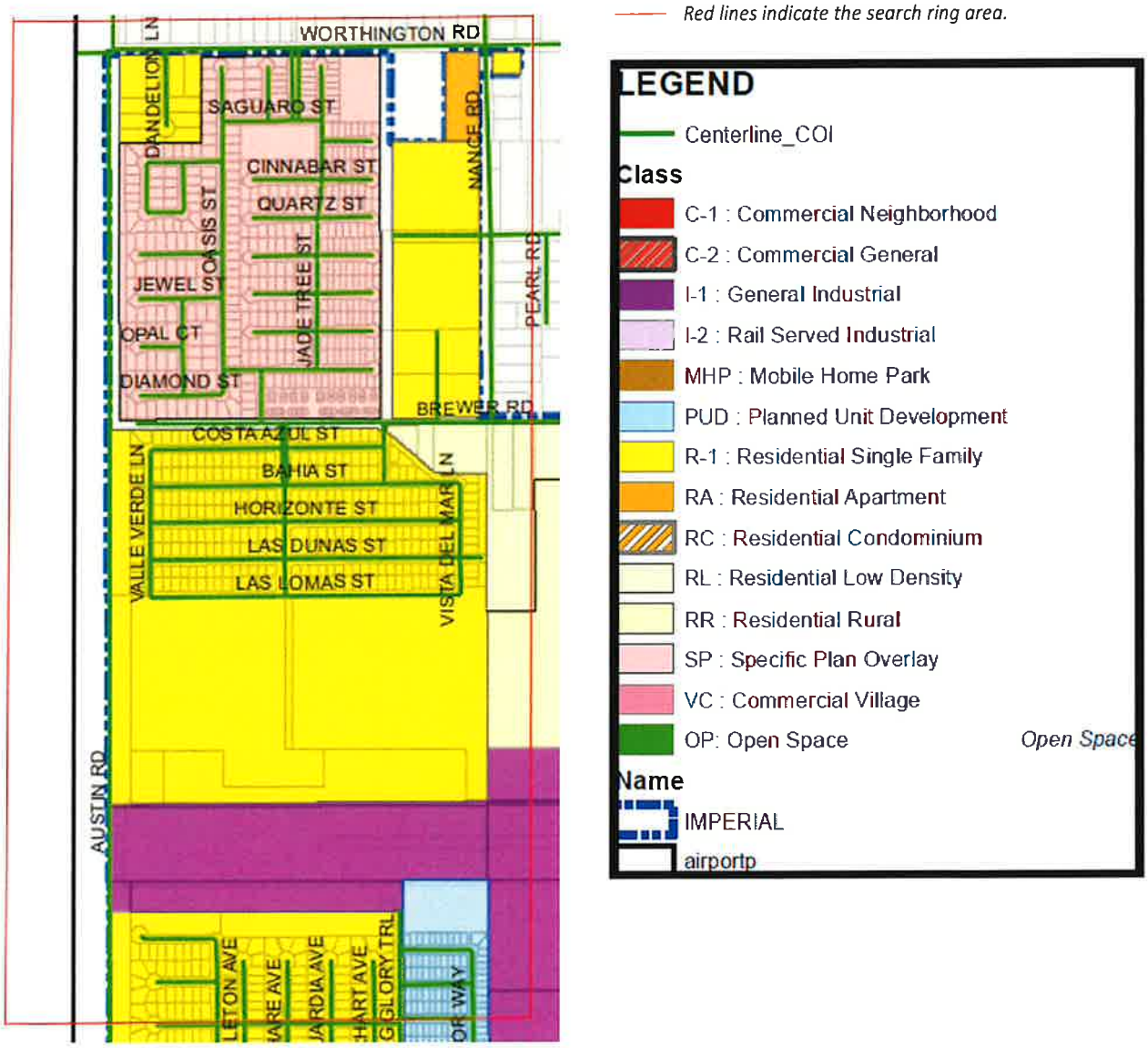
There are no structures within this area that are tall enough to meet the minimum height requirement for this facility. Please reference the propagation maps submitted. Please note, a portion of this area is also within airport zone B-1 which restricts height.

Planned Unit Development (PUD)
There is only one lot that is not developed with an existing residential use. This lot is located in airport zone B1, which restricts height. The lots developed with an existing residential use are too small to accommodate a telecommunication use.

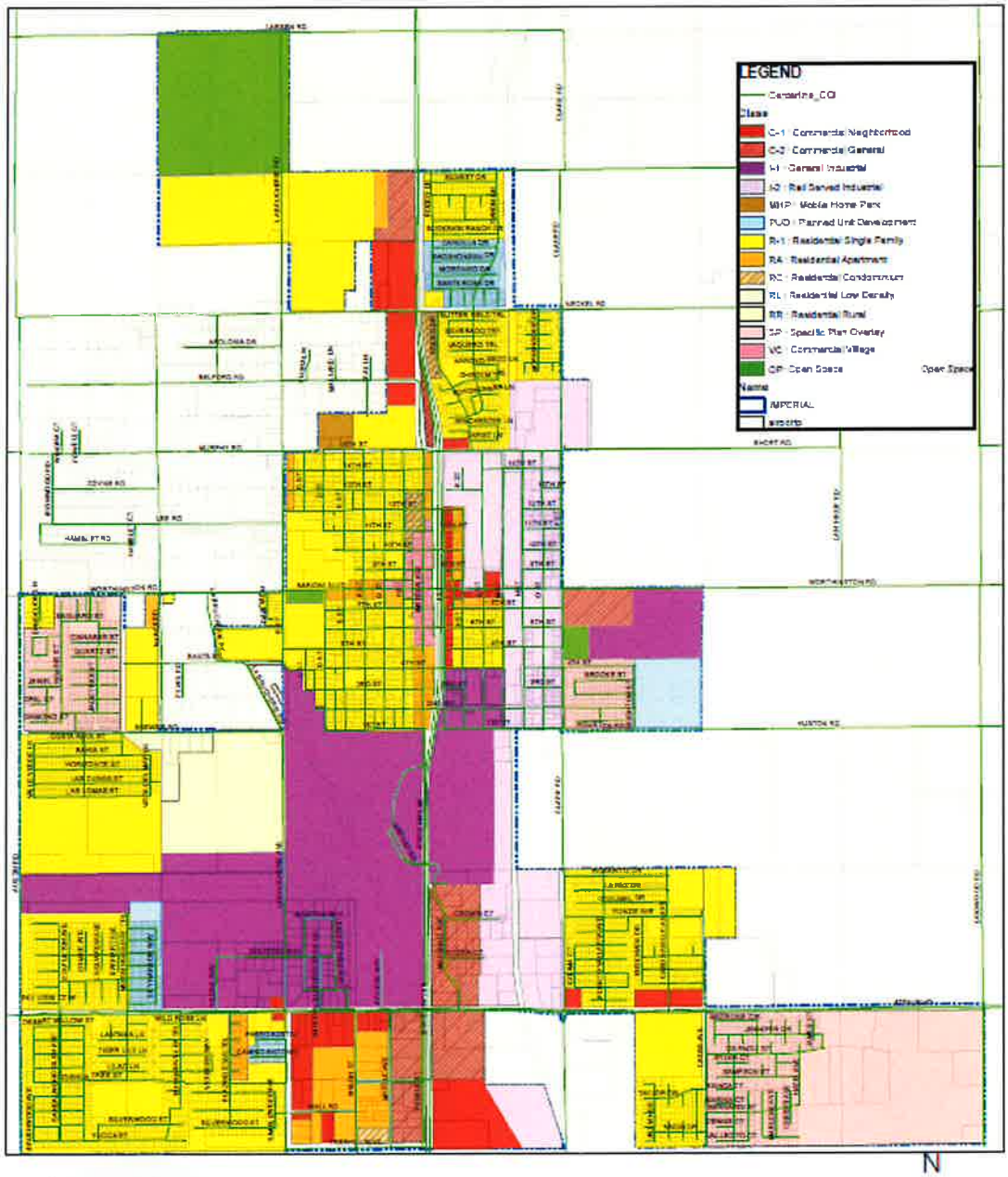
Special Plan Overlay (SP)
There are only two lots which have not been developed with existing residential uses and have space for another use. One lot, parcel 064-014-013, is Savannah Ranch Park. The second lot, parcel 064-015-020 is directly adjacent to a high volume of single-family residential homes, and consequently less preferable than the subject site.

General Industrial (I-1)
May not be utilized due to airport height restrictions. These lots are located in airport zones A and B-1.

III. City of Imperial Zoning Map and Search Ring



Zoning Map



326 Tryon Road, Raleigh, NC 27603
Phone: (919) 661-6351
Website: www.tepgroup.net

IV. Imperial County Analysis

92401.06 - Alternatives analysis—Information required.

For a facility requiring a conditional use permit before the planning commission, an alternatives analysis shall be prepared by or on behalf of the operator, as described below.

A. Alternatives to be Considered. The alternatives analysis shall consider alternative locations and designs for the proposed facility, including those which would not require a conditional use permit. At a minimum, alternatives included in the analysis shall include: (1) co-location at all existing communication facilities whether in the unincorporated area of the county, a city or an adjacent county; (2) lower, more closely spaced communication facilities; and (3) mounting on any existing nonresidential structure within one-half mile of the proposed facility in the unincorporated area of Imperial County. The alternatives analyzed shall be approved by the planning director. For facilities to be located near an incorporated city, the analysis shall also explain why siting within the city is not possible.

Response: The proposed facility is necessary to address a significant gap in T-Mobile's wireless coverage in the area. This deficiency is commonly referred to as a "gap in coverage." To resolve it, a facility must be placed within a specific geographic area—known as the search ring—and at an elevation sufficient to transmit and receive signal across the affected area. The location and 120-foot height of the proposed tower have been carefully selected to meet these technical requirements.

These propagation maps provided show:

- The current lack of adequate coverage in the identified search ring.
- The coverage improvement that will result from the proposed facility at a 120-foot height.
- The substantial reduction in coverage that would result if the tower height is lowered.

Please reference the alternative site analysis which demonstrates these findings.

B. Findings. The alternatives analysis shall show whether or not the proposed siting and design would have the least possible environmental and visual effect on the community and whether any alternative site or design is available that would allow for issuance of a conditional use permit before the planning director for the facility.

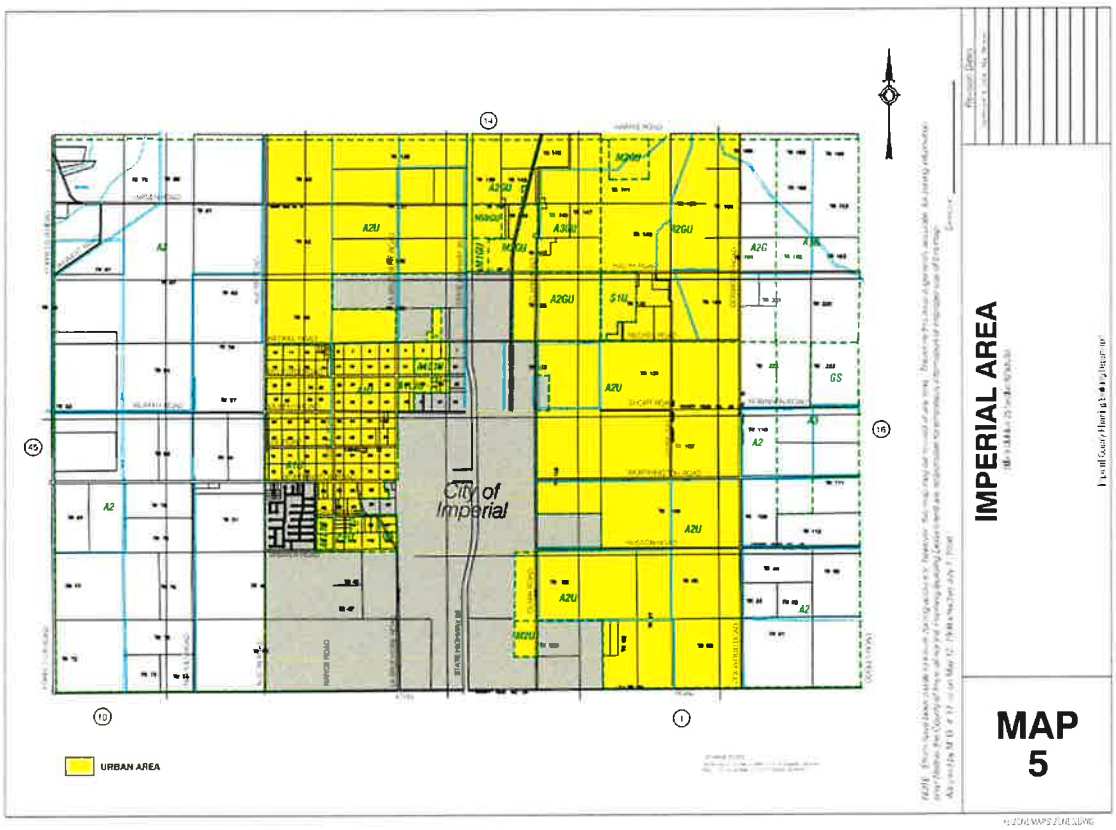
Response: Please reference responses to the City of Imperial Analysis section herein. There are no suitable locations within the city for the various reasons included in that analysis. Importantly, any location selected in the City would have a higher visual impact on the community due to the highly residential composition of the area and lack of screening opportunities, tall structures, or collocation opportunities.

The County zoning analysis identifies only two zones within the search ring—A-2 and A-1(U)—as potential locations for the facility. The A-1(U) properties are developed with residential uses and are

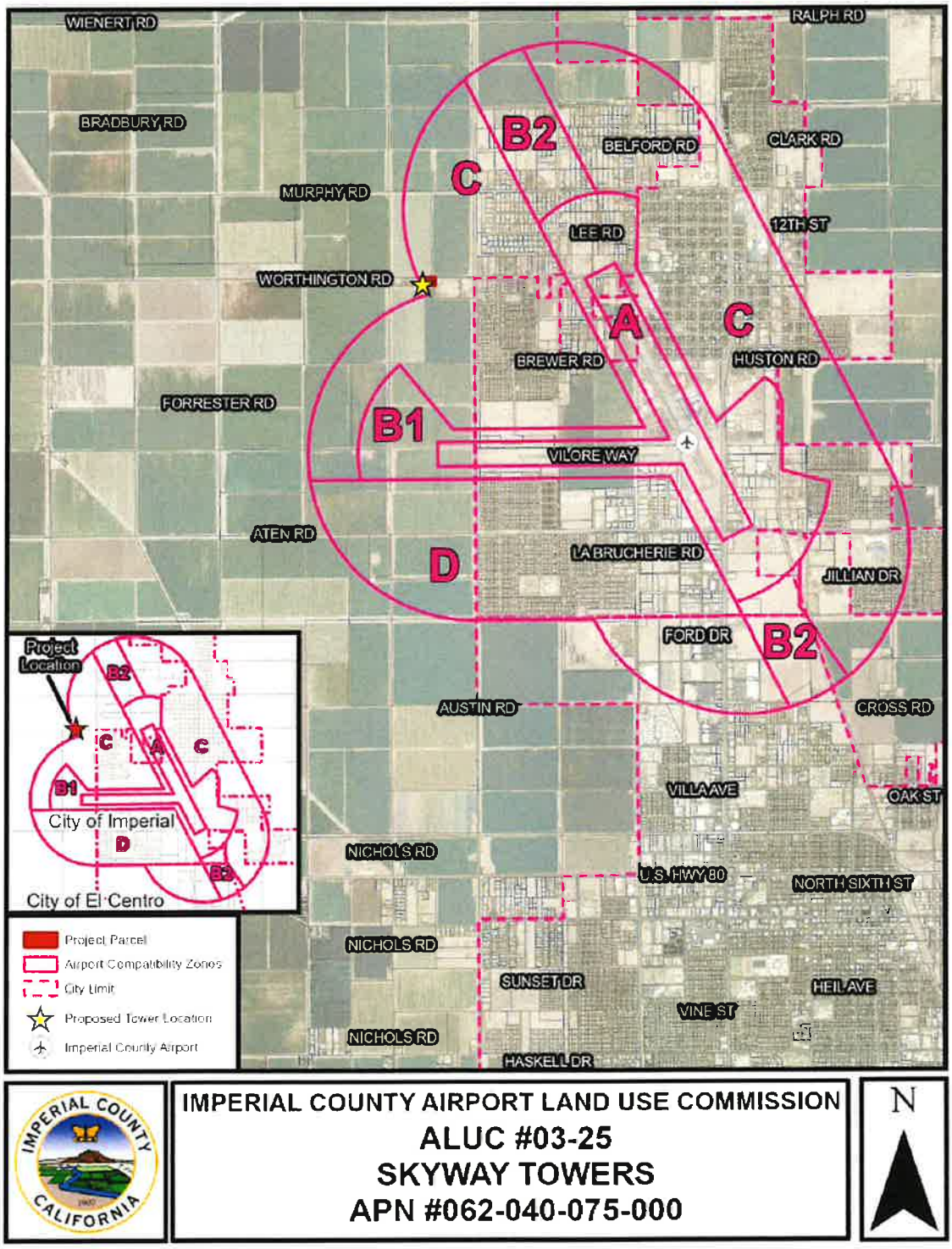
immediately adjacent to high-density residential neighborhoods, making them less suitable for wireless infrastructure. In contrast, the proposed location within the A-2 zone is outside of the high-density residential area. For this reason, the proposed site represents the optimal balance of technical suitability and land use compatibility.

C. Review. The planning director may, at his or her discretion, employ on behalf of the county an independent technical expert to review this alternative analysis. The operator shall bear the reasonable costs of this review.
Response: Acknowledged.

V. Imperial County Zoning Map



V. Imperial County Airport Land Use Commission Map



326 Tryon Road, Raleigh, NC 27603
Phone: (919) 661-6351
Website: www.tepgroup.net

I. Project Description

The Applicant, Skyway Towers c/o TEP OpCo LLC, propose a new telecommunication facility at parcel 062-040-075, which is currently addressed 749 W Worthington Road, Imperial, CA 92251. The subject site is in the jurisdiction of Imperial County and located in zone A-2 (General Agricultural), which is compatible with the general land use designation Agricultural. In the A-2 zone, "communication towers" are a conditional use per Imperial County Code 90508.02.r.

Adjacent and abutting lots contain the same zone and land use designation. Single-family dwellings occupy lots to the east and west. Agricultural fields occupy properties to the north and south.

Communication towers may be approved with a conditional use permit, provided they meet the requirements of Title 9, the regulating zone in Chapter 8, and Section 92401 regarding communication facilities.

Responses to relevant and applicable regulating sections have been included for review in blue.

Index

I.	Project Description	Page 1
II.	Response to Code: Chapter 3 – LAND USE PERMIT (CONDITIONAL USE PERMIT)	Pages 2 - 10
III.	Response to Code: Division 24 – COMMUNICATION FACILITIES	Pages 10 - 29
IV.	Response to Code: Chapter 8 - A-2 (GENERAL AGRICULTURE ZONE) A-2-R (GENERAL AGRICULTURAL/RURAL ZONE)	Pages 29 - 33

II. Responses to Code:
Chapter 3 - LAND USE PERMIT (CONDITIONAL USE PERMIT)

90203.00 - Purpose.

The purpose of this chapter is to define and establish guidelines for the processing of a conditional use permit application.

Response: No response required.

90203.01 - Conditional use permit defined.

A "conditional use permit (CUP)" is a permit issued to a landowner allowing a particular use or activity not allowed as a matter of right within a particular zone. A conditional use permit requires the exercise of judgment and the review of factual issues to determine if the application and resulting limited entitlement will conform to the provisions of this title and is consistent with the general plan. Generally, a conditional use permit consists of a limited entitlement that requires a decision-making body to approve a use subject to conditions or disapprove a particular use and is in the best interest of public convenience and necessity. A conditional use permit runs with the land for the period of time specified in the permit.

Conditional use permits shall be further classified and defined as follows:

A. Minor Conditional Use Permit (CUP-1). Minor conditional use permits typically allow for the following specific uses.
   1. A second dwelling unit (one additional unit);
   2. A domestic water well (less than 1.5 acre feet/year), upon and for the use by a single parcel, and for domestic use only;
   3. A commercial water well with less than five acre feet of water use per year, and for a single commercial use;
   4. A pre-school with less than twenty (20) children;
   5. A day care facility with less than twenty (20) children (under the age of six years);
   6. A limited care facility for the handicapped or elderly not to exceed five users;
   7. Home occupations;
   8. Facilities for abused men/women/children provided it does not exceed five users;
   9. Temporary real estate, temporary construction and other temporary offices;
   10. Limited term special events for limited use.

   Response: Not applicable.

B. Intermediate Conditional Use Permit (CUP-2). An intermediate conditional use permit shall be a permit issued for a project whose total developed value is greater than one hundred thousand one dollars ($100,001.00), but less than one million dollars ($1,000,000.00), including land cost.

Response: The project valuation is within this range, and consequently this project will reviewed as an intermediate condition use permit (CUP-2).

In addition, the following specific projects shall also be considered as intermediate conditional use permit.

1. Churches or other places dedicated exclusively to religious worship;
2. Educational institutions, including schools (except preschools under subsection A of this section);
3. Hospitals, sanitariums and rest homes, including limited care facilities for handicapped or elderly with a capacity in excess of five people;
4. Facilities for abused men/women/children in excess of five users;
5. Facilities owned or operated by non-profit service organizations for their own use.
   Response: Not applicable.

C. Major Conditional Use Permit (CUP-3). A major conditional use permit shall be a permit for a project whose total developed value is greater than one million dollars ($1,000,000.00).

   It further includes any project that does not fall within subsection A or B of this section.
   Response: Not applicable.

D. Each conditional use permit listed within the specified zone indicates the level, (i.e., CUP-1 (minor); CUP-2 (intermediate) and CUP-3 (major)).
   Response: Acknowledged.

90203.02 - Conditional use permit limitations.

A conditional use permit may only be processed for a use specifically identified within each zone or sub-zone, and only if the proposed use conforms to the general plan.

Where a specific use is not listed as an outright use or a use that could be allowed by the conditional use permit, within a zone, that use shall be strictly prohibited except as provided by Section 90203.10. Where a proposed use is in conflict with, or does not conform to the county's general plan, it shall be denied.

If in the determination of staff a proposed use is not consistent with the general plan, staff shall inform the applicant prior to an application being deemed complete. If the applicant withdraws the application at this point (prior to the hearing), the applicant shall be entitled to a full refund of all application fees paid to the department, less the actual cost to notice, advertise and staff costs incurred up to the time a withdrawal request is made.

If the applicant does not withdraw and the project proceeds to the commission, the applicant shall not be entitled to any refund.
Response: The subject site is parcel 062-040-075 and currently addressed 749 W Worthington Road, Imperial, CA 92251. The zone designation is A-2 (General Agricultural).

Communication towers may be approved with a conditional use permit, provided they meet the requirements of Title 9, the regulating zone in Chapter 8, and Section 92401 regarding communication facilities. Please reference Imperial County Code (ICC) 90508.02.r:

> "90508.02 - Uses permitted only with a conditional use permit.
>
> The following uses are permitted in the A-2 Zone provided they meet the requirements of this Title: [...]
>
> r. Communication Towers: including radio, television, cellular, digital, along with the necessary support equipment such as receivers, transmitters, antennas, satellite dishes, relays, etc. (subject to requirements of this zone and Division 24; Section 92401 'Communications Facilities Ordinance' et al)."

Responses to relevant and applicable regulating sections of Imperial County Code and the General Plan have been included for review herein.

90203.03 - Application.

A written application (form provided by the planning and development services department) for a conditional use permit shall be filed with the planning and development services department, accompanied by all information identified under Section 90104.00, along with requisite fee(s) and any other information the department deems necessary.
Response: A written application on a form provided by the planning and development services department for a conditional use permit has been filed with the same, accompanied by all information identified under Section 90104.00 with requisite fees and all other necessary information.

90203.04 - Authority of the planning director.

The planning director is granted authority to investigate, consider, approve and/or deny any minor conditional use permit application. The director acting as a hearing officer shall conduct a duly noticed public hearing and consider all relevant facts, and hear all proponents and opponents. Notice for the hearing shall be provided in accordance with Section 90104.03(A).

> The planning director may administratively, without holding a public hearing, forward a conditional use permit application to the planning commission for hearing.
>
> The planning director shall not have the authority to approve or deny any intermediate or major conditional use permit.

Response: Not applicable – the project is not a minor conditional use permit.

90203.05 - Administrative process by director.

In order to clearly define the administrative process, the following procedures shall be followed by the department/director. This process and its time limits are only applicable to projects that are exempt from CEQA. Any project that requires compliance with CEQA will be processed within the applicable time limits provided by statute.

A. Within ten (10) working days from the receipt of an application, the department shall determine whether the application is complete or incomplete and if found incomplete or inconsistent with the general plan shall return the application to applicant.
B. The department shall within ten (10) working days after deeming the application complete issue a standardized public notice of the proposed project to all property owners as specified in Section 90104.03.
C. Within the ten (10) working days specified under subsection B of this section, the department shall consult with the applicable departments as necessary.
D. An administrative hearing shall be held within thirty (30) working days from the date the application was deemed complete. This hearing shall be open to the public.
E. At the conclusion of the hearing, the director shall approve, conditionally approve or deny the conditional use permit.
F. The director may approve a conditional use permit only if:
    1. Findings can be made that the proposed project is consistent with the general plan;
    2. Findings can be made that this project is consistent with this title;
    3. The director of public works, the director of APCD, director of EHS, and the director of fire/OES have reviewed the proposed project and approved the project;
    4. Public opposition has been considered and all impacts have been mitigated by the imposition of conditions;
    5. Applicant agrees to all conditions and standards required for the project.

Response: Not applicable – the project is not a minor conditional use permit.

90203.06 - Authority of the planning commission.

The planning commission shall have the authority to investigate, review, and approve or deny any conditional use permit application.

The planning commission's decision shall be final unless an appeal, (if so permitted by this title) is made to the board of supervisors and is filed with the clerk of the board within ten (10) calendar days as provided under Section 90101.10.
Response: Acknowledged.

90203.07 - Authority of the board of supervisors.

The board of supervisors shall have the authority to investigate, review, and approve or deny any conditional use permit application upon appeal from the planning commission's decision provided that the appeal is filed according to Section 90101.10. The board of supervisors shall not act upon any conditional use permit that has not first been reviewed by the planning commission and/or that was appealed after the ten (10) day appeal period. The board of supervisors' decision on any conditional use permit shall be final and no reconsideration or rehearing shall be allowed unless such request meets the provisions of Section 90101.10.

Response: Acknowledged.

90203.08 - Notice of hearing.

After acceptance of a completed conditional use permit application and the completion of a full staff report, the commission shall conduct a public hearing on the request. The notice and scheduling of the public hearing shall be pursuant to Section 90104.03(C).
Response: Acknowledged.

90203.09 - Action on a conditional use permit.

An application for a conditional use permit shall be reviewed, and approved, conditionally approved, or denied by the decision-making authority.

The authority may approve or conditionally approve an application only if it finds all of the following:

A. The proposed use is consistent with the goals and policies of the adopted county general plan;
Response: The adopted county general plan map shows the subject site and surrounding properties with the land use designation "Agriculture".

The Land Use Element of the Imperial County General Plan state Goals and Objectives in Section III, pages 36 to 42. Please note, applicable Goals and Objectives are determined by page 43 under Table 3, Land Use Element Policy Matrix.

- *"Commercial Agriculture, Goal 1: Preserve commercial agriculture as a prime economic force."*
  Sub response: Commercial agriculture will not be impacted, as described herein.

- *"Economic Growth, Goal 2: Diversify employment and economic opportunities in the County while preserving agricultural activity."*
  Sub response: Telecommunication service supports the diversification of employment and economic opportunities by enhancing communication, while preserving agricultural activity.

- *"Regional Vision, Goal 3: Achieve balanced economic and residential growth while preserving the unique natural, scenic, and agricultural resources of Imperial County."*
  Sub response:
  - The proposed telecommunication facility design complies with Imperial County Code requirements, which necessitate painting to achieve visual compatibility.
  - Furthermore, the location of the facility is the least visually obtrusive, as outlined by the Alternative Site Analysis submitted.
  - The facility does not impact designated scenic corridors.
  - Economic growth will be bolstered by enhanced communication services.
  - Agricultural resources will not be negatively impacted as described herein; in fact, the provision of telecommunication services will support agricultural business with enhanced communication opportunities.
  - Quality of life is enhanced by infrastructure improvements. E911 services are necessary for the safety of community members.

- The A-2 zone is compatible with the Agricultural land use designation in the General Plan.

- *"Towns and Communities, Goal 4: Preserve and enhance distinctive historic desert towns and newer communities."*
  Sub response: There are no nearby historic designations. The use is compatible and conditionally allowed in the A-2 zone per code. This site is the most optimal to preserve residential neighborhoods, as demonstrated by the Alternative Site Analysis submitted.

- *"Housing Opportunities, Goal 5: Encourage the compatible development of a variety of housing types and densities to accommodate regional population projections and special housing needs."*
  Sub response: Not applicable. This Goal is not included in the General Plan, Page 43, Table 3 Land Use Element Policy Matrix under Agricultural.

- *"Industrial Development, Goal 6: Promote orderly industrial development with suitable and adequately distributed industrial land."*
  Sub response: The proposed use and project is consistent with the Airport Land Use Compatibility Plan.

- *"Extractive Resources, Goal 7: Identify and protect areas of regionally-significant mineral resources which are in locations suitable for extractive uses."*
  Sub response: Not applicable. This Goal is not included in the General Plan, Page 43, Table 3 Land Use Element Policy Matrix under Agricultural.

- *"Public Facilities, Goal 8: Coordinate local land use planning activities among all local jurisdictions and state and federal agencies."*
  Sub response: Not applicable. This Goal is not included in the General Plan, Page 43, Table 3 Land Use Element Policy Matrix under Agricultural.

- *"Protection of Environmental Resources, Goal 9: Identify and preserve significant natural, cultural, and community character resources and the County's air and water quality."*
  Sub response: There are no critical areas or historic designations on the subject site. The telecommunication facility does not generate noise outside of the prescribed limitations in code. The facility does not create any emissions to the air, or any other category mentioned under this goal.

The Land Use Element of the Imperial County General Plan states Implementation Program and Policies in Section IV, pages 43 to 62. Specifically, Subsection 1 Agriculture, page 48 applies to the subject site.

The proposed telecommunication use does not conflict with agricultural operations and will not result in the premature elimination of such agricultural operations. There will be no significant adverse effect on agricultural production.

- The subject site is occupied by a single-family residence and devoid of agricultural production.

- Lots to the east and west are also devoid of agricultural production and are residential.

- The northern and southern lots are used for agricultural production, but the telecommunication facility cannot and will not impact this use in a significant manner.
    - The primary concern raised by community members is that crop dusters fly in this area and do not abide by the law. They are concerned that crop dusters will fly in an illegal manner and crash into the pole. The FAA has not required the tower to be lit and issued a Determination of No Hazard Letter, which was included in this submission.
    - The telecommunication tower is located in airport zone C and complies with the height restrictions. The FAA has not required the tower to be lit and issued a Determination of No Hazard Letter, which was included in this submission.

    - A secondary concern raised by community members is the overall safety of the pole. The pole is maintained on a regular and monthly basis. Emissions are federally regulated by the FCC. The licensing and emissions have been submitted and demonstrate compliance with these regulations. Please reference the NIER, FCC Licenses, and Statements of Compliance. These emissions cannot and will not impact agricultural uses in any manner.

    - The proposed telecommunication facility also cannot and will not have an impact on the movement of agricultural equipment and products on roads located in the agricultural category. One maintenance vehicle will visit the site on a monthly basis and consequently, the nominal nature of this visit does not cause an impact.

    - In fact, telecommunication service enhances communication, thereby supporting agricultural production.

"1. Agriculture
This category is intended to preserve lands for agricultural production and related industries including aquaculture (fish farms), ranging from light to heavy agriculture. Packing and processing of agricultural products may also be allowed in certain areas, and other uses necessary or supportive of agriculture. The Agriculture category includes

most of the central irrigated area known as the Imperial Valley, the Bard/Winterhaven Valley and the south end of the Palo Verde Valley.

Where this designation is applied, agriculture shall be promoted as the principal and dominant use to which all other uses shall be subordinate. Where questions of land use compatibility arise, the burden of proof shall be on the nonagricultural use to clearly demonstrate that an existing or proposed use does not conflict with agricultural operations and will not result in the premature elimination of such agricultural operations. No use should be permitted that would have a significant adverse effect on agricultural production, including food and fiber production, horticulture, floriculture, or animal husbandry.

All non-agricultural uses in any land use category shall be analyzed during the subdivision, zoning, and environmental impact review process for their potential impact on the movement of agricultural equipment and products on roads located in the Agriculture category.

No land shall be removed from the Agriculture category except for annexation to a city, where needed for use by a public agency, for renewable energy purposes in accordance with the Renewable Energy and Transmission Element, where a mapping error may have occurred, or where a clear long term economic benefit to the County can be demonstrated through the planning and environmental review process."

B. The proposed use is consistent with the purpose of the zone or sub-zone within which the use will be located;
Response: The purpose of the A-2 zone is contained in Imperial County Code 90508.00 below. The telecommunication use is listed as conditional in the A-2 zone. Telecommunication support agricultural uses and industry with the provision of enhanced communication and E911 services. There are no negative impacts to agriculture uses, as described herein.

"90508.00 - Purpose and application.
The purpose of the A-2 (general agriculture), [forty-acre minimum] zone is to designate areas that are suitable and intended primarily for agricultural uses (limited) and agricultural related compatible uses."

C. The proposed use is listed as a use within the zone or sub-zone or is found to be similar to a listed conditional use according to the procedures of Section 90203.10;
Response: The proposed use is listed as a use within the zone in 90508.02.r:

"Communication Towers: including radio, television, cellular, digital, along with the necessary support equipment such as receivers, transmitters, antennas, satellite dishes,

relays, etc. (subject to requirements of this zone and Division 24; Section 92401 "Communications Facilities Ordinance" et al)."

D. The proposed use meets the minimum requirements of this title applicable to the use and complies with all applicable laws, ordinances and regulations of the county of Imperial and the state of California;
Response: The proposed use meets the minimum requirements of this title applicable to the use and complies with all applicable laws, ordinances and regulations of the county of Imperial and the state of California as described in the responses herein and submittal documents.

E. The proposed use will not be detrimental to the health, safety, and welfare of the public or to the property and residents in the vicinity;
Response: The proposed use is maintained on a monthly basis. The FAA has issued a Determination of No Hazard for the proposed facility. The proposed project complies with all federal regulations, as evidenced by the submitted FCC Licenses, NIER, and FCC Statement of Compliance.

F. The proposed use does not violate any other law or ordinance;
Response: The proposed use does not violate any other law or ordinance as described herein and in submitted documents.

G. The proposed use is not granting a special privilege.
Response: A variance has not been proposed, so a grant of special privilege is not applicable. The proposed project complies with Imperial County Code and the General Plan.

The decision-making authority shall deny an application if it cannot make all of the above findings.

III. Response to Code:
Division 24 - COMMUNICATION FACILITIES

Chapter 1 - COMMUNICATION FACILITIES

Response: No response necessary.

Chapter 2 – APPLICABILITY

Response: No response necessary.

Chapter 3 – EXEMPTIONS

Response: No response necessary.

Chapter 4 - GENERAL REQUIREMENTS

92401.04 - General requirements.

All new, altered and re-permitted communication facilities in unincorporated areas of Imperial County, with the exception of those exempted under Section 92401.03, shall meet the following general requirements, regardless of the zone in which they are located:

1. Zones. Wireless communication facilities may be located in all base zones which allow such facilities, upon approval of a conditional use permit as described below.
   Response: The subject site is parcel 062-040-075 and currently addressed 749 W Worthington Road, Imperial, CA 92251. The zone designation is A-2 (General Agricultural).

   Communication towers may be approved with a conditional use permit, provided they meet the requirements of Title 9, the regulating zone in Chapter 8, and Section 92401 regarding communication facilities. Please reference Imperial County Code (ICC) 90508.02.r:

   "90508.02 - Uses permitted only with a conditional use permit.
   The following uses are permitted in the A-2 Zone provided they meet the requirements of this Title: *[...]*
   r. Communication Towers: including radio, television, cellular, digital, along with the necessary support equipment such as receivers, transmitters, antennas, satellite dishes, relays, etc. (subject to requirements of this zone and Division 24; Section 92401 'Communications Facilities Ordinance' et al)."

   Responses to relevant and applicable regulating sections have been included for review.

2. Use Permit Required. All wireless communication facilities and all wired or fiber regeneration facilities other than those designated as exempt under Section 92401.03 require a conditional use permit (CUP). To obtain a conditional use permit, a hearing is required before either the planning director or the planning commission, as provided for in this title.
   Response: This project is classified as an intermediate conditional use permit per 90203.01, which will go before the planning commission as provided for in the title.

3. Building Permit Required. All communication facilities shall require a building permit issued by the county of Imperial.
   Response: A building permit will be submitted following conditional use permit approval.

4. Design Consistency with the Surrounding Environment. To the maximum extent feasible, all wireless communication facilities and all regeneration facilities shall blend in with the predominant features of the existing natural and/or built environments in which they are located. To this end, co-location, stealth mounts, structure mounts and ground mounts are particularly encouraged.

Response: There are no co-location opportunities in the area where service is proposed.

Existing structures in this area are not tall enough to achieve technical feasibility.

Grounds mounts are not technically feasible.

There are no trees in the area, so a stealth structure resembling a tree was not considered.

According to other sections of code, painting is required. To this end, the tower will be painted a non-reflective earth tone color to match the predominant features and natural environment. Please reference sheet C-2 of the preliminary plans submitted with this application which state the paint color is "PANTONE 17-1230 MOCHA, PANTONE 14-4318 TPG, OR APPROVED EQUIVELENT".

- "Towers shall either maintain a galvanized steel finish, or, subject to any applicable standards of the FAA, be painted a neutral color so as to reduce visual obstructiveness."
- "All facilities shall be painted or constructed of materials to minimize visual impact. All towers shall be painted in a non-reflective and preferably earth tone colors."

5. Height. All communication facilities shall conform to the following height requirements:
   a. All communication facilities shall be of the minimum functional height, with additional provisions for co-location, as allowed in the respective base zone unless a variance is approved concurrent with a CUP. (For example, if the number of co-locators that a particular facility is designed for is four and the required height is eighty (80) feet, then the allowed height of the facility would be one hundred ten (110) feet and if it is five co-locators, then it would be one hundred twenty (120) feet).
   Response: The maximum height in the A-2 zone is 120 feet per ICC 90508.07.C:

> "90508.07 - Height.
>
> The following height limits apply in the A-2 zone: *[...]*
>
> C. Nonresidential structures and commercial communication towers shall not exceed one hundred twenty (120) feet in height, and shall meet ALUC plan requirements."

The proposed tower is designed to carry three collocation opportunities. T-Mobile is collocating on the proposed facility and has provided a "Predictive Map Request" which models the coverage with and without this facility. These maps demonstrate why the proposed height is the minimum necessary to achieve coverage objectives.

According to 92401.01 Definitions:

> "'Height,' when referring to a tower or other structure, means the distance measured from the finished grade of the parcel to the highest point on the tower or other structure, including the base pad and any antenna."

"Antenna" means any system of towers, poles, panels, rods, wires, drums, reflecting discs or similar devices used for the transmission or reception of electromagnetic waves. The distinction is made between the support structure and the antenna(s) mounted thereon. See also "Satellite dish or satellite antenna."

b. All communication facilities constructed within three-quarters of a mile of a designated scenic corridor (as designated by the Imperial County general plan) shall conform with the height limit in the zone in which they are located. New facilities that are co-located with an existing facility may exceed their zone's height limit, provided that the installation of the new facility does not require a height increase of the existing facility.
Response: Not applicable - there are no known scenic highways within three-quarters of a mile of the proposed project.

c. Outside of the three-quarter-mile range of a designated scenic corridor, communication facility, except an exempt facility, may exceed one hundred twenty (120) feet. A bonus of twenty (20) additional feet per facility, up to a maximum height of three hundred (300) feet, is permissible for operators co-locating on a single facility.
Response: The proposed project is located more than three-quarters of a mile away from a scenic corridor. The proposed facility height is 120'.

d. No roof-mounted wireless communication facility, except an exempt facility, may be more than twelve (12) feet taller than the roof of the building on which it is mounted, unless facility is fully screened and height does not exceed height permitted by applicable zoning code.
Response: Not applicable – this project is not proposed on a roof.

e. If an operator wishes to apply for an exception to these height limitations, then the facility shall be subject to the provisions at this title relating to conditional use permits and variances hearing processes.
Response: Not applicable – the proposed project does not exceed the base zone height limitation of 120' for A-2 (General Agricultural).

6. Screening. All communication facilities shall be screened to the maximum extent possible, pursuant to the following requirements.
   a. Ground- and tower-mounted antennas and all sound structures shall be located within areas where substantial screening by vegetation, landform and/or buildings can be achieved. Additional vegetation and/or other screening may be required as a condition of approval. Each structural screening shall be based on a recommendation from the planning department having addressed the visual impacts, which in some instance may, in fact, warrant no screening.
   Response: The ground equipment will be screened with an 8' CMU wall painted to match the rest of the facility. The facility will be painted to reduce visual impact. This facility is "screened to

the maximum extent possible". Please reference the alternative site analysis, propagation maps, and photo simulations which confirm these facts.

b. The projection of structure-mounted antennas from the face of the structure to which they are attached shall be minimized.
Response: The projection of the antennas from the tower is minimized to the greatest extent possible.

c. Roof-mounted antennas shall be set back from the edge of the roof a distance greater than or equal to the height of the antenna, except when the antennas are fully screened. For roof-mounted antennas, a screening structure that is architecturally compatible with the building on which it is mounted may also be required as a condition of approval. Antenna panels mounted flush on the outside of the parapet wall of an existing building and painted to match the exterior of the building may be allowed.
Response: Not applicable – this project does not propose roof-mounted antennas.

7. Radio-Frequency Exposure. No communication facility shall be sited or operated in such a manner that it poses, either by itself or in combination with other such facilities, a potential threat to public health. To that end, no communication facility or combination of facilities shall produce at any time power densities that exceed the current FCC adopted standards for human exposure to RF fields. Certification that a facility meets this standard is required. A copy of the certification from the FCC shall be submitted to the county.
Response: Telecommunication emissions are both licensed and regulated by the Federal Communication Commission (FCC). Please reference the FCC licenses and NIER provided, which demonstrate compliance with these regulations

8. Cabling. For structure-mounted antennas, all visible cabling between equipment and antennas shall be routed within the building wherever feasible, or on the roof below the parapet wall. Cabling on the exterior of a building or monopole shall be located within cable trays painted to match. All cabling shall be performed in accordance with the NEC (National Electrical Code).
Response: Cabling will be routed within the structure, as possible. When cabling cannot feasibly be routed in the structure, it will be routed within cable trays painted to match, as feasible.

9. Painting and Lighting. All facilities shall be painted or constructed of materials to minimize visual impact. All towers shall be painted in a non-reflective and preferably earth tone colors. All towers shall be lit with approved lighting as required by the FAA and the Airport Land Use Commissions standards.
Response: The FAA did not require a light for this tower. The ALUC Compatibility Plan, page 6-8 standards state, "Visual hazards include distracting lights (particularly lights which can be confused with airfield lights)". Additionally, Imperial County Code states that towers shall not be artificially lighted unless required by the FAA or other applicable authority:

"92401.0419. Lighting.
Towers shall not be artificially lighted, unless required by the FAA or other applicable authority. If lighting is required, the lighting alternatives and design chosen must cause the least disturbance to the surrounding views and community. "

The tower will be painted a non-reflective earth tone color to match the predominant features and natural environment. Please reference sheet C-2 of the preliminary plans submitted with this application which state the paint color is "PANTONE 17-1230 MOCHA, PANTONE 14-4318 TPG, OR APPROVED EQUIVELENT"

10. Noise. All communication facilities shall be designed to minimize noise. If a facility is located in or within one hundred (100) feet of a residential zone, noise attenuation measures shall be included to reduce noise levels to a maximum exterior noise level of fifty (50) Ldn at the facility site's property lines.
    Response: Not applicable – the facility is not located in or within 100 feet of a residential zone. Subject site and adjacent or abutting properties are zoned A-2.

11. Accessory Structures. Enclosures and cabinets housing equipment related to a wireless communication facility shall meet setback and height restrictions for such structures in their zones. Such structures shall appear architecturally compatible (as determined by the planning director evaluating the facility on the basis of color and materials) with their surroundings and be designed to minimize their visual impact. To meet this requirement, underground vaults may be required.
    Response: Please reference base zone code responses herein which meet the requirements. Please reference sheet C-2 of the preliminary plans submitted with this application which state the paint color is "PANTONE 17-1230 MOCHA, PANTONE 14-4318 TPG, OR APPROVED EQUIVELENT". The color is compliant with both code requirements and matches the surrounding environment, which largely constitute agricultural fields that are earth colored tones for the majority of the year.

12. Roads and Parking. Communication facilities shall be served by the minimum roads and parking areas necessary and shall use existing roads and parking areas whenever possible.
    Response: Access to the facility is provided from W Worthington Rd. One parking stall has been added, as indicated and outlined in the zone approval criteria later in this document.

13. Provisions for Future Co-location. All commercial communication facilities shall be encouraged to promote future facility and site sharing. Technical evidence will be provided as to the infeasibility either technical and/or economic, of co-location or grouping prior to the issuance of a new use permit for a facility that would not be considered to be co-located or grouped under this division.
    Response: A total of three carriers may be supported by the proposed tower. Of the three opportunities, two are provided for future collocation.

14. Removal Upon Discontinuation of Use. All equipment associated with a communication facility shall be removed within one hundred eighty (180) days of the discontinuation of the use and the site shall be restored to its original pre-construction condition. The operator's agreeing to such removal and allowing the county access across private property to effect such removal shall be a condition of approval of each permit issued. At its discretion, the county may require a financial guarantee acceptable to the county to ensure removal.
Response: Acknowledged.

15. Principal or Accessory Use. Antennas and towers may be considered either principal or accessory uses. A different existing use of an existing structure on the same lot shall not preclude the installation of an antenna or tower on such lot.
Response: Acknowledged. An existing structure is located on the lot where the telecommunication tower is proposed, so this use would be considered "accessory".

16. Lot Size. For purposes of determining whether the installation of a facility complies with county development regulations, including but not limited to setback requirements, lot-coverage requirements, and other such requirements, the dimensions of the entire lot shall control, even though the antennas or towers may be located on lease parcels within such lot. This shall also take into consideration the height of the tower in the event of a failure whereby it could fall thereby crossing property lines.
Response: Acknowledged. The lease area is setback from the property lines in compliance with base zone regulations as follows:
    - Front setback: 208'-2".
    - Side setback: 53'-3" on the west.
    - Side setback: 378'-2" from the east.
    - Rear setback: 53'-3".

    The tower is setback from all existing structures by more than its height, so no structural fall zone danger exists.

17. Inventory of Existing Sites. Each applicant for a facility shall provide to the planning director an inventory of its existing towers, antennas, or sites approved for facilities, that are either within the jurisdiction of Imperial County or within one mile of the border thereof, including specific information about the location, height and design of each facility. The planning director may share such information with other applicants applying for administrative approvals or special use permits under this division or other organizations seeking to locate facilities within the jurisdiction of Imperial County, provided, however that the planning director is not, by sharing such information, in any way representing or warranting that such sites are available or suitable.
Response: There are no existing facilities within one mile of the subject site's borders. Please reference the alternative site analysis and propagation maps. An inventory of all sites within Imperial County is not applicable, as the need is specific to a specific area identified as the search ring.

18. Aesthetics. Towers and antennas shall meet the following requirements:
    a. Towers shall either maintain a galvanized steel finish, or, subject to any applicable standards of the FAA, be painted a neutral color so as to reduce visual obstructiveness.
    Response: The tower will be painted a non-reflective earth tone color to match the predominant features and natural environment. Please reference sheet C-2 of the preliminary plans submitted with this application which state the paint color is "PANTONE 17-1230 MOCHA. PANTONE 14-4318 TPG, OR APPROVED EQUIVELENT"

    b. At a tower site, the design of the buildings and related structures shall, to the extent possible, use materials, colors, textures, screening, and landscaping that will blend them into the natural setting and surrounding buildings.
    Response: The proposed tower and related structures will blend into the natural setting with paint colors prescribed in code. Please reference sheet C-2 of the preliminary plans submitted with this application which state the paint color is "PANTONE 17-1230 MOCHA, PANTONE 14-4318 TPG, OR APPROVED EQUIVELENT". Landscaping is not required.

    c. If an antenna is installed on a structure other than a tower, the antenna and supporting electrical and mechanical equipment must be of a neutral color that is identical to, or closely compatible with, the color of the supporting structure so as to make the antenna and related equipment as visually unobstructive as possible.
    Response: Not applicable – the proposed project is installed on a tower.

19. Lighting. Towers shall not be artificially lighted, unless required by the FAA or other applicable authority. If lighting is required, the lighting alternatives and design chosen must cause the least disturbance to the surrounding views and community.
    Response: The FAA does not require lighting and consequently, none is proposed. Please reference the FAA's Determination of No Hazard letter submitted with this application.

20. State or Federal Requirements. All towers must meet or exceed current standards and regulations of the FAA, the FCC and any other agency of the state or federal government with the authority to regulate towers and antennas. If such standards and regulations are changed, then the owners of the towers and antennas governed by this division shall bring such towers and antennas into compliance with such revised standards and regulations as mandated by the controlling state or federal agency. Failure to bring towers and antennas into compliance with such revised standards and regulations shall constitute grounds for the removal of the tower or antenna at the owner's expense.
    Response: The proposed tower complies with FAA and FCC regulations. Please reference the FAA Determination of No Hazard letter, FCC licenses, and NIER submitted with this application.

21. Building Codes—Safety Standards. To ensure the structural integrity of towers, the owner of a tower shall ensure that it is maintained in compliance with standards contained in applicable state or local building codes and the applicable standards for towers that are published by the Electronic

Industries Association, as amended from time to time. If, upon inspection, the county concludes that a tower fails to comply with such codes and standards and constitutes a danger to persons or property, then upon notice being provided to the owner of the tower, the owner shall have thirty (30) days to bring such tower into compliance with such standards. Failure to bring such tower into compliance within thirty (30) days shall constitute grounds for the removal of the tower or antenna at the owner's expense.
Response: Acknowledged.

22. Measurement. For purposes of measurement, tower setbacks and separation distances shall be calculated and applied to facilities located in the unincorporated areas of the county of Imperial according to the provisions of this title for the respective base zone.
Response: Please reference the setback responses later in this document, under the base zone approval criteria responses.

23. Not Essential Services. Towers and antennas shall be regulated and permitted pursuant to this division and shall not be regulated or permitted as essential services, public utilities or private utilities.
Response: Acknowledged.

24. Franchises. Owners and/or operators of towers or antennas shall certify that all franchises required by law for the construction and/or operation of a communication system in Imperial County have been obtained and shall file a copy of all required franchises with the planning director.
Response: The proposed facility is not located in public rights-of-way. Accordingly, franchises are not required.

25. Public Notice. For purposes of this division, any conditional use permit request, variance request, or appeal of an administratively approved CUP or special use permit shall require public notice to all abutting property owners and all property owners of properties that are located within the corresponding separation distance listed for a CUP or variance in the respective base zone, under this title, in addition to any notice otherwise required by the planning director.
Response: Acknowledged. Public notice will be provided as required by code and the planning director.

26. Signs. No signs shall be allowed on an antenna or tower except as may be required by law or another permitting or licensing agency.
Response: No signs are proposed outside of those required by federal regulations.

27. Buildings and Support Equipment. Buildings and support equipment associated with antennas or towers shall comply with requirements of this title.
Response: Buildings and support equipment associated with antennas or towers will comply with requirements of this title.

28. Multiple Antenna/Tower Plan. Imperial County encourages the users of towers and antennas to submit a single application for approval of multiple towers and/or antenna sites. Applications for approval of multiple sites shall be given priority in the review process.
Response: Not applicable – the proposed project is for a single telecommunication tower.

Chapter 5 - PERMITTING REQUIREMENTS

92401.05 - Permitting and application requirements.

All communication facilities not specifically exempted from these regulations are subject to one of the two permit processes described below. Both processes include a conditional use permit and may have a concurrent variance. Applications for all permits required pursuant to this division shall be made in writing on a form prescribed by the planning director, and shall be accompanied by plans and data to assure the fullest practical presentation of facts for the permanent record. Such application shall be accompanied by a fee or fees as may be set by the board of supervisors. No part of such fee shall be refundable.

A. Conditional Use Permit Before the planning director. Certain communication facilities may be conditionally approved by the planning director, as described in this subsection.

1. Qualifying Facilities. The following types of communication facilities qualify for a use permit before the planning director:

a. Receive-only radio and television antennas and satellite dishes or antennas that do not qualify for exemption under Section 92401.03, including multiple antennas or dishes on a single parcel;
Response: Not applicable – the proposed project is not for receive-only radio and television antennas or satellite dishes.

b. Amateur radio facilities that do not qualify for exemption under Section 92401.03. When required, a conditional use permit before the planning director shall be granted to amateur radio operators with no fee;
Response: Not applicable – the proposed project is not for amateur radio facilities.

c. Communication facilities installed on publicly owned property, regardless of zone, provided they comply with the general requirements in Section 92401.04 and hold an executed license or lease agreement;
Response: Not applicable – the proposed project is not on publicly owned property.

d. Co-located communication facilities, regardless of zone, provided they comply with the general requirements in Section 92401.04.
Response: Not applicable – the proposed project is a new telecommunication facility.

2. Required Findings. In order for the planning director to approve a proposed communication facility under a conditional use permit, the planning director shall make the findings required for a conditional use permit, as well as, the following additional findings:

   a. The facility complies with all applicable Section 92401.04.
   Response: The facility complies with all applicable requirements in Section 92401.04, as described in the responses provided.

   b. The facility either: (1) does not require an RF environmental evaluation report as described in Section 92401.08; or (2) the RF environmental evaluation report for the facility shows that the cumulative radio-frequency energy emitted by the facility and any near-by facilities will be consistent with FCC regulations.
   Response: Please reference the NIER, which has been submitted with this application.

   c. The facility blends in with its existing environment and will not have significant adverse visual impacts.
   Response: The proposed facility is painted to blend in with the existing environment and subsequently will not have significant adverse visual impacts. Please reference the photo simulations, which were provided with this application. The visual impact is shown from all directions and public rights-of-way. Because the facility is located outside of the City of Imperial, where density is higher, we have provided a complimentary fifth view from the nearest area of this jurisdiction.

3. Administrative Approval Process. The planning director may administratively approve a proposed communication facility by using the following process:

   a. Each applicant for administrative approval shall apply to the planning director providing the information and fees set forth in Section 92401.09.
   Response: The planning director has not reviewed the supplemental materials in order to determine if this project should be administratively approved. The initial determination was based off of information that is no longer applicable, as a different design and height is proposed. Please reference our responses to Section 92401.09 herein.

   b. The planning director shall review the application for administrative approval and determine if the proposed use complies with Sections 92401.04 and 92401.05.
   Response: Acknowledged.

   c. The planning director shall respond to each such application within sixty (60) days after receiving it by either approving or denying the application.
   Response: Acknowledged.

   d. In connection with any such administrative approval, the planning director may, in order to encourage shared use, administratively waive any setback requirements or separation distances between towers in the base zone by up to fifty percent (50%).
   Response: Acknowledged.

   e. In connection with any such administrative approval, the planning director may, in order to encourage the use of monopoles, administratively allow the reconstruction of an

existing tower to monopole construction.
Response: Not applicable – no reconstruction is proposed.

f. If an administrative approval is denied, the applicant shall file an application for a conditional use permit pursuant to subsection B of this section prior to filing any special appeal that may be available under this title.
Response: Acknowledged.

4. List of Administratively Approved Uses. The following uses may be approved by the planning director after conducting an administrative review:

a. Locating a tower, antenna or facility, including the placement of additional buildings or other supporting equipment used in connection with the tower or antenna, in any industrial or heavy commercial zone or a grouped facility;
Response: Not applicable – the base zone is neither industrial, heavy commercial nor is it a grouped facility.

b. Locating antennas or existing structures or towers consistent with the terms of subdivisions (4)(b)(i) and (ii) of this section:

i. Antennas on Existing Structures. Any antenna, which is not attached to a tower, may be approved by the planning director as an accessory use to any commercial, industrial, professional, institutional, or multifamily structure of eight or more dwelling units, provided:

A. The antenna does not extend more than thirty (30) feet above the highest point of the structure;
Response: Not applicable – the proposed project is not an existing structure.
B. The antenna complies with all applicable FCC and FAA regulations;
Response: Not applicable – the proposed project is not an existing structure.
C. The antenna complies with all applicable building codes.
Response: Not applicable – the proposed project is not an existing structure.

ii. Antennas on Existing Towers. An antenna which is attached to an existing tower may be approved by the planning director and, to minimize adverse visual impacts associated with the proliferation and clustering of towers, collocation of antennas by more than one carrier on existing towers shall take precedence over the construction of new towers, provided such collocation is accomplished in a manner consistent with the following:

A. A tower which is modified or reconstructed to accommodate to collocation of an additional antenna shall be of the same tower type as the existing tower, unless the planning director allows reconstruction as a monopole.
Response: Not applicable – the proposed project does not involve an existing tower.

B. Height.

1) An existing tower may be modified or rebuilt to a taller height, not to exceed thirty (30) feet over the tower's existing height, to accommodate the collocation of an additional antenna.
Response: Not applicable – proposed project does not involve an existing tower.

2) The height change referred to in subsection (A)(4)(b)(ii)(B)(1) of this section may only occur one time per communication tower.
Response: Not applicable – proposed project does not involve an existing tower.

3) The additional height referred to in subsection (A)(4)(b)(ii)(C)(1) of this section shall not require an additional distance separation. The tower's premodification height shall be used to calculate such distance separation.
Response: Not applicable – proposed project does not involve an existing tower.

C. Onsite Location.

1) A tower which is being rebuilt to accommodate the collocation of an additional antenna may be moved onsite within fifty (50) feet of its existing location.
Response: Not applicable – proposed project does not involve an existing or rebuilt tower.

2) After the tower is rebuilt to accommodate collocation, only one tower may remain on the site.
Response: Not applicable – proposed project does not involve an existing or rebuilt tower.

3) A relocation onsite tower shall continue to be measured from the original tower location for purposes of calculating separation distances between towers pursuant to the base zone.
Response: Not applicable – proposed project does not involve an existing or rebuilt tower.

4) The onsite relocation of a tower which comes within the separation distances to residential units or residentially zoned lands shall only be permitted when approved by the planning director;
Response: Not applicable – proposed project does not involve an existing or rebuilt tower.

c. New Towers in Nonresidential Zones. Locating any new tower in a nonresidential zone other than industrial or heavy commercial, provided a licensed professional engineer certifies that the tower can structurally accommodate the number of shared users proposed by the applicant; the planning director concludes the tower is in conformity with the goals set forth in Section 92401.00 and the requirements of Section 92401.04; the tower meets all setback and separation requirements of the base zone; and the tower meets the following height and usage criteria:

i. For a single user, up to ninety (90) feet in height,
ii. For two users, up to one hundred twenty (120) feet in height,
iii. For three or more users, up to one hundred twenty (120) feet in height,
iv. For four or more users up to one hundred eighty (180) feet in height;

Response: The proposed tower is 120' which complies with the base A-2 zone limitations. There is space for three carriers on the proposed tower.

d. Locating any alternative tower structure in a zone other than industrial or heavy commercial that in the judgment of the planning director is in conformity with the goals set forth in Section 92401.00;
Response: Please reference the Alternative Site Analysis and propogations maps submitted, which demonstrate why location in an industrial or heavy zommerical zone is not feasible.

e. Installing a cable microcell network through the use of multiple low-powered transmitters/receivers attached to existing wireline systems, such as conventional cable or telephone wires, or similar technology that does not require the use of towers.
Response: Not applicable – a cable microcell network is not proposed.

B. Conditional Use Permit Before the planning commission. All other communication facilities or any facility requiring an exception to these regulations shall require a conditional use permit with a public hearing before the planning commission.

1. Qualifying Facilities. A conditional use permit is required for any communication facility that is not exempt under these regulations and that does not qualify for a conditional use permit before the planning director.
Response: The planning director has not reviewed the supplemental materials in order to determine if this project should be administratively approved. The initial determination was based off of information that is no longer applicable, as a different design and height is proposed.

2. Required Findings. In order for the planning commission to approve a proposed communication facility under a conditional use permit, the commission shall make the findings required for a conditional use permit, as well as the following additional findings:

a. No alternative site or design is available that would allow for issuance of a conditional use permit before the planning director for the facility. This finding shall be based on the results of an alternatives analysis, as described in Section 92401.06.
Response: No alternative site is available. The design proposed complies with code. Please reference the alternative site analysis and propogation maps.

b. The facility either: (1) does not require an RF environmental evaluation report as described in Section 92401.08; or (2) the RF environmental evaluation report for the facility shows that the cumulative radio-frequency exposure emitted by the facility and any near-by facilities will be consistent with FCC regulations.
Response: Please reference the NIER submitted which confirms compliance with FCC

regulations.

c. The facility blends in with its existing environment and will not have significant visual impacts.
Response: The facility is painted, as required by code, and blends with its existing environment as demonstrated by the photo-simulations. This facility does not have a significant visual impact, as demonstrated by the photo-simulations. The facility is in a largely undeveloped and unused area. Views from the City of Imperial confirm that the facility can barely be seen.

3. Conditional Use Permit Process. Applications for conditional use permits under this subsection shall conform to the requirements of Section 92401.04 and shall be subject to the procedures and requirements of this title relating to the granting of conditional use permits.
Response: Acknowledged.

4. Conditions. In granting a conditional use permit, the planning commission may impose conditions to the extent the planning commission concludes such conditions are necessary to minimize any adverse effects of the proposed facilities on adjoining properties.
Response: Acknowledged.

5. Professional Engineer. Any information of an engineering nature that the applicant submits, whether civil, mechanical or electrical, shall be certified by a licensed professional engineer.
Response: Acknowledged.

Chapter 6 - ALTERNATIVES ANALYSIS/INFORMATION REQUIRED

92401.06 - Alternatives analysis—Information required.

For a facility requiring a conditional use permit before the planning commission, an alternatives analysis shall be prepared by or on behalf of the operator, as described below.

A. Alternatives to be Considered. The alternatives analysis shall consider alternative locations and designs for the proposed facility, including those which would not require a conditional use permit. At a minimum, alternatives included in the analysis shall include: (1) co-location at all existing communication facilities whether in the unincorporated area of the county, a city or an adjacent county; (2) lower, more closely spaced communication facilities; and (3) mounting on any existing nonresidential structure within one-half mile of the proposed facility in the unincorporated area of Imperial County. The alternatives analyzed shall be approved by the planning director. For facilities to be located near an incorporated city, the analysis shall also explain why siting within the city is not possible.
Response: Please reference the alternative site analysis, which includes responses to this section.

B. Findings. The alternatives analysis shall show whether or not the proposed siting and design would have the least possible environmental and visual effect on the community and whether any

alternative site or design is available that would allow for issuance of a conditional use permit before the planning director for the facility.
Response: Please reference the alternative site analysis, which includes responses to this section.

C. Review. The planning director may, at his or her discretion, employ on behalf of the county an independent technical expert to review this alternative analysis. The operator shall bear the reasonable costs of this review.
Response: Acknowledged.

Chapter 7 - VISUAL ANALYSIS

92401.07 - Visual analysis.
For a facility requiring review before the planning commission and located within one-half mile of a designated scenic highway, a visual analysis shall be prepared by or on behalf of the operator, as described below. This visual analysis shall demonstrate compliance with provisions of the Imperial County general plan.

A. Contents. The visual analysis shall include at a minimum the following contents.
   1. A map of the visual units (as defined in the scenic highway element) from which the proposed facility will be visible;
      Response: Not applicable – facility is not within one-half mile of a designated scenic highway.

   2. A map of foreground and distant view components, as defined by the scenic highway element;3.A narrative discussion of the visual impact of the proposed facility based on the items above.
      Response: Not applicable – facility is not within one-half mile of a designated scenic highway.

B. Findings. The visual assessment shall compare the proposed facility's visual impacts to the criteria contained in the Imperial County general plan circulation and scenic highway element. It shall make conclusions as to whether the facility would comply with the element and suggest changes to the facility that would make it more compatible with the element.
Response: Not applicable – facility is not within one-half mile of a designated scenic highway.

Chapter 8 - RADIO FREQUENCY EXPOSURE REVIEW

92401.08 - Radio frequency exposure review.
An RF environmental evaluation report shall be prepared for any proposed communication facility meeting the specifications below. In order for a proposed facility that requires an RF environmental evaluation report to be approved, the report must demonstrate that RF emissions from the facility in combination with existing RF emissions from nearby facilities will meet the current FCC adopted exposure standard.

A. Facilities Requiring an RF Environmental Evaluation Report. Wireless communication facilities meeting any of the following criteria require an RF environmental evaluation report before they may be permitted under these regulations:

1. Facilities described in Table 1 Section 1.1307 "Transmitters, Facilities and Operations Subject to Routine Environmental Evaluation" of the FCC Rules and Regulations, 47 C.F.R. § 1.1307, or any superseding regulation.
   Response: Please reference the NIER submitted with this application.

2. Facilities proposed to be installed within fifty (50) feet of an existing communication facility.
   Response: Not applicable – proposed facility is not within fifty (50) feet of an existing communication facility.

3. Facilities with one or more antenna to be installed less than ten (10) feet above any area that is accessible to untrained workers or the public.
   Response: Not applicable – facility and associated antenna are not to be installed less than ten (10) feet above any area that is accessible to untrained workers or the public.

B. Evaluation Report Requirements. The RF environmental evaluation report shall meet the following requirements:

1. The RF environmental evaluation report is subject to approval of the planning director.
   Response: Acknowledged.

2. The RF environmental evaluation report shall be prepared by a radio frequency exposure professional.
   Response: The NIER report submitted with this application was produced by RF Professionals who are certified by the International Association for Radio, Telecommunications and Electromagnetics (iNARTE), Society of Broadcast Engineers, as well as being FCC licensed.

3. The RF environmental evaluation report shall explicitly state that "operation of the proposed facility in addition to other ambient RF emission levels will not exceed current FCC-adopted standards with regard to human exposure in controlled and uncontrolled areas as defined by the FCC."
   Response: Please reference page 5 of the NIER report submitted with this application. This site will be compliant.

4. Assumptions utilized for the calculations of RF exposure shall be conservative in nature and at a minimum be in accordance with the most recent FCC guidance on assessment of RF exposures.
   Response: Calculations use maximum power and utilization to provide a worst-case scenario.

5. The RF environmental evaluation report shall compare RF measurements and/or calculations of RF exposure to the applicable FCC exposure standard. The comparison shall include the power density in micro-watts per square centimeter and as a percentage of the applicable FCC exposure standard.
   Response: Please reference the NIER submitted. MPE limits are referenced to microwatts per square centimeter and as a percentage of the applicable FCC exposure standard. The facility is compliant with the applicable FCC exposure standard.

6. RF field measurements of power density of the proposed facility and/or surrounding facilities are required to be included in the RF environmental evaluation report when:
   a. Adequate technical information regarding other wireless communication facilities that may substantially contribute to RF exposure at the subject site is unavailable;
   b. Calculations of RF exposure indicate the possibility of exposures in excess of the FCC exposure standard; or
   c. So directed by the planning director because of concerns about the number of nearby facilities.
   Response: No field measurements are required at this site.

7. All required RF field measurements shall be performed by a radio frequency exposure professional. Evidence must be submitted showing that the testing instrument(s) used were calibrated within their manufacturer's suggested periodic calibration interval, and that the calibration is by methods traceable to the National Institute of Standards and Technology. Measurements shall be performed in compliance with FCC guidance regarding the measurement of RF emissions and shall be conducted during normal business hours on a non-holiday weekday.
   Response: No field measurements are required at this site.

8. The planning director or his/her designee may monitor the performance of testing required for preparation of the RF environmental evaluation report. The cost of such monitoring shall be borne by the operator.
   Response: Acknowledged.

9. For an amateur radio station facility, self-certification of compliance by the amateur radio station license is acceptable if permitted by FCC regulations and conducted under standards and procedures set forth by the FCC.
   Response: Not applicable – proposed facility is not an amateur radio station facility.

Chapter 9 - TOWERS

92401.09 - Information required.

In addition to any information required for applications for conditional use permits pursuant to this division and Title 9, applicants for a conditional use permit for a tower shall submit the following information:

A. A scaled site plan clearly indicating the location, type and height of the proposed tower, on-site land uses and base zoning, adjacent land uses and zoning (including when adjacent to other municipalities), general plan designation of the site and all properties, adjacent roadways, proposed means of access, setbacks from property lines, elevations drawings of the proposed tower and any other structures, topography, parking and other information deemed by the planning director to be necessary to assess compliance with this ordinance.
   Response: A site plan with the described information has been provided with this application.

B. Legal description of the parent tract and leased parcel (if applicable).
Response: The legal description of the leased parcel has been provided with this application.

C. The setback distance between the proposed tower and the nearest residential unit, platted residentially zoned properties, and unplatted residentially zoned properties.
Response: The existing residential building is setback more than 211'-10" from the facility. Please reference the site plan submitted.

D. The separation distance from other towers described in the inventory of existing sites shall be shown on an updated site plan or map. The applicant shall also identify the type of construction of the existing tower(s) and the owner/operator of the existing tower(s), if known.
Response: There are no existing facilities within the search area. The applicant identifies the type of construction and owner/operator of the proposed tower.

E. A landscape plan showing specific landscape materials.
Response: Landscaping is not required by the base zone, as previously asserted.

F. Method of fencing and finished color, and if applicable, the method of camouflage and illumination.
Response: The facility will be painted "PANTONE 17-1230 MOCHA, PANTONE 14-4318 TPG, OR APPROVED EQUIVELENT". The ground equipment will be screened with an 8' CMU wall painted to match the rest of the facility. No illumination is currently proposed.

G. A description of compliance with Section 92401.04, as well as the provisions of Title 9, and all other applicable federal, state or local laws.
Response: Please reference our responses to Section 92401.04 herein, as well as applicable provisions of Title 9, federal, state, or local laws.

H. A notarized statement by the applicant as to whether the construction of the tower will accommodate the collocation of additional antennas for future users.
Response: This document has been provided.

I. Identification of the entities providing the backhaul network for the tower(s) described in the application and other cellular sites owned or operated by the applicant in the county.
Response: There are no cellular sites available in the search ring. The entity providing backhaul network will be determined during the building permit process.

J. A description of the suitability of the use of existing towers, other structures or alternative technology not requiring the use of towers or structures.
Response: Please reference our responses to the Alternative Site Analysis herein. There are no alternatives for technology or existing towers and structures.

Chapter 10 - MODIFICATIONS TO FACILITIES

Response: Not applicable – the proposed project is not a modification to an existing facility.

Chapter 12 - LIFE OF APPROVAL

Response: No response necessary.

Chapter 13 - FACILITIES IN EXISTENCE PRIOR TO ADOPTION OF THESE REGULATIONS

Response: Not applicable – the proposed project was not in existence prior to the adoption of these regulations.

Chapter 14 - PUBLIC BENEFIT

Response: No response necessary.

IV. Response to Code: Chapter 8 - A-2 (GENERAL AGRICULTURE ZONE) A-2-R (GENERAL AGRICULTURAL/RURAL ZONE) *[...]*

90508.02 - Uses permitted only with a conditional use permit. *[...]*

r. Communication Towers: including radio, television, cellular, digital, along with the necessary support equipment such as receivers, transmitters, antennas, satellite dishes, relays, etc. (subject to requirements of this zone and Division 24; Section 92401 "Communications Facilities Ordinance" et al).

Response: Approval criteria responses to Section 92401 regulating communication facilities are provided within this document.

[...]

90508.06 - Yards and setbacks.

The following yard setback requirements shall apply in the A-2 zone:

A. Front Yard. Except as otherwise provided, the front yard minimum setback for all buildings shall be as follows:
   The minimum front yard setback for all buildings within the A-2 zone shall be thirty (30) feet from the front yard property line or edge of public right-of-way, or in absence of a known (identifiable) property line, eighty (80) feet from centerline of any existing or proposed secondary road or highway. In no case shall the front yard minimum setback be less than thirty (30) feet from the edge of right-of-way.
   Response: The proposed tower setback is 228'-1" and the proposed lease area setback is 208'-2". Please reference the overall site plan submitted, sheet C-1.

B. Side Yard. Except as otherwise provided, the side yard minimum setback for all buildings shall be as follows:

Side yard setback on each side of any building of not less than five feet, except that on street sides of a corner lot, the building shall be setback a minimum of thirty (30) feet from the edge of right-of-way.
Response: The proposed tower setback is 73'-4" from the western property line and 398'-2" from the eastern property line. The proposed lease area setback is 53'-3" from the western property line and 378'-2" from the eastern property line. Please reference the overall site plan submitted, sheet C-1.

C. Rear Yard. Except as otherwise provided, the rear yard minimum setback for all buildings shall be as follows:
There shall be a rear yard setback of not less than ten (10) feet for all structures, except that in the case of through lots that designate rear yard shall be the equivalent of the front yard.
Response: The proposed tower setback is 37"-7" and the proposed lease area setback is 17'-7". Please reference the overall site plan submitted, sheet C-1.

90508.07 - Height.
The following height limits apply in the A-2 zone:

A. Residential buildings shall not exceed three stories in height or forty (40) feet.
Response: Not applicable – this project does not propose residential buildings.

B. Radio and television antennae, chimney and other residential accessory features, structures, shall not exceed sixty (60) feet in height and as may be required by airport land use compatibility plan (ALUCP).
Response: Not applicable – this project does not propose accessory residential features or structures. Height limitations are dictated by subsection "C" of the same.

C. Nonresidential structures and commercial communication towers shall not exceed one hundred twenty (120) feet in height, and shall meet ALUC plan requirements.
Response: The proposed tower is 120'. The FAA issued a Determination of No Hazard Letter.

D. All height limits shall also be subject to the restrictions of other divisions including airport approach zones, etc.
Response: The subject site is located in Airport Zone C, "Common Traffic Patterns" per 90601.04. According to 90601.06.B, "The height limit for each type of zone is hereby established and shown within the adopted Airport Land Use Compatibility Plan."

Airport Land Use Compatibility Plan, Pages 2-18 and 19 (actual 25 and 26 of 128) state the following regarding height in Zone C:

- "Height Limits - The criteria for limiting the height of structures, trees and other objects in the vicinity of an airport shall be set in accordance with Part 77, Subpart C, of the Federal Aviation Regulations and with the United States Standard for Terminal Instrument Procedures (TERPS). Airspace plans for each airport which depict the critical areas for airspace protection are provided in Chapter 4."

- "Minimum Restriction - Other than within Compatibility Zones A and B, no restrictions shall be set which limit the height of structures, trees, or other objects to less than 35 feet above the level of the ground on which they are located even if the terrain or objects on the ground may penetrate Federal Aviation Regulations Part 77 surfaces."

- "In locations within Compatibility Zones C and D where the ground level exceeds or comes within 35 feet of a Part 77 surface, dedication of an avigation easement limiting heights to 35 feet shall be required in accordance with Paragraph 3. (This policy may be applicable to future airports; there are no such locations near the existing airports in Imperial County.)"

90508.08 - Minimum distance between structures.
The following requirements shall apply to the minimum distance between structures in the A-2 zone:

A. There shall be least ten (10) feet between any residential structure and a residential accessory structure.
Response: Not applicable – the proposed project is not residential.

B. There shall be at least fifteen (15) feet between residential structures.
Response: Not applicable – the proposed project is not residential.

C. There shall be at least fifty (50) feet between any residential structure and a non-residential structure housing animals, including pens, coops, stables, barns.
Response: Not applicable – the proposed project is not residential nor is it a non-residential structure housing animals.

D. There shall be a minimum of one hundred (100) feet between any sanitary disposal system and a groundwater well.
Response: Not applicable – this project is unoccupied and does not propose a sanitary disposal system or a groundwater well.

E. There shall be at least one hundred (100) feet between any structure/pen housing animals and a groundwater well or potable water supply.
Response: Not applicable – this project does not propose a structure/pen housing animals.

90508.09 - Parking.
Off-street parking in the A-2 zone shall be provided in accordance with the requirements of Section 90402.01(A), residential uses. Each single-family dwelling shall meet this requirement. Additional parking shall be required for accessory or secondary uses.
Response: The proposed project isa secondary use. Chapter 2 – OFF STREET PARKING does not specifically state a parking requirement for this use. However, 90402.04 – Unlisted use states, "Where a proposed use is not listed within this chapter, the planning and development services department shall determine the parking needs based on the list of uses, which most nearly resemble the proposed use. The department may use national or state standards or guidelines for determining parking needs." Consequently, one parking stall has been provided. Please reference the site plan.

90508.10 - Signs.
The following signs shall be permitted in the A-2 zone; however, all signs shall be subject to Section 90401 as applicable:

1. Temporary real estate signs not exceeding twenty (20) square feet, and advertising the property for sale or lease, and meeting requirements of Division 4, Chapter 1, of this title.
   Response: Not applicable.

2. Temporary construction signs related to construction on said property, meeting requirements of Division 4, Chapter 1.
   Response: Not applicable.

3. Temporary political, religious, civic and campaigning signs not to exceed three months, meeting requirements of Division 4, Chapter 1.
   Response: Not applicable.

4. Signs approved in conjunction with a Conditional Use Permit approved for the site.
   Response: Warning signs, as required by federal law, have been installed. Consequently, they are approved under subsection 4. Please reference the plans.

5. Temporary agricultural signs as allowed by Section 90401.10.
   Response: Not applicable.

90508.11 - Landscaping.
Landscaping for nonresidential development in the A-2 zone shall be the same as the M-1 zone (excluding crop and tree farming). Landscaping for residential development shall be the same as the R-1 zone.
Response: Landscaping is not required as defined below.

This section states that landscaping in the A-2 zone is the same as the M-1 zone. The M-1 zone landscaping regulations are found in 90515.11, which states:

> *"90515.11 - Landscaping.*
> *Landscaping in the M-1 zone shall be provided according to Section 90302.03."*

The section referenced, 90302.03, states that landscaping standards apply to instrial and manufacturing uses:

> *"The following standards shall apply to landscaping for industrial/manufacturing uses".*

The proposed use is not categorized as "industrial/manufacturing". Please reference the definitions section for comunication facilities which pervasively and singularly categorizes this use as "commercial":

> *"92401.01 – Definitions [...]*
> *'Commercial wireless communication facility' means a wireless communication facility operated by a for-profit business, and includes commercial private wireless communication facilities and commercial public wireless communication facilities."*

90508.12 - Special review procedures and development standards

Response: Not applicable – this project does not include a temporary farm stand, mobile home, recreational vehicle, or temporary visitors use.

Collocation Agreement
Skyway Towers CA-00436 Imperial

In accordance with Imperial County Code, the Applicant, Skyway Towers, agrees to provide for and allow the collocation of additional antennas for future users. The support structure is designed to support two additional collocations; however, collocations must receive required entitlements (i.e. land use approvals, building permits, etc.), enter acceptable lease terms, and the structure must be able to structurally support the facilities to maintain safety.

> "Imperial County Code (ICC) 92401.09 - Information required.
> In addition to any information required for applications for conditional use permits pursuant to this division and Title 9, applicants for a conditional use permit for a tower shall submit the following information: *[...]*
> H. A notarized statement by the applicant as to whether the construction of the tower will accommodate the collocation of additional antennas for future users."

APPLICANT
Applicant Company: Skyway Towers, LLC
Applicant Signatory Title: Vice President
Applicant Signatory Name: Justin Jones
Signature: _____ Date: 6/11/2025

STATE OF FLORIDA
COUNTY OF Hillsborough } S.S.

On June 11th, 2025 before me,
Chloe Santos, personally appeared
Justin Jones, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

CHLOE SANTOS
MY COMMISSION # HH 681923
EXPIRES: May 31, 2029

IMPERIAL (CA-00435) TOWER
IMPERIAL COUNTY, CALIFORNIA
CULTURAL RESOURCE ASSESSMENT REPORT



Signature of Principal Investigator

09/26/2024

Date

Prepared by: Garrett Johnson, MA, RA
TEP Opco, LLC
326 Tryon Road
Raleigh, NC 27603-3530
919-661-6351
gjohnson@tepgroup.net

Prepared for: Skyway Towers
3637 Madaca Ln.
Tampa Florida, 33618

Lead Agency: FCC
TCNS # 283354

September 26, 2024

Table of Contents

ABSTRACT iii
INTRODUCTION TO THE PROJECT 1
ENVIRONMENTAL SETTING 7
CULTURAL SETTING 13
Background of Imperial County 13
PREVIOUS INVESTIGATIONS AND SUMMARY OF KNOWN SITES 14
CHRIS Search Results/Previous Research 14
FIELD METHODS 14
Evaluation of Direct Effects 14
Evaluation of Visual Effects 14
SUMMARY AND RECOMMENDATIONS 14
REFERENCES 16

ABSTRACT

TEP is assisting Skyway Towers with the proposed construction of a 120-ft (125-ft overall with appurtenances) AGL monopole telecommunications tower facility. The proposed tower is to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). Installation of the telecommunications equipment is regulated by the Federal Communications Commission (FCC).

TEP conducted a cultural resources assessment of the project's direct and indirect/visual effects to meet the requirements of Section 106 of the National Historic Preservation Act (NHPA) and the Federal Communications Commission (FCC) Nationwide Programmatic Agreement (NPA) of October 4, 2004. This report summarizes the results of TEP's investigations.

Background research requested by TEP personnel and fulfilled by the South Coastal Information Center at San Diego State University on July 23, 2024, resulted in the identification of no (0) historic properties within the direct Area of Potential Effect and no (0) eligible to be listed or listed on the National Register of Historic Places (NRHP) within the potential visual Area of Potential Effect (APE). TEP conducted an archaeological investigation on August 27, 2024, and we recommend that the project will have no effect on historic properties as **no historic properties were identified within the direct APE**.

INTRODUCTION TO THE PROJECT

TEP is assisting Skyway Towers with the proposed construction of a 120-ft (125-ft overall with appurtenances) AGL monopole telecommunications tower facility. The proposed tower is to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). Installation of the telecommunications equipment is regulated by the Federal Communications Commission (FCC).

The proposed undertaking (**Figures 1-5**) consists of the 120-ft (125-ft overall with appurtenances) AGL monopole communications tower. Additionally, a proposed 40-ft x 40-ft fenced tower compound, a proposed 30-ft wide x approximately 210-ft long access easement and utility easement, and a proposed 5-ft x approximately 495-ft utility easement. These areas are herein referred to as the direct APE and total approximately 9,500-ft^2 (~0.22-acres).

Also pursuant to the Nationwide PA (FCC 2004), the APE for visual effects is the geographic area in which the undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a historic property that makes it eligible for listing on the National Register of Historic Places (NRHP). As the proposed tower is 200-ft tall or under, the APE for visual effects is a 0.5-mile radius from the proposed tower site.

A search of the California Historical Resources Information System's (CHRIS) database was submitted on July 14, 2024 and fulfilled by Jamie Lennox of the South Coastal Information Center at San Diego State University on July 23, 2024. The file search of the 0.5-mile radius identified no (0) historic properties within the direct APE, and no (0) historic properties within the 0.5-mi visual APE listed or recorded as eligible for listing in the NRHP.

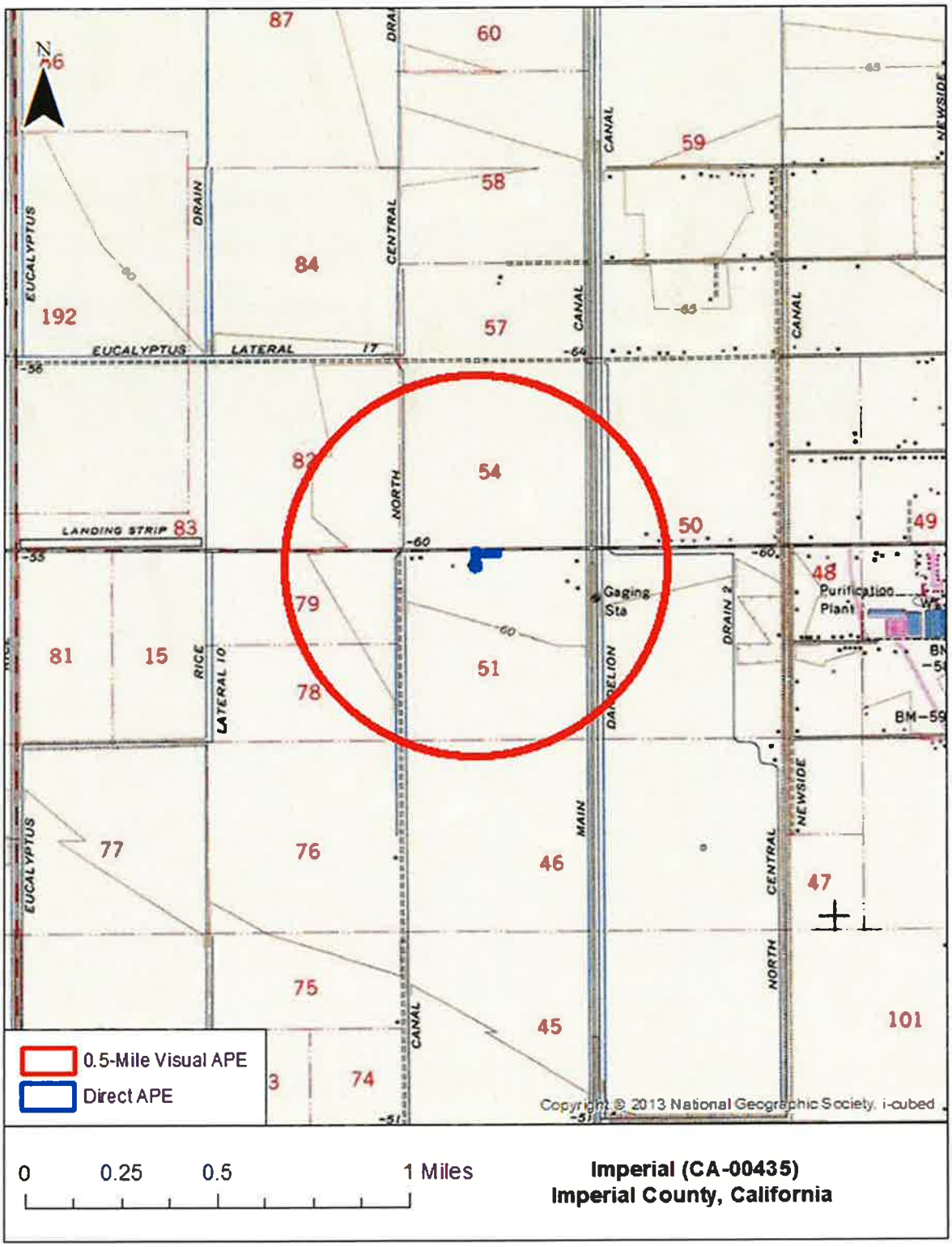


Figure 1: Project Location (El Centro, CA USGS 7.5-Minute Topographic Quadrangles)

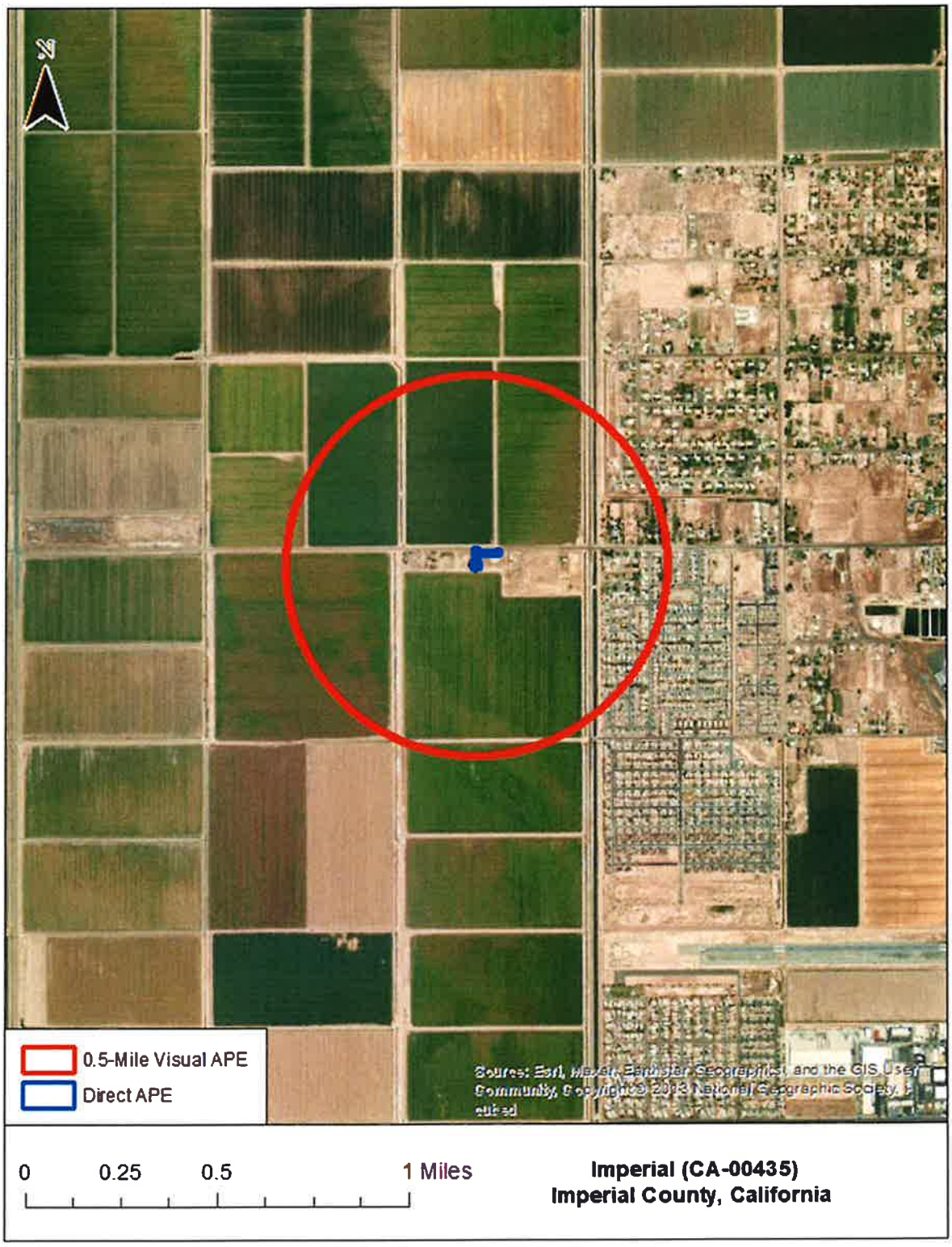


Figure 2: Aerial Photograph of Project Area

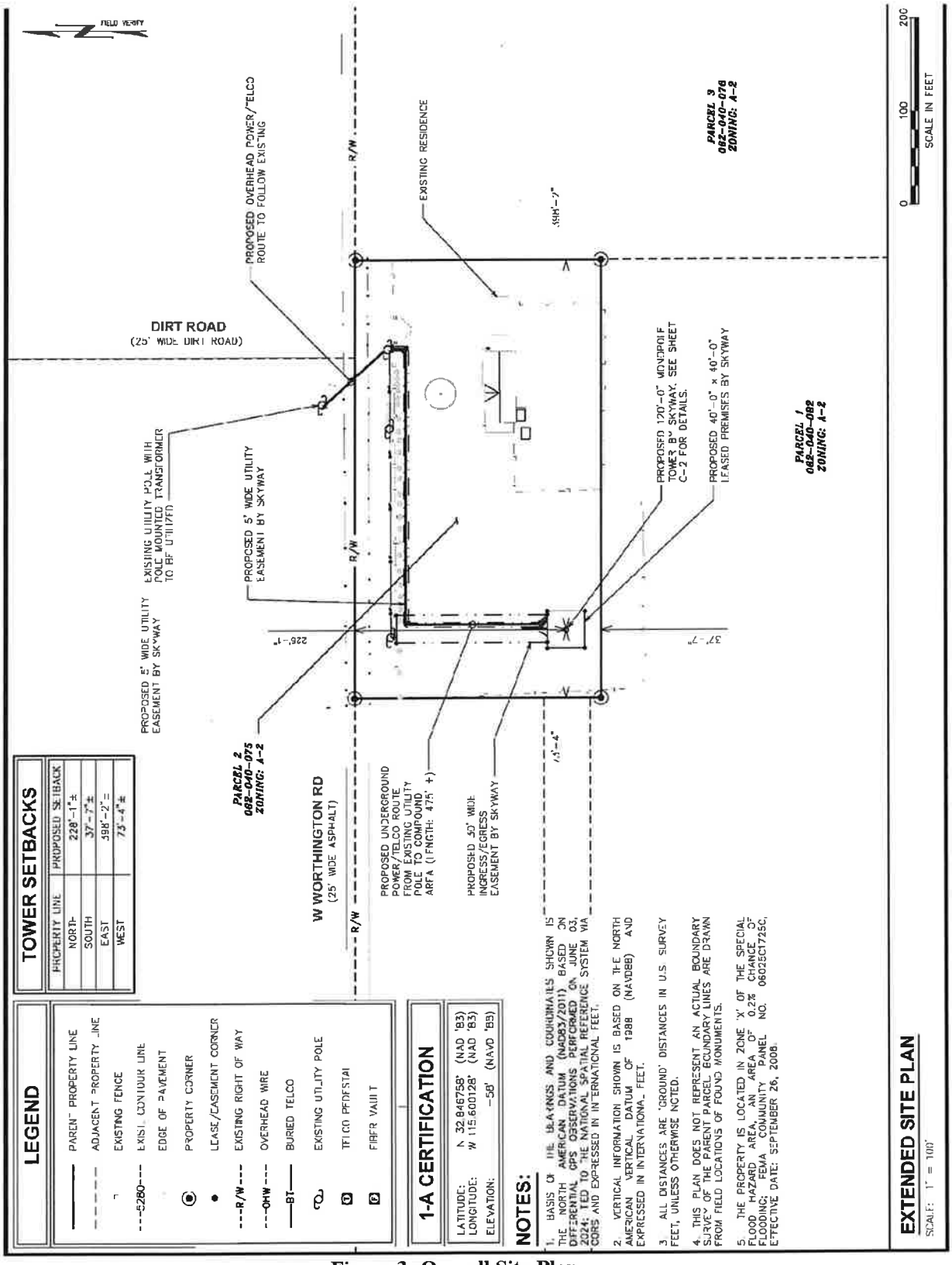


Figure 3: Overall Site Plan

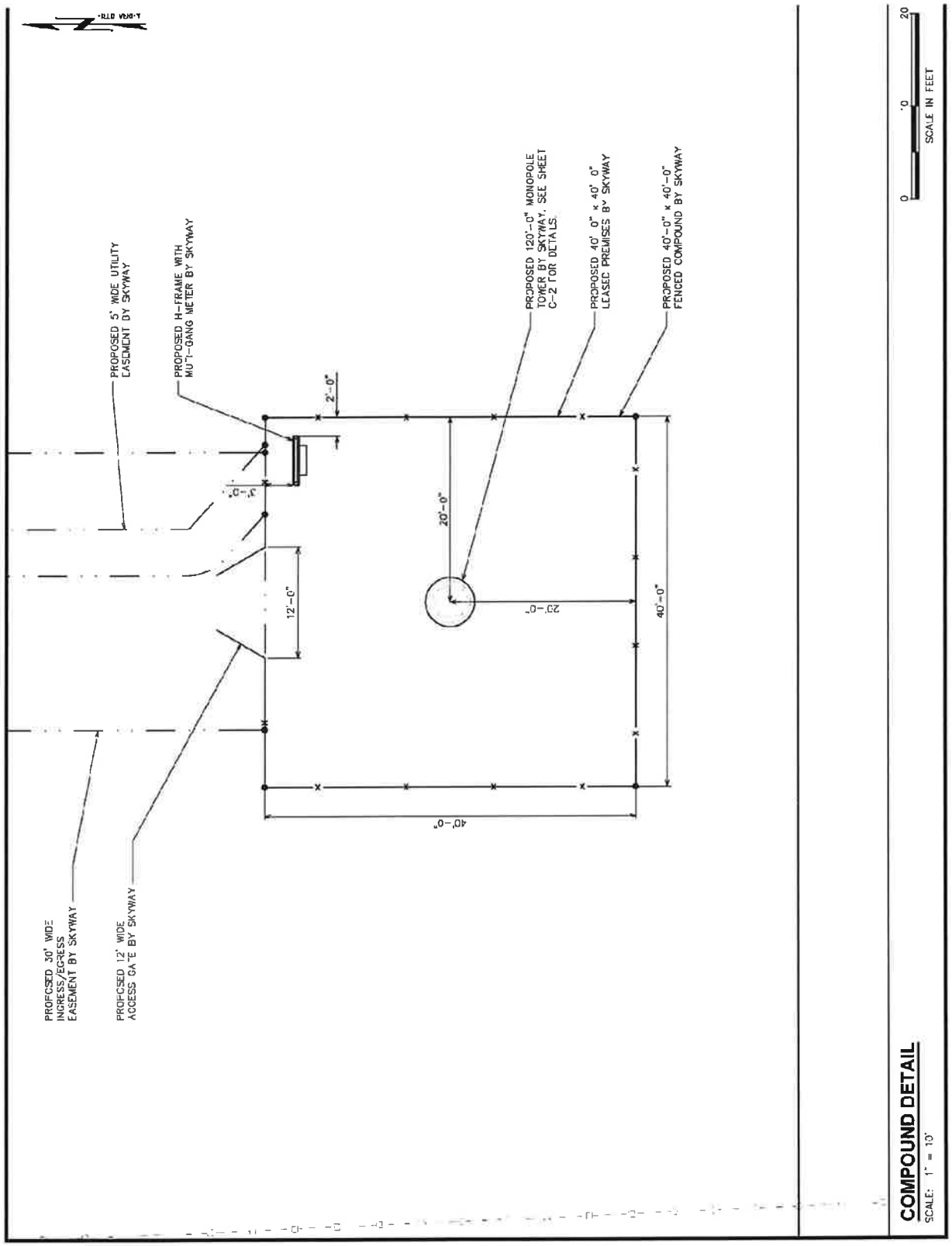


Figure 4: Tower Compound Detail Plan

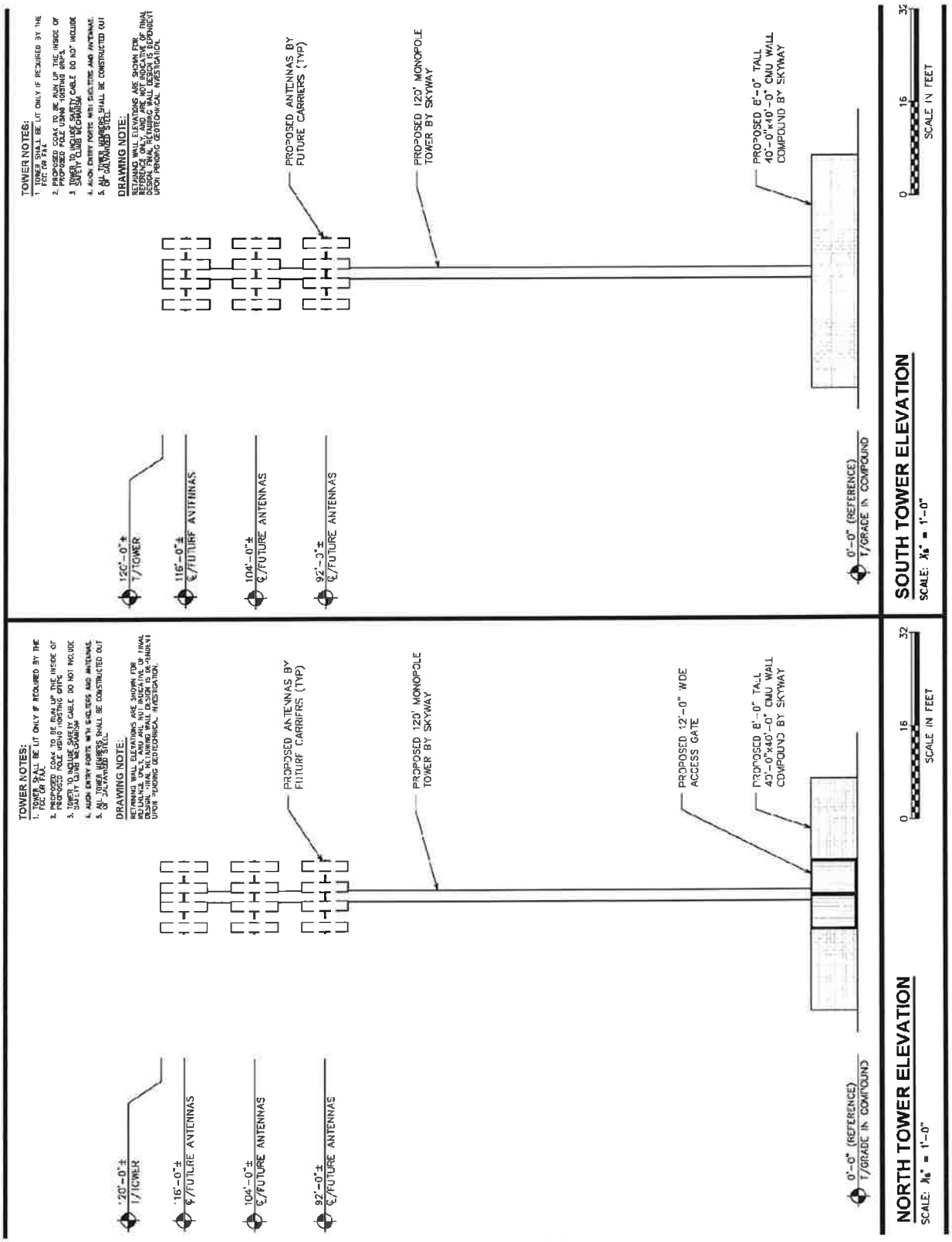


Figure 5: Tower Height Plan

ENVIRONMENTAL SETTING

According to the U.S. EPA Level IV Ecoregion of California Map, the proposed project is located within the Imperial/Lower Coachella Valleys (81f) ecoregion of Sonoran Basin and Range (81). Ecoregion 81 is Similar in topography to the Mojave Basin and Range ecoregion (14) to the north, this ecoregion contains scattered low mountains and has large tracts of federally owned land, a large portion of which is used for military training. However, the Sonoran Basin and Range ecoregion is slightly hotter than the Mojave and contains large areas of paloverde-cactus shrub and giant saguaro cactus, whereas the potential natural vegetation in the Mojave is largely creosotebush. Other typical Sonoran plants include white bursage, ocotillo, brittlebrush, creosotebush, catclaw acacia, cholla, desert saltbush, pricklypear, and mesquite. Microphyll woodland trees and shrubs, such as ironwood, blue paloverde, smoketree, and desert willow, generally are unique to this desert, occupying desert washes with occasional moisture flow. In the region, winter rainfall decreases from west to east, whereas summer rainfall decreases from east to west. Aridisols and Entisols are dominant with hyperthermic soil temperatures and extremely aridic soil moisture regimes, creating some harsh environments for plant growth (Griffith et.al. 2016).

The Imperial/Lower Coachella Valleys ecoregion occurs in the basin of PleistoceneLake Cahuilla. In the Quaternary period, the Colorado River meandered across its delta, sometimes flowing north and creating huge inland lakes in the Salton Basin. The deposited silt and sediments created rich agricultural soils and, with imported Colorado River water and anextensive canal system, cropland dominates the ecoregion's land cover. The ecoregion mostly is below sea level. The Salton Sea is a terminal lake occupying the lowest parts of the Salton Trough. The elevation of the ecoregion ranges from about 50 feet above sea level to more than 225 feet below sea level at the surface of the Salton Sea. With annual precipitation of less than 3 inches, water levels of the Salton Sea are sustained mostly by agricultural runoff, with some municipal effluent and storm water that flows into the sea through rivers and creeks in the Imperial, Coachella, and Mexicali Valleys. The Salton Sea area is a complex ecosystem of both exotic and endemic species. It has great ecological importance to wintering, migratory, and breeding waterbirds in the Pacific Flyway; however, serious problems exist with effects of increasing salinity, contaminants, disease outbreaks, and large die-offs of birds (Griffith et.al. 2016).

The proposed project area (**Figures 7-14**) is located within Imperial County where most of the surrounding property is occupied by residential and agricultural land uses. The project area is generally flat.

According to the USFWS-NWI, the closest water source is an unnamed riverine approximately 635-ft east of the proposed tower center. According to the USDA Web Soil Survey of Imperial County, California, soil within the proposed project area was identified as Imperial-Glenbar silty clay loams, wet, 0 to 2 percent slopes (Table 1). Imperial-Glenbar silty clay loams, wet, 0 to 2 percent slopes is described as moderately well drained, found on basin floors, and derived from Clayey alluvium derived from mixed and/or clayey lacustrine deposits derived from mixed. A typical profile of Imperial-Glenbar silty clay loams, wet, 0 to 2 percent slopes is silty clay loam from 0 to 60-inches.

Table 1: Project Area Soil

Soil Name	Code	Slope	Drainage	Location
Imperial-Glenbar silty clay loams, wet	115	0-2%	Moderately well drained	Basin floors

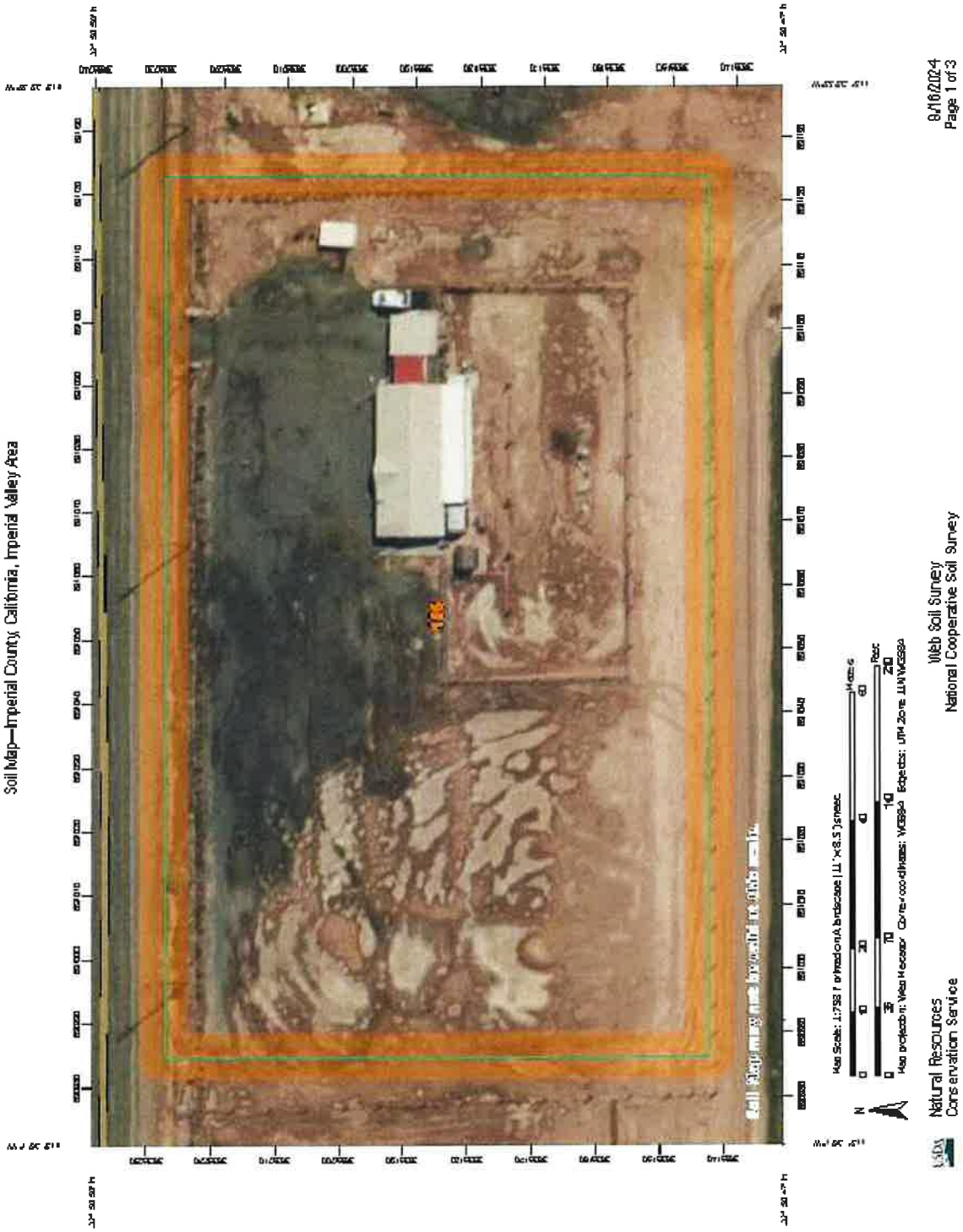


Figure 6: USDA Soils Map of the Proposed Direct APE



Figure 7: View north towards the proposed tower center



Figure 8: View south toward the proposed tower center



Figure 9: View east towards the proposed tower center



Figure 10: View west towards the proposed tower center



Figure 11: View northeast towards the proposed ingress/egress easement



Figure 12: View north towards the proposed ingress/egress easement



Figure 13: View east towards the proposed utility easement



Figure 14: View west towards the proposed utility easement

CULTURAL SETTING

Background of Imperial County

The prehistoric background of the Colorado Desert, including Imperial County, consists of three major periods: the Paleoindian (12,000 to 8,000 years BP), the Archaic (8,000 to 1,500 years BP), and the Late Prehistoric (1,500 years BP to European Contact). Although human occupation before 12,000 years BP has been established in North and South America (Erlandson et al. 2007), the evidence for the early occupation of California is rare and controversial. Some scholars argue that these sites do exist including the Yuha Pinto Wash, Lake Manix, Calico Hill, and China Lake sites (Davis, Brown, and Nichols 1980). However, the dates assigned to these sites had been obtained from questionable materials that resulted in the archaeological community's skepticism of an early occupation in California (Erlandson et al. 2007; Sutton et al. 2007). This point of view is changing with the acceptance of occupation in Oregon and South America prior to 14,000 years BP and the discovery of two sites (Arlington Man and Daisy Cave) on the northern Channel Islands dating securely to as early as 12,700 years BP and 11,500 years BP, respectively. To date, no sites conclusively dated to before 12,000 have been identified in Imperial County (Erlandson et al. 2007; Schaefer and Laylander 2007).

Paleoindian Period (about 12,000 to 8,000 years BP):

The material culture pattern observed in Imperial County during the Paleoindian Period is often referred to as the San Dieguito Complex, which may have extended through the Early Archaic Period (see below). San Dieguito Complex sites in Imperial County are characterized by a lack of ceramics, lithic assemblages, rock features, and cleared circles (Bard 2002). The San Dieguito Complex is thought to be the material remains of a nonspecialized hunting and gathering society. Extensive evidence of occupation in the Colorado Desert during the San Dieguito period is limited, likely the combined result of highly mobile early settlement patterns as well as the instability of landforms in the Salton Basin and Colorado River Valley (Schaefer and Laylander 2007). The San Dieguito period is considered to overlap and/or coincide with several other prominent material culture patterns including the Playa culture, Lake Mohave Complex, Western Pluvial Lakes Tradition, and Western Lithic co-tradition (Laylander 2005).

Archaic Period 8,000 to 1,500 years BP:

This period is broken into two subperiods: Early (8,000 to 4,000 years BP) and Late (4,000 to 1,500 years BP) (Schaefer 1994). The Early Archaic was characterized by a drier climate and shallow and fluctuating lake levels. Early Archaic occupation is generally indicated by stone circles and sparse lithic scatters on desert pavements. The available archaeological evidence suggests that there were very low population densities during this period and forager strategies were practiced. In the Colorado Desert, archaeological sites dating to the Middle Holocene are rare. The subsequent Late Archaic (4,000 to 1,500 years BP) is characterized by the opportunistic exploitation of both large and small animals, with a greater emphasis on milling tool food processing technology to exploit seasonally available seeds and nuts.

Late Prehistoric Period:

The period between 1,500 years BP and European contact (AD 1769 in California) is commonly referred to as the Late Prehistoric Period. It was during this period that early forms of the Colorado Desert's modern ethnographic lifeways emerged. A series of dry and wet episodes characterize the climate during this period (Sutton 1996; Weide and Barker 1974). The beginning of this period was a pre-ceramic transitional phase from 1,500 to 1,250 years BP. Other cultural traits include rock art and an intricate long-distance trade network as evidenced by numerous trail systems. Also, fish traps and house pits can be found along the

northwestern shoreline of Lake Cahuilla (Schaefer and Laylander 2007). The recession of Lake Cahuilla around 300 BP prompted migratory shifts of prehistoric populations in the Colorado Desert, with some groups moving westward into the Anza-Borrego region as well as north into San Bernardino and Riverside counties, while the primary area of occupation in the Colorado Desert shifted to the Colorado River (Sutton 2011; Warren 1984).

PREVIOUS INVESTIGATIONS AND SUMMARY OF KNOWN SITES

CHRIS Search Results/Previous Research

Background research requested by TEP personnel and fulfilled by the South Coastal Information Center at San Diego State University on July 23, 2024, resulted in the identification of no (0) historic properties within the direct Area of Potential Effect and no (0) eligible to be listed or listed on the National Register of Historic Places (NRHP) within the potential visual Area of Potential Effect (APE) a TEP conducted an archaeological investigation on August 27, 2024, and we recommend that the project will have no effect on historic properties as **no historic properties were identified within the direct APE**.

FIELD METHODS

Evaluation of Direct Effects

TEP's Garrett Johnson, an SOI qualified archaeologist, conducted a pedestrian survey and attempted subsurface investigation of the proposed tower site on September 27, 2024. TEP personnel spent approximately two hours in the field. Conditions were ideal for inventory, with sunny skies and temperatures in the high 90s. Ground surface visibility was excellent, ranging from 90-100% in the tower compound lease area and utility easement. The pedestrian survey covered 100% of the proposed project area. Pedestrian survey was spaced every 3m and oriented in east -> west transects to cover the direct APE. No (0) cultural resources were identified within the proposed project area.

Evaluation of Visual Effects

Pursuant to the Nationwide PA (FCC 2004), the APE for visual effects is the geographic area in which the undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a historic property that makes it eligible for listing on the NRHP. For towers 200-ft AGL or under, the FCC-designated visual APE is 0.5-mi from the tower centerline. A file search of the 0.5-mile visual APE for the proposed project identified no (0) historic properties. Therefore, it is recommended that the proposed monopole communications facility will have no effect on historic properties, as **no historic properties were identified within the APE**.

SUMMARY AND RECOMMENDATIONS

TEP is assisting Skyway Towers with the proposed construction of a 120-ft (125-ft overall with appurtenances) AGL monopole telecommunications tower facility. The proposed tower is to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). The South Coastal Information Center file search identified no (0) historic properties within the 0.5-mile visual APE or direct APE. It is the opinion of TEP that the proposed tower will have no effect on historic properties, as **no historic properties were identified in the APE**. If the proposed tower site is altered, additional archaeological investigations may be necessary, as determined in consultation with the SHPO per the FCC Nationwide Programmatic Agreement. All background research and documentation will be stored at the Raleigh office of TEP.

Principal Investigator/SOI Qualified Archaeologist
Garrett Johnson, MA, RA
TEP OpCo, LLC
326 Tryon Road
Raleigh, NC 27603

REFERENCES

Aikens, C. M. (1983). Evaluation of early human activities and remains in the California desert. *American Antiquity, 48*(3), 660-661. https://doi.org/10.2307/280588

Erlandson, J. M., Rick, T. C., Jones, T. L., & Porcasi, J. F. (2007). One if by land, two if by sea: Who were the first Californians? In T. L. Jones & K. A. Klar (Eds.), *California prehistory: Colonization, culture, and complexity* (pp. 53–62). AltaMira Press.

Griffith, G. E., Omernik, J. M., Smith, D. W., Cook, T. D., Tallyn, E., Moseley, K., & Johnson, C. B. (2016). *Ecoregions of California* (U.S. Geological Survey Open-File Report 2016-1021). https://doi.org/10.3133/ofr20161021

Jones, T. L. (2007). *Prehistoric California: An archaeological reader*. AltaMira Press.

Natural Resources Conservation Services (NRCS). (2020). *Monterey County, California soil survey*. https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx. Accessed September 16, 2024.

Schaefer, J. (1994). The challenge of archaeological research in the Colorado Desert: Recent approaches and discoveries. *Journal of California and Great Basin Anthropology, 16*, 60–80.

Schaefer, J., & Laylander, D. (2007). The Colorado Desert: Ancient adaptations to wetlands and wastelands. In T. L. Jones & K. A. Klar (Eds.), *California prehistory: Colonization, culture, and complexity* (pp. 247–257). AltaMira Press.

Sutton, M. Q. (2011). The Palomar tradition and its place in the prehistory of Southern California. *Pacific Coast Archaeological Society Quarterly, 44*(4), 1-74.

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2024-AWP-10636-OE

Issued Date: 09/06/2024

Operations
Skyway Towers, LLC
3637 Madaca Lane
Tampa, FL 33618

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower CA-00435 Imperial
Location:	Imperial, CA
Latitude:	32-50-48.33N NAD 83
Longitude:	115-36-00.46W
Heights:	-59 feet site elevation (SE)
	124 feet above ground level (AGL)
	65 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 03/06/2026 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination of No Hazard is granted provided the following conditional statement is included in the proponent's construction permit or license to radiate:

Upon receipt of notification from the Federal Communications Commission that harmful interference is being caused by the licencee's (permittee's) transmitter, the licensee (permittee) shall either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference. This condition expires after 1 year of interference-free operation.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (206) 231-2877, or Nicholas.Sanders@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-AWP-10636-OE.

Signature Control No: 630370075-632314934 (DNE)
Nicholas Sanders
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2024-AWP-10636-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

Band	Block	Technology	Transmit MHz	Receive MHz	Call Signs
PCS (1900)	**B3_B4**	LTE	1950-1960	1870-1880	WPSL621,WQGG895,WQJQ292
PCS (1900)	**A3_A4_A5**	NR	1930-1945	1850-1865	KNLF201
PCS (1900)	**C4_C5_G**	NR	1980-1995	1900-1915	WPOJ764,0011533650WPQY415,L000057848
AWS (2100)	**D_E_F1_F2**	LTE	2135-2155	1735-1755	WQGA732,WQTJ393,WQGB379
Band 12 (700 MHz)	**A**	LTE	728-734	698-704	WQJQ717
Band 71 (600 MHz)	**A**	LTE	617-622	663-668	WRFP839
Band 71 (600 MHz)	**B_C_D_E**	NR	622-642	668-688	WQZK548,WQZK549,WQZK550,WQZK551
Band 41 (2500 MHz)	**41**	NR	2496-2690	2496-2690	L000051414,WNC886,WNC887,WNC888,WNC889,L000060276,WMH640,WQLW476,WQYK944

ULS License

PCS Broadband License - KNLF201 - Nextel West Corp

Call Sign	KNLF201	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	MTA002 - Los Angeles-San Diego	Channel Block	A
Submarket	19	Associated Frequencies (MHz)	001850.00000000-001865.00000000 001930.00000000-001945.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	12/11/2024	Expiration	12/14/2034
Effective	06/03/2025	Cancellation	

Buildout Deadlines

1st	12/14/1999	2nd	12/14/2004

Discontinuance Dates

1st		2nd	

Notification Dates

1st	01/29/1998	2nd	11/25/2002

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp
12920 SE 38th St
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
E:FCCregulatorycompliancecontact@t-mobile.com

Contact

T-Mobile USA, Inc.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compl

P:(425)383-8401
E:FCCregulatorycompliancecontact@t-mobile.com

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity

Sex

ULS Lease

WQLW476 - L000051414 - IMPERIAL COUNTY OFFICE OF EDUCATION

License Details : Leases : **Lease Details**

Lease ID	L000051414	Radio Service	BR - Broadband Radio Service
Status	Active	Classification of Lease	De Facto Transfer Lease
		Term of Lease	Long

Dates

Grant/Accepted	01/12/2024	Expiration	11/27/2028
Commencement	01/12/2024	Cancellation	

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction	Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins	5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Supplemental Coverage From Space (SCS) Information

SCS Leasing Flag

Lessee

FRN	0007435746	Type	Governmental Entity

Lessee

IMPERIAL COUNTY OFFICE OF EDUCATION
1398 Sperber Road
El Centro, CA 92243
ATTN Luis Alejandro Wong

P:(760)312-6128
E:superintendent@icoe.org

Real Party in Interest	IMPERIAL COUNTY OFFICE OF EDUCATION	FRN of Real Party in Interest	0007435746

Contact

Gray Miller Persh LLP
Todd D Gray
2233 Wisconsin Avenue, NW, Suite 226
Washington, DC 20007

P:(202)776-2571
E:tgray@graymillerpersh.com

Lessee Qualifications and Ownership Information

Radio Service Type

Regulatory Status Interconnected

Alien Ownership
The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Demographics

Race

Ethnicity Sex



Universal Licensing System

ULS Lease

WQKS973 - L000057848 - Space Exploration Holdings, LLC

HELP

Lease ID	L000057848	Radio Service	CY - 1910-1915/1990-1995 MHz Bands, Market Area
Status	Active	Classification of Lease	Spectrum Manager Lease
		Term of Lease	Long

Dates

Grant/Accepted	11/26/2024	Expiration	03/03/2026
Commencement	12/27/2022	Cancellation	

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction	Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins	5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Supplemental Coverage From Space (SCS) Information

SCS Leasing Flag

Lessee

FRN	0025985060 (View Ownership Filing)	Type	Limited Liability Company

Lessee

Space Exploration Holdings, LLC
1155 F Street, N.W., Suite 475
Washington, DC 20004
ATTN David Goldman

P:(202)649-2700
F:(202)649-2701
E:david.goldman@spacex.com

Real Party in Interest	Space Exploration Technologies Corp.	FRN of Real Party in Interest	0026043968

Contact

Space Exploration Holdings, LLC
David Goldman
1155 F Street, N.W., Suite 475
Washington, DC 20004

P:(202)649-2700
F:(202)649-2701
E:david.goldman@spacex.com

Lessee Qualifications and Ownership Information

Radio Service Type

Regulatory Status Interconnected

Alien Ownership
The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Demographics

Race

Ethnicity Sex

ULS Help	FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems	CORES - ULS Online Filing - License Search - Application Search - Archive License Search
About ULS	Privacy Statement - About ULS - ULS Home
Basic Search	By Call Sign = SEARCH

FCC | Wireless | ULS | CORES

Help | Tech Support

Federal Communications Commission
45 L Street NE
Washington, DC 20554

Phone: 1-877-480-3201
ASL Videophone:1-844-432-2275
Submit Help Request

ULS Lease

WNC890 - L000060276 - NSAC, LLC

License Details : Leases : **Lease Details**

Lease ID	L000060276	Radio Service	ED - Educational Broadband Service
Status	Active	Classification of Lease	De Facto Transfer Lease
		Term of Lease	Long

Dates

Grant/Accepted	02/28/2025	Expiration	07/30/2027
Commencement	03/01/2025	Cancellation	

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction	Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins	5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Supplemental Coverage From Space (SCS) Information

SCS Leasing Flag

Lessee

FRN	0003768553	Type	Limited Liability Company

Lessee

NSAC, LLC
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@t-mobile.com

Real Party in Interest	T-Mobile US, Inc.	FRN of Real Party in Interest	0014194476

Contact

T-Mobile USA, Inc.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@t-mobile.com

Lessee Qualifications and Ownership Information

Radio Service Type

Regulatory Status Interconnected

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	
Is the applicant a corporation organized under the laws of any foreign government?	
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	

The Alien Ruling question is not answered.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Demographics

Race

Ethnicity Sex

ULS License

Broadband Radio Service License - WMH640 - NSAC, LLC

Call Sign	WMH640	Radio Service	BR - Broadband Radio Service
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Dates

Grant	04/01/2021	Expiration	05/01/2031
Effective	02/28/2025	Cancellation	

Buildout Deadlines

1st 2nd

Discontinuance Dates

1st 2nd

Notification Dates

1st 2nd

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction

Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins

5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0003768553	Type	Limited Liability Company

Licensee

NSAC, LLC
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

T-Mobile USA, Inc.

P:(425)383-8401
F:(425)383-4840

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

E:FCCRegulatoryComplianceContact@t-mobile.com

Broadband Radio Service and Educational Broadband Service Information

Will the requested facilities be used to provide multichannel video programming service?	No
If the answer to the above question is yes, does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	
Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	

Geographic Service Area

Authorization Type	P35	Market	P02933 32-46-30.2 N, 115-30-25.0 W

Channel Plan/Channel Number Information

Channel Plan	Channel Number	
New	F1	002640.50000-002646.00000 MHz
New	F2	002646.00000-002651.50000 MHz
New	F3	002651.50000-002657.00000 MHz
New	F4	002602.00000-002608.00000 MHz

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Non-Common Carrier	Interconnected	No

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity

Sex

ULS License

Educational Broadband Service License - WNC886 - IMPERIAL COUNTY OFFICE OF EDUCATION

Call Sign	WNC886	Radio Service	ED - Educational Broadband Service
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Dates

Grant	07/06/2022	Expiration	08/06/2032
Effective	07/06/2022	Cancellation	

Buildout Deadlines

1st	11/01/2011	2nd	

Discontinuance Dates

1st		2nd	

Notification Dates

1st	10/31/2011	2nd	

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0007435746	Type	Governmental Entity

Licensee

IMPERIAL COUNTY OFFICE OF EDUCATION
1398 SPERBER ROAD
EL CENTRO, CA 92243

P:(760)312-6464
E:luis.wong@icoe.org

Contact

Gray Miller Persh LLP
TODD D GRAY
2233 Wisconsin Ave., NW, Ste. 226
WASHINGTON, DC 20007

P:(202)776-2571
E:tgray@graymillerpersh.com

Broadband Radio Service and Educational Broadband Service Information

Will the requested facilities be used to provide multichannel video programming service?	No
If the answer to the above question is yes, does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	
Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	Yes

Geographic Service Area

Authorization Type	P35	Market	P03659 32-46-56.2 N, 115-31-54.0 W

Channel Plan/Channel Number Information

Channel Plan	Channel Number	
New	A1	002502.00000-002507.50000 MHz
New	A2	002507.50000-002513.00000 MHz
New	A3	002513.00000-002518.50000 MHz
New	A4	002572.00000-002578.00000 MHz

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Non-Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	
Is the applicant a corporation organized under the laws of any foreign government?	
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	

The Alien Ruling question is not answered.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

Educational Broadband Service License - WNC887 - CENTRAL UNION HIGH SCHOOL DISTRICT

Call Sign	WNC887	Radio Service	ED - Educational Broadband Service
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Dates

Grant	07/24/2017	Expiration	07/30/2027
Effective	07/24/2017	Cancellation	

Buildout Deadlines

1st	11/01/2011	2nd	

Discontinuance Dates

1st		2nd	

Notification Dates

1st	10/31/2011	2nd	

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0007435787	Type	Governmental Entity

Licensee

CENTRAL UNION HIGH SCHOOL DISTRICT
c/o Imperial County Office of Education, 1398 Sperber Rd.
EL CENTRO, CA 92243
ATTN J. Todd Finnell

P:(760)312-6440
F:(760)312-6194
E:superintendent@icoe.org

Contact

Gray Miller Persh LLP
TODD D GRAY
1200 New Hampshire AVe., NW, Suite 410
WASHINGTON, DC 20036

P:(202)776-2571
E:tgray@graymillerpersh.com

Broadband Radio Service and Educational Broadband Service Information

Will the requested facilities be used to provide multichannel video programming service?	No
If the answer to the above question is yes, does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	
Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	Yes

Geographic Service Area

Authorization Type	P35	Market	P01780 32-46-56.2 N, 115-31-54.0 W

Channel Plan/Channel Number Information

Channel Plan	Channel Number	
New	B1	002518.50000-002524.00000 MHz
New	B2	002524.00000-002529.50000 MHz
New	B3	002529.50000-002535.00000 MHz
New	B4	002578.00000-002584.00000 MHz

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Non-Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	
Is the applicant a corporation organized under the laws of any foreign government?	
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	

The Alien Ruling question is not answered.

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity

Sex

ULS License

Educational Broadband Service License - WNC888 - IMPERIAL COMMUNITY COLLEGE DISTRICT

Call Sign	WNC888	Radio Service	ED - Educational Broadband Service
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Dates

Grant	07/25/2017	Expiration	07/30/2027
Effective	07/25/2017	Cancellation	

Buildout Deadlines

1st	11/01/2011	2nd	

Discontinuance Dates

1st		2nd	

Notification Dates

1st	10/31/2011	2nd	

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0007435829	Type	Governmental Entity

Licensee

IMPERIAL COMMUNITY COLLEGE DISTRICT
c/o Imperial County Office of Education, 1398 Sperber Rd.
El Centro, CA 92243
ATTN J. Todd Finnell

P:(760)312-6440
F:(760)312-6194
E:superintendent@icoe.org

Contact

Gray Miller Persh LLP
TODD D GRAY
1200 New Hampshire Ave., NW, Suite 410
WASHINGTON, DC 20036

P:(202)776-2571
E:tgray@graymillerpersh.com

Broadband Radio Service and Educational Broadband Service Information

Will the requested facilities be used to provide multichannel video programming service?	No
If the answer to the above question is yes, does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	
Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	Yes

Geographic Service Area

Authorization Type	P35	Market	P01781 32-46-56.2 N, 115-31-54.0 W

Channel Plan/Channel Number Information

Channel Plan	Channel Number	
New	C1	002535.00000-002540.50000 MHz
New	C2	002540.50000-002546.00000 MHz
New	C3	002546.00000-002551.50000 MHz
New	C4	002584.00000-002590.00000 MHz

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Non-Common Carrier	Interconnected	Yes

Alien Ownership
The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

Educational Broadband Service License - WNC889 - MEADOWS UNION SCHOOL DISTRICT

Call Sign	WNC889	Radio Service	ED - Educational Broadband Service
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Dates

Grant	07/12/2022	Expiration	08/06/2032
Effective	07/12/2022	Cancellation	

Buildout Deadlines

1st	11/01/2011	2nd	

Discontinuance Dates

1st		2nd	

Notification Dates

1st	10/31/2011	2nd	

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0007435886	Type	Governmental Entity

Licensee

MEADOWS UNION SCHOOL DISTRICT
c/o Imperial County Office of Education, 1398 Sperber Rd.
EL CENTRO, CA 92243
ATTN Luis Wong

P:(760)312-6454
E:luis.wong@icoe.org

Contact

Gray Miller Persh LLP
TODD D GRAY
2233 Wisconsin Ave., NW, Ste. 226
WASHINGTON, DC 20007

P:(202)776-2571
E:tgray@graymillerpersh.com

Broadband Radio Service and Educational Broadband Service Information

Will the requested facilities be used to provide multichannel video programming service?	No
If the answer to the above question is yes, does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	
Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	Yes

Geographic Service Area

Authorization Type	P35	Market	P02866 32-46-56.2 N, 115-31-54.0 W

Channel Plan/Channel Number Information

Channel Plan	Channel Number	
New	D1	002551.50000-002557.00000 MHz
New	D2	002557.00000-002562.50000 MHz
New	D3	002562.50000-002568.00000 MHz
New	D4	002590.00000-002596.00000 MHz

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Non-Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	
Is the applicant a corporation organized under the laws of any foreign government?	
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	

The Alien Ruling question is not answered.

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity

Sex

ULS License

PCS Broadband License - WPOJ764 - Nextel West Corp

Call Sign	WPOJ764	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	BTA124 - El Centro-Calexico, CA	Channel Block	C
Submarket	1	Associated Frequencies (MHz)	001895.00000000-001910.00000000 001975.00000000-001990.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/07/2019	Expiration	06/30/2029
Effective	06/03/2025	Cancellation	

Buildout Deadlines

1st	06/30/2004	2nd	06/30/2009

Discontinuance Dates

1st		2nd	

Notification Dates

1st	02/18/2004	2nd	06/09/2009

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp
12920 SE 38th St
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
E:FCCregulatorycompliancecontact@t-mobile.com

Contact

T-Mobile USA, Inc.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compl

P:(425)383-8401
E:FCCregulatorycompliancecontact@t-mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

PCS Broadband License - WPQY415 - AT&T Mobility Spectrum, LLC

PA This license has pending applications: 0011533650, 0011451203

Call Sign	WPQY415	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	BTA124 - El Centro-Calexico, CA	Channel Block	C
Submarket	2	Associated Frequencies (MHz)	001895.00000000-001910.00000000 001975.00000000-001990.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	07/12/2019	Expiration	06/30/2029
Effective	01/24/2024	Cancellation	

Buildout Deadlines

1st	06/30/2004	2nd	06/30/2009

Discontinuance Dates

1st		2nd	

Notification Dates

1st	10/20/2003	2nd	06/26/2009

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN 0014980726 Type Limited Liability Company

Licensee

AT&T Mobility Spectrum, LLC
208 S Akard St, 20F
Dallas, TX 75202
ATTN National Regulatory Compliance

P:(855)699-7073
F:(214)746-6410
E:FCCMW@att.com

Contact

AT&T Services, Inc.
Jessica J Dunk
208 S Akard St, 20F
Dallas, TX 75202
ATTN NRC

P:(855)699-7073
F:(214)746-6410
E:FCCMW@att.com

Ownership and Qualifications

Radio Service Type Mobile

Regulatory Status Common Carrier Interconnected Yes

Alien Ownership
The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

PCS Broadband License - WPSL621 - Nextel West Corp.

This license has pending applications: 0011572813

Call Sign	WPSL621	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	MTA002 - Los Angeles-San Diego	Channel Block	B
Submarket	23	Associated Frequencies (MHz)	001870.00000000-001885.00000000 001950.00000000-001965.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/29/2015	Expiration	06/23/2025
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	06/23/2000	2nd	06/23/2005

Discontinuance Dates

1st		2nd	

Notification Dates

1st	05/05/2000	2nd	05/04/2005

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

AWS (1710-1755 MHz and 2110-2155 MHz) License - WQGA732 - Nextel West Corp.

This license has pending applications: 0011533635, 0011452238

Call Sign	WQGA732	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	REA006 - West	Channel Block	D
Submarket	37	Associated Frequencies (MHz)	001735.00000000-001740.00000000 002135.00000000-002140.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	01/13/2022	Expiration	11/29/2036
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	2nd

Discontinuance Dates

1st	2nd

Notification Dates

1st	2nd	11/12/2021

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

AWS (1710-1755 MHz and 2110-2155 MHz) License - WQGB379 - Nextel West Corp.

Call Sign	WQGB379	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	REA006 - West	Channel Block	F
Submarket	9	Associated Frequencies (MHz)	001745.00000000-001755.00000000 002145.00000000-002155.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	01/31/2022	Expiration	11/29/2036
Effective	02/14/2024	Cancellation	

Buildout Deadlines

1st	2nd

Discontinuance Dates

1st	2nd

Notification Dates

1st	2nd	11/17/2021

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction	Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins	5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN 0001608363 Type Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type Mobile

Regulatory Status Common Carrier Interconnected Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

PCS Broadband License - WQGG895 - Nextel West Corp.

PA This license has pending applications: 0011572717

Call Sign	WQGG895	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	MTA002 - Los Angeles-San Diego	Channel Block	B
Submarket	12	Associated Frequencies (MHz)	001870.00000000-001885.00000000 001950.00000000-001965.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/29/2015	Expiration	06/23/2025
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st 2nd

Discontinuance Dates

1st 2nd

Notification Dates

1st 2nd

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction

Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins

5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN 0001608363 Type Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type Mobile

Regulatory Status Common Carrier Interconnected Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

PCS Broadband License - WQJQ292 - Nextel West Corp.

This license has pending applications: 0011533635, 0011507345, 0011454387

Call Sign	WQJQ292	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	MTA002 - Los Angeles-San Diego	Channel Block	B
Submarket	36	Associated Frequencies (MHz)	001870.00000000-001885.00000000 001950.00000000-001965.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/30/2015	Expiration	06/23/2025
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	2nd

Discontinuance Dates

1st	2nd

Notification Dates

1st	2nd

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN 0001608363 Type Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type Mobile

Regulatory Status Common Carrier Interconnected Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

700 MHz Lower Band (Blocks A, B & E) License - WQJQ717 - Nextel West Corp.

Call Sign	WQJQ717	Radio Service	WY - 700 MHz Lower Band (Blocks A, B & E)
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	BEA160 - Los Angeles-Riverside-Orange County, CA-AZ	Channel Block	A
Submarket	0	Associated Frequencies (MHz)	000698.00000000-000704.00000000 000728.00000000-000734.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	09/10/2019	Expiration	06/13/2029
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st		2nd	06/13/2019

Discontinuance Dates

1st		2nd	

Notification Dates

1st		2nd	05/01/2019

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

Broadband Radio Service License - WMH640 - NSAC, LLC

Call Sign	WMH640	Radio Service	BR - Broadband Radio Service
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Dates

Grant	04/01/2021	Expiration	05/01/2031
Effective	02/28/2025	Cancellation	

Buildout Deadlines

1st 2nd

Discontinuance Dates

1st 2nd

Notification Dates

1st 2nd

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction

Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins

5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0003768553	Type	Limited Liability Company

Licensee

NSAC, LLC
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

T-Mobile USA, Inc.

P:(425)383-8401
F:(425)383-4840

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

E:FCCRegulatoryComplianceContact@t-mobile.com

Broadband Radio Service and Educational Broadband Service Information

Will the requested facilities be used to provide multichannel video programming service?	No
If the answer to the above question is yes, does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	
Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	

Geographic Service Area

Authorization Type	P35	Market	P02933 32-46-30.2 N, 115-30-25.0 W

Channel Plan/Channel Number Information

Channel Plan	Channel Number	
New	F1	002640.50000-002646.00000 MHz
New	F2	002646.00000-002651.50000 MHz
New	F3	002651.50000-002657.00000 MHz
New	F4	002602.00000-002608.00000 MHz

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Non-Common Carrier	Interconnected	No

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity

Sex

ULS License

AWS (1710-1755 MHz and 2110-2155 MHz) License - WQTJ393 - Nextel West Corp.

Call Sign	WQTJ393	Radio Service	AW - AWS (1710-1755 MHz and 2110-2155 MHz)
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Market

Market	REA006 - West	Channel Block	E
Submarket	12	Associated Frequencies (MHz)	001740.00000000-001745.00000000 002140.00000000-002145.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	01/31/2022	Expiration	11/29/2036
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	2nd

Discontinuance Dates

1st	2nd

Notification Dates

1st	2nd	11/12/2021

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction	Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins	5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

Broadband Radio Service License - WQYK944 - Sprint Spectrum License Holder LLC

Call Sign	WQYK944	Radio Service	BR - Broadband Radio Service
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?

Reserved Spectrum

Reserved Spectrum

Dates

Grant	05/04/2020	Expiration	05/11/2030
Effective	10/26/2021	Cancellation	

Buildout Deadlines

1st	2nd

Discontinuance Dates

1st	2nd

Notification Dates

1st	2nd

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction	Rural-Focused Transaction

ECIP Dates

5-Year Holding Period Begins	5-Year Holding Period Ends

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0025738147	Type	Limited Liability Company

Licensee

Sprint Spectrum License Holder LLC
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8402
F:(425)383-4840
E:FCCRegulatoryComplianceContact@t-mobile.com

Contact

T-Mobile USA, Inc.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8402
F:(425)383-4840
E:FCCRegulatoryComplianceContact@t-mobile.com

Broadband Radio Service and Educational Broadband Service Information

Will the requested facilities be used to provide multichannel video programming service?	No
If the answer to the above question is yes, does the Applicant operate, control or have an attributable interest (as defined in 47 CFR § 27.1202) in a cable television system whose franchise area is located within the geographic service area of the requested facilities?	
Does the Applicant comply with the programming requirements contained in 47 CFR § 27.1203?	

Geographic Service Area

Authorization Type	BTA	Market	BTA124 El Centro-Calexico, CA

Channel Plan/Channel Number Information

Channel Plan	Channel Number	
New	BRS1	002496.00000-002502.00000 MHz
New	BRS2	002618.00000-002624.00000 MHz
New	E1	002624.00000-002629.50000 MHz
New	E2	002629.50000-002635.00000 MHz
New	E3	002635.00000-002640.50000 MHz
New	E4	002608.00000-002614.00000 MHz
New	F1	002640.50000-002646.00000 MHz
New	F2	002646.00000-002651.50000 MHz
New	F3	002651.50000-002657.00000 MHz
New	F4	002602.00000-002608.00000 MHz
New	H1	002657.00000-002662.50000 MHz
New	H2	002662.50000-002668.00000 MHz
New	H3	002668.00000-002673.50000 MHz

Ownership and Qualifications

Radio Service Type	Fixed, Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is	**Yes**

owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

The Alien Ruling question is not answered.

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity

Sex



Universal Licensing System

ULS License

600 MHz Band License - WQZK548 - Nextel West Corp.

HELP

New Search Refine Search Return to Results Printable Page Reference Copy

MAIN | ADMIN | MARKET | MAP

Call Sign	WQZK548	Radio Service	WT - 600 MHz Band
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?	No

Reserved Spectrum

Reserved Spectrum	No

Market

Market	PEA157 - Yuma, AZ	Channel Block	B
Submarket	0	Associated Frequencies (MHz)	000622.00000000-000627.00000000 000668.00000000-000673.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/14/2017	Expiration	06/14/2029
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	06/14/2023	2nd	06/14/2029

Discontinuance Dates

1st	2nd

Notification Dates

1st	05/05/2023	2nd	05/05/2023

ECIP Information

ECIP Flag			
Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363 (View Ownership Filing)	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS Help FAQ - Online Help - Technical Support - Licensing Support
ULS Online Systems CORES - ULS Online Filing - License Search - Application Search - Archive License Search
About ULS Privacy Statement - About ULS - ULS Home
Basic Search By Call Sign = SEARCH

FCC | Wireless | ULS | CORES

Help | Tech Support

Federal Communications Commission
45 L Street NE
Washington, DC 20554

Phone: 1-877-480-3201
ASL Videophone:1-844-432-2275
Submit Help Request

ULS License

600 MHz Band License - WQZK549 - Nextel West Corp.

Call Sign	WQZK549	Radio Service	WT - 600 MHz Band
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?	No

Reserved Spectrum

Reserved Spectrum	No

Market

Market	PEA157 - Yuma, AZ	Channel Block	C
Submarket	0	Associated Frequencies (MHz)	000627.00000000-000632.00000000 000673.00000000-000678.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/14/2017	Expiration	06/14/2029
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	06/14/2023	2nd	06/14/2029

Discontinuance Dates

1st		2nd	

Notification Dates

1st	04/24/2023	2nd	04/24/2023

ECIP Information

ECIP Flag			
Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

600 MHz Band License - WQZK550 - Nextel West Corp.

Call Sign	WQZK550	Radio Service	WT - 600 MHz Band
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?	No

Reserved Spectrum

Reserved Spectrum	No

Market

Market	PEA157 - Yuma, AZ	Channel Block	D
Submarket	0	Associated Frequencies (MHz)	000632.00000000-000637.00000000 000678.00000000-000683.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/14/2017	Expiration	06/14/2029
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	06/14/2023	2nd	06/14/2029

Discontinuance Dates

1st		2nd	

Notification Dates

1st	03/23/2023	2nd	03/23/2023

ECIP Information

ECIP Flag			
Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

600 MHz Band License - WQZK551 - Nextel West Corp.

Call Sign	WQZK551	Radio Service	WT - 600 MHz Band
Status	Active	Auth Type	Regular

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?	No

Reserved Spectrum

Reserved Spectrum	Yes

Market

Market	PEA157 - Yuma, AZ	Channel Block	E
Submarket	0	Associated Frequencies (MHz)	000637.00000000-000642.00000000 000683.00000000-000688.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	06/14/2017	Expiration	06/14/2029
Effective	10/18/2022	Cancellation	

Buildout Deadlines

1st	06/14/2023	2nd	06/14/2029

Discontinuance Dates

1st		2nd	

Notification Dates

1st	03/09/2023	2nd	03/09/2023

ECIP Information

ECIP Flag			
Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN	0001608363	Type	Corporation

Licensee

Nextel West Corp.
12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Contact

Nextel West Corp.

12920 SE 38th Street
Bellevue, WA 98006
ATTN FCC Regulatory Compliance

P:(425)383-8401
F:(425)383-4840
E:FCCRegulatoryComplianceContact@T-Mobile.com

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

ULS License

600 MHz Band License - WRFP839 - T-Mobile License LLC

This license has pending applications: 0010419918

Call Sign	WRFP839	Radio Service	WT - 600 MHz Band
Status	Active	Auth Type	Special Temporary

Rural Service Provider Bidding Credit

Is the Applicant seeking a Rural Service Provider (RSP) bidding credit?	No

Reserved Spectrum

Reserved Spectrum

Market

Market	PEA002 - Los Angeles, CA	Channel Block	G
Submarket	0	Associated Frequencies (MHz)	000647.00000000-000652.00000000 000693.00000000-000698.00000000
3.7 GHz License Type		3.7 GHz Linked License	

Dates

Grant	01/09/2023	Expiration	02/28/2023
Effective	11/30/2022	Cancellation	

Buildout Deadlines

1st	2nd

Discontinuance Dates

1st	2nd

Notification Dates

1st	2nd

ECIP Information

ECIP Flag

Small Carrier or Tribal Nation Transaction		Rural-Focused Transaction	

ECIP Dates

5-Year Holding Period Begins		5-Year Holding Period Ends	

Required Operational Filing Dates

IORN Operation Begin Date	FORN Deadline Date	FORN Filed Date

Licensee

FRN 0001565449 Type Limited Liability Company

Licensee

T-Mobile License LLC
12920 SE 38th Street
Bellevue, WA 98006

P:(425)383-8401
F:(425)383-4040
E:fccregulatorycompliancecontact@t-mobile.com

Contact

Mintz
Russell H Fox
555 12th Street NW, Suite 1100
Washington, DC 20004

P:(202)434-7483
F:(202)434-7400
E:rfox@mintz.com

Ownership and Qualifications

Radio Service Type Mobile

Regulatory Status Common Carrier Interconnected Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?	**Yes**
The Applicant has received a declaratory ruling(s) approving its foreign ownership, and the application involves only the acquisition of additional spectrum for the provision of a wireless service in a geographic coverage area for which the Applicant has been previously authorized.	✓

Basic Qualifications
The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits
This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity Sex

Date: **January 7, 2025**

Justin Jones
Skyway Towers
3637 Madaca Lane
Tampa, FL 33618
(813) 960-6200

326 Tryon Road
Raleigh, NC 27603
(919) 661-6351
Geotech@tepgroup.net

Subject: **Subsurface Exploration Report**

Skyway Towers Designation:	***Site Number:***	*CA-00435*
	Site Name:	*Imperial*
Engineering Firm Designation:	***TEP Project Number:***	*341053.1032886*
Site Data:	***749 W Worthington Road, Imperial, CA 92251 (Imperial County)***	
	Latitude N32° 50' 48.3", Longitude W115° 36' 0.5"	
	120 Foot – Proposed Monopole Tower	

Justin Jones,

TEP is pleased to submit this "**Subsurface Exploration Report**" to evaluate subsurface conditions in the tower area as they pertain to providing support for the tower foundation.

This report has been prepared in accordance with generally accepted geotechnical engineering practice for specific application to this project. The conclusions in this report are based on the applicable standards of TEP's practice in this geographic area at the time this report was prepared. No other warranty, expressed or implied, is made.

TEP assumes the current ground surface elevation, tower location and subsequent centerline provided are correct and are consistent with the elevation and centerline to be used for construction of the structure. Should the ground surface elevation be altered and/or the tower location be moved or shifted TEP should be contacted to determine if additional borings are necessary.

The analyses and recommendations submitted herein are based, in part, upon the data obtained from the subsurface exploration. The soil conditions may vary from what is represented in the boring log. While some transitions may be gradual, subsurface conditions in other areas may be quite different. Should actual site conditions vary from those presented in this report, TEP should be provided the opportunity to amend its recommendations, as necessary.

We at TEP appreciate the opportunity of providing our continuing professional services to you and Skyway Towers. If you have any questions or need further assistance on this or any other project, please give us a call.

Report Prepared/Reviewed by: Zeke A. Buchta, G.I.T. / John D. Longest, P.E.

Respectfully submitted by:

John D. Longest, P.E.



TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPDB OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

TABLE OF CONTENTS

1) PROJECT DESCRIPTION

2) SITE EXPLORATION

3) SITE CONDITIONS

4) SUBSURFACE CONDITIONS

4.1) Soil
4.2) Rock
4.3) Subsurface Water
4.4) Frost

5) TOWER FOUNDATION ANALYSIS

5.1) Shallow Foundation
Table 1 – Shallow Foundation Design Parameters
5.2) Drilled Shaft Foundation
Table 2 – Drilled Shaft Foundation Design Parameters
5.3) Modulus of Subgrade Reaction

6) SOIL RESISTIVITY

7) SEISMIC DESIGN CONSIDERATIONS AND GEOLOGIC HAZARDS

7.1) Seismic Design Parameters
Table 3 – Seismic Design Parameters
7.2) Seismic Hazard Review
Table 4 – Seismic-Induced Total Settlement
7.3) Geologic Hazard Review

8) CONSTRUCTION CONSIDERATIONS - SHALLOW FOUNDATION

8.1) Excavation
8.2) Dewatering/Foundation Evaluation/Subgrade Preparation
8.3) Fill Placement and Compaction
8.4) Reuse of Excavated Soil

9) CONSTRUCTION CONSIDERATIONS - DRILLED SHAFTS

10) SITE PHOTOGRAPHS

APPENDIX A

Boring Layout

APPENDIX B

NovoLIQ Report

APPENDIX C

Boring Log

1) PROJECT DESCRIPTION

It is understood a monopole communications tower is being planned for construction at the above referenced site. The structure loads can be obtained from the tower manufacturer.

2) SITE EXPLORATION

The field exploration included the performance of one soil test boring (B-1). The boring was advanced to the planned depth of 50 feet below ground surface (bgs) at the approximate location of the proposed monopole tower. The boring was performed by a truck mounted drill rig using continuous flight hollow stem augers to advance the hole. Split-spoon samples and Standard Penetration Test (SPT) resistance values (N-values) were obtained in accordance with ASTM D1586 at a frequency of four samples in the top 10 feet and two samples in every 10 feet thereafter.

The Split-spoon samples were transported to the TEP laboratory where they were classified by a qualified representative of the Geotechnical Engineer in general accordance with the Unified Soil Classification System (USCS), using visual-manual identification procedures (ASTM D2488).

A boring location plan showing the approximate boring location and the boring log presenting the subsurface information obtained, accompanied with a brief guide to interpreting the boring log, are included in Appendix A and C, respectively.

3) SITE CONDITIONS

The site is located at 749 W Worthington Road in Imperial, Imperial County, California. The proposed tower and compound are to be located in a dirt lot. The ground topography is relatively level.

4) SUBSURFACE CONDITIONS

The following description of subsurface conditions is brief and general. For more detailed information, the individual boring log contained in Appendix C may be consulted.

4.1) Soil

The USCS classification of the soils encountered in the boring include CL, SM, CH, and ML. The Standard Penetration Resistance ("N" Values) recorded in the subsurface materials range from 4 to 18 blows per foot of penetration.

4.2) Rock

Rock was not encountered n the boring. Refusal of auger advancement was not encountered in the boring.

4.3) Subsurface Water

Subsurface water was encountered at a depth of 8.5 feet (bgs) in the boring at the time of drilling. It should be noted the subsurface water level will fluctuate during the year due to seasonal variations, precipitation events and construction activity in the area.

4.4) Frost

The Telecommunications Industry Association (TIA) frost depth for Imperial County, California is 5 inches.

5) TOWER FOUNDATION ANALYSIS

Due to site characteristics and the presence of loose, submerged soils, the site is likely to be subject to liquefaction during a design-level seismic event. Liquefaction is the loss of a soil's shear strength due to the increase in pore water pressure resulting from seismic cyclic loading. Liquefaction at the site was evaluated using NovoLIQ software, the estimated subsurface water level and the site's peak ground acceleration (PGA). Based on the analysis, there are several distinguishable layers susceptible to liquefaction located between the depths of 38.5 and 50 feet (bgs). The total dynamic and liquefaction-induced settlements were calculated to be about 1.88 inches. Additional discussion on the evaluation for liquefaction, dynamic and liquefaction-induced settlements can be found in Section 7.2 of this report. The different tower elements should be evaluated to ensure that the monopole tower and its foundation can withstand independent movements caused by seismic settlements.

Based on the boring data, it is the opinion of TEP that a pier extending to a single large mat foundation or a single drilled shaft can be used to support the new tower. The following presents TEP's conclusions and recommendations regarding the foundation types.

5.1) Shallow Foundation

Based on preliminary site information, the site is located on relatively level ground. It is recommended that foundation designs account for site grades being raised with excavation spoils or that foundation drawings specify minimum embedment depths based on existing site elevations and factor in ground slopes.

The following values may be used for design of the monopole shallow foundation. The foundation should bear a minimum of 5 inches below the ground surface to penetrate the frost depth and with sufficient depth to withstand overturning of the tower. To resist the overturning moment, the weight of the concrete and any soil directly above the foundation can be used. The values provided in Table 1 consider ground surface elevation at the time of the subsurface exploration and undisturbed, native materials. Due to the construction process disturbing the in-situ soils and reducing the soil densities above the new foundation from those provided in Table 1, TEP recommends that the foundation designer specify a minimum depth and unit weight for compacted backfill to resist overturning of the new shallow foundation.

Table 1 – Shallow Foundation Design Parameters

Depth (feet)		Subsurface Material	Gross Ultimate Bearing[1,2] (psf)	Cohesion[1] (psf)	Friction Angle[1] (degrees)	Effective Unit Weight (pcf)	Friction Factor
Top	Bottom						
0	3.5	CL	8525	-	-	111	0.30
3.5	6	CL	7925	-	-	111	0.30
6	8.5	CL	7325	1125	-	111	0.30
8.5	13.5	SM	6200	-	30	45	0.36

Notes:
1) These values should be considered ultimate soil parameters.
2) Bearing values consider a foundation width ranging from 12 to 30 feet and less than 1 inch of total settlement.

Shallow foundations should be designed to withstand site deformations as a result of a design-level seismic event. Total dynamic seismic-induced settlement for the site as a result of a design-level seismic event has been evaluated to be about 1.88 inches. Differential settlements can be estimated as half the total settlement for any singular location over a distance of 30 horizontal feet. For this site, the estimated differential settlement is 1.88 inches. Lateral deformation was evaluated at the site with an estimated average lateral spread, based on a 0.5% slope, of 9 inches.

5.2) Drilled Shaft Foundation

Based on the results of the preliminary liquefaction analysis, there is potential for 1.88 inches of liquefaction-induced settlement at this site, with about 1.88 inches occurring between 38.5 feet and 50 feet (bgs). Subsidence of soils overlying these potentially liquefiable layers may generate downdrag forces via negative side friction on the drilled shaft foundation. TEP anticipates that drilled shaft foundations will likely bear well above 38.5 feet (bgs), so it is assumed that the planned foundation will settle with surrounding soils, and no downdrag forces need be considered. It should be verified that the planned tower and foundation may withstand the calculated settlements.

The following values may be used for design of the monopole drilled shaft foundation. The embedment depth for the proposed tower shall be above the depth of 35 feet (bgs). TEP recommends the side frictional and lateral resistance values developed in the top section of the caisson for a depth equal to the half the diameter of the caisson be neglected in design calculations. The drilled shaft foundation should be designed to terminate within a known material, CL, SM, CH, or ML, as presented in Table 2, with sufficient bearing to support the structural loading of the tower. The values presented in Table 2 are based on the ground surface elevation at the time of the subsurface exploration.

Table 2 – Drilled Shaft Foundation Design Parameters

Depth (feet)		Subsurface Material	Gross Ultimate Bearing[1] (psf)	Ultimate Side Frictional Resistance[1] (psf)	Cohesion[1] (psf)	Friction Angle[1] (degrees)	Effective Unit Weight (pcf)
Top	Bottom						
0	3.5	CL	12725	1140	2075	-	111
3.5	6	CL	10675	850	1550	-	111
6	8.5	CL	8900	610	1125	-	111
8.5	13.5	SM	8500	430	-	30	45
13.5	18.5	CH	6850	450	825	-	48
18.5	23.5	ML	5700	350	650	-	45
23.5	28.5	ML	7550	460	850	-	45
28.5	33.5	ML	6500	390	725	-	45
33.5	38.5	ML	6975	420	775	-	49
38.5	43.5	ML[2]	5875	350	650	-	49
43.5	48.5	ML[2]	7725	460	850	-	49
48.5	50	ML[2]	6825	410	750	-	49

Notes:
1) These values should be considered ultimate soil parameters.
2) The identified layer may be subject to liquefaction. During a seismic event this layer may lose shear strength and subsidence of overlying layers may generate negative skin friction on deep foundations. Post-liquefaction residual shear strengths have been provided for this layer.

Relying on soil strengths above the seasonal frost depth may lead to settlement and rotation, and settlement of the base. Where analysis of foundations relies on strengths of soils above the frost depth, more frequent maintenance visits should be made to check plumb and verify vertical movements of the foundation have not occurred.

5.3) Modulus of Subgrade Reaction

A vertical modulus of subgrade reaction and a horizontal modulus of subgrade reaction may be derived using the following equations and soil parameters for analysis of foundations.

$$k_{s-v} = 12 \cdot SF \cdot q_a$$

$$k_{s-h} = k_{s-v} \cdot B$$

Where;

q_a = Allowable Bearing Capacity (ksf)
SF = Factor of Safety
B = Base width (ft), use 1 if B < 1ft.
$k_{s\text{-}v}$ = Vertical Modulus of Subgrade Reaction (kcf)
$k_{s\text{-}h}$ = Horizontal Modulus of Subgrade Reaction (ksf)

6) SOIL RESISTIVITY

Soil resistivity testing was performed at the TEP laboratory in accordance with ASTM G57 (Standard Test Method for Measurement of Soil Resistivity Using the Four Electrode Soil Box Method). The test results indicate the resistivity of 280 ohm-cm in the near-surface soils. It should be noted that soil resistivity will fluctuate during the year due to seasonal variations, precipitation events and depth below surface.

7) SEISMIC DESIGN CONSIDERATIONS AND GEOLOGIC HAZARDS

The following sections were assembled to provide site-specific seismic design parameters and address any potential site seismic hazards and/or geologic hazards identified. Estimating potential seismic hazards utilizes many variables including the distance of the site to known faults, the expected magnitude of an earthquake and the rate of recurrence for this magnitude, source-to-site ground motion attenuation characteristics, and the site's soil stratigraphy. In accordance with Section 1613.2.2 of the 2022 California Building Code (2022 CBC), a site's seismic Site Class can be determined by the average soil properties in the upper 100 feet (Table 20.3-1 Site Classification) and all structures and portions of structures should be designed to resist the effects of seismic loadings caused by earthquake ground motions in accordance with ASCE 7-16.

7.1) Seismic Design Parameters

Based on the average site soil properties, a seismic Site Class E – Soft Clay Soil can be used in the analysis of this site. The seismic design parameters presented in Table 3 were obtained from the OSHPD Seismic Hazard Design Maps available through the USGS and in accordance with ASCE 7-16.

Table 3 – Seismic Design Parameters

Site Class	E – Soft Clay Soil
Site Specific MCE Peak Ground Acceleration, PGA	0.891g
Short Period Spectral Response Acceleration period, S_S	2.155
Long Period Spectral Response Acceleration period, S_1	0.731
Short Period Site Amplification Factor, F_a	See Section 11.4.8 of ASCE 7-16
Long Period Site Amplification Factor, F_v	See Section 11.4.8 of ASCE 7-16
Short-Period Design Spectral Response Acceleration, S_{DS}	See Section 11.4.8 of ASCE 7-16
1-Second Period Design Spectral Response Acceleration, S_{D1}	See Section 11.4.8 of ASCE 7-16

A site response analysis may be required. Section 11.4.8 of ASCE 7-16 should be reviewed to determine if an exception applies to this site. A site-specific ground motion hazard analysis is outside the scope of work associated with this report.

7.2) Seismic Hazard Review

Seismic hazards were reviewed in accordance with California Geological Survey's Special Publication 117A Guidelines for Evaluating and Mitigating Seismic Hazards in California (2008). Based on available information, faults were mapped in the vicinity of the project site. The 5 closest faults are identified:

Fault Name	Distance (miles)
San Jacinto fault (Superstition Hills section)	1.3
Imperial fault	4.3
Brawley Seismic Zone	5.6
San Jacinto fault (Superstition Mountain section)	9.3
San Felipe fault zone	11.8

Due to the presence of submerged sands at the site, a liquefaction analysis was conducted for this project location. The ground surrounding the tower site can be described as being relatively level to very gently sloping. Considering the site topography, it is not likely that the site should be considered susceptible to landslides or flows. However, lateral displacement was considered and is discussed below.

A liquefaction analysis was performed for this location using CLiq software (GeoLogismiki, 2007). No soil layers were omitted from evaluation based on plasticity or otherwise. The parameters for the analysis of the top 50 feet (bgs) included an earthquake magnitude of 6.93, based on the USGS Unified Hazard Tool, a peak ground acceleration (PGA) of 0.891g, in accordance with ASCE 7-16 from the OSHPD website (http://seismicmaps.org), and a subsurface water level of 8.5 feet (bgs). The maximum earthquake magnitude was based on a 2-percent probability of exceedance in 50 years or an average return period of 2475 years. Several layers are likely to be susceptible to earthquake-induced liquefaction with a factor of safety (FOS) below 1. Total cumulative liquefaction-induced settlement is estimated to be 1.88 inches. Differential settlements can be estimated as half the total settlement for any singular location over a distance of 30 horizontal feet (0.94 inches). However, differential settlements need not be considered for drilled shafts due to the relatively small footprint.

Due to the relatively level grade of this site, the analysis for lateral spread was performed considering gentle slope conditions from the north to the south side of the site. Based on elevations from Google Earth the site was evaluated with a very gentle grade of 0.5% slope. The calculated lateral spread for the boring is calculated to be between 9 and 10 inches.

The detailed NovoLIQ analysis report is included in Appendix B and the summarized settlement analysis is provided in Table 4.

Table 4 – Seismic-Induced Total Settlement

Depth (feet)		Subsurface Material	Average Factor of Safety (FOS)	Total Seismic-Induced Settlement (inches)	Cumulative Total Seismic-Induced Settlement (inches)
Top	Bottom				
0	3.5	CL	-	-	-
3.5	6	CL	-	-	-
6	8.5	CL	-	-	-
8.5	13.5	SM	-	-	-
13.5	18.5	CH	1.59	0	1.88
18.5	23.5	ML	1.63	0	1.88
23.5	28.5	ML	1.54	0	1.88
28.5	33.5	ML	1.48	0	1.88
33.5	38.5	ML	1.47	0	1.88
38.5	43.5	ML	0.74	0.92	1.88
43.5	48.5	ML	0.78	0.63	0.96
48.5	50	ML	0.77	0.33	0.33
				Total Cumulative Settlement[2]	**1.88 inches**

Based on our evaluation, the proposed tower and associated lightly loaded structures are acceptable from a geotechnical engineering standpoint, provided the foundation design takes into account the estimated seismic-induced settlements and potential downdrag forces noted in Section 5.2 and follows the recommendations within this report. Minimal grading is expected at the site. Grading should not be considered susceptible to landslide, settlement, and slippage under the anticipated design loadings and conditions; the proposed tower and associated lightly loaded structures should not impose any adverse effect on existing adjacent land or structures.

7.3) Geologic Hazard Review

Based on the subsurface exploration, site specific geologic hazards including, but not limited to, shrink/swell soils, collapsible soils, problematic shales, karst, and indicators of potential slope failures were not encountered in the sounding. As is customary, any known geologic hazards identified during exploration and subsequent analysis have been noted in the report. Potentially liquefiable soils and differential settlements were addressed in Sections 5.2 and 7.2 of this report.

8) CONSTRUCTION CONSIDERATIONS - SHALLOW FOUNDATION

The following recommendations pertain to the newly proposed tower foundation only. Should additional recommendations be required for lightly loaded support structures, such as the equipment shelter, TEP can provide these, at the client's request, for an additional fee.

8.1) Excavation

The boring data indicates excavation to the expected subgrade level for the shallow foundation will extend through clay and sand. A large, tracked excavator should be able to remove the materials with moderate difficulty.

Excavations should be sloped or shored in accordance with local, state and federal regulations, including OSHA (29 CFR Part 1926) excavation trench safety standards. It is the responsibility of the contractor for site safety. This information is provided as a service and under no circumstance should TEP be assumed responsible for construction site safety.

8.2) Dewatering/Foundation Evaluation/Subgrade Preparation

As subsurface water was encountered at a depth of 8.5 feet (bgs) during the subsurface exploration, dewatering may or may not be required. Subsurface water can likely be controlled with the use of a sump and pump system and/or trenches. Dewatering components should be placed to not interfere with the placement of backfill materials and/or concrete foundations and should be utilized to keep the localized water table below the bottom of any excavation.

After dewatering and excavation to the design elevation for the footing, the materials should be evaluated by a Geotechnical Engineer or a representative of the Geotechnical Engineer prior to reinforcement and concrete placement. This evaluation should include probing, shallow hand auger borings and dynamic cone penetrometer testing (ASTM STP 399) to help verify that suitable residual material lies directly under the foundation and to determine the need for any undercut and replacement of unsuitable materials. Loose surficial material should be compacted in the excavation prior to reinforcement and concrete placement to stabilize surface soil that may have become loose during the excavation process. TEP recommends a 6-inch layer of compacted dense-graded stone be placed just after excavation to aid in surface stability.

8.3) Fill Placement and Compaction

Backfill materials placed above the shallow foundation to the design subgrade elevation should not contain more than 5 percent by weight of organic matter, waste, debris or any otherwise deleterious materials. To be considered for use, backfill materials should have a maximum dry density of at least 100 pounds per cubic foot as determined by modified Proctor (ASTM D1557), a Liquid Limit no greater than 40, a Plasticity Index no greater than 20, a maximum particle size of 4 inches, and 20 percent or less of the material having a particle size between 2 and 4 inches. Because small handheld or walk-behind compaction equipment will most likely be used, backfill should be placed in thin horizontal lifts not exceeding 6 inches (loose).

Fill placement should be monitored by a qualified Materials Technician working under the direction of a Geotechnical Engineer. In addition to the visual evaluation, a sufficient amount of in-place field density tests should be conducted to confirm the required compaction is being attained.

8.4) Reuse of Excavated Soil

The clay and sand that meets the above referenced criteria can be utilized as backfill based on dry soil and site conditions at the time of construction.

9) CONSTRUCTION CONSIDERATIONS - DRILLED SHAFTS

Based on TEP's experience, a conventional drilled shaft rig (Hughes Tool LDH, or equivalent) can be used to excavate to the termination depth of TEP's boring. An earth auger can typically penetrate the materials encountered to the termination depth of the boring with moderate difficulty. Special excavation equipment may be necessary for a shaft greater that 60-inches in diameter.

Due to the subsurface water and the sandy soil, the contractor should utilize the "slurry" method for shaft construction. The following are general procedure recommendations in drilled shaft construction using the "slurry" method:

1) Slurry drilled shafts are constructed by conventional caisson drill rigs excavating beneath a drilling mud slurry. Typically, the slurry is introduced into the excavation after the water table has been penetrated and/or the soils on the sides of the excavation are observed to be caving-in. When the design shaft depth is reached, fluid concrete is placed through a tremie pipe at the bottom of the excavation.

2) The slurry level should be maintained at a minimum of 5 feet or one shaft diameter, whichever is greater, above the subsurface water level.

3) Inspection during excavation should include verification of plumbness, maintenance of sufficient slurry head, monitoring the specific gravity, pH and sand content of the drilling slurry, and monitoring any changes in the depth of the excavation between initial approval and prior to concreting.

4) A removable steel casing should be installed in the shaft to prevent caving of the excavation sides due to excavation disturbance and soil relaxation. Loose soils in the bottom of the shaft should be removed.

5) The specific gravity or relative density of the drilling mud slurry should be monitored from the initial mixing to the completion of the excavation. An increase in the specific gravity or density of the drilling slurry by as much as 10 percent is indicative of soil particles settling out of the slurry onto the bottom of the excavation. This settling will result in a reduction of the allowable bearing capacity of the bottom of the drilled shaft.

6) After approval, the drilled shaft should be concreted as soon as practical using a tremie pipe.

7) For slurry drilled shafts, the concrete should have a 6- to 8-inch slump prior to discharge into the tremie. The bottom of the tremie should be set at about one tremie pipe diameter above the excavation. A closure flap at the bottom of the tremie should be used, or a sliding plug introduced into the tremie before the concrete, to reduce the potential for the concrete being contaminated by the slurry. The bottom of the tremie must be maintained in concrete during placement, which should be continuous.

8) The protective steel casing should be extracted as concrete is placed. A head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the casing.

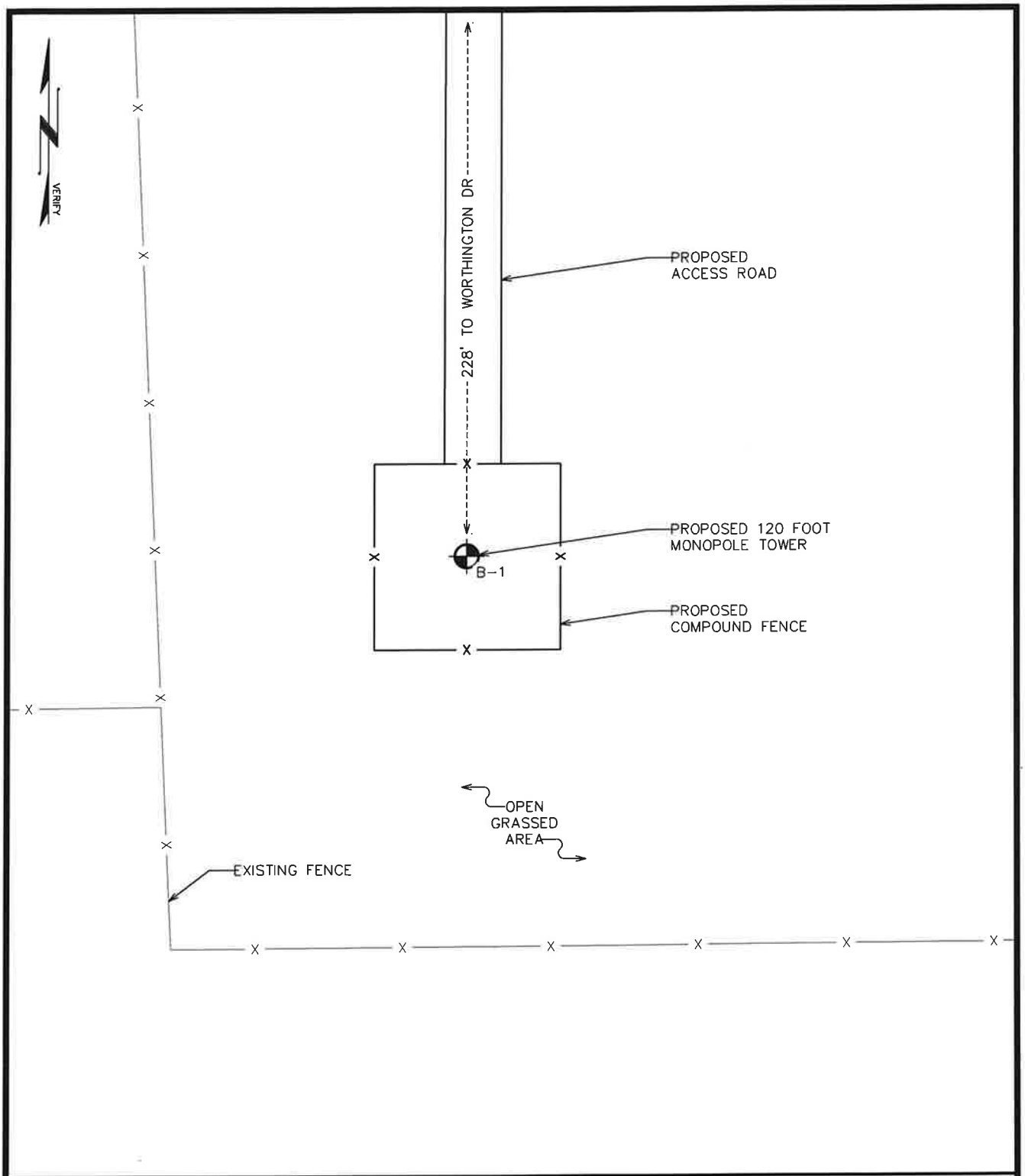
If variability in the subsurface materials is encountered, a representative of the Geotechnical Engineer should verify that the design parameters are valid during construction. Modification to the design values presented above may be required in the field.

10) SITE PHOTOGRAPHS

	Boring Location During Drilling Activities
	Boring Location Following Drilling Activities

APPENDIX A

BORING LAYOUT



BORING LAYOUT

SCALE: N.T.S.

PREPARED BY:	PREPARED FOR:	PROJECT INFORMATION:	
TEP 326 TRYON ROAD RALEIGH, NC 27603 (919) 661-6351	SKYWAY TOWERS 3637 MADACA LANE TAMPA, FL 33618 (813) 960-6200	**IMPERIAL** **SITE #: CA-00435** 749 WEST WORTHINGTON ROAD IMPERIAL, CA 92251 (IMPERIAL COUNTY)	REVISION: 0 TEP JOB #: 341053.1032886 SHEET NUMBER: **C-1**

APPENDIX B

NOVOLIQ REPORT

Soil Liquefaction Analysis Report

Tower Engineering Professionals, Inc.

Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By : Reviewed By : JDL

Table i : Input Data and Assumptions

Input Assumption	Setting
Field Test Type :	Standard Penetration Test (SPT)
Apply All Corrections to SPT?	True
Groundwater Level (ft) =	8.5
Earthquake Magnitude M =	6.9
Magnitude Scaling Factor (MSF) :	1.24 (Idriss, 1997 -NCEER)
Fines Content Correction :	(according to user settings)
Depth Reduction Factor (Rd) :	NCEER, 1997
Relative Density (Dr) Estimation :	Idriss & Boulanger, 2003
Site Topography :	Gently Sloped : 0.5 %
Ground Improvement Feature :	None
Peak Ground Acceleration PGA (g) =	0.891

Table ii : CRR Calculation Methods

CRR Formula	Selected?
NCEER Workshop (1997)	False
Boulanger & Idriss (2014)	True
Vancouver Task Force (2007)	False
Cetin et al. (2004)	True
Chinese Code	False
Seed et al. (1983)	False
Japanese Highway Bridge Code	False
Tokimatsu and Yoshimi (1983)	False
Shibata (1981)	False
Kokusho et al. (1983)	False

Table iv : Field Tests

Depth (ft)	SPT Blow Counts(N)
1	7
3.5	6
6	6
8.5	6
13.5	4
18.5	7
23.5	9
28.5	9
33.5	10
38.5	16
43.5	18
48.5	18

Table iii : Subsurface Soil Layers

Layer Thickness (ft)	Soil Type	Unit Weight (lb/ft3)	Fines Content (%)	D50 (mm)	Check Liquefaction	Su (ksf)
8.5	Clay	111	60	0.002	False	0
5	Sand	108	12	2	True	0
5	Clay	111	90	0.002	True	0.8
15	Silt	108	90	0.02	True	0.75
15	Silt	112	90	0.02	True	1.1

Table v : Post-Liquefaction Displacements

Type	Method	Movement (inch)
Lateral Spreading	Zhang & Robertson, 2004	7
Lateral Spreading	Faris, 2006	0 (M<8)
Lateral Spreading	Youd et al., 2002	0
Lateral Spreading	Barlett & Youd, 1992	0 (M<8)
Lateral Spreading	Hamada et al , 1986	58
Lateral Spreading	Youd & Perkins, 1987	LSI ~26 see details for LSI=30
Vertical Settlement	Ishihara & Yoshimine, 1992	2

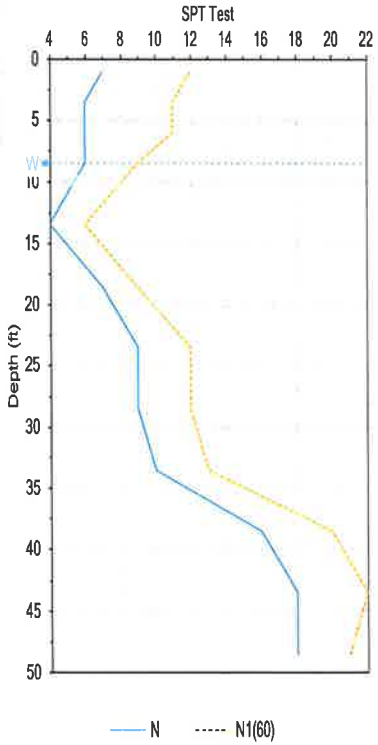
Soil Liquefaction Analysis Report

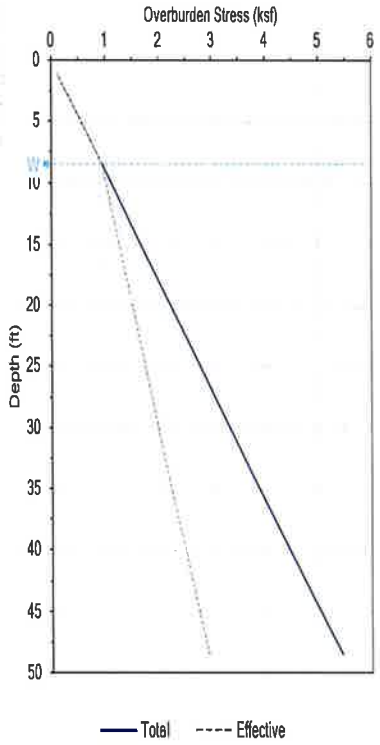
Tower Engineering Professionals, Inc.

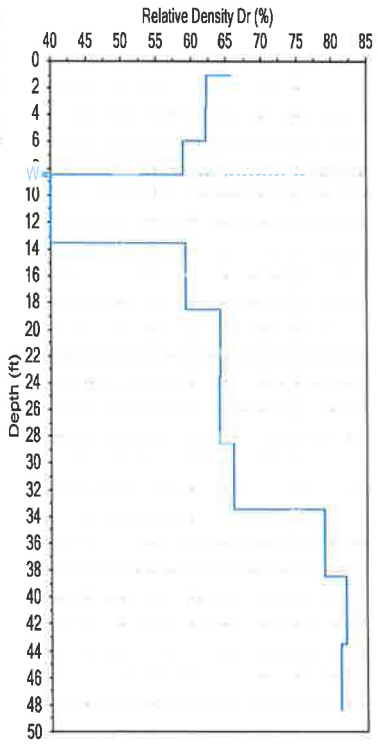
Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

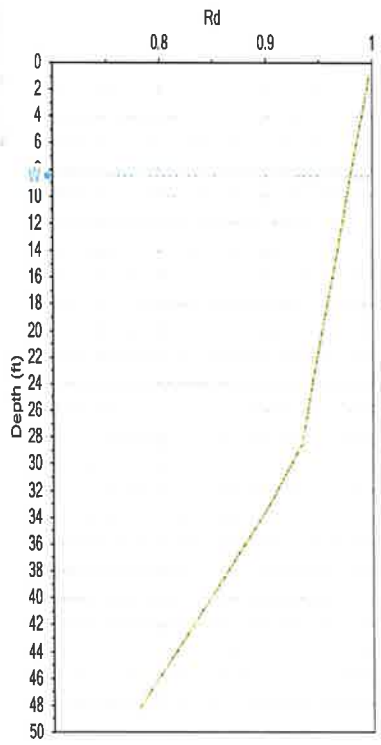
Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By :

Reviewed By : JDL









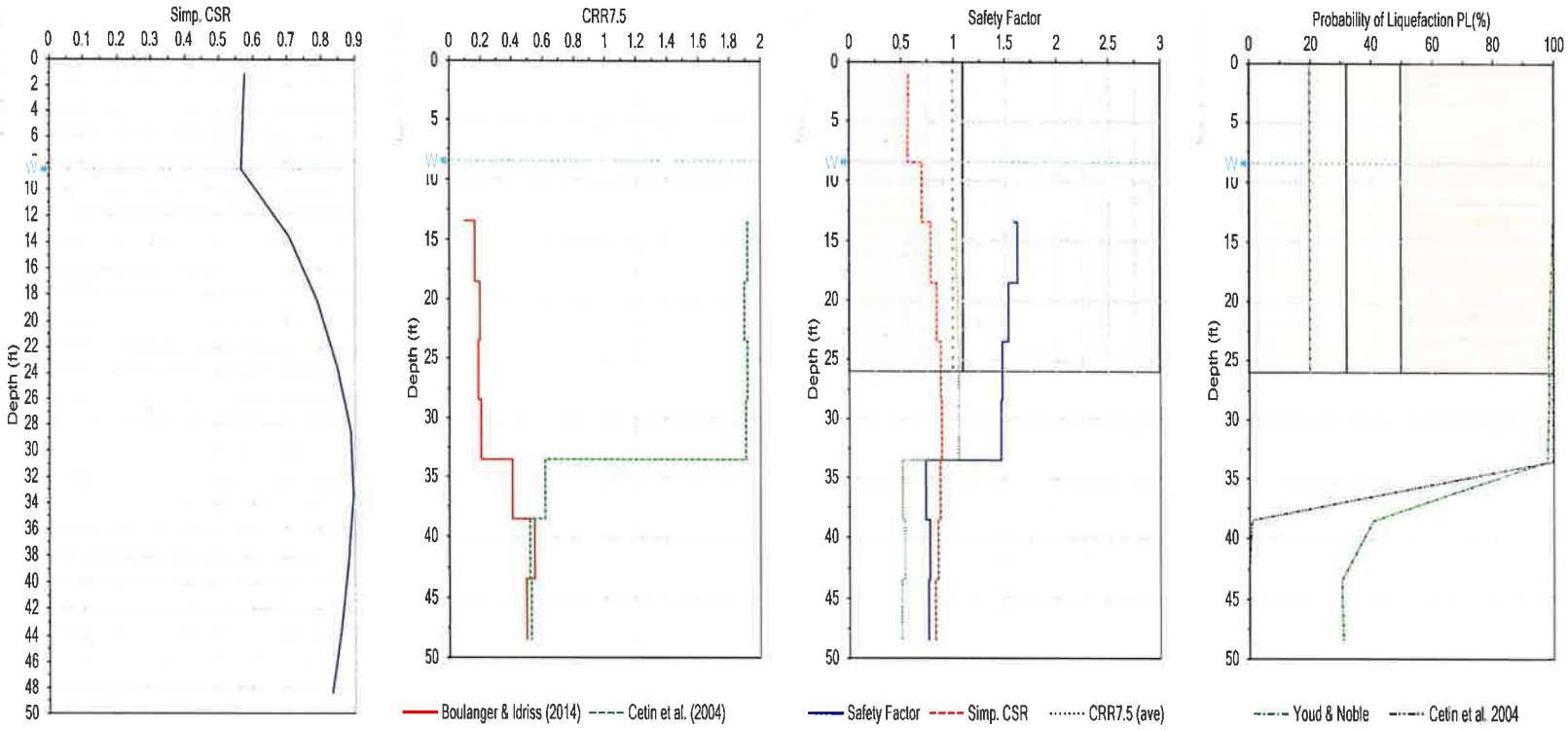
Soil Liquefaction Analysis Report

Tower Engineering Professionals, Inc.

Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By :

Reviewed By : JDL



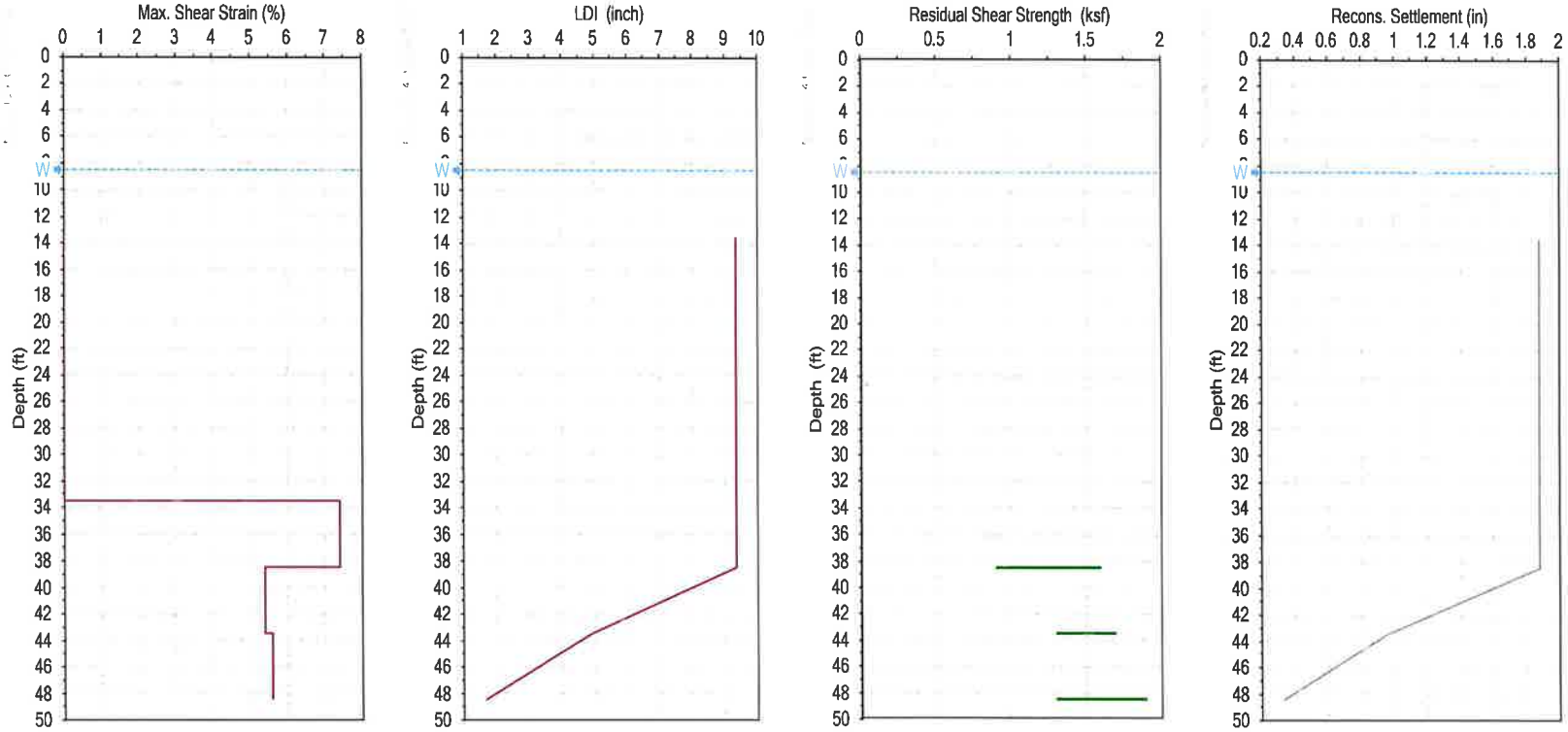
Soil Liquefaction Analysis Report

Tower Engineering Professionals, Inc.

Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By :

Reviewed By : JDL



APPENDIX C

BORING LOG

TEP
326 Tryon Road
Raleigh, NC 27603
919.661.6351
geotech@tepgroup.net

LOG OF BORING B-1

PROJECT	SITE ID:	TEP NO.:
Imperial	CA-00435	341053

DATE STARTED	DRILLING METHOD	HOLE SIZE	CITY, STATE
12/17/2024	Hollow Stem Auger	3.25 in	Imperial, California

DATE COMPLETE	HAMMER WEIGHT/FALL	HAMMER TYPE	TOTAL DEPTH	DRILL RIG TYPE
12/17/2024	140lbs / 30in	Auto Hammer	50.0 FT	Fraste PL-G

GROUND EL.	LOGGED BY	CHECKED BY	BACKFILL	DEPTH/EL. GROUNDWATER
	KWG	JDL	Cuttings	▽ 8.5/ ATD

BORING LOCATION: At the approximate location of the proposed tower

SAMPLE NUMBER	SAMPLE LENGTH (INCHES)	BLOW COUNTS (N) / REC% / RQD%	ELEVATION (FEET)	DEPTH (FEET)	SAMPLE GRAPHIC	USCS GRAPHIC	DESCRIPTION AND CLASSIFICATION	REMARKS	POCKET PEN TSF	UNCONFINED STRENGTH, PSF	UNIT WEIGHT PCF
S1	18	4-3-4 (7)		0			0.0-3.5: Medium stiff, brown, lean CLAY (CL), moist		3.8		
S2	18	3-2-4 (6)		5			3.5-6.0: to sandy		2.4		
S3	18	2-2-4 (6)					6.0-8.5: to trace sand		1.3		
S4	18	4-2-4 (6)		10			8.5-13.5: Loose, brown, fine to medium, silty SAND (SM), wet				
S5	18	2-1-3 (4)		15			13.5-18.5: Soft, dark brown, fat CLAY (CH), with sand, wet		1.2		
S6	18	3-3-4 (7)		20			18.5-23.5: Medium stiff, dark brown, sandy SILT (ML), wet		0.8		
S7	18	3-4-5 (9)		25			23.5-28.5: to stiff, with sand		1.2		
S8	18	4-4-5 (9)		30			28.5-38.5: to no sand		0.9		
S9	18	4-4-6 (10)		35					1		
S10	18	6-8-8 (16)		40			38.5-48.5: to very stiff, trace sand		1.5		
S11	18	7-8-10 (18)		45					1.4		
S12	18	7-8-9 (17)		50			48.5-50.0: to with sand		1.5		
							50.0: Boring Terminated				

TEP
326 Tryon Road
Raleigh, NC 27603
919-661-6351
Geotech@tepgroup.net

Key to Soil Symbols and Terms

TERMS DESCRIBING CONSISTENCY OR CONDITION

COARSE-GRAINED SOILS (major portions retained on No. 200 sieve): includes (1) clean gravel and sands and (2) silty or clayey gravels and sands. Condition is rated according to relative density as determined by laboratory tests or standard penetration resistance tests.

Descriptive Terms	SPT Blow Count
Very Loose	< 4
Loose	4 to 10
Medium Dense	11 to 30
Dense	31 to 50
Very Dense	> 50

FINE-GRAINED SOILS (major portions passing on No. 200 sieve): includes (1) inorganic and organic silts and clays (2) gravelly, sandy, or silty clays, and (3) clayey silts. Consistency is rated according to shearing strength, as indicated by penetrometer readings, SPT blow count, or unconfined compression tests.

Descriptive Terms	SPT Blow Count
Very Soft	< 2
Soft	2 to 4
Medium Stiff	5 to 8
Stiff	9 to 15
Very Stiff	16 to 30
Hard	> 30

GENERAL NOTES

1. Classifications are bases on the Unified Soil Classification System and include consistency, moisture, and color. Field descriptions have been modified to reflect results of laboratory tests where deemed appropriate.

2. Surface elevations are based on topographic maps and estimated locations and should be considered approximate.

3. Descriptions on these boring logs apply only at the specific boring locations and at the time the borings were made. They are not guaranteed to be representative of subsurface condition at other locations or times.

	Group Symbols	Typical Names
	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	GP	Poorly-graded gravels, little or no fines/sands
	GM	Silty gravels, gravel-sand-silt mixtures
	GC	Clayey gravels, gravel-sand-silt mixtures
	SW	Well-graded sands, gravelly sands, little or no fines
	SP	Poorly-graded sands, little or no fines/sands/gravels
	SM	Silty sands, sand-silt mixtures
	SC	Clayey sands, sand-clay mixtures
	ML	Inorganic silts and very fine sands, rock floor, silty or clayey fine sands or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity
	MH	Inorganic silts, micaceous or distomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silts
	PT	Peat and other highly organic soils

Sampler Symbols

- Split Spoon
- Standard Penetration Test (SPT)
- Pushed Shelby Tube
- Auger Cuttings
- Grab Sample
- Dynamic Cone Penetrometer
- Hand Auger
- Rock Core

Log Abbreviations

ATD - At Time of Drilling
AD - After Drilling
EOD - End of Drilling
RMR - Rock Mass Rating
WOH - Weight of Hammer
WOR - Weight of Rod
REC - Rock Core Recovery
RQD - Rock Quality Designation

Information Regarding This Subsurface Exploration Report

The information contained in this report has been specifically tailored to the needs of the client at the time the report was provided, for the specific purpose of the project named in this report. The attached report may not address the needs of contractors, civil engineers, or structural engineers. Anyone other than the named client should consult with the geotechnical engineer prior to utilizing the information contained in the report.

It is always recommended that the full report be read. While certain aspects of the report may seem unnecessary or irrelevant; just as each project and site are unique, so are the subsurface investigation reports and the information contained in them. Several factors can influence the contents of these reports, and the geotechnical engineer has taken into consideration the specific project, the project location, the client's objectives, potential future improvements, etc. If there is any question about whether the attached report pertains to your specific project or if you would like to verify that certain factors were considered in the preparation of this report, it is recommended that you contact the geotechnical engineer.

Geotechnical subsurface investigations often are prepared during the preliminary stages of a project and aspects of the project may change later on. Some changes may require a report revision or additional exploration. Some changes that often need to be brought to the attention of the geotechnical engineer include changes in location, size and/or type of structure, modifications to existing structures, grading around the project site, etc. Some naturally occurring changes can also develop that impact the information contained in this geotechnical report such as earthquakes, landslides, floods, subsurface water levels changing, etc. It is always recommended that the geotechnical be informed of known changes at the project site.

Subsurface exploration reports are generated based on the analysis and professional opinions of a geotechnical engineer based on the results of field and laboratory data. Often subsurface conditions can vary – sometimes significantly – across a site and over short distances. It often is helpful to retain the geotechnical engineer's services during the construction process. Otherwise, the geotechnical cannot assume responsibility or liability for report recommendations which may have needed to change based on changing site conditions or misinterpretation of recommendations.

Geotechnical engineers assemble testing and/or boring logs based on their interpretation of field and laboratory data. Testing and/or boring logs should always be coupled with the subsurface exploration report. The geotechnical engineer and Tower Engineering Professionals cannot be held reliable for interpretations, analyses, or recommendations based solely on the testing and/or boring log if it is independent of the prepared report.

The scope of the subsurface exploration report does not include an assessment or analysis of environmental conditions, determination of the presence or absence of wetlands or hazardous or toxic materials on or below the ground surface. Any notes regarding odors, fill, debris, or anything of that nature are offered as general information for the client, often to help identify or delineate natural soil boundaries.

TEP

For additional information, please contact the geotechnical engineer named in the attached report.

IMPERIAL COUNTY PLANNING & DEVELOPMENT SERVICES
GENERAL INDEMNIFICATION AGREEMENT

As part of this application, applicant and real party in interest, if different, agree to defend, indemnify, hold harmless, and release the County of Imperial ("County"), its agents, officers, attorneys, and employees (including consultants) from any claim, action, or proceeding brought against any of them, the purpose of which is to attack, set aside, void, or annul the approval of this application or adoption of the environmental document which accompanies it. This indemnification obligation shall include, but not be limited to, damages, costs, expenses, attorney fees, or expert witness fees that may be asserted by any person or entity, including the applicant, arising out of or in connection with the approval of this application, whether or not there is concurrent negligence on the part of the County, its agents, officers, attorneys, or employees (including consultants).

If any claim, action, or proceeding is brought against the County, its agents, officers, attorneys, or employees (including consultants), to attack, set aside, void, or annul the approval of the application or adoption of the environmental document which accompanies it, then the following procedures shall apply:

1. The Planning Director shall promptly notify the County Board of Supervisors of any claim, action or proceeding brought by an applicant challenging the County's action. The County, its agents, attorneys and employees (including consultants) shall fully cooperate in the defense of that action.

2. The County shall have the final determination on how to best defend the case and will consult with applicant regularly regarding status and the plan for defense. The County will also consult and discuss with applicant the counsel to be used by County to defend it, either with in-house counsel, or by retaining outside counsel provided that the County shall have the final decision on the counsel retained to defend it. Applicant shall be fully responsible for all costs incurred. Applicant shell be entitled to provide his or her own counsel to defend the case, and said independent counsel shall work with County Counsel to provide a joint defense.

Executed at _____ California on _____, 201____

APPLICANT

Name: Tom Wilkerson

By _____

Title Site Acquisition Agent

Mailing Address:

4710 E Elwood St. Suite 9
Phoenix, AZ 85040

REAL PARTY IN INTEREST
(If different from Applicant)

Name Justin Jones

By _____

Title Vice President Skyway Towers

Mailing Address:

3637 Madaca Ln.
Tampa, FL 33618

ACCEPTED/RECEIVED BY _____ Date _____

PROJECT ID NO _____ APN ___-___-___-___

S:\FORMS _ LISTS\General Indemnification FORM 041516.doc

RF DESIGN & SERVICES

Non-Ionizing Radiation (NIER) Study

Site Number: **CA-00435**	Site Name: **Imperial**	Location: **Imperial, California**
Tenant: **T-Mobile**		



Prepared For: **Skyway Towers, Tampa, Florida**

May 9, 2025

341053 P-432429

Prepared By

Gautam J. Sopal

Tower Engineering Professionals

Approved By

TEP Engineering, PLLC 1018121

REGISTERED PROFESSIONAL ENGINEER
MARK OLIVER EXBUSH
23287
ELECTRICAL
STATE OF CALIFORNIA

5/9/25

TEP Is a family of companies licensed to provide different services in different Jurisdictions. Depending on the jurisdiction, professional engineering and land Surveying services are provided by TEP OpCo LLC, a Delaware limited liability Company, TEP Engineering, PLLC, a North Carolina professional limited liability Company, or M&H Engineering, PLLC, a New York professional limited Liability company. General contractor services are provided by TEPDB OpCo LLC, A Delaware limited liability company. We acquire the requisite licenses in each State. Additional information can be obtained from the company.

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Contents

DISCLAIMER NOTICE 3
INTRODUCTION 4
SITE AND FACILITY CONSIDERATIONS 4
POWER DENSITY CALCULATIONS 4
SITE MITIGATION & CONTROL 5
COMPLIANCE DETERMINATION 5
APPENDIX 1 SITE PHOTOS 6
APPENDIX 2.1 ANTENNA INVENTORY 7
APPENDIX 3.1 MPE LIMIT STUDY GENERAL POPULATION 8
APPENDIX 3.2 MPE LIMIT STUDY OCCUPATIONAL LIMIT 9
APPENDIX 3.3 MPE LIMIT STUDY GENERAL POPULATION – HORIZONTAL VIEW 10
APPENDIX 3.4 MPE LIMIT STUDY OCCUPATIONAL LIMIT – HORIZONTAL VIEW 11
APPENDIX 4.1 BARRIER & SIGN TYPES 12
APPENDIX 4.2 BARRIER & SIGN TYPES 13
APPENDIX 5 INFORMATION PERTAINING TO MPE STUDIES 14
APPENDIX 6 MPE STANDARDS METHODOLOGY 16

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Disclaimer Notice

This work is based upon our best interpretation of available information. However, these data and their interpretation are constantly changing. Therefore, we do not warrant that any undertaking based on this report will be successful, or that others will not require further research or actions in support of this proposal or future undertaking. In the event of errors, our liability is strictly limited to the replacement of this document with a corrected one. Liability for consequential damages is specifically denied. Any use of this document constitutes an agreement to hold Tower Engineering Professionals and its employees harmless and indemnify it for all liability, claims, demands, and litigation expenses and attorney's fees arising out of such use.

Work product documents released prior to account settlement remain the sole property of Tower Engineering Professionals and must be returned on demand. Underlying work notes and data relating to this document remain the property of Tower Engineering Professionals. This document shall not be reproduced in whole or part without the permission of Tower Engineering Professionals. Any dispute hereunder shall be adjudicated in North Carolina. Any use or retention of this document constitutes acceptance of these terms, the entire work product, and all charges associated therewith.

COPYRIGHT © 2025 BY

TOWER ENGINEERING PROFESSIONALS

RALIEGH, NORTH CAROLINA

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Non-Ionizing Electromagnetic Radiation (NIER) Study

CA-00435 Imperial
Imperial, California

INTRODUCTION

Tower Engineering Professionals RF Design & Services Division (TEP-RF) of Raleigh, North Carolina, has been retained by Skyway Towers (ST), of Tampa, Florida to evaluate the RF emissions compared to the Maximum Permissible Exposure (MPE) limit for facilities at this location. This evaluation uses compliance standards as outlined in Federal Communications Commission (FCC) document OET-65.

SITE AND FACILITY CONSIDERATIONS

Site Number	CA-00435
Site Name	Imperial
Address	749 West Worthington Rd., Imperial, California
Co-ordinates	32.846758, -115.600128
Structure Type	Monopole
Structure Height	120 ft
Tenants	T-Mobile (TMO)

POWER DENSITY CALCULATIONS

Power densities were calculated based on FCC MPE limits for both General Population/Uncontrolled and Occupational/Controlled environments.

For the purpose of this study, a radius of 100' from the base of the tower with a height of 6' above ground level was used, beyond 100' the MPE levels become *di minimus*. This study utilized FCC recognized and accepted software programs using the maximum ERP levels for the antenna models provided by ST. Diagrams depicting the predicted spatial average power density level at any specific location may be found in Appendix 3, MPE Limit Study. Descriptions of RF signage can be found in Appendix 4, Barrier & Sign Types. A discussion regarding the FCC limits may be found in Appendix 5, Information Pertaining to MPE Studies. Prediction Models used in this study may be found in Appendix 6, MPE Standards Methodology.

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

All data used in this study was collected from one or more of the following sources:

- ST furnished data and does not include other unidentified communication facilities.
- CA-00435 - RFDS (003) Dated 06/28/2024.
- CA-00435_IMPERIAL_Zoning_REV0_09.27.24 Dated 09/27/2024.
- FCC databases.
- Carrier standard configurations.
- Empirical data collected by TEP.

SITE MITIGATION & CONTROL

In order to comply with FCC, tenant, & Skyway Towers requirements, TEP recommends the placement of signage at the following points:

Site Entrance

1. Site ID Sign (tower owner defined)
2. RF Information Sign (Green)

Tower Access Point

1. RF Exposure Sign (Red)

Alpha Sector

No additional mitigation is required.

Beta Sector

No additional mitigation is required.

Gamma Sector

No additional mitigation is required

COMPLIANCE DETERMINATION

The operation of the proposed facility, in addition to other ambient RF emission levels, will not exceed current FCC adopted standards with regard to human exposure in controlled and un-controlled areas as defined by the FCC.

Occupational MPE (100% = 5000 microwatts): .12% / 6.0 microwatts per cm2
General Population MPE (100% = 1000 microwatts): .58% / 5.8 microwatts Per cm2

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 1 Site Photos



Aerial View of the Site

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

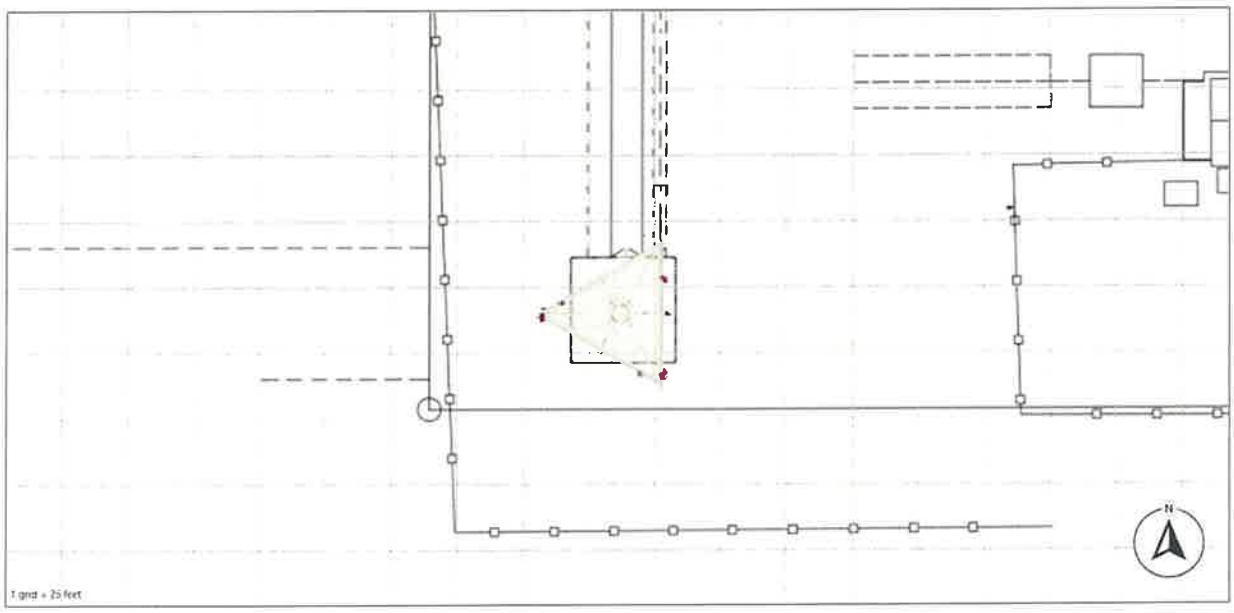
Appendix 2.1 Antenna Inventory

Ant #	Carrier	Manufacturer	Antenna Model	Az (deg)	TX (MHz)	RX (MHz)	EDT (deg)	MDT (deg)	Gain (dBd)	ERP (W)	Rad Ctr (ft)
1	TMO	Ericsson	AIR 6419 B41	050	2496-2690	2496-2690	6	0	24.2	58904	118.5
2	TMO	Ericsson	AIR 6419 B41	130	2496-2690	2496-2690	6	0	24.2	58904	118.5
3	TMO	Ericsson	AIR 6419 B41	270	2496-2690	2496-2690	6	0	24.2	58904	118.5
4	TMO	Commscope	APXVAALL24_43-U-NA20	050	617-698	617-698	2	0	15.1	10400	116
					698-806	698-806				12504	
					1850-1990	1850-1990				12650	
					1995-2200	1995-2200				15209	
5	TMO	Commscope	APXVAALL24_43-U-NA20	130	617-698	617-698	2	0	15.1	10400	116
					698-806	698-806				12504	
					1850-1990	1850-1990				12650	
					1995-2200	1995-2200				15209	
6	TMO	Commscope	APXVAALL24_43-U-NA20	270	617-698	617-698	2	0	15.1	10400	116
					698-806	698-806				12504	
					1850-1990	1850-1990				12650	
					1995-2200	1995-2200				15209	

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 3.1 MPE Limit Study General Population



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Floor Study Zone	0.0	Floor	2D Sula 9 General...	0.58%	0.00	TMO

5%-100%	100%-500%	500%-5000%	5000%+

Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
2D Sula 9 General Population - 0.25...	Sula 9	Spatial Avg. (6 ft)	FCC General Public	0.25	1.0

TMO

Mitigation — Existing — Proposed — Installed — To Remove — Max MPE

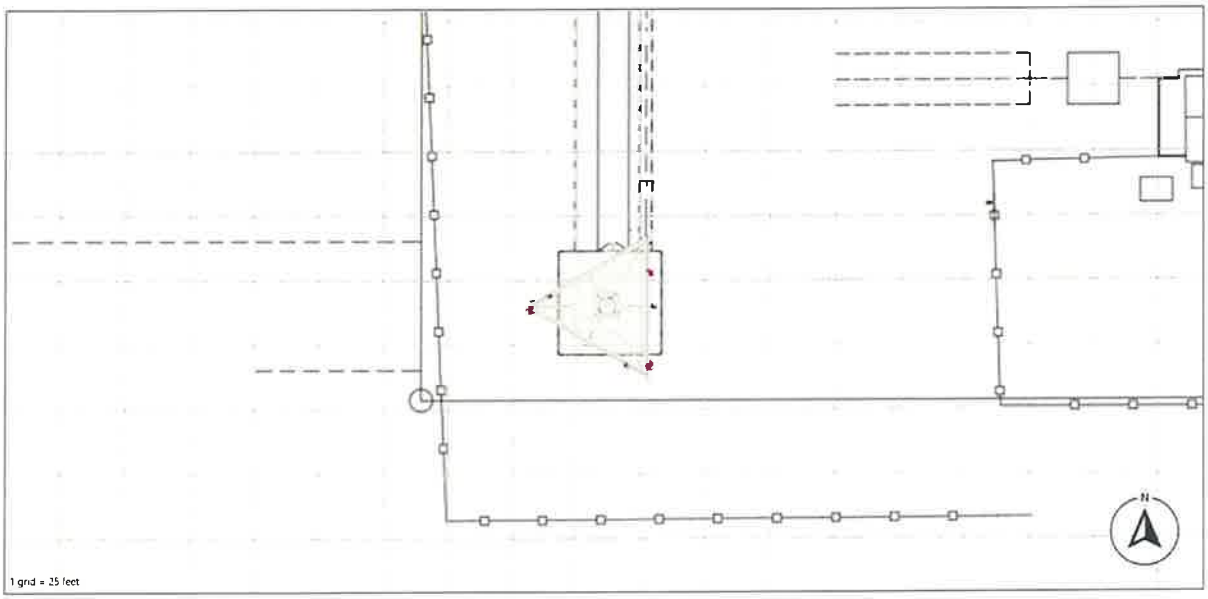
Grid Size: 25.00 feet

Floor = Elevation +6' | Mid-Level = Elevation +/- 3'

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 3.2 MPE Limit Study Occupational Limit



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Floor Study Zone	0.0	Floor	2D Sula 9 Occupational -...	0.12%	0.00	TMO

5%-100% | 100%-500% | 500%-5000% | 5000%+

Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
2D Sula 9 Occupational - 0.25 Res	Sula 9	Spatial Avg. (6 ft)	FCC Occupational	0.25	1.0

TMO

Mitigation: Existing | Proposed | Installed | To Remove | Max MPE

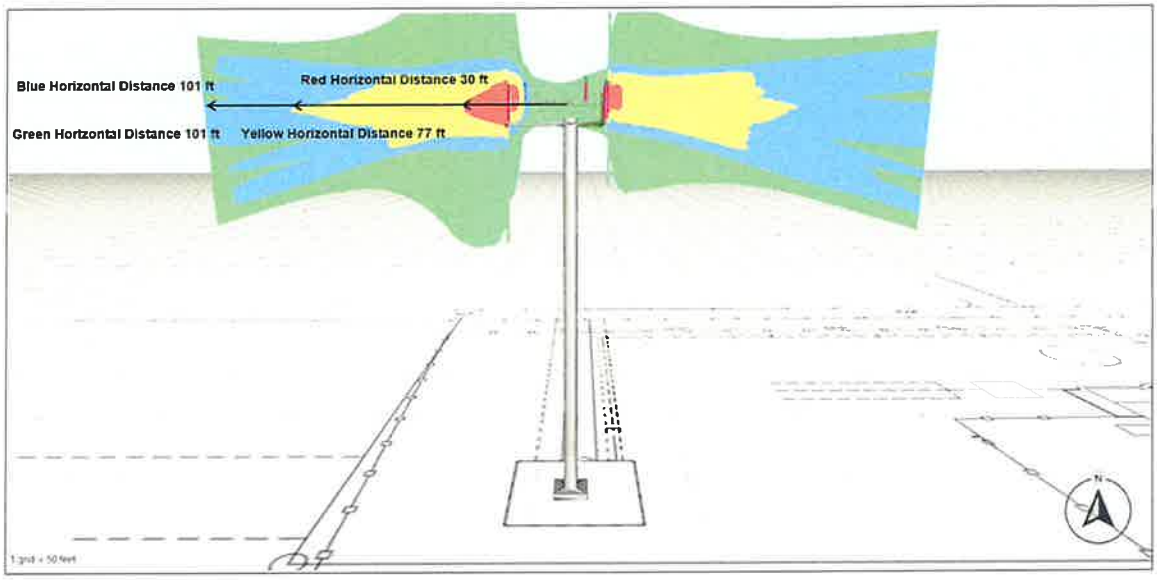
Grid Size: 25.00 feet

Floor = Elevation +6' | Mid-Level = Elevation +/- 3'

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 3.3 MPE Limit Study General Population – Horizontal View



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Vertical 2D Study Zone	70.0	Mid-Level	2D Sula 9 General...	31168.34%	0.00	TMO

5%-100%	100%-500%	500%-5000%	5000%+

Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
2D Sula 9 General Population - 0.25...	Sula 9	Spatial Avg. (6 ft)	FCC General Public	0.25	1.0

TMO

Mitigation: Existing | Proposed | Installed | To Remove | Max MPE

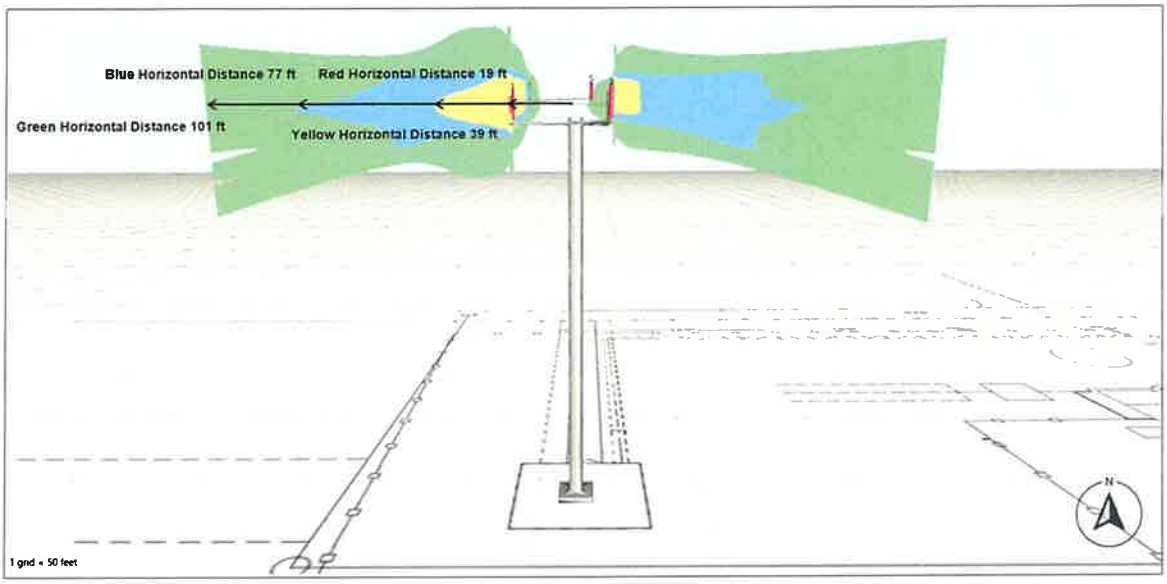
Grid Size: 50.00 feet

Floor = Elevation +6' | Mid-Level = Elevation +/- 3'

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 3.4 MPE Limit Study Occupational Limit – Horizontal View



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Vertical 2D Study Zone	70.0	Mid-Level	2D Sula 9 Occupational -...	6254.49%	0.00	TMO

5%-100%	100%-500%	500%-5000%	5000%+

Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF
2D Sula 9 Occupational - 0.25 Res	Sula 9	Spatial Avg. (6 ft)	FCC Occupational	0.25	1.0

TMO

Mitigation — Existing — Proposed — Installed — To Remove — Max MPE

Grid Size: 50.00 feet

Floor = Elevation +6' | Mid-Level = Elevation +/- 3'

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 4.1 Barrier & Sign Types



Stanchion Type



Cone Type



A-Frame Type

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 4.2 Barrier & Sign Types

RF Safety Exposure Categorization

Exposure Conditions	Control Measures	Signage
• Operational of the source(s) or locations where RF fields are too weak to cause exposures greater than General Public limit. Cat. 1 — Occupational Worker: <20% — General Public: <100% • Green zone is where the time and spatial-average is below 20% of Occupational Worker limit or <100% of General Public limit.	• RF Safety Guideline/NIER report must be submitted to RFSO for approval. • No special EME safety practices required in these areas. • No signage required except Information sign.	 *the antenna owner information and Antenna Structure Registration Number and must be displayed on the sign. INFORMATION sign for access to rooftop/access door.
• Operational of the source(s) or locations where RF exposure could cause exposure greater than General Public limit but not the Occupational Worker limit to be exceeded in accessible areas. Cat. 2 — Occupational Worker: ≥20% but <100% — General: >100% • Blue zone is where the spatial average is between 20%-100% of Occupational Worker limit. This limit MUST be less than the Occupational limit.	• RF Safety Guideline/NIER report must be submitted to RFSO for approval. • *Recommended* RF safety awareness training for all workers in this area. • Controlled areas with barriers and/or signage required in these area. • Do not walk in front of the antenna face or no loitering in this controlled area. • Individual MUST have full control over any area where the exposure levels exceed the limit.	 NOTICE signage shall be posted on the barriers/stanchion to prevent anyone from entering into the area (must be cordon off around the antennas - 4 posts /3 signs). Or must be posted in location that can be easily viewed by individuals that enter the areas of concerns.
• Operational of the source(s) or locations where RF exposure exceeded the Occupational Worker limit in accessible areas. Cat. 3 — Occupational Worker: ≥100% — General Public: ≥500% • Yellow zone is where the spatial average is above 100% of Occupational Worker limit.	• RF Safety Guideline/NIER report must be submitted to RFSO for approval. • Individual **shall not** enter and work in these areas without RS approval • Required RF safety training and access area is restricted only for authorized worker. • Controlled areas with barriers and signage required in these area. • Do not walk in front of the antenna face. • Require reduction of RF power and approval from Radiation Safety prior any work on the antennas.	 CAUTION signage shall be posted on the barriers/stanchion to prevent anyone from entering into the area (must be cordon off around the antennas - 4 posts /3 signs).
• Exposure will exceed exposure limit in accessible areas. Cat. 4 — Occupational Worker: >500% — General Public: >1000% • Red zone is where the time and spatial-averaged levels fall above 500% of Occupational Worker limit or is not feasible to prevent exposures.	• RF Safety Guideline/NIER report must be submitted to RFSO for approval. • MUST re-engineer site to reduce the EME fields. • **No access allowed-Prohibited access!** There must be controls to detect any unauthorized enter and terminate the RF energy in the area. • Lock out tag out of transmitters during the maintenance of the antenna system. • PPE is not sufficient. • Special RF training and PPE are required. (Applies only to individuals trained by RS).	 RF WARNING & Pacemaker DANGER signage or appropriate DANGER sign shall be posted very near radiation RF sources or if appropriate DANGER sign.

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 5 Information Pertaining to MPE Studies

In 1985, the FCC first adopted guidelines to be used for evaluating human exposure to RF emissions. The FCC revised and updated these guidelines on August 1, 1996, as a result of a rule-making proceeding initiated in 1993. The new guidelines incorporate limits for Maximum Permissible Exposure (MPE) in terms of electric and magnetic field strength and power density for transmitters operating at frequencies between 300 kHz and 100 GHz.

The FCC's MPE limits are based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP), and, over a wide range of frequencies, the exposure limits were developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC's limits, and the NCRP and ANSI/IEEE limits on which they are based, are derived from exposure criteria quantified in terms of specific absorption rate (SAR). The basis for these limits is a whole-body averaged SAR threshold level of 4 watts per kilogram (4 W/kg), as averaged over the entire mass of the body, above which expert organizations have determined that potentially hazardous exposures may occur. The MPE limits are derived by incorporating safety factors that lead, in some cases, to limits that are more conservative than the limits originally adopted by the FCC in 1985. Where more conservative limits exist, they do not arise from a fundamental change in the RF safety criteria for whole-body averaged SAR, but from a precautionary desire to protect subgroups of the general population who, potentially, may be more at risk.

The FCC exposure limits are also based on data showing that the human body absorbs RF energy at some frequencies more efficiently than at others. The most restrictive limits occur in the frequency range of 30-300 MHz where whole-body absorption of RF energy by human beings is most efficient. At other frequencies, whole-body absorption is less efficient, and consequently, the MPE limits are less restrictive.

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

MPE limits are defined in terms of power density (units of milliwatts per centimeter squared: mW/cm^2), electric field strength (units of volts per meter: V/m) and magnetic field strength (units of amperes per meter: A/m). The far-field of a transmitting antenna is where the electric field vector (E), the magnetic field vector (H), and the direction of propagation can be considered to be all mutually orthogonal ("plane-wave" conditions).

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area. Additional details can be found in FCC OET 65.

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Appendix 6 MPE Standards Methodology

This study predicts RF field strength and power density levels that emanate from communications system antennae. It considers all transmitter power levels (less filter and line losses) delivered to each active transmitting antenna at the communications site. Calculations are performed to determine power density and MPE levels for each antenna as well as composite levels from all antennas. The calculated levels are based on where a human (Observer) would be standing at various locations at the site. The point of interest where the MPE level is predicted is based on the height of the Observer.

Compliance with the FCC limits on RF emissions are determined by spatially averaging a person's exposure over the projected area of an adult human body, that is approximately six-feet or two-meters, as defined in the ANSI/IEEE C95.1 standard. The MPE limits are specified as time-averaged exposure limits. This means that exposure is averaged over an identifiable time interval. It is 30 minutes for the general population/uncontrolled RF environment and 6 minutes for the occupational/controlled RF environment. However, in the case of the general public, time averaging should not be applied because the general public is typically not aware of RF exposure, and they do not have control of their exposure time. Therefore, it should be assumed that any RF exposure to the general public will be continuous.

RF DESIGN & SERVICES

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

The FCC's limits for exposure at different frequencies are shown in the following Tables.

Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 3.0	614	1.63	100*	6
3.0 - 30	1842/f	4.89/f	$900/F^2$	6
30 - 300	61.4	0.163	1.0	6
300 - 1500	--	--	f/300	6
1500 - 100,000	--	--	5	6

f = frequency

* = Plane-wave equivalent power density

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 1.34	614	1.63	100*	30
1.34 - 30	824/f	2.19/f	$180/F^2$	30
30 -300	27.5	0.073	0.2	30
300 -1500	--	--	f/1500	30
1500 -100,000	--	--	1.0	30

f = frequency

* = Plane-wave equivalent power density

General population/uncontrolled exposures apply in situations in which the general public may be exposed or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

It is important to understand that these limits apply cumulatively to all sources of RF emissions affecting a given area. For example, if several different communications

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

system antennas occupy a shared facility such as a tower or rooftop, then the total exposure from all systems at the facility must be within compliance of the FCC guidelines.

The field strength emanating from an antenna can be estimated based on the characteristics of an antenna radiating in free space. There are basically two field areas associated with a radiating antenna. When close to the antenna, the region is known as the Near Field. Within this region, the characteristics of the RF fields are very complex, and the wave front is extremely curved. As you move further from the antenna, the wave front has less curvature and becomes planar. The wave front still has a curvature, but it appears to occupy a flat plane in space (plane-wave radiation). This region is known as the Far Field.

Two models are utilized to predict Near and Far field power densities. They are based on the formulae in FCC OET 65.

Cylindrical Model (Near Field Predictions)

Spatially averaged plane-wave equivalent power densities parallel to the antenna may be estimated by dividing the antenna input power by the surface area of an imaginary cylinder surrounding the length of the radiating antenna. While the actual power density will vary along the height of the antenna, the average value along its length will closely follow the relation given by the following equation:

$$S = P \div 2\pi RL$$

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

For directional-type antennas, power densities can be estimated by dividing the input power by that portion of a cylindrical surface area corresponding to the angular beam width of the antenna. For example, for the case of a 120-degree azimuthal beam width, the surface area should correspond to 1/3 that of a full cylinder. This would increase the power density near the antenna by a factor of three over that for a purely omni-directional antenna. Mathematically, this can be represented by the following formula:

$$S = (180 / \theta_{BW}) P \div \pi RL$$

Where:

S = Power Density

θ_{BW} = Beam width of antenna in degrees (3 dB half-power point)

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

If the antenna is a 360-degree omni-directional antenna, this formula would be equivalent to the previous formula.

RF Design and Services
326 Tryon Road
Raleigh, North Carolina 27603
(815) 721-6954
WWW.TEPGROUP.NET

Spherical Model (Far Field Predictions)

Spatially averaged plane-wave power densities in the Far Field of an antenna may be estimated by considering the additional factors of antenna gain and reflective waves that would contribute to exposure.

The radiation pattern of an antenna has developed in the Far Field region and the power gain needs to be considered in exposure predictions. Also, if the vertical radiation pattern of the antenna is considered, the exposure predictions would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential four-fold increase in power density.

These additional factors are considered, and the Far Field prediction model is determined by the following equation:

$$S = EIRP \times Rc \div 4\pi R^2$$

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

The EIRP includes the antenna gain. If the antenna pattern is considered, the antenna gain is relative based on the horizontal and vertical pattern gain values at that particular location in space, on a rooftop or on the ground. However, it is recommended that the antenna radiation pattern characteristics not be considered to provide a conservative "worst case" prediction. This is the equation is utilized for the Far Field exposure predictions herein.

OWNER'S AFFIDAVIT

In the event the applicant is not owner, the following shall be signed and acknowledge by the owner.

Permission is hereby granted to TEP OpCo LLC, Skyway Towers, and T-Mobile to apply for this
(Lessee, Tenant, Contractor-Specify)

conditional use permit, building permit, and any other permit on the described property located at address
(State permit type clearly i.e. building, land used)

749 W Worthington Road, Imperial, CA 92251 Further identified by Assessor's Parcel Number

(APN) 062-040-075 is hereby granted.

Henry, Sara Calderon
OWNER (SIGNATURE)

Henry, Sara Calderon
OWNER (TYPED OR PRINT)

749 West Worthington RD. Imperial
OWNER'S ADDRESS Ca. 92251

June 12-2025
DATE

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF Imperial } S.S.

On June 12, 2025 before me, Marisol Escareno, Notary Public personally appeared Henry Francisco Calderon and Sara Calderon, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Marisol Escareno (Seal)

MARISOL ESCARENO
Notary Public - California
Imperial County
Commission # 2416124
My Comm. Expires Sep 15, 2026

ATTENTION NOTARY: Although the information requested below is OPTIONAL, it could prevent fraudulent attachment of this certificate to unauthorized document.

Title or Type of Document _____
Number of Pages _____ Date of Document _____
Signer(s) Other Than Named Above _____

PHASE I ENVIRONMENTAL SITE ASSESSMENT

SITE NAME: IMPERIAL (CA-00435)

749 WEST WORTHINGTON ROAD
IMPERIAL, CALIFORNIA 92251
(IMPERIAL COUNTY)

LATITUDE: N 32° 50' 48.33" ±
LONGITUDE: W 115° 36' 0.46" ±

DATE INSPECTED: AUGUST 27, 2024
DATE ISSUED: OCTOBER 16, 2024



PREPARED FOR:

SKYWAY TOWERS
3637 Madaca Lane
Tampa, FL 33618

PREPARED BY:

TEP OPCO, LLC
4700 Dahlia Street
Denver, CO 80216

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPDB OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

Project Site Specific
Phase I Environmental Site Assessment
SKYWAY TOWERS
IMPERIAL (CA-00435)

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY 1

2.0 INTRODUCTION 2

3.0 SUBJECT PROPERTY DESCRIPTION 4

4.0 USER PROVIDED INFORMATION 6

5.0 SITE RECONNAISSANCE 6

6.0 RECORDS REVIEW 8

7.0 INTERVIEWS 11

8.0 DATA GAPS 12

9.0 FINDINGS AND OPINIONS 13

10.0 CONCLUSIONS AND RECOMMENDATIONS 13

11.0 DEVIATIONS 13

12.0 ADDITIONAL SERVICES 13

13.0 REFERENCES 13

14.0 SIGNATURES & QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL 14

15.0 APPENDICES
15.1 Site Vicinity Map
15.2 Site Plan
15.3 Site Photographs
15.4 Historical Research Documentation
15.5 Regulatory Records Documentation
15.6 Interview Documentation
15.7 Qualifications of Environmental Professional

1.0 EXECUTIVE SUMMARY

TEP OPCO, LLC (TEP) has completed a Phase I Environmental Site Assessment (ESA) for a proposed telecommunications tower facility (herein referred to as the *subject property*) located at 749 West Worthington Road, west of the City of Imperial, within Imperial County, California. The *subject property* is located on the southwestern portion of an approximately 2.83-acre parcel of land identified as Tax ID: 062-040-075 by the Imperial County, CA Tax Assessor's Office (herein referred to as the parent property). TEP is pleased to submit this report of our findings to Skyway Towers (herein referred to as the Client).

	Acceptable	Acceptable/Requires Limited Action	Phase II Recommended	Section
Site Reconnaissance	X			**5.0**
Adjoining Properties	X			**5.6**
User Provided Information	X			**4.0**
Historical Records Review	X			**6.1**
Regulatory Records Review	X			**6.2**
Interviews	X			**7.0**

TEP has performed a Phase I ESA in general conformance with the scope and limitations of ASTM Practice E1527-21 for the *subject property* identified as IMPERIAL (CA-00435). Any exceptions to, or deletions from, this practice are described in Section 2.4, 2.5, & 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs) or significant data gaps in connection with the *subject property*. Therefore, no further environmental investigation is warranted or recommended at this time.

2.0 INTRODUCTION

2.1 Intent and Purpose

The intent and purpose of this Environmental Site assessment report (E1527-21) is to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensations, and Liability Act (CERCLA) liability with respect to petroleum products and the contaminants within the scope of the CERCLA. The ESA constitutes an "all appropriate inquiry" into the current and previous ownership and use of the *subject property* consistent with good commercial or customary practices. The objectives guiding the development of Practice E 1527 and E 1528 are (1) to synthesize and put in writing good commercial and customary practice for *environmental site assessments* for *commercial real estate,* (2) to facilitate high quality, standardized *environmental site assessments,* (3) to ensure that the standard of *appropriate inquiry* is practical and reasonable, and (4) to clarify an industry standard for *appropriate inquiry* in an effort to guide legal interpretation of CERCLA's *innocent landowner defense.*

In essence, the intent of an ESA is to evaluate the presence of, or likely presence of, any hazardous substances or petroleum products on the *subject property* under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products in, on, or at the *subject property.*

2.2 Scope of Services

TEP has performed a Phase I ESA in general conformance with the scope and limitations of ASTM Practice E1527-21. Any exceptions to, or deletions from, this practice are described in Section 2.4, 2.5, & 11.0 of this report. The Phase I ESA serves to identify and record past and present conditions of any hazardous substances or petroleum products associated with the site *subject property* that may impose an environmental liability to, or restrict the use of, the *subject property.* The scope of work for this project included research in identifying previous uses or occupancies of the *subject property* and any associated hazardous substance reports. In addition, several maps were reviewed including topographical, geological, soils, and hydrogeologic data. Aerial photographs were also interpreted to determine previous uses of the *subject property* and adjoining properties. Federal, state, and local environmental agency records were researched, and analytical data reviews were conducted to verify whether a hazardous substance release had been reported for the *subject property.* Interviews were conducted where applicable with pertinent users, managers, occupants, and government agencies in an attempt to obtain information indicating the likelihood of identifying RECs in connection with the *subject property.* In addition, a site inspection was conducted on August 27, 2024, to observe the *subject property* and any structures on the *subject property.* Uses of properties in the vicinity of the *subject property* were also observed when feasible. Based on the results of this assessment, conclusions have been made that address the likelihood of the existence of any hazardous substances or petroleum products on the *subject property.*

The contractual and legal obligations between prior and subsequent users of ESAs or between environmental professionals who conducted prior ESAs and those who would like to use such prior ESAs are beyond the scope of this practice.

2.3 Significant Assumptions

TEP has employed certain investigative and research procedures during the course of this assessment and it should be understood that such procedures indicate actual conditions only at the precise locations investigated and that (as is customary) we have made certain inferences based on the results of our assessment. This ESA was performed to identify potential liabilities associated with current site conditions. TEP does not, and will

not, be held liable for the discovery and elimination of hazards encountered that may potentially cause damage, accidents, or injuries. Recommendations rendered from work performed in no way eliminate hazards or the owner's obligation to federal, state, or local laws. The *subject property* owner is solely responsible for notifying the proper authorities of any conditions, which violate current applicable laws and regulations.

Data and information regarding test results and current site conditions and operations have been provided to TEP in part from the Client and other sources. As is customary, we have assumed this data and information to be complete and factually correct. The conclusions rendered from this data and information is subject to professional opinion, and thus, could result in differing interpretations. Additionally, the conclusions rendered from this work are based on qualitative information gathered on or near the date of this report. This work has been performed in accordance with generally accepted engineering practices. No other warranty, expressed or implied, is made. Changes as to the content or form of this report may be made only with TEP's expressed written approval.

2.4 Limitations and Exceptions

The *subject property* is limited to the proposed approximately 40-ft x 40-ft tower compound lease area and a proposed approximately 30-ft x 500-ft access/utility easement associated with a proposed monopole telecommunications tower facility identified by Skyway Towers as IMPERIAL (CA-00435).

This site assessment was limited to observations made during TEP's inspection and research of the site and the locations of the *subject property* as depicted in the "Extended Site Plan," dated July 5, 2024.

Any future or additional lease areas, parcels, or access and/or utility easements not depicted in the aforementioned drawings were not assessed as part of this ESA and are not warranted with this document. No soil, surface water, or groundwater has been collected for laboratory analysis during this investigation. TEP makes no representations or certifications concerning soil, surface water, or ground water quality. No Phase I ESA can eliminate the uncertainty of the potential for RECs in connection with the *subject property*. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs associated with the *subject property*.

The use of this practice is strictly limited to the scope set forth in this section. Section 13 of this practice, identifies, for informational purposes, certain environmental conditions (not an all-inclusive list) that may exist on a *subject property* that are beyond the scope of this practice but may warrant consideration by parties to a *commercial real estate* transaction.

Additional Issues – There may be environmental issues or conditions at a *subject property* that parties may wish to assess in connection with *commercial real estate* that are outside the scope of this practice (the non-scope considerations). As noted by the legal analysis in Appendix X1 (see ASTM E1527-21) of this practice, some substances may be present on a *subject property* in quantities and under conditions that may lead to contamination of the *subject property* or of nearby properties but are not included in CERCLA's definition of hazardous substances (42 USC § 9601(14)) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this practice.

Outside Standard Practices – Whether or not a user elects to inquire into non-scope considerations in connection with this practice or any other ESA, no assessment of such non-scope considerations is required for appropriate inquiry as defined by this practice.

Other Standards – There may be standards or protocols for assessments of potential hazards and conditions associated with non-scope conditions developed by governmental entities, professional organizations, or other private entities.

Compliance with Activity and Use Limitations (AUL) – Parties who wish to qualify for one of the landowner liability protections will need to know whether they are in compliance with AULs, including land use restrictions that were relied upon in connection with a response action. A determination of compliance with AULs is beyond the scope of this practice.

List of Additional Issues – Following are several non-scope considerations that persons may want to assess in connection with commercial real estate. No implication is intended as to the relative importance of inquiry into such non-scope considerations, and this list of non-scope considerations is not intended to be all-inclusive:

Radon,
Wetlands,
Asbestos Containing Materials,
Lead in Drinking Water,
Lead-Based Paint,
& Mold

2.5 Special Terms and Conditions

The scope of this ESA did not include investigations concerning radon, asbestos, lead-based paint, drinking water quality or air quality, surface water quality, delineation of wetlands, or inspections of the interior of houses and other buildings and/or structures. The scope of the site inspection portion of the ESA was limited to the approximate location of the *subject property*. The adjoining properties were observed from property boundaries and/or public right-of ways when feasible.

2.6 User Reliance

This report has been prepared for the exclusive use of Skyway Towers and its assigns for this specific project.

The user of this report is assured that an Environmental Professional, as defined in 40 CFR § 312.10(e) & (f), has either conducted or supervised the completion of the assessment. The Environmental Professional responsible for the completion of this document has the specific qualifications based on education, training, and experience to assess a *subject property* of the nature, history, and setting of the *subject property*. TEP has developed and performed the appropriate inquires in conformance with the standards and practices set forth in 42 U.S.C. § 9601 (35) (B).

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Location and Current Usage

The *subject property* is located at 749 West Worthington Road, west of the City of Imperial, within Imperial County, California. The *subject property* is located on the southwestern portion of an approximately 2.83-acre parcel of land identified as Tax ID: 062-040-075 by the Imperial County, CA Tax Assessor's Office. Access to the *subject property* will be provided via the proposed access/utility easement, which will span south from a portion of West Worthington Road. At the time of the site

inspection, the *subject property* appeared to have been occupied by undeveloped land and a driveway of a residence.

3.2 General Site Setting

The parent property was primarily occupied by a residence and undeveloped land. The parent property is located in a portion of Imperial County, CA where the majority of the surrounding area is occupied by residential, commercial, recreational, and undeveloped land uses.

3.3 Physical Environment

3.3.1 Topography

According to the USGS 7.5-Minute El Centro, California Topographic Quadrangle, the *subject property's* elevation is approximately 56-ft below mean sea level (AMSL). The contour lines in the area of the *subject property* indicate the ground surface is generally flat with a slight slope to the northwest. The *subject property is* colored white which indicates cleared/undeveloped land.

See Appendix 15.4 for a portion of the USGS 7.5-Minute El Centro, California Topographic Quadrangle.

3.3.2 Geology

According to the USGS Geologic Map of California, the subject property is located in the Quaternary alluvium and marine deposits of the Pleistocene Epoch. The Quaternary alluvium and marine deposits consists of Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast. The Pleistocene Epoch dates from 2.58 to 0.012 million years ago.

3.3.3 Soils

According to the USDA Web Soil Survey of Imperial County, CA, the soil of the *subject property* is identified as Imperial-Glenbar silty clay loams complex, 0 to 2 percent slopes, wet. The Imperial-Glenbar silty clay loams complex, 0 to 2 percent slopes, wet is described as somewhat poorly drained, formed from alluvium over ancient fluviomarine deposits, and found on flood plains, lakebeds. A typical soil profile consists of silty clay loam from 0 to 12-inches below ground surface (BGS), and silty clay from 12 to 60-inches BGS. According to the USDA list of hydric soils, identified soils are considered nonhydric within Imperial County, CA.

3.3.4 Hydrogeology

Local groundwater in the geologic environment is derived from incoming precipitation that infiltrates the ground and presumably follows existing topography before draining off-site north-northwesterly towards North Central Drain One. Depth to restrictive feature is anticipated to be more than 80-inches BGS. Depth to the seasonal high-water table is anticipated to be approximately 18 to 36-inches BGS.

3.3.5 Hydrology

The general topography of the *subject property* is sloping to the north-northwest. The adjoining properties to the south-southwest are upgradient from the *subject property*. Drainage from the *subject property* is anticipated to flow off-site north-northwesterly towards North Central Drain One, which is located

approximately 1,133-ft northwest of the *subject property* (HUC: 181002040801 Town of El Centro Subwatershed).

4.0 USER PROVIDED INFORMATION

In accordance with the ASTM Standard, the User is responsible for providing the following information.

4.1 Title Records

Title records were not provided for this report. According to the Imperial County Tax Assessor's Office, the parent property is reportedly owned by Henry and Sara Calderon.

4.2 Environmental Liens or Activity and Use Limitations

The User has not reported any activity and use limitations and/or environmental liens in connection with the *subject property* to TEP.

4.3 Specialized Knowledge

The User has not communicated any specialized knowledge or experience that is material to RECs in connection with the *subject property*.

4.4 Commonly Known or Reasonably Ascertainable Information

The User has not provided any information regarding commonly known or reasonably ascertainable information that is material to RECs in connection with the *subject property*.

4.5 Valuation Reduction for Environmental Issues

Information concerning valuation reduction for environmental issues was not provided to TEP.

4.6 Owner, Property Manager, and Occupant Information

Parent Property Owners: Henry and Sara Calderon

User/Client: Skyway Towers

4.7 Other

No other information was provided to TEP by the User.

5.0 SITE RECONNAISSANCE

5.1 Site Inspection and Limiting Conditions

TEP performed a site inspection on August 27, 2024. The site inspection was performed to review current *subject property* conditions. TEP personnel completed a pedestrian inspection of the *subject property*, *subject property* boundaries, as well as adjacent properties. TEP was not accompanied on the site inspection. No limiting conditions were encountered during the site reconnaissance.

5.2 Site Improvements

West Worthington Road was observed approximately 215-ft north of the proposed tower centerline.

One (1) residence building and associated out buildings was observed approximately 229-ft northeast of the proposed tower centerline.

Overhead electric transmission lines were observed spanning east to west located approximately 192-ft north of the proposed tower centerline.

No additional structural improvements were observed within or in the immediate vicinity of the *subject property*.

5.3 Exterior Observations

One (1) pole-mounted transformer of unknown PCB content was observed to be approximately 373-ft northeast of the proposed tower centerline.

Multiple cars and tractor trailers of varying conditions were observed on the easterly adjacent property approximately 550-ft east of the proposed tower centerline.

No staining, stressed vegetation, or other indications of a release were observed at the time of the site inspection.

5.4 Interior Observations

Interior observations were not conducted as part of this assessment. No structures were observed on the *subject property* at the time of the site inspection.

5.5 Current Uses of *Subject Property*

At the time of the site inspection, the *subject property* was primarily occupied by undeveloped land.

5.6 Current Uses of Adjoining Properties

Current Usage Summary of Adjoining and Surrounding Properties		
Direction	**Adjoining Properties**	**Surrounding Properties**
North	West Worthington Road, Undeveloped Agricultural land	Agricultural, Undeveloped
East	Undeveloped land, A residence with multiple cars and tractor trailers of varying condition.	Residential, Undeveloped
South	An unimproved road, Undeveloped Agricultural land	Commercial, Undeveloped
West	Residence, Undeveloped land	Residential, Commercial, Undeveloped

6.0 RECORDS REVIEW

6.1 Historical Records Review

The site history and prior use of the *subject property* and adjoining properties was determined by the review of reasonably ascertainable historical information including aerial photographs, Sanborn Fire Insurance Maps, and United States Geological Survey (USGS) topographic maps. Copies of historical records reviewed are included in Appendix 15.4.

Historical aerial photograph coverage was available for the years 1937, 1949, 1953, 1976, 1984, 1996, 2002, 2006, 2009, 2012, 2016, and 2020. Additional aerial photograph coverage was available via Google Earth for the years 2022, 2023, and 2024.

Sanborn Fire Insurance Map coverage was not available.

USGS topographic map coverage was available for the years 1940, 1948, 1957, 1979, 2012, 2015, 2018, and 2022.

Historical Use Summary of Parent Property and *Subject Property*		
Dates	**Parent Property**	***Subject Property***
1937 - 1984	Undeveloped agricultural land	Undeveloped agricultural land
1996	Undeveloped land, four outbuildings	Undeveloped land, two outbuildings
2002	Undeveloped land	Undeveloped land
2006 - 2024	A residence and associated outbuildings, undeveloped land	Undeveloped land

Historical Use Summary of Adjoining Properties	
Dates	**Adjoining Properties**
1937	Undeveloped land, a road, agricultural land
1940 – 1976	Undeveloped land, agricultural land, a road, residence
1979 - 1996	Undeveloped land, agricultural land, a road, an unimproved road, a residence
2002 - 2024	Undeveloped land, agricultural land, a road, an unimproved road, residences

6.2 Standard Government Environmental Record Sources

TEP received a search of environmental records (Radius Map Report) from EDR on August 7, 2024. The report is designed to assist parties seeking the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate. Per ASTM, published environmental regulatory records reviewed included, but are not limited to, the following:

FEDERAL NPL The National Priorities List (NPL) Database is a list of sites identified by the US EPA as locations with confirmed environmental contamination and planned for priority remedial

action under the Superfund Program. The list is maintained by the Environmental Protection Agency (EPA).

DELISTED NPL A delisted NPL site is an NPL site that the US EPA has determined no further response is required to protect human health or the environment and is therefore deleted from the NPL. This database is maintained by the US EPA.

SEMS Tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of the US EPA's Superfund Program across the US. The list was formerly known as CERCLIS and was renamed to SEMS by the EPA in 2015. This database is maintained by the US EPA.

NFRAP The US EPA CERCLIS No Further Remedial Action Planned (NFRAP) report contains information pertaining to facilities that have been removed from the US EPA's CERCLIS/SEMS Database. NFRAP facilities may be sites where, following an initial investigation, either no contamination was found, contamination was quickly removed without the need to be placed on the NPL, or the contamination was not serious enough to require SEMS or NPL consideration. The NFRAP database includes the US EPA sites which the US EPA does not intend to take further action under CERCLA.

RCRA CORRACTS The CORRACTS database is a list of facilities which are permitted or seek a permit to treat, store, or dispose of US EPA-regulated hazardous waste that have conducted, or are currently conducting corrective action (CORRACTS) according to the Resource Conservation and Recovery Act (RCRA). This list is maintained by the US EPA.

RCRA TSD The RCRA list of Treatment, Storage, and Disposal (TSD) facilities is a listing of facilities which treat, store, or dispose of US EPA-regulated hazardous waste that have no records of corrective actions. This list is maintained by the US EPA.

RCRA GN The RCRA Generator (RCRA GN) list contains information pertaining to facilities that are permitted to generate US EPA-regulated hazardous waste. This list is maintained by the US EPA.

IC/EC Institutional Controls (IC) are legal or administrative in nature, such as deed restrictions or zoning classifications. Engineering Controls (EC) are physical modifications to a property, such as capping or water treatment. These controls are types of Activity and Use Limitations (AULs) aimed to protect a property from exposure to hazardous materials and can be issued by both Federal and State agencies.

ERNS/SPILLS The Emergency Response Notification System (ERNS) is a national computer database system that is used by the US EPA to store information on the release of hazardous substances into the environment. The State Spills Report is a similar system used by the State, which contains information regarding hazardous spills within the State. These databases contain information on specific incidents, including spill locations, substances releases, and responsible parties.

SHWS The State Hazardous Waste Sites Report (SHWS) records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are

identified along with sites where cleanup will be paid for by potentially responsible parties.

STATE SWL/SWF The State Solid Waste Landfill (SWL) and State Solid Waste Facilities (SWF) reports are comprehensive listings of all active and inactive solid waste landfills and processing facilities registered and/or permitted with the State. This list is maintained by the State environmental regulatory authority.

STATE LUST The State Leaking Underground Storage Tank (LUST) report contains information pertaining to facilities with releases from underground storage tanks that were reported to the State. This list is maintained by the State environmental regulatory authority.

STATE UST The State Underground Storage Tank (UST) Report contains information pertaining to facilities that have registered underground storage tanks with the State. This list is maintained by the State environmental regulatory authority.

STATE VCP Under the State Voluntary Cleanup Program (VCP), a site voluntarily performs remedial activities to investigate and clean up contamination at a low risk hazardous waste site with State oversight or approval. This Program streamlines the cleanup process and enables parties to remediate sites using private rather than public funds, while ensuring compliance with existing environmental regulations. This list is maintained by the State environmental regulatory authority.

BROWNFIELDS Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence of a hazardous substance, pollutant, or contaminant. Brownfield Programs exist at both the State and Federal levels where facilities may apply for Federal and/or State funding in order to complete environmental assessments and remediation prior to and during redevelopment activities.

The aforementioned lists were reviewed using at least the ASTM E1527-21 standard search radius and listed facilities/incidents are summarized in the table below (Appendix 15.5 - EDR Report):

Database	*ASTM radius (miles)*	*Date last updated by regulatory authority*	*Number of sites identified*
FEDERAL NPL	1.00	06-26-2024	0
DELISTED NPL	0.50	06-26-2024	0
SEMS	0.50	05-24-2024	0
SEMS-ARCHIVE	0.50	05-24-2024	0
RCRA CORRACTS	1.00	06-20-2024	0
RCRA TSD	0.50	06-20-2024	0
RCRAGN	Target Property and Adjoining Properties	06-20-2024	0
IC/EC	Target Property Only	04-04-2024	0
ERNS/SPILLS	Target Property Only	06-17-2024	0
SHWS	1.00	07-17-2024	0
SWF/LF	0.50	07-30-2024	0
LUST	0.50	05-24-2024	0
UST	Target Property and Adjoining Properties	05-29-2024	0

VCP	0.50	07-17-2024	0
BROWNFIELDS	0.50	06-10-2024	0

6.3 Regulatory Records Review Summary

The EDR Radius Map Report did not identify any sites of potential environmental concern within the standard ASTM radius of the *subject property*. Additionally, no orphan sites were identified by EDR as being potentially located within the standard ASTM search radius of the *subject property*.

6.3.1 Subject Property Listings

The *subject property* was not listed on any of the Databases included within the EDR Radius Map Report.

6.3.2 Adjoining Property Listings

The adjoining properties were not listed on any of the Databases included within the EDR Radius Map Report.

6.3.3 Surrounding Property & Orphan Site Listings

Surrounding properties were not listed on any of the Databases included within the EDR Radius Map Report. Additionally, no orphan site listings were identified within the standard ASTM search radius.

6.4 Vapor Encroachment Condition (VEC) Consideration

Incidents involving petroleum COC and non-petroleum COC were not identified by EDR within 0.1 and 0.33-miles of the *subject property,* respectively. Based on this information, a VEC is unlikely to exist at the *subject property*.

6.5 Additional Environmental Record Sources

TEP utilized the California EnviroStor and Geotracker websites to determine if there were any records on file with the State regarding any environmental concerns or releases. The online searches did not yield any known records of environmental concerns or releases associated with the subject property or the parent property.

7.0 INTERVIEWS

7.1 Property Owner/Site Manager

Henry and Sara Calderon
TEP was not provided with contact information for Henry and Sara Calderon, the owners of the parent property according to the Imperial County Tax Assessor's Office.

7.2 User

Users were not interviewed as part of this assessment

7.3 Occupants

Occupants were not interviewed as part of this assessment.

7.3 Former Owners, Operators, and Occupants

TEP made reasonable attempts to obtain information regarding the identification of past owners of the *subject property*, through questionnaires, internet research, and attainable deed records review.

7.4 Local Government Officials

Imperial County Fire Department (October 4, 2024)
TEP contacted the Imperial County Fire Department via email on October 4, 2024, to inquire if their office was aware of calls/dispatches related to petroleum or hazardous materials associated with the parent property and *subject property*. As of the issuance of this report, no response has been received. If any pertinent information becomes known after report issuance, TEP will contact the Client immediately.

Imperial County Public Health Department (October 4, 2024)
TEP contacted the Imperial County Public Health Department via email on October 4, 2024, to inquire if their office had any record of wells, septic systems, or environmental concerns associated with the parent property. Leonor Ramirez Diaz, Office Technician with the Imperial County Public Health Department stated that the Health Department has no records of environmental concerns on file for the *subject property* or parent property. Leonor Ramirez Diaz did provide a certificate of compliance and percolation test site map for one (1) septic tank on parent property, approximately 236-ft northeast of the proposed tower centerline (final date of inspection September 18, 2002), proposed project should not any effect on the tank.

California Environmental Protection Agency (CalEPA) (October 4, 2024)
TEP utilized the CalEPA website to determine if there were any records with the State regarding petroleum or hazardous material releases or environmental enforcement actions associated with the *subject property* or the parent property. The online searches did not yield any known records of emergency responses or environmental enforcement actions associated with the *subject property* or the parent property.

7.5 Others

Additional interviews were not performed for this assessment.

8.0 DATA GAPS

It is TEP's opinion that the data gaps described below consist of information that was not readily ascertainable or practically reviewable during the course of this Phase I Environmental Site Assessment. TEP does not believe that these data gaps impact the ability to render an opinion regarding potential recognized environmental conditions at the *subject property* or parent property and does not alter the findings and conclusions included in this report.

Due to the rural nature of the *subject property*, the lack of improvements in the vicinity of the *subject property*, and the historical uses being determined back to 1937, it is the opinion of TEP that the inability to conduct the landowner interview does not represent a significant data gap in connection with the *subject property*.

9.0 FINDINGS AND OPINIONS

This Phase I Environmental Site Assessment revealed no evidence of recognized environmental conditions, controlled recognized environmental conditions, historical recognized environmental conditions, or significant data gaps. Therefore, based on our findings, it is the opinion of TEP that no further environmental investigation is warranted or recommended at this time.

10.0 CONCLUSIONS AND RECOMMENDATIONS

TEP has performed a Phase I ESA in general conformance with the scope and limitations of ASTM Practice E1527-21 for the *subject property*, a proposed telecommunications tower facility identified as IMPERIAL (CA-00435). Any exceptions to, or deletions from, this practice are described in Section 2.4, 2.5, & 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs) or significant data gaps in connection with the *subject property*. Therefore, no further environmental investigation is warranted or recommended at this time.

11.0 DEVIATIONS

This Phase I ESA is limited to the proposed approximately 40-ft x 40-ft tower compound lease area and a proposed approximately 30-ft x 500-ft access/utility easement associated with a proposed monopole telecommunications tower facility identified by **Skyway Towers as IMPERIAL (CA-00435).**

12.0 ADDITIONAL SERVICES

This Phase I ESA was completed based on the ASTM E1527-21 Standard. Any additional services contracted for between the Client and TEP are beyond the scope of this practice.

13.0 REFERENCES

ASTM E1527-21
ASTM E2600-15
Environmental Data Resources Inc.(EDR)
Google Earth
USDA Web Soil Survey of Imperial County, CA
U.S. EPA
California Environmental Protection Agency (CalEPA) Website
California EnviroStor Website
California GeoTracker Website
USGS 7.5-Minute Quadrangle El Centro, California Topographic Quadrangle
USGS Online Geologic Map of California

14.0 SIGNATURES & QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Montgomery Stockton-Fresso and Nicole Minnick conducted this Phase I Environmental Site Assessment.

Montgomery Stockton-Fresso
Environmental Scientist

Signature

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in 312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the *subject property*. I have developed and performed the all appropriate inquiries in conformance with the standards of these practices set forth in 40 CFR Part 312.

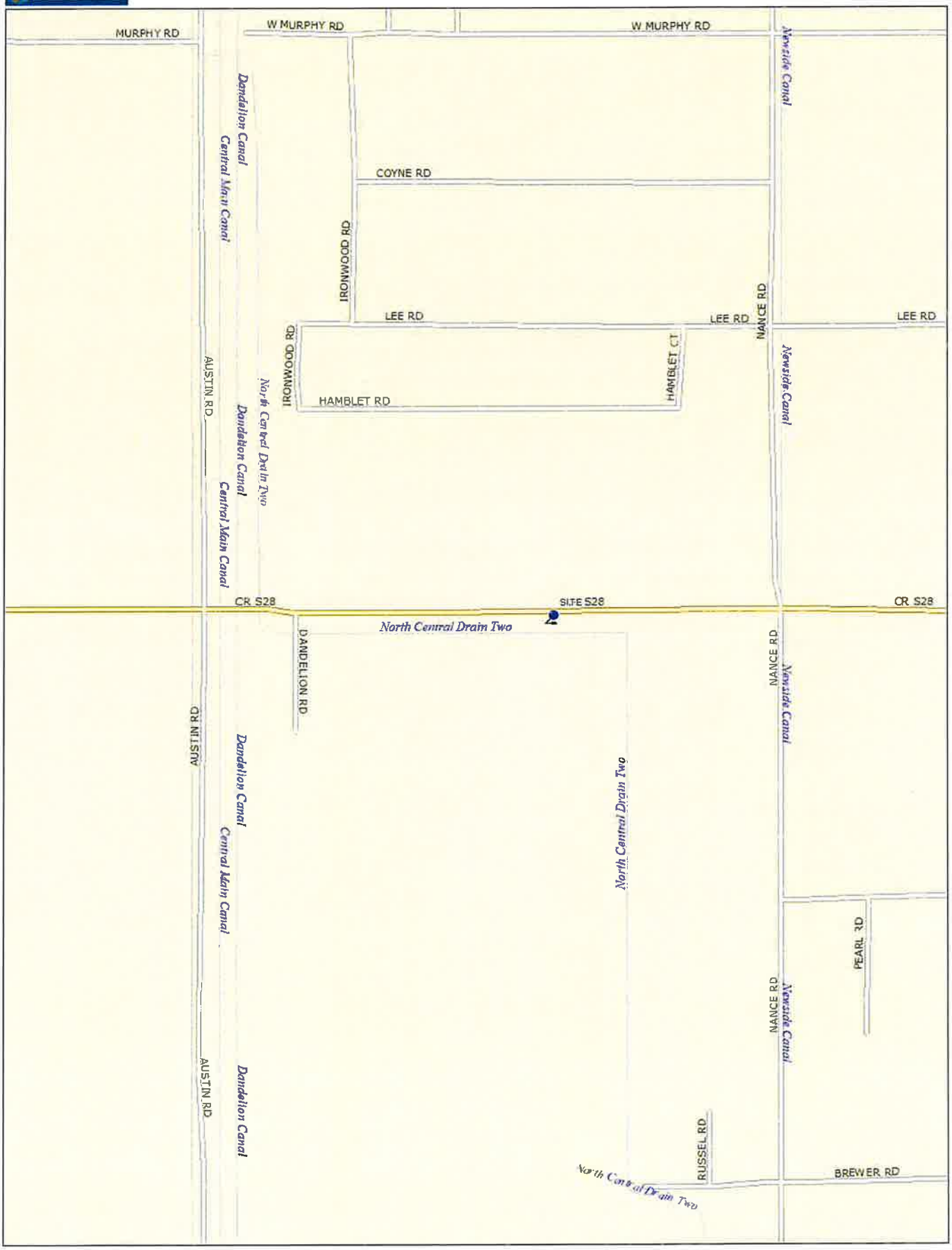
Nicole Minnick
Due Diligence Manager

Signature

15.0 APPENDICES

15.1 SITE VICINITY MAP

DeLorme Street Atlas USA® 2013



Data use subject to license.

© DeLorme. DeLorme Street Atlas USA® 2013.

www.delorme.com

MN (10.5° E)

0 200 400 600 800 1000 ft

Data Zoom 14-7

15.2 SITE PLAN

LEGEND

- PARENT PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING FENCE
- 5280 EXIST. CONTOUR LINE
- EDGE OF PAVEMENT
- PROPERTY CORNER
- LEASE/EASEMENT CORNER
- R/W EXISTING RIGHT OF WAY
- OHW OVERHEAD WIRE
- BT BURIED TELCO
- EXISTING UTILITY POLE
- TELCO PEDESTAL
- FIBER VAULT

TOWER SETBACKS

PROPERTY LINE	PROPOSED SETBACK
NORTH	228'-1"±
SOUTH	37'-7"±
EAST	398'-2"±
WEST	73'-4"±

1-A CERTIFICATION

LATITUDE: N 32.846758° (NAD '83)
LONGITUDE: W 115.600128° (NAD '83)
ELEVATION: -58' (NAVD '88)

NOTES:

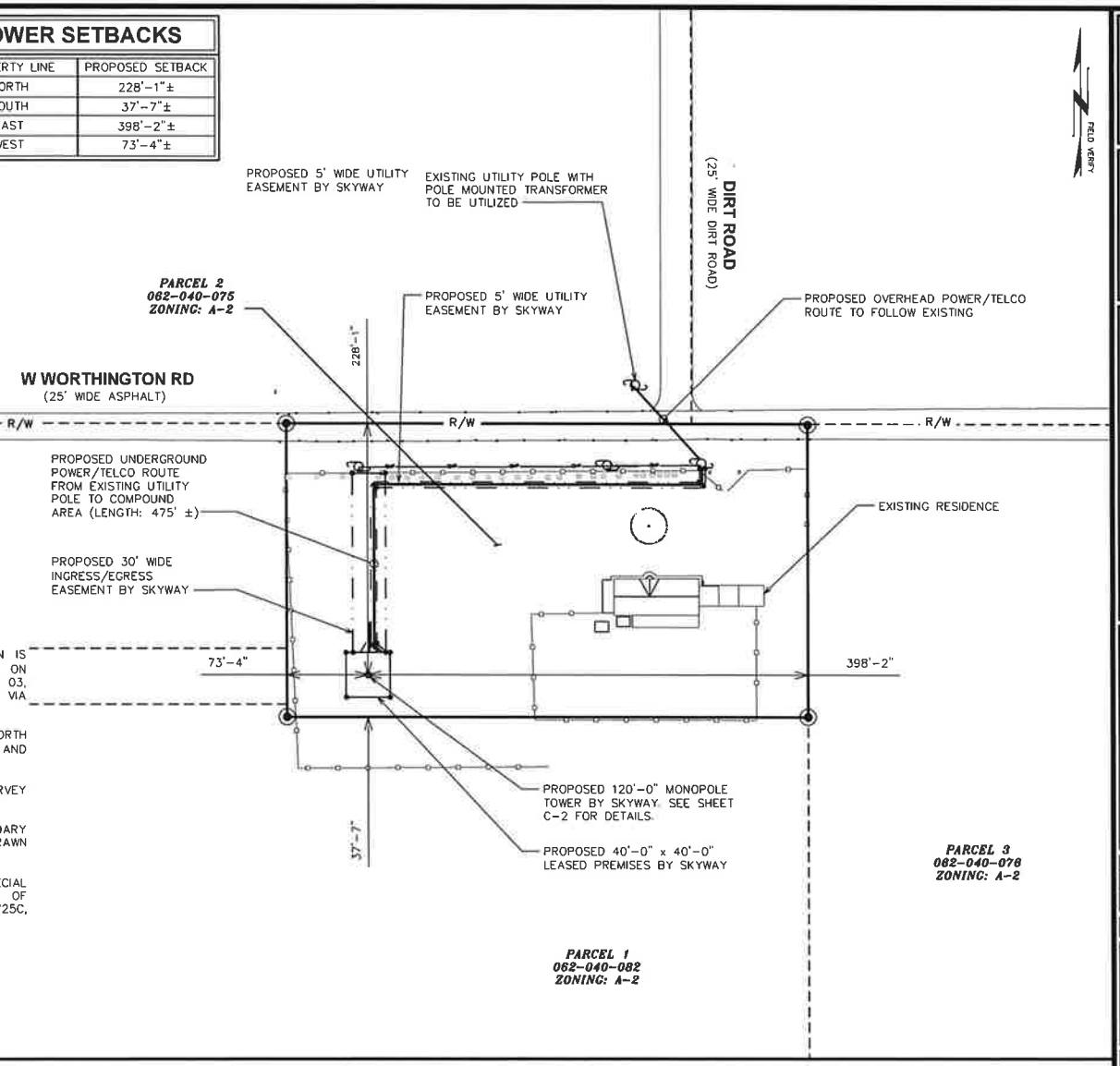
1. BASIS OF THE BEARINGS AND COORDINATES SHOWN IS THE NORTH AMERICAN DATUM (NAD83/2011) BASED ON DIFFERENTIAL GPS OBSERVATIONS PERFORMED ON JUNE 03, 2024; TIED TO THE NATIONAL SPATIAL REFERENCE SYSTEM VIA CORS AND EXPRESSED IN INTERNATIONAL FEET.

2. VERTICAL INFORMATION SHOWN IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND EXPRESSED IN INTERNATIONAL FEET.

3. ALL DISTANCES ARE 'GROUND' DISTANCES IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED.

4. THIS PLAN DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE PARENT PARCEL. BOUNDARY LINES ARE DRAWN FROM FIELD LOCATIONS OF FOUND MONUMENTS.

5. THE PROPERTY IS LOCATED IN ZONE 'X' OF THE SPECIAL FLOOD HAZARD AREA, AN AREA OF 0.2% CHANCE OF FLOODING; FEMA COMMUNITY PANEL NO. 06025C1725C, EFFECTIVE DATE: SEPTEMBER 26, 2008.



EXTENDED SITE PLAN

SCALE: 1" = 100'

0 100 200
SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

LEASE EXHIBIT
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
A	07-05-24	LEASE EXHIBIT

DRAWN BY: MKW | CHECKED BY: MMM

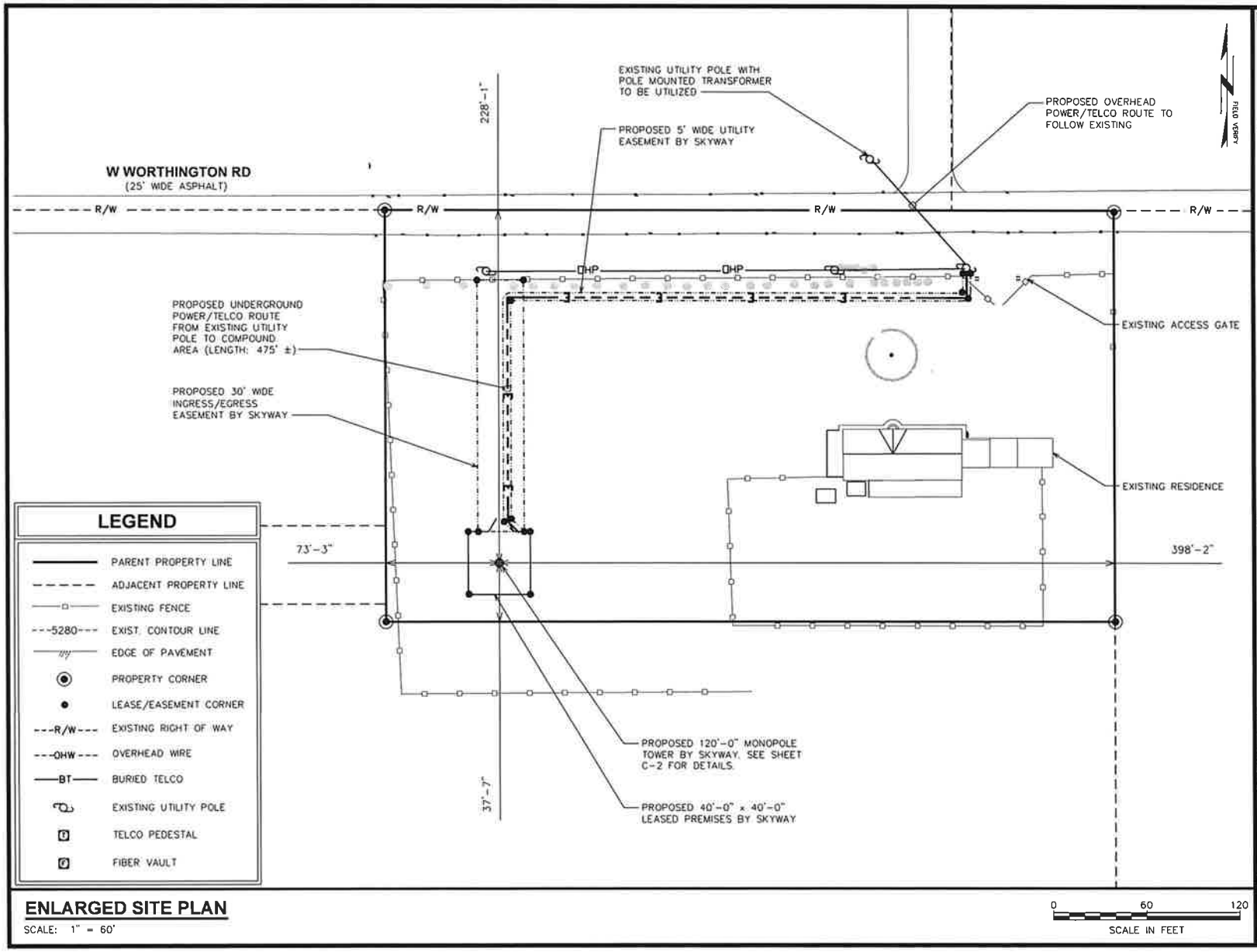
SHEET TITLE:

EXTENDED SITE PLAN

SHEET NUMBER: **C-1.1**

REVISION: **A**

TEP #: 341053.432423



ENLARGED SITE PLAN

SCALE: 1" = 60'

0 60 120

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

LEASE EXHIBIT
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
A	07-05-24	LEASE EXHIBIT

DRAWN BY: MJW | CHECKED BY: HMM

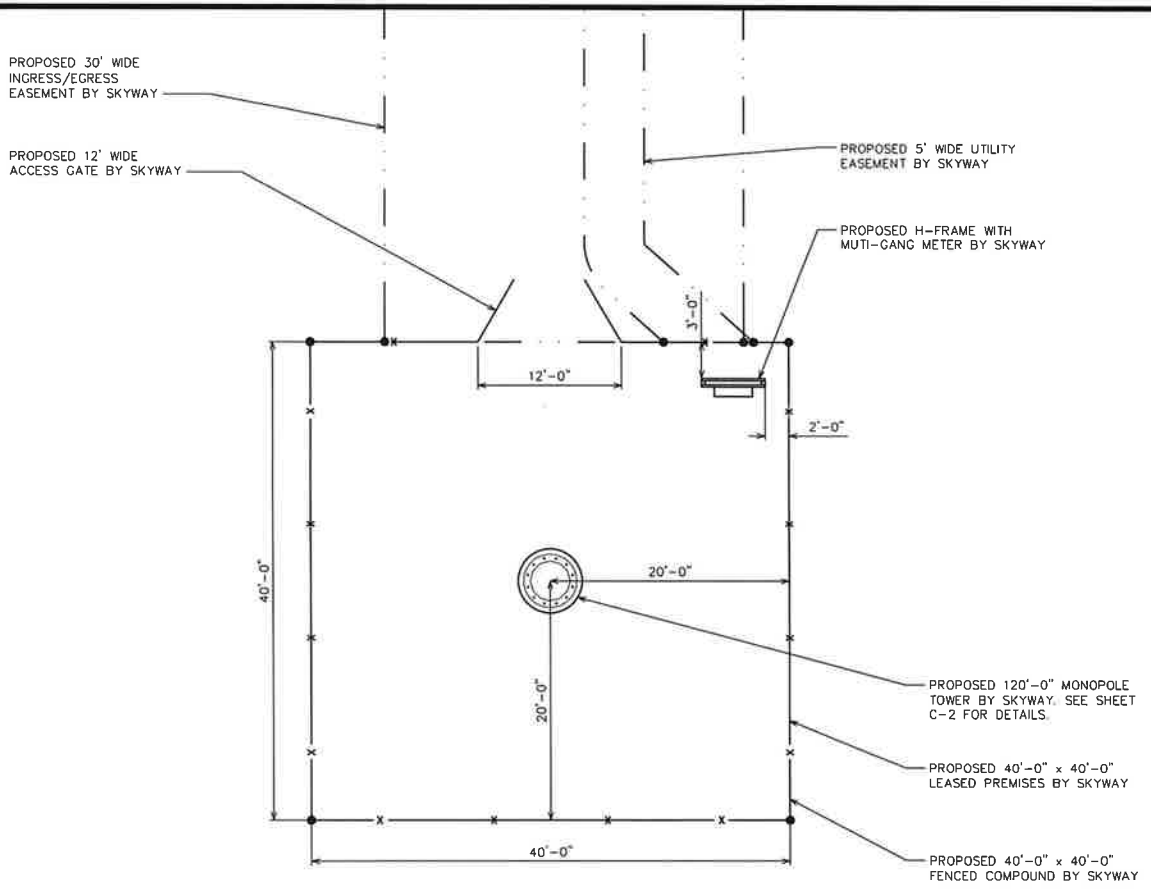
SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER: **C-1.2**

REVISION: A

TEP # 34.053.432429



COMPOUND DETAIL

SCALE: 1" = 10'

0 10 20

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

LEASE EXHIBIT
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
A	07-05-24	LEASE EXHIBIT

DRAWN BY: MKW | CHECKED BY: HMM

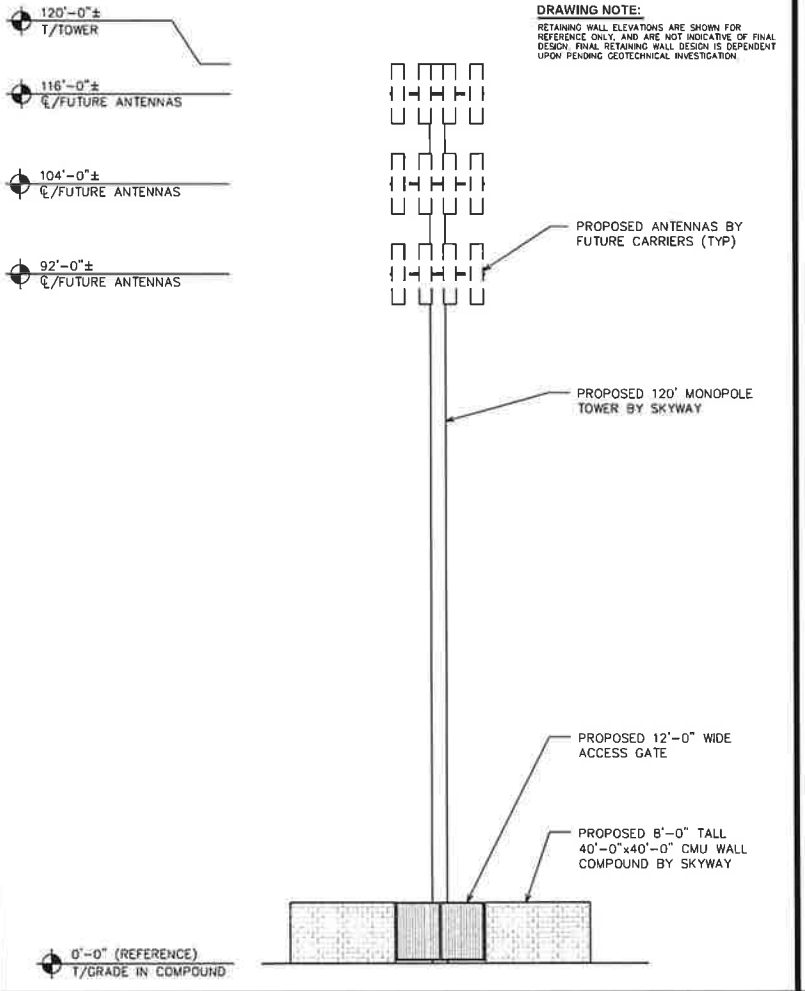
SHEET TITLE:

COMPOUND DETAIL

SHEET NUMBER: **C-1.3**

REVISION: **A**

TEP #: 341053.432428



TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.

DRAWING NOTE:

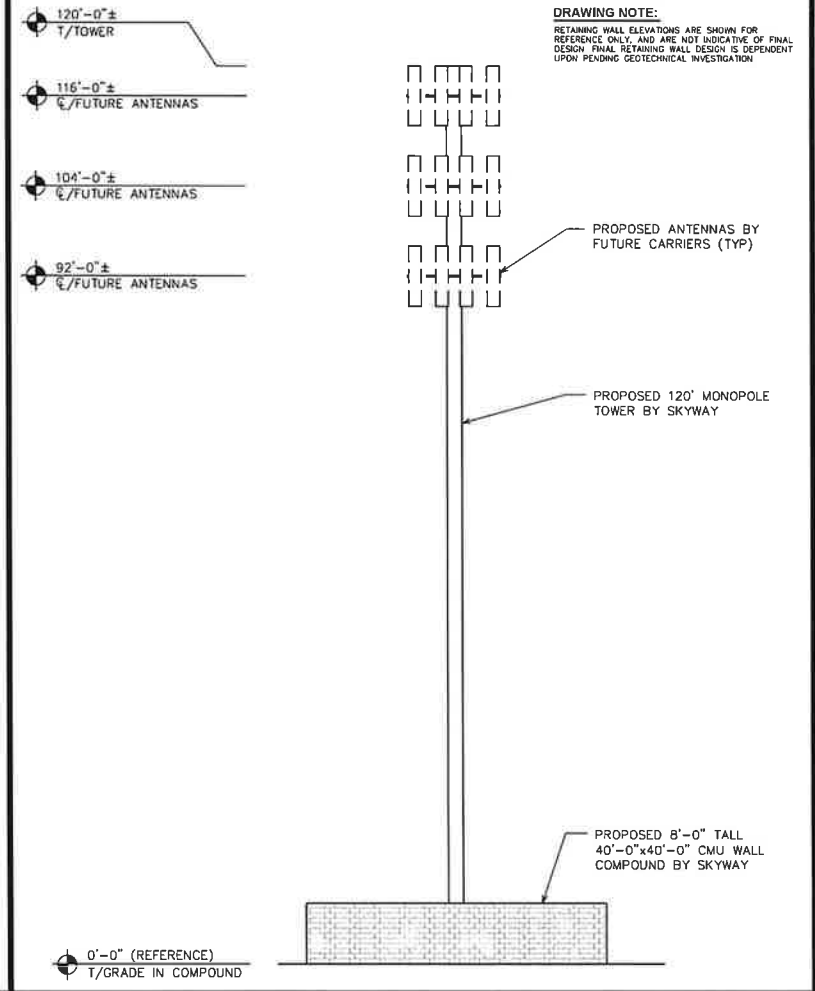
RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.

NORTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

0 16 32

SCALE IN FEET



TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.

DRAWING NOTE:

RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.

SOUTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

0 16 32

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

LEASE EXHIBIT
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
A	07-05-24	LEASE EXHIBIT

DRAWN BY:	CHECKED BY:
MKW	HMM

SHEET TITLE:

NORTH & SOUTH TOWER ELEVATIONS

SHEET NUMBER:	REVISION:
C-2	A

TEP #: 341053.432423

15.3 SITE PHOTOGRAPHS

IMPERIAL SITE PHOTOGRAPHS



1. Photo facing north toward the proposed fenced tower compound.



2. Photo facing east toward the proposed fenced tower compound.



3. **Photo facing south toward the proposed fenced tower compound.**



4. **Photo facing west toward the proposed fenced tower compound.**



5. Photo facing northwest towards a pole-mounted transformer of unknown PCB-content

15.4 HISTORICAL RESEARCH DOCUMENTATION

Imperial CA-00435

749 West Worthington Rd

Imperial, CA 92251

Inquiry Number: 7729774.5

August 08, 2024

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

08/08/24

Site Name:

Imperial CA-00435
749 West Worthington Rd
Imperial, CA 92251
EDR Inquiry # 7729774.5

Client Name:

Tower Eng. Professionals
326 Tryon Road
Raleigh, NC 27603
Contact: Monty Stockton-Fresso

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1996	1"=500'	Acquisition Date: June 16, 1996	USGS/DOQQ
1984	1"=500'	Flight Date: August 23, 1984	USDA
1976	1"=500'	Flight Date: October 12, 1976	USGS
1953	1"=500'	Flight Date: April 10, 1953	USDA
1949	1"=500'	Flight Date: February 18, 1949	USDA
1937	1"=500'	Flight Date: November 19, 1937	USDA

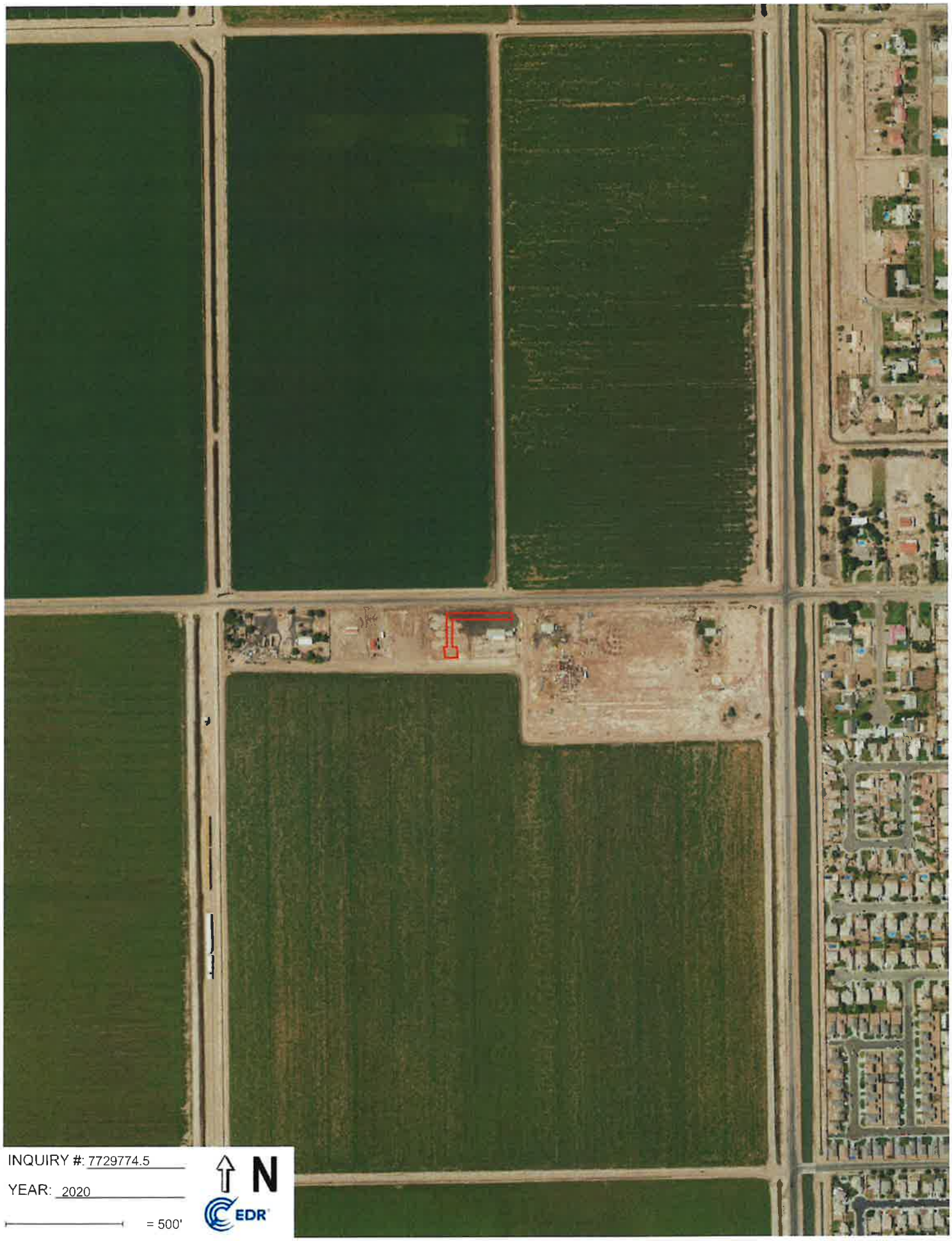
When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.



INQUIRY #: 7729774.5

YEAR: 2020

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 2016

= 500'

N

EDR



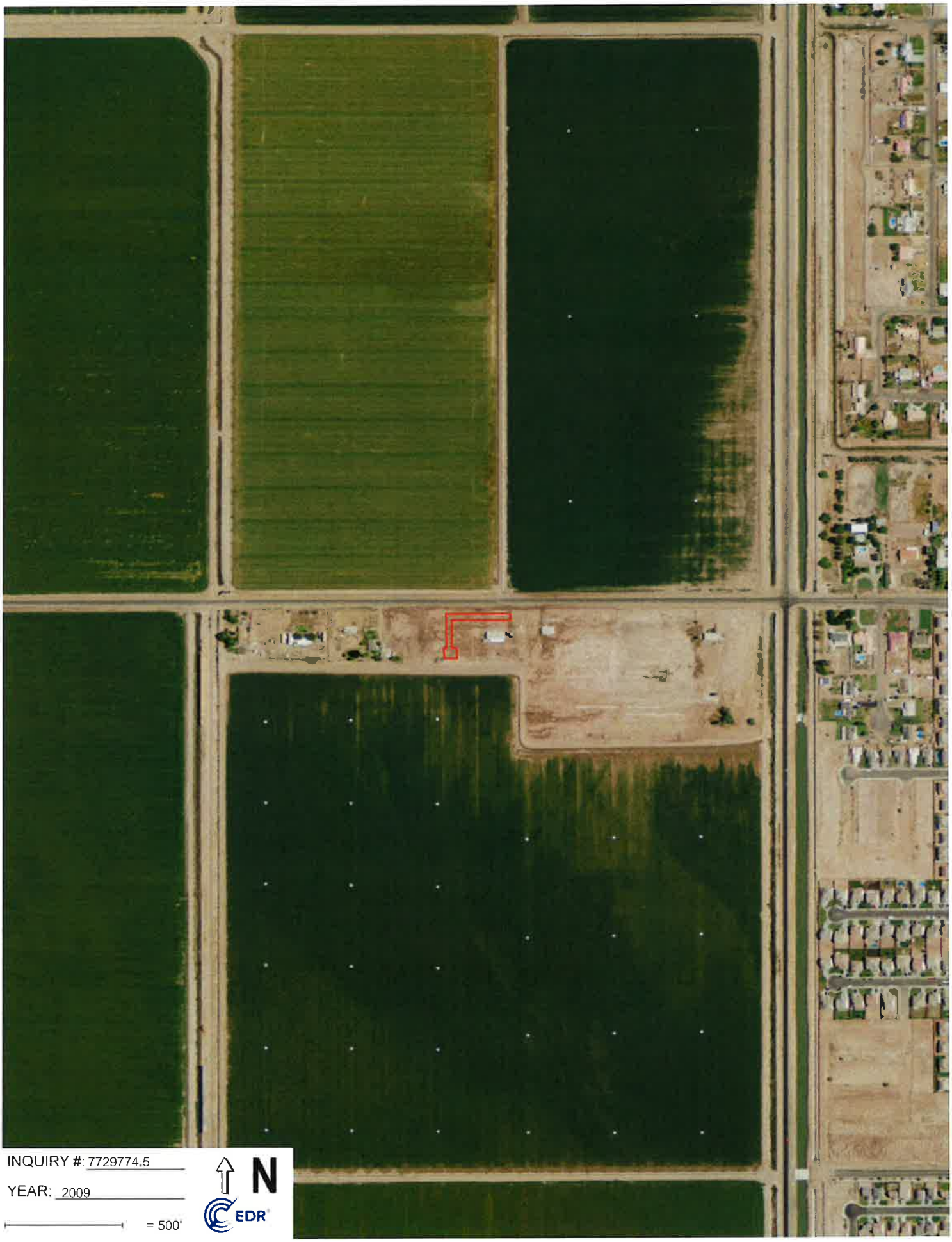
INQUIRY #: 7729774.5

YEAR: 2012

= 500'

N

EDR



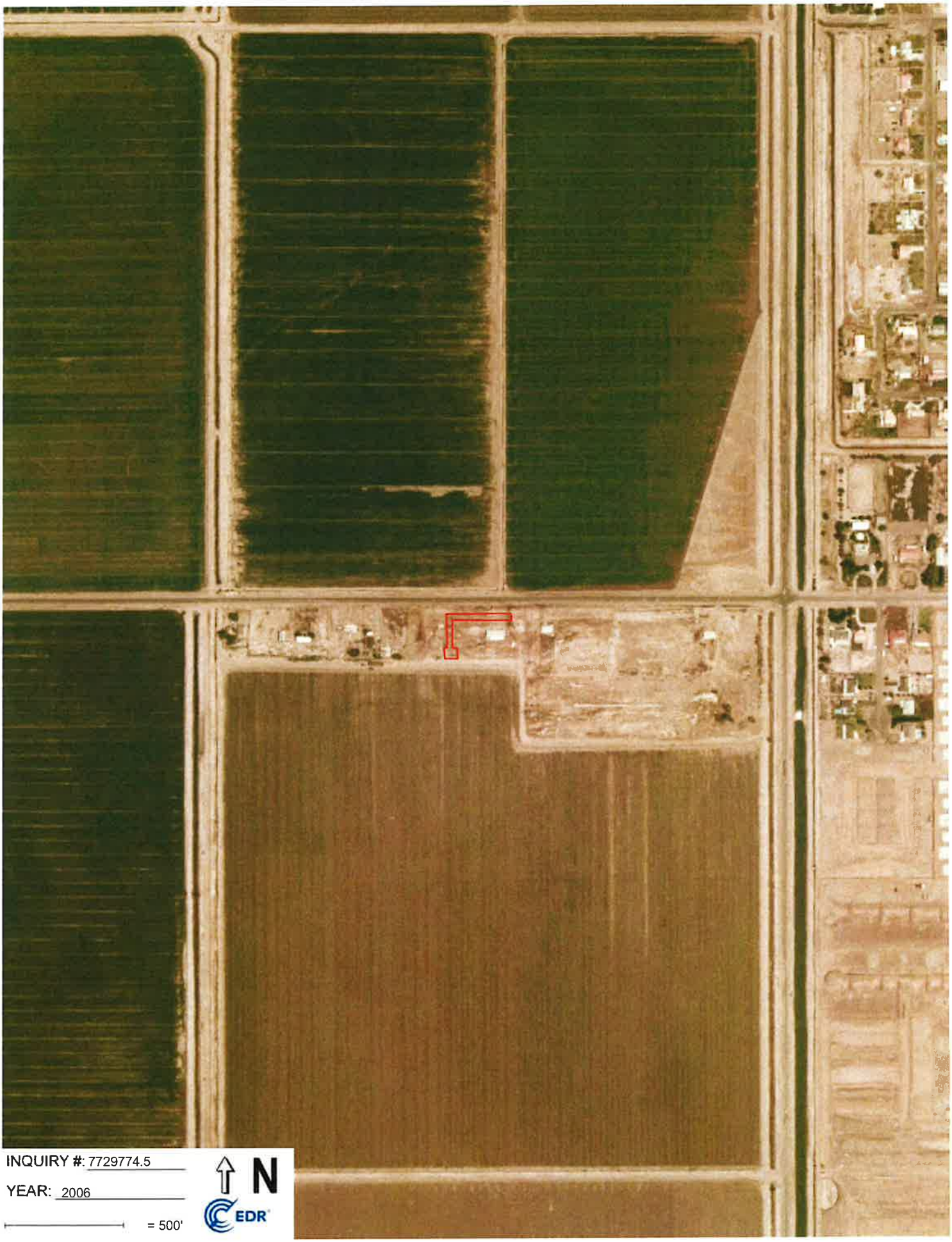
INQUIRY #: 7729774.5

YEAR: 2009

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 2006

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 2002

= 500'

N

EDR



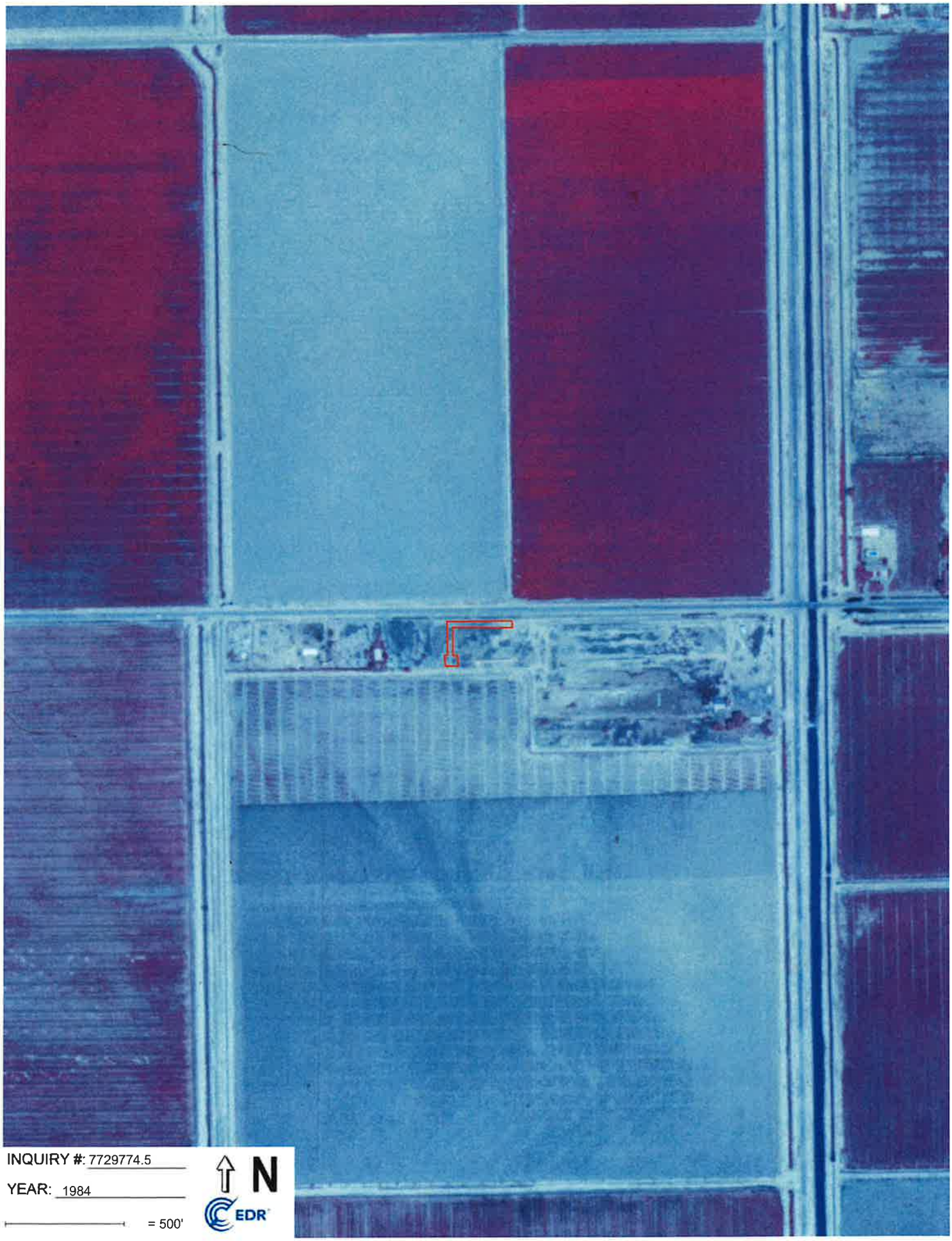
INQUIRY #: 7729774.5

YEAR: 1996

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 1984

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 1976

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 1953

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 1949

= 500'

N

EDR



INQUIRY #: 7729774.5

YEAR: 1937

= 500'

N

EDR

Imperial CA-00435
749 West Worthington Rd
Imperial, CA 92251

Inquiry Number: 7729774.3
August 07, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

08/07/24

Site Name:

Imperial CA-00435
749 West Worthington Rd
Imperial, CA 92251
EDR Inquiry # 7729774.3

Client Name:

Tower Eng. Professionals
326 Tryon Road
Raleigh, NC 27603
Contact: Monty Stockton-Fresso

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tower Eng. Professionals were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 5D36-4375-98C3

PO # NA

Project Imperial CA-00435

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 5D36-4375-98C3

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Tower Eng. Professionals (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

Imperial CA-00435
749 West Worthington Rd
Imperial, CA 92251

Inquiry Number: 7729774.8
August 07, 2024

EDR Historical Topo Map Report
with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

08/07/24

Site Name:	Client Name:
Imperial CA-00435	Tower Eng. Professionals
749 West Worthington Rd	326 Tryon Road
Imperial, CA 92251	Raleigh, NC 27603
EDR Inquiry # 7729774.8	Contact: Monty Stockton-Fresso

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tower Eng. Professionals were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: Imperial CA-00435

Coordinates:

Latitude:	32.846758 32° 50' 48" North
Longitude:	-115.600128 -115° 36' 0" West
UTM Zone:	Zone 11 North
UTM X Meters:	631001.21
UTM Y Meters:	3635166.85
Elevation:	-56.00' below sea level

Maps Provided:

2022	1940
2018	
2015	
2012	
1979	
1976	
1957	
1948	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2024 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

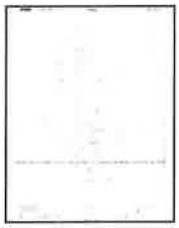
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022 Source Sheets



El Centro
2022
7.5-minute, 24000

2018 Source Sheets



El Centro
2018
7.5-minute, 24000



Seeley
2018
7.5-minute, 24000

2015 Source Sheets



El Centro
2015
7.5-minute, 24000



Seeley
2015
7.5-minute, 24000

2012 Source Sheets



El Centro
2012
7.5-minute, 24000



Seeley
2012
7.5-minute, 24000

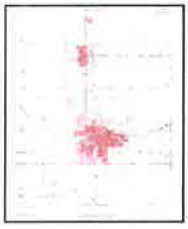
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1979 Source Sheets



Seeley
1979
7.5-minute, 24000
Aerial Photo Revised 1976



El Centro
1979
7.5-minute, 24000
Aerial Photo Revised 1976

1976 Source Sheets



El Centro
1976
7.5-minute, 24000
Aerial Photo Revised 1976

1957 Source Sheets



El Centro
1957
7.5-minute, 24000
Aerial Photo Revised 1953



Seeley
1957
7.5-minute, 24000
Aerial Photo Revised 1953

1948 Source Sheets



BRAWLEY
1948
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

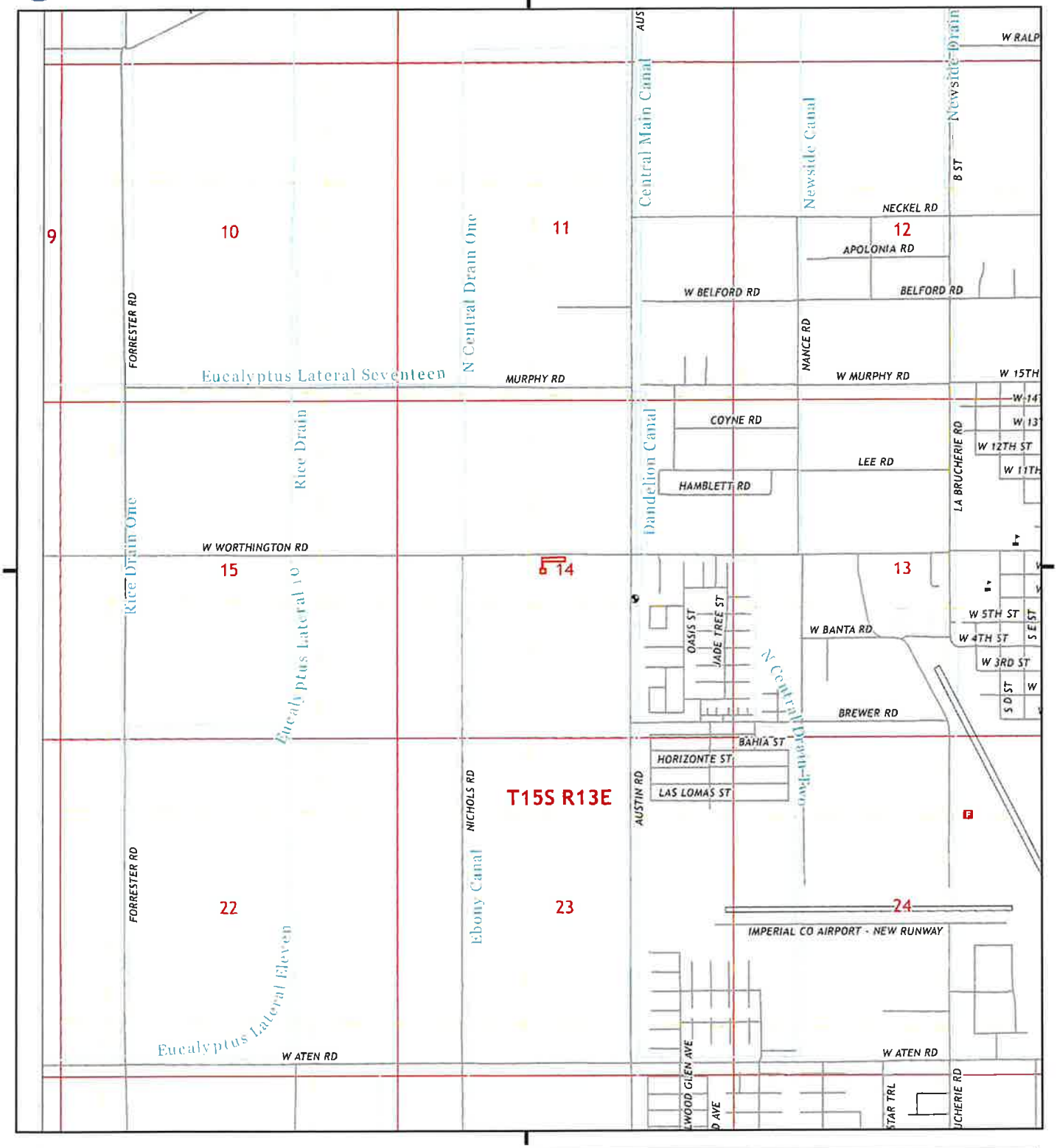
1940 Source Sheets



Brawley
1940
15-minute, 62500
Aerial Photo Revised 1940

Historical Topo Map

2022



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

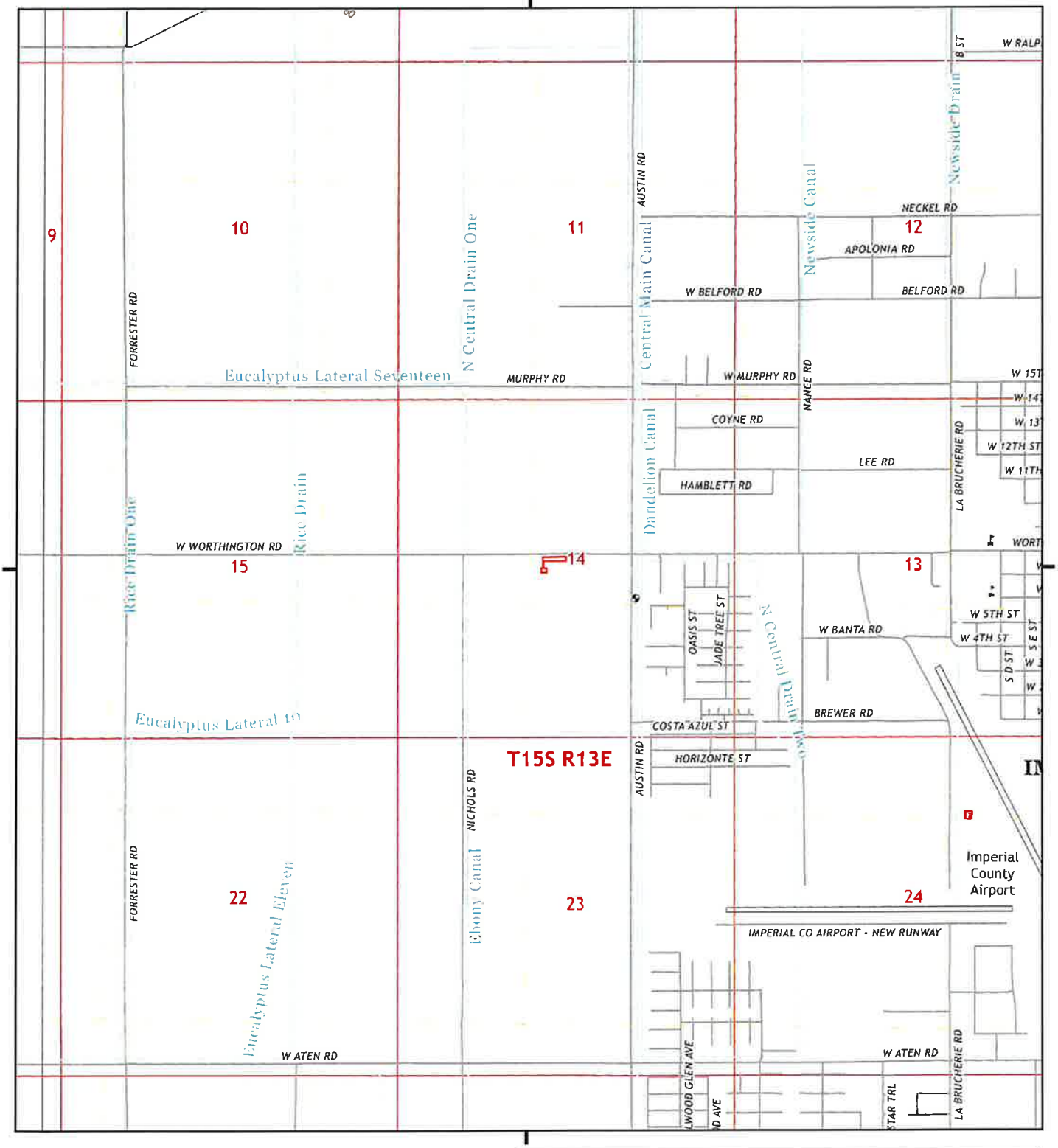
TP, El Centro, 2022, 7.5-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

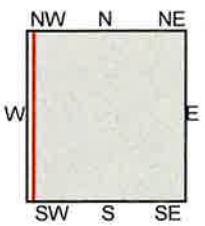
Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



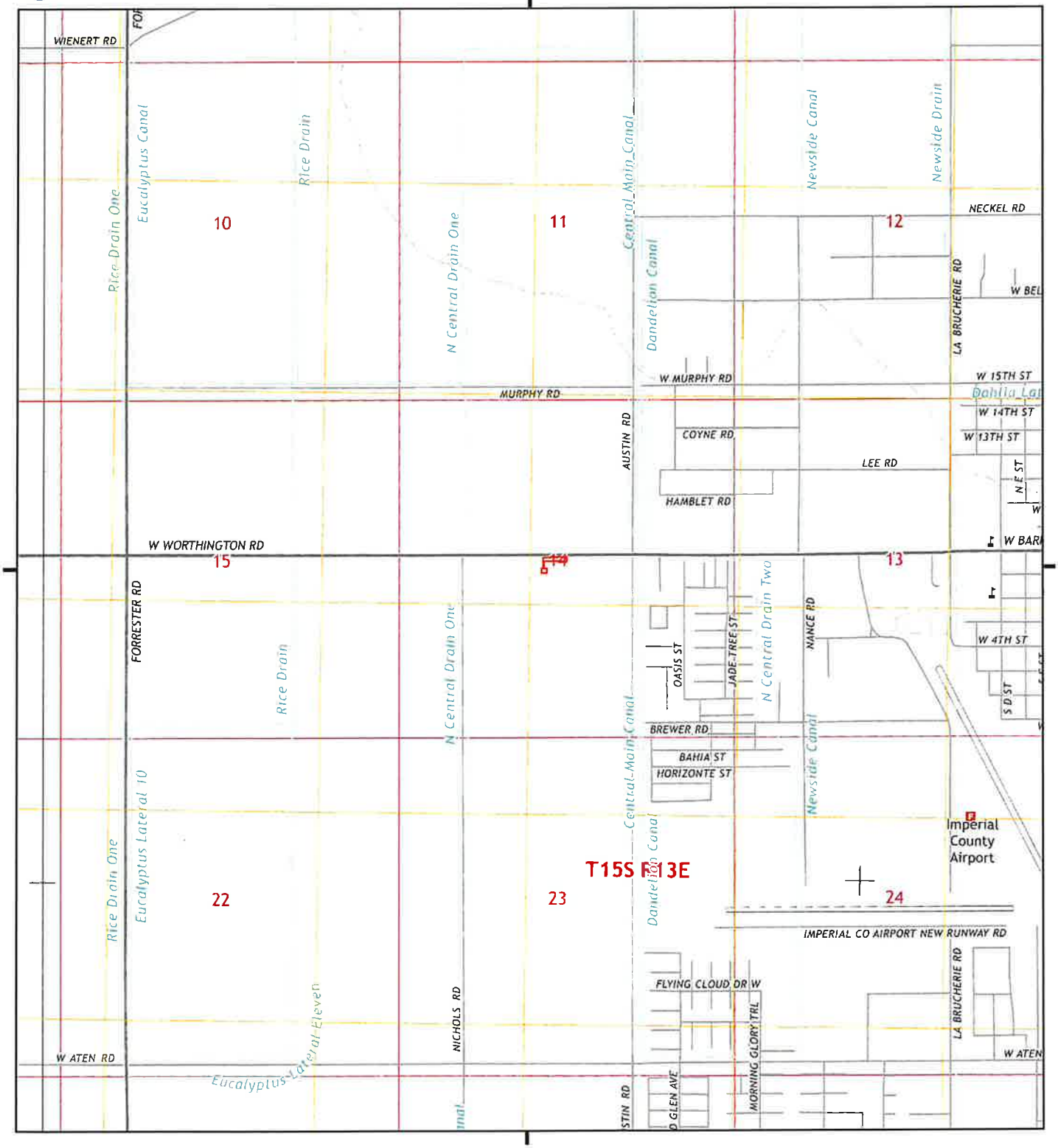
TP, El Centro, 2018, 7.5-minute
SW, Seeley, 2018, 7.5-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

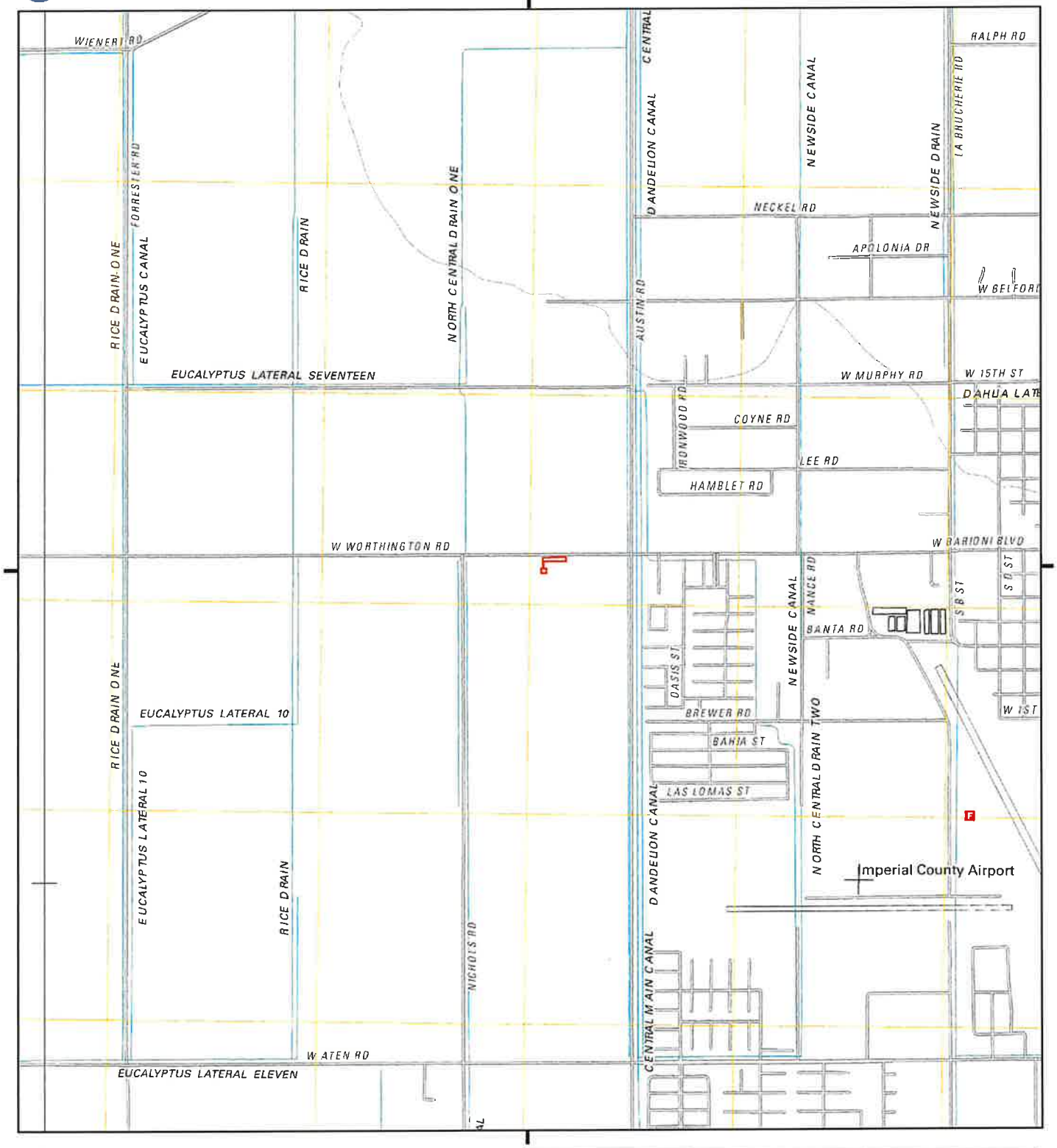
TP, El Centro, 2015, 7.5-minute
SW, Seeley, 2015, 7.5-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

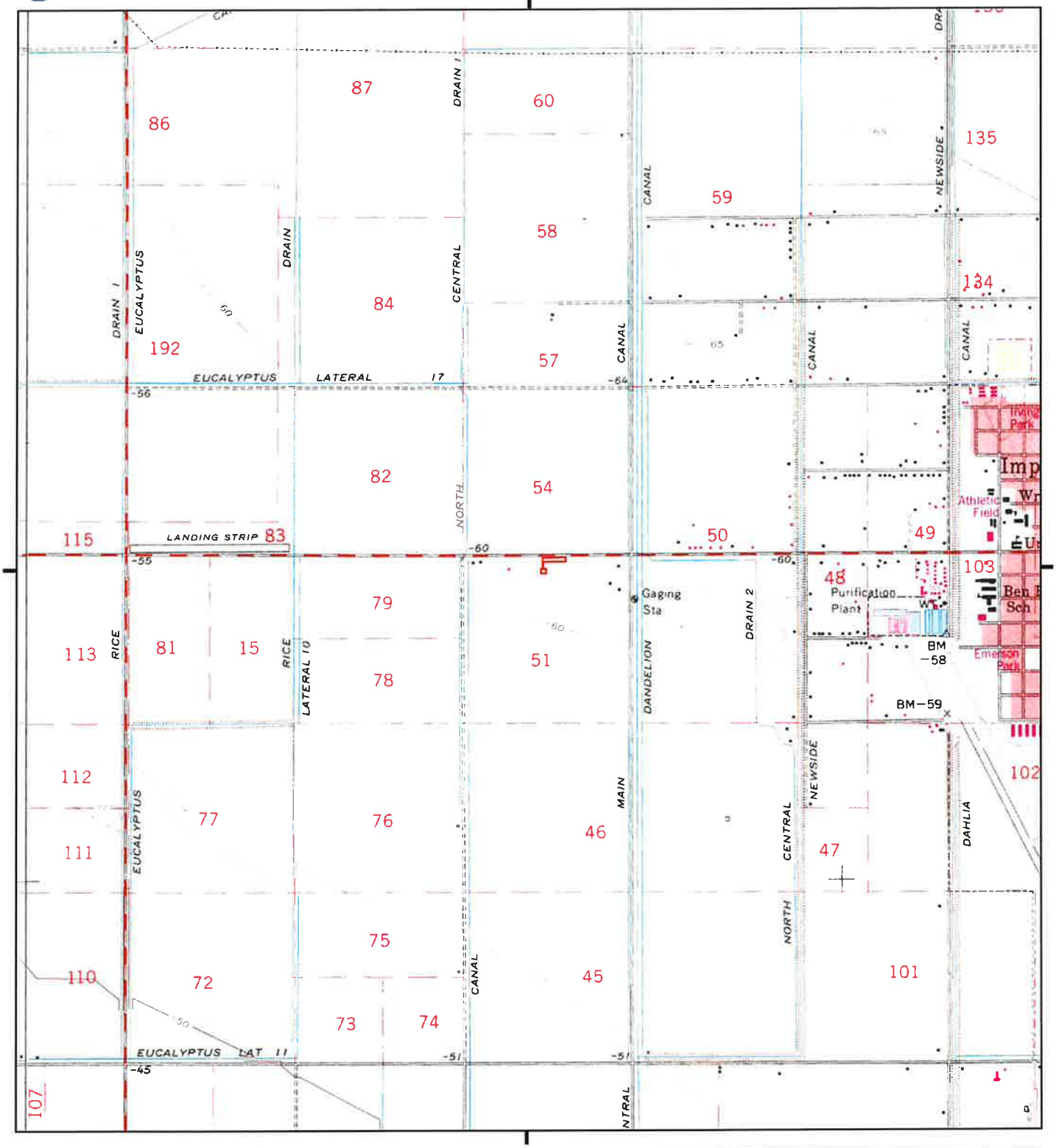
TP, El Centro, 2012, 7.5-minute
SW, Seeley, 2012, 7.5-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

Historical Topo Map

1979



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

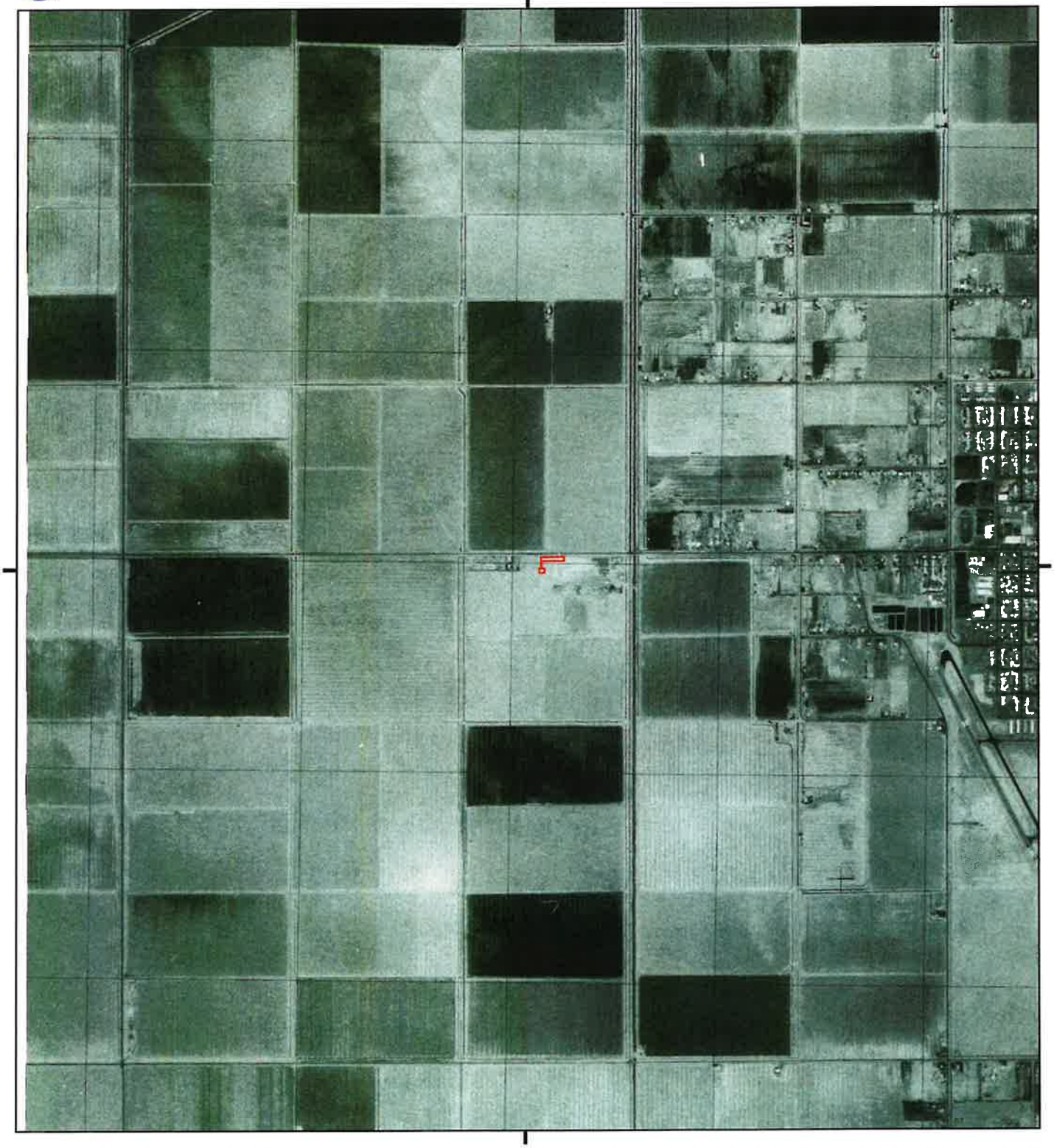
TP, El Centro, 1979, 7.5-minute
SW, Seeley, 1979, 7.5-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

Historical Topo Map

1976



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

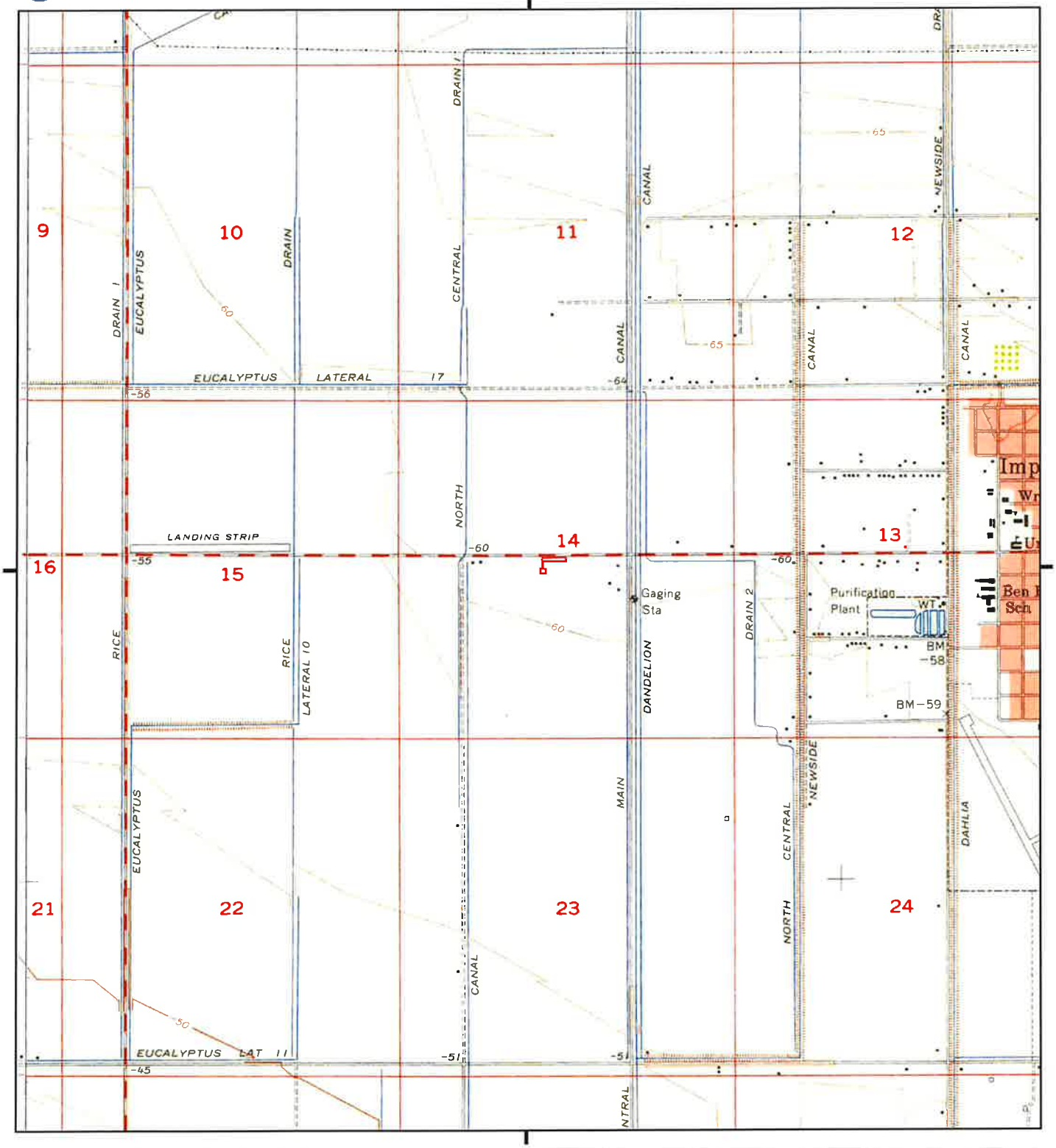
TP, El Centro, 1976, 7.5-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

Historical Topo Map

1957



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

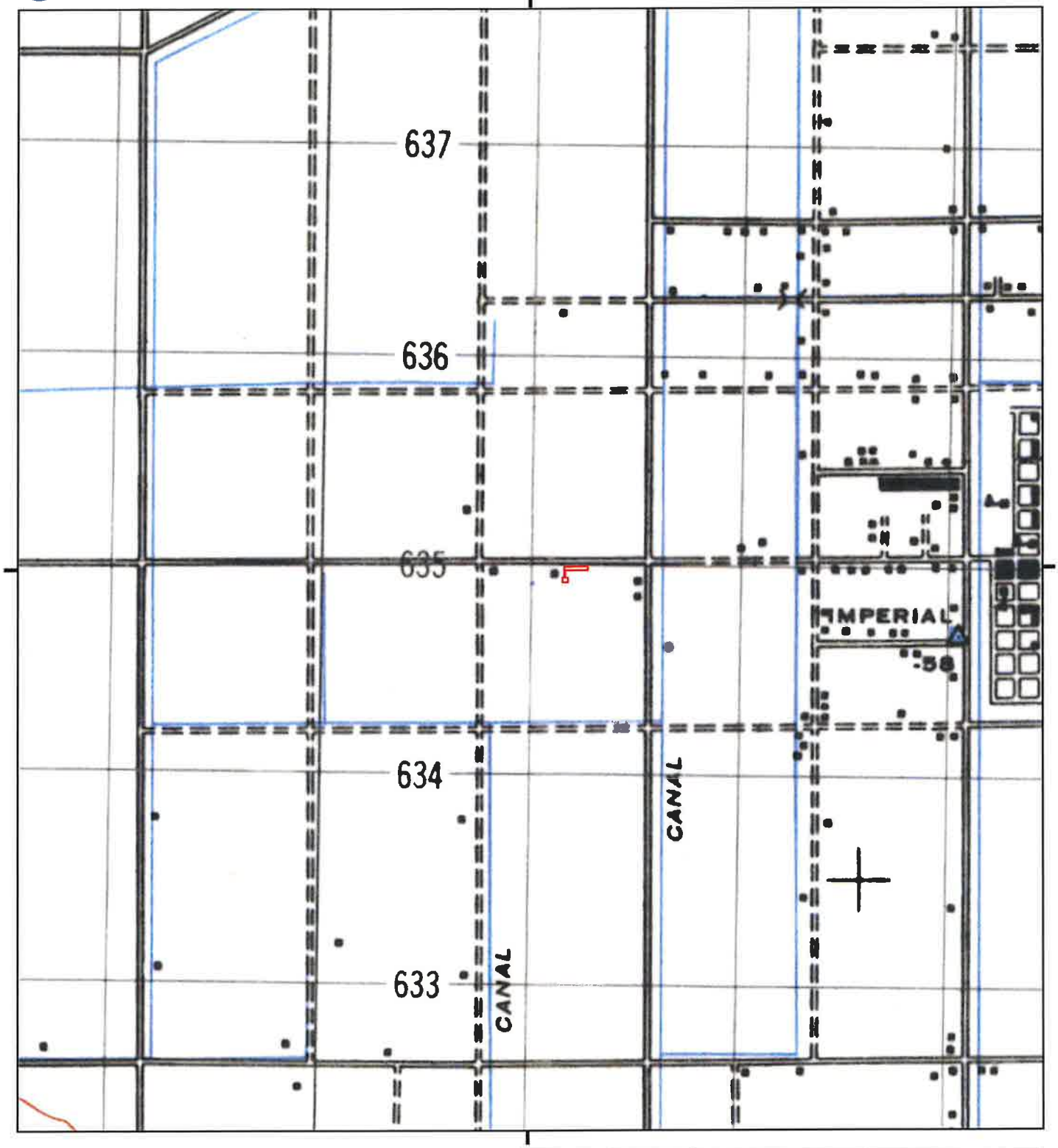
TP, El Centro, 1957, 7.5-minute
SW, Seeley, 1957, 7.5-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

Historical Topo Map

1948



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

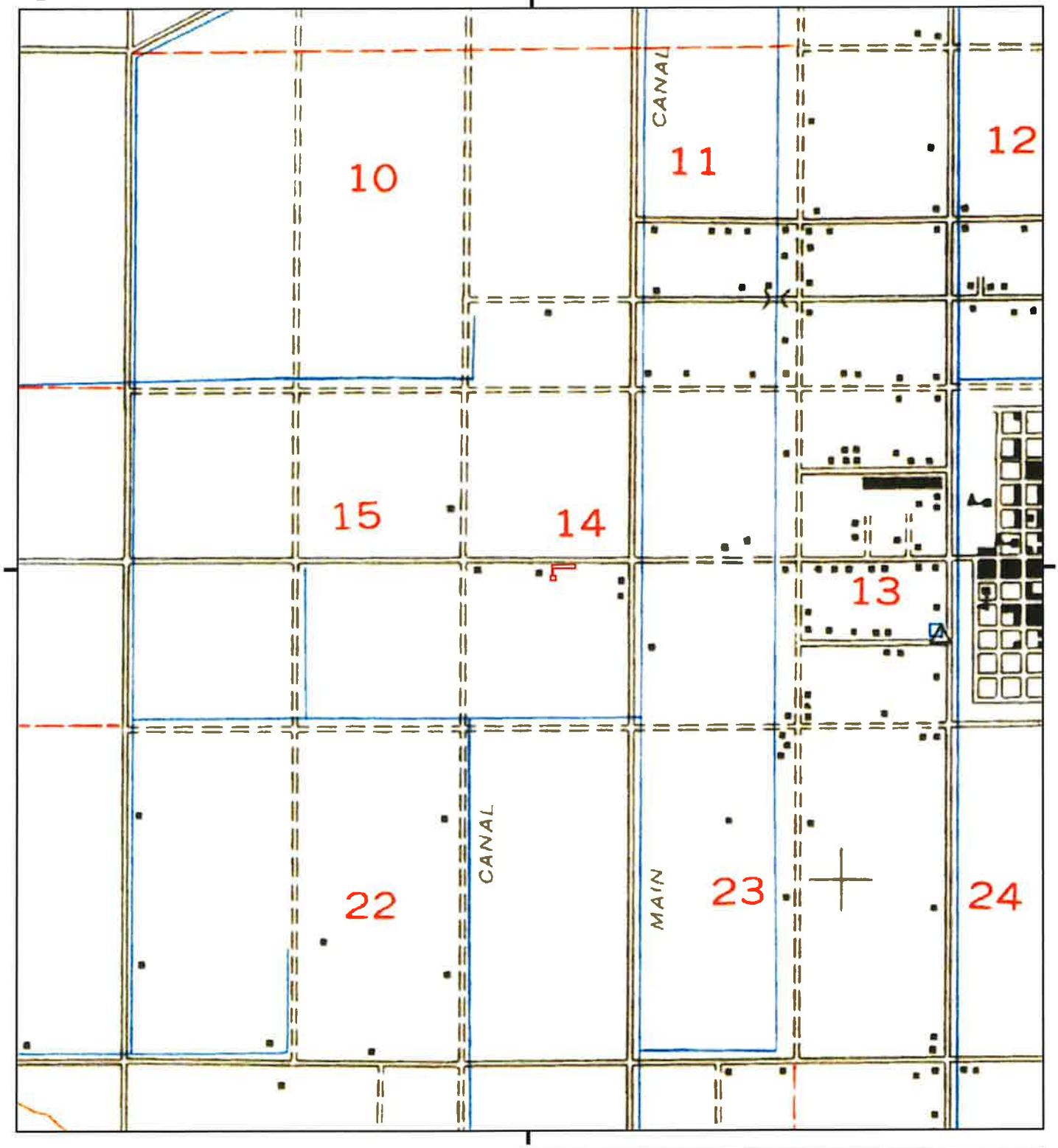
TP, BRAWLEY, 1948, 15-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N

Historical Topo Map

1940



This report includes information from the following map sheet(s).

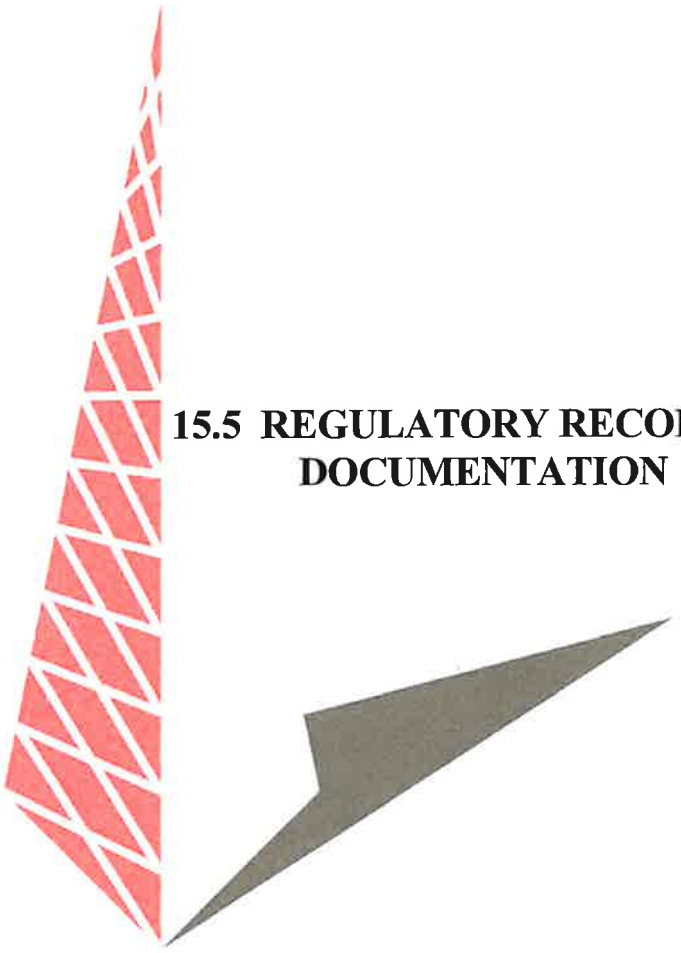
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brawley, 1940, 15-minute

SITE NAME: Imperial CA-00435
ADDRESS: 749 West Worthington Rd
Imperial, CA 92251
CLIENT: Tower Eng. Professionals

N



15.5 REGULATORY RECORDS DOCUMENTATION

Imperial CA-00435
749 West Worthington Rd
Imperial, CA 92251

Inquiry Number: 7729774.2s
August 07, 2024

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	10
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2024 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

749 WEST WORTHINGTON RD
IMPERIAL, CA 92251

COORDINATES

Latitude (North):	32.8467580 - 32^ 50' 48.32"
Longitude (West):	115.6001280 - 115^ 36' 0.46"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	631004.1
UTM Y (Meters):	3634976.2
Elevation:	56 ft. below sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5622954 EL CENTRO, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	060
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
749 WEST WORTHINGTON RD
IMPERIAL, CA 92251

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ..... Federal Facility Site Information listing
SEMS ..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-VSQG ..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR..... EnviroStor Database

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Properties

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI ..... Open Dump Inventory
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites ..... Historical Calsites Database
SCH ..... School Property Evaluation Program
CDL ..... Clandestine Drug Labs
CERS HAZ WASTE ..... California Environmental Reporting System Hazardous Waste
Toxic Pits ..... Toxic Pits Cleanup Act Sites
US CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST ..... SWEEPS UST Listing
HIST UST ..... Hazardous Substance Storage Container Database
CA FID UST ..... Facility Inventory Database
CERS TANKS ..... California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information
DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ..... RCRA - Non Generators / No Longer Regulated
FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
ICIS ..... Integrated Compliance Information System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System

EXECUTIVE SUMMARY

COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
MINES MRDS	Mineral Resources Data System
FINDS	Facility Index System/Facility Registry System
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
UST FINDER	UST Finder Database
UST FINDER RELEASE	UST Finder Releases Database
E MANIFEST	Hazardous Waste Electronic Manifest System
PFAS	PFAS Investigation Site Location Listing
AQUEOUS FOAM	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CHROME PLATING	Chrome Plating Facilities Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	Inspection, Compliance and Enforcement
HIST CORTESE	Hazardous Waste & Substance Site List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
HWTS	Hazardous Waste Tracking System
HAZNET	Facility and Manifest Data
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing

EXECUTIVE SUMMARY

NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
HAZMAT	Hazardous Material Facilities
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

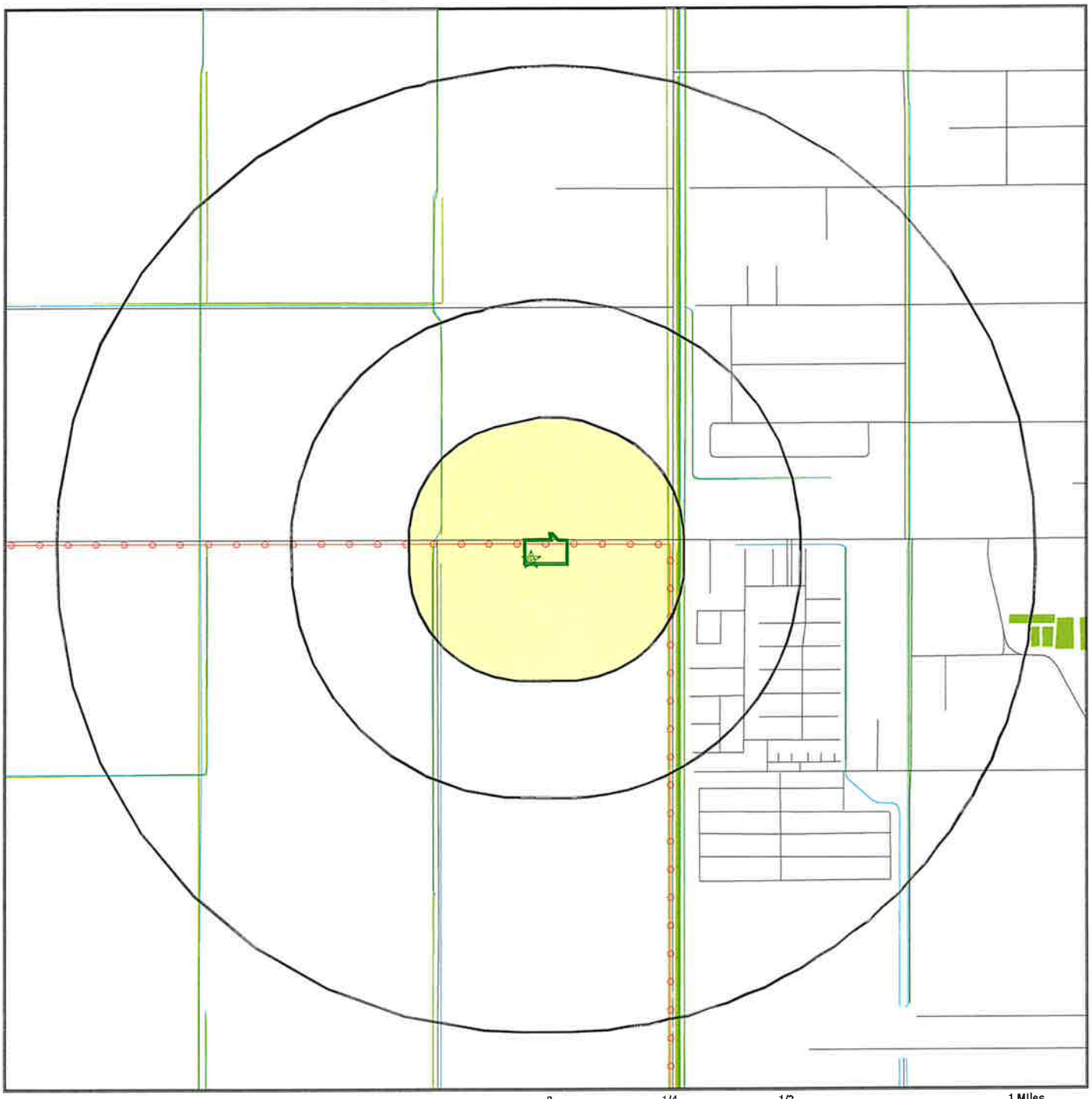
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
IMPERIAL CUT AND FILL	ENVIROSTOR

OVERVIEW MAP - 7729774.2S



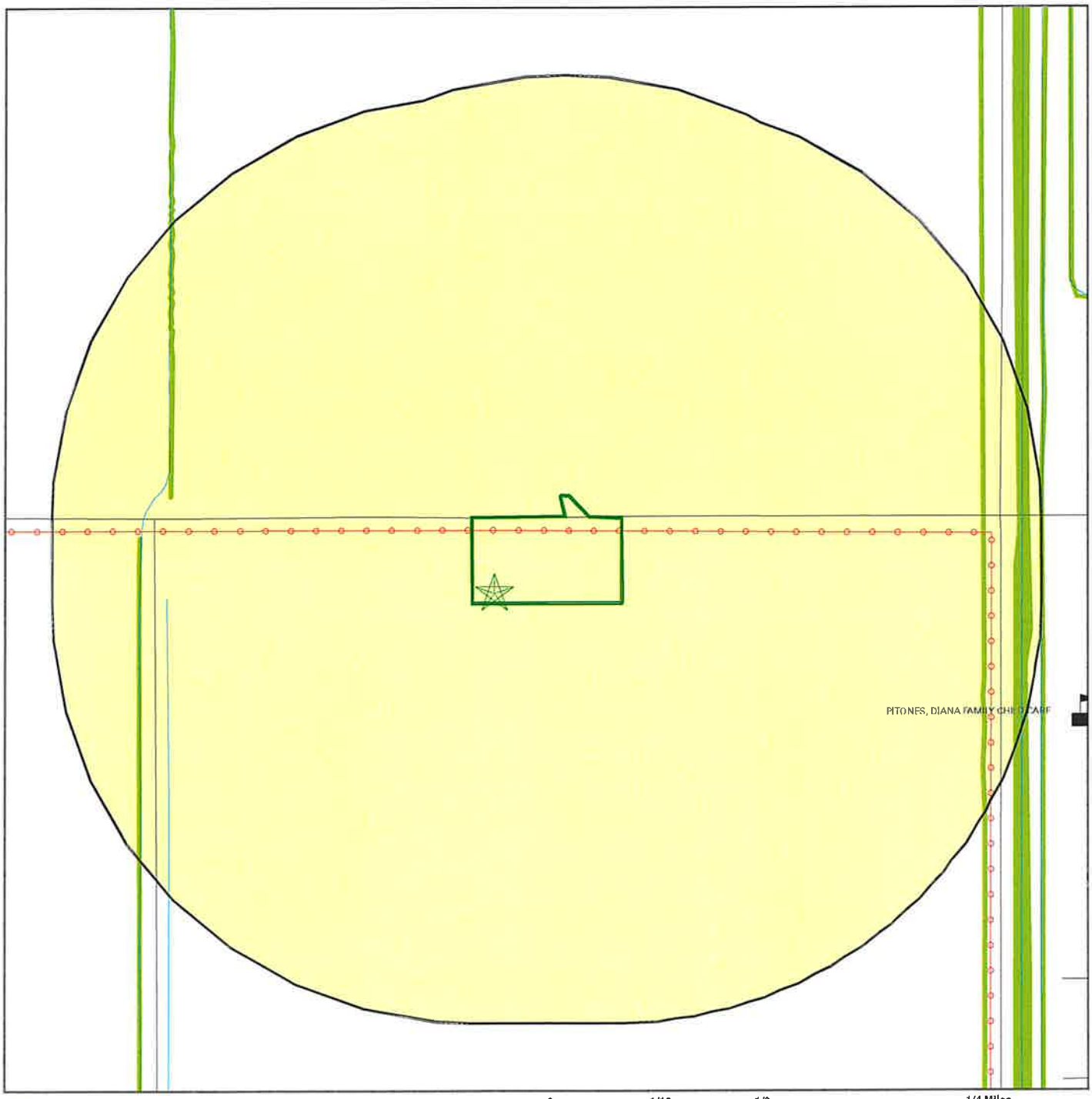
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Imperial CA-00435	CLIENT: Tower Eng. Professionals
ADDRESS: 749 West Worthington Rd Imperial CA 92251	CONTACT: Monty Stockton-Fresso
LAT/LONG: 32.846758 / 115.600128	INQUIRY #: 7729774.2s DATE: August 07, 2024 5:07 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 7729774.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Imperial CA-00435	CLIENT: Tower Eng. Professionals
ADDRESS: 749 West Worthington Rd Imperial CA 92251	CONTACT: Monty Stockton-Fresso
LAT/LONG: 32.846758 / 115.600128	INQUIRY #: 7729774.2s DATE: August 07, 2024 5:09 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

NO SITES FOUND

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
IMPERIAL	S100180364	IMPERIAL CUT AND FILL	WORTHINGTON RD. AND NEW RIVER	92251	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/25/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 48

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/13/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/17/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/17/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/06/2024
Date Data Arrived at EDR: 05/07/2024
Date Made Active in Reports: 07/30/2024
Number of Days to Update: 84

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/06/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/04/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/29/2024
Number of Days to Update: 85

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 06/03/2024
Number of Days to Update: 90

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/17/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/17/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/19/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/10/2024
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/11/2024
Date Data Arrived at EDR: 03/12/2024
Date Made Active in Reports: 05/10/2024
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/11/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/04/2024
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 04/15/2024
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/17/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs
A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/10/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 2

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/29/2024
Date Data Arrived at EDR: 04/30/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 84

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/10/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 2

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/15/2024
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/14/2024
Number of Days to Update: 77

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 02/01/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/11/2024
Number of Days to Update: 86

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/16/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/11/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 1

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 57

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 07/11/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/16/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/01/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 04/01/2024
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 99

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/23/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 79

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/09/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 87

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024
Date Data Arrived at EDR: 06/28/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/28/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/12/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information
EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information
Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information
EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 07/01/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 04/14/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/06/2024
Date Made Active in Reports: 05/29/2024
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/19/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 84

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 05/08/2024
Number of Days to Update: 77

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 02/08/2024
Number of Days to Update: 23

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 02/20/2024
Date Data Arrived at EDR: 02/22/2024
Date Made Active in Reports: 05/08/2024
Number of Days to Update: 76

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 04/24/2024
Number of Days to Update: 7

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 04/16/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 10/18/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 90

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 03/19/2024
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 04/12/2024
Number of Days to Update: 22

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/02/2024
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 04/15/2024
Number of Days to Update: 10

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Annually

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/15/2024
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/28/2024
Date Made Active in Reports: 05/15/2024
Number of Days to Update: 77

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/05/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 75

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/05/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 75

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/21/2024
Number of Days to Update: 77

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412

Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473

Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468

Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 01/08/2024
Date Data Arrived at EDR: 01/10/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 01/05/2024
Date Data Arrived at EDR: 01/10/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 77

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/10/2024
Date Made Active in Reports: 03/27/2024
Number of Days to Update: 77

Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/11/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 87

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/12/2024
Date Data Arrived at EDR: 04/12/2024
Date Made Active in Reports: 07/09/2024
Number of Days to Update: 88

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/28/2024
Date Made Active in Reports: 05/15/2024
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/02/2024
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 01/26/2024
Date Data Arrived at EDR: 01/30/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/02/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/23/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/16/2024
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/06/2024
Date Data Arrived at EDR: 05/07/2024
Date Made Active in Reports: 07/31/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/06/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/17/2024
Number of Days to Update: 80

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/08/2024
Date Data Arrived at EDR: 03/08/2024
Date Made Active in Reports: 05/29/2024
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 84

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/28/2024
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 02/26/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/14/2024
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/10/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 2

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/04/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/01/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/11/2024
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/17/2024
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/26/2024
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 05/23/2024
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 6

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 04/25/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/08/2024
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/26/2024
Number of Days to Update: 78

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/08/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 07/10/2024
Number of Days to Update: 2

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/08/2024
Date Data Arrived at EDR: 04/09/2024
Date Made Active in Reports: 07/08/2024
Number of Days to Update: 90

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/09/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 07/13/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 76

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 07/09/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 02/09/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 84

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 02/09/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 84

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/16/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/12/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

MARIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/20/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/15/2023
Date Data Arrived at EDR: 11/20/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 87

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 07/17/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 04/23/2024
Date Data Arrived at EDR: 04/25/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 62

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 02/02/2024
Date Data Arrived at EDR: 03/13/2024
Date Made Active in Reports: 06/04/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/30/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/22/2024
Date Data Arrived at EDR: 03/13/2024
Date Made Active in Reports: 06/04/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/30/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/22/2024
Date Data Arrived at EDR: 03/13/2024
Date Made Active in Reports: 06/04/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/30/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/28/2024
Date Data Arrived at EDR: 02/28/2024
Date Made Active in Reports: 05/16/2024
Number of Days to Update: 78

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/11/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/11/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/24/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/24/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2024
Date Data Arrived at EDR: 01/18/2024
Date Made Active in Reports: 01/26/2024
Number of Days to Update: 8

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/13/2024
Date Data Arrived at EDR: 02/14/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 78

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2024
Date Data Arrived at EDR: 05/22/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 2

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 04/29/2024
Date Data Arrived at EDR: 04/30/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 84

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 07/23/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 04/29/2024
Date Data Arrived at EDR: 04/30/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 84

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 04/16/2024
Date Made Active in Reports: 07/15/2024
Number of Days to Update: 90

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 07/16/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/23/2024
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/14/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/31/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/21/2024
Date Data Arrived at EDR: 02/22/2024
Date Made Active in Reports: 05/08/2024
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/09/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/05/2023
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 27

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 04/15/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/24/2024
Next Scheduled EDR Contact: 11/11/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/10/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 6

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/20/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/31/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/18/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 5

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/15/2024
Next Scheduled EDR Contact: 10/28/2024
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 05/29/2024
Number of Days to Update: 85

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/22/2024
Date Data Arrived at EDR: 04/04/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 84

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/20/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 04/19/2024
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/15/2024
Number of Days to Update: 83

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/18/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/05/2024
Date Data Arrived at EDR: 05/07/2024
Date Made Active in Reports: 08/01/2024
Number of Days to Update: 86

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/06/2024
Next Scheduled EDR Contact: 11/18/2024
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/25/2024
Next Scheduled EDR Contact: 11/04/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/03/2024
Next Scheduled EDR Contact: 10/21/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/13/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

Â© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

IMPERIAL CA-00435
749 WEST WORTHINGTON RD
IMPERIAL, CA 92251

TARGET PROPERTY COORDINATES

Latitude (North):	32.846758 - 32^ 50' 48.33"
Longitude (West):	115.600128 - 115^ 36' 0.46"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	631004.1
UTM Y (Meters):	3634976.2
Elevation:	56 ft. below sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5622954 EL CENTRO, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

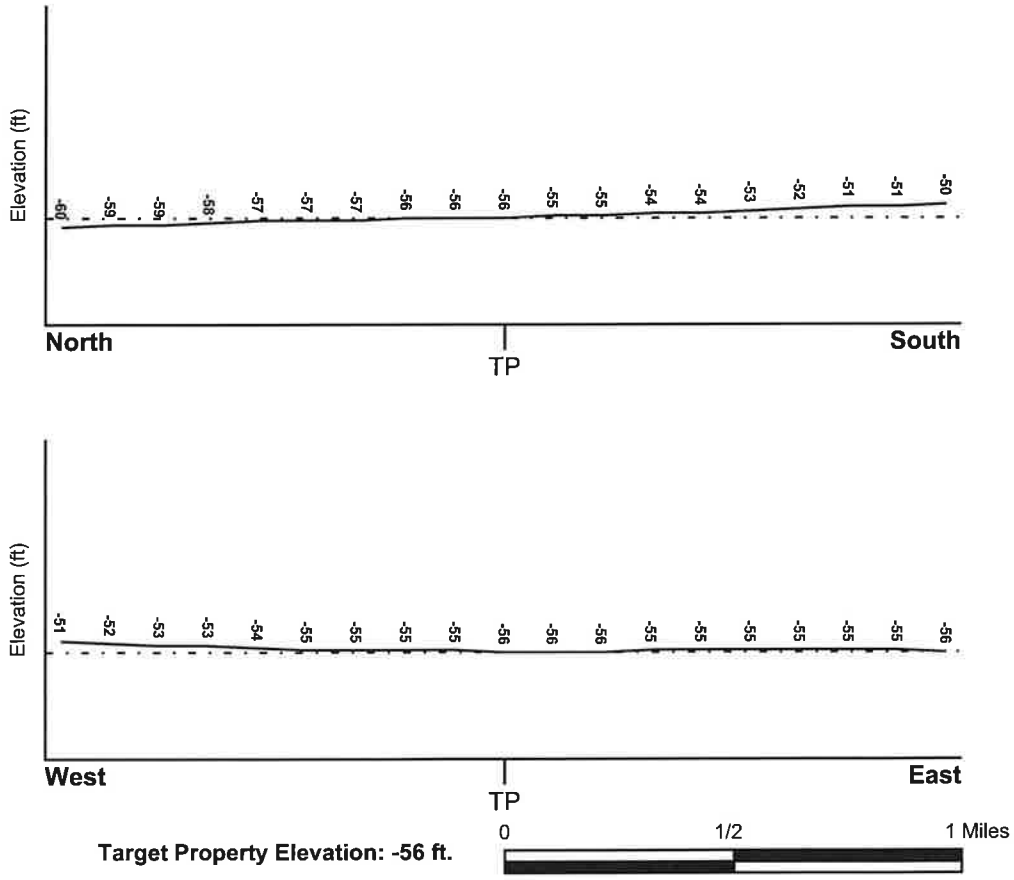
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06025C1725C	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
EL CENTRO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

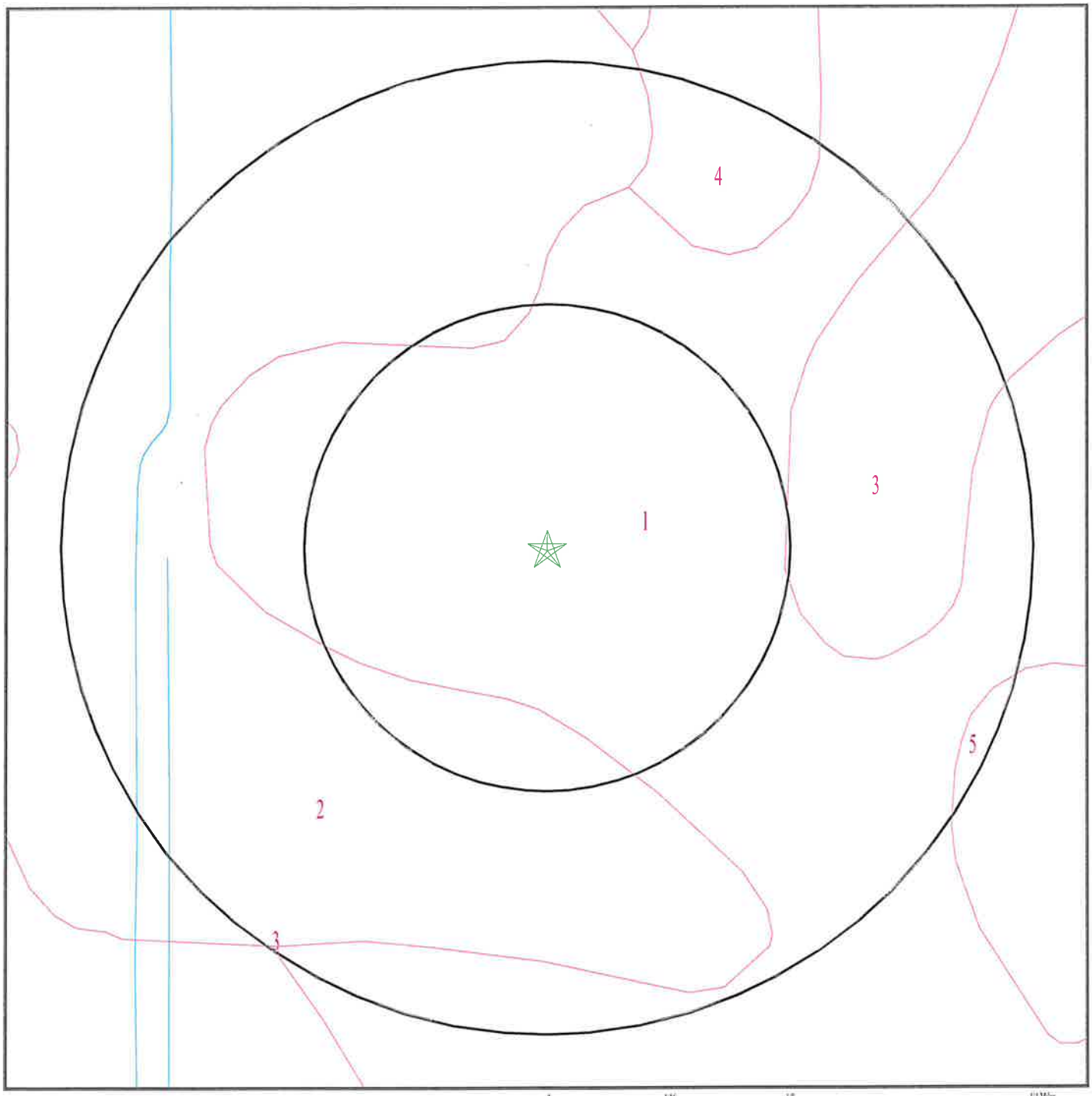
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7729774.2s



Target Property
SSURGO Soil
Water

SITE NAME:	Imperial CA-00435	CLIENT:	Tower Eng. Professionals
ADDRESS:	749 West Worthington Rd Imperial CA 92251	CONTACT:	Monty Stockton-Fresso
		INQUIRY #:	7729774.2s
LAT/LONG:	32.846758 / 115.600128	DATE:	August 07, 2024 5:10 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Imperial

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: Holtville

Soil Surface Texture: silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	16 inches	24 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
3	24 inches	35 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4
4	35 inches	59 inches	loamy very fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Imperial

Soil Surface Texture: silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: Glenbar

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	12 inches	59 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 5

Soil Component Name: Indio

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	11 inches	72 inches	stratified loamy very fine sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

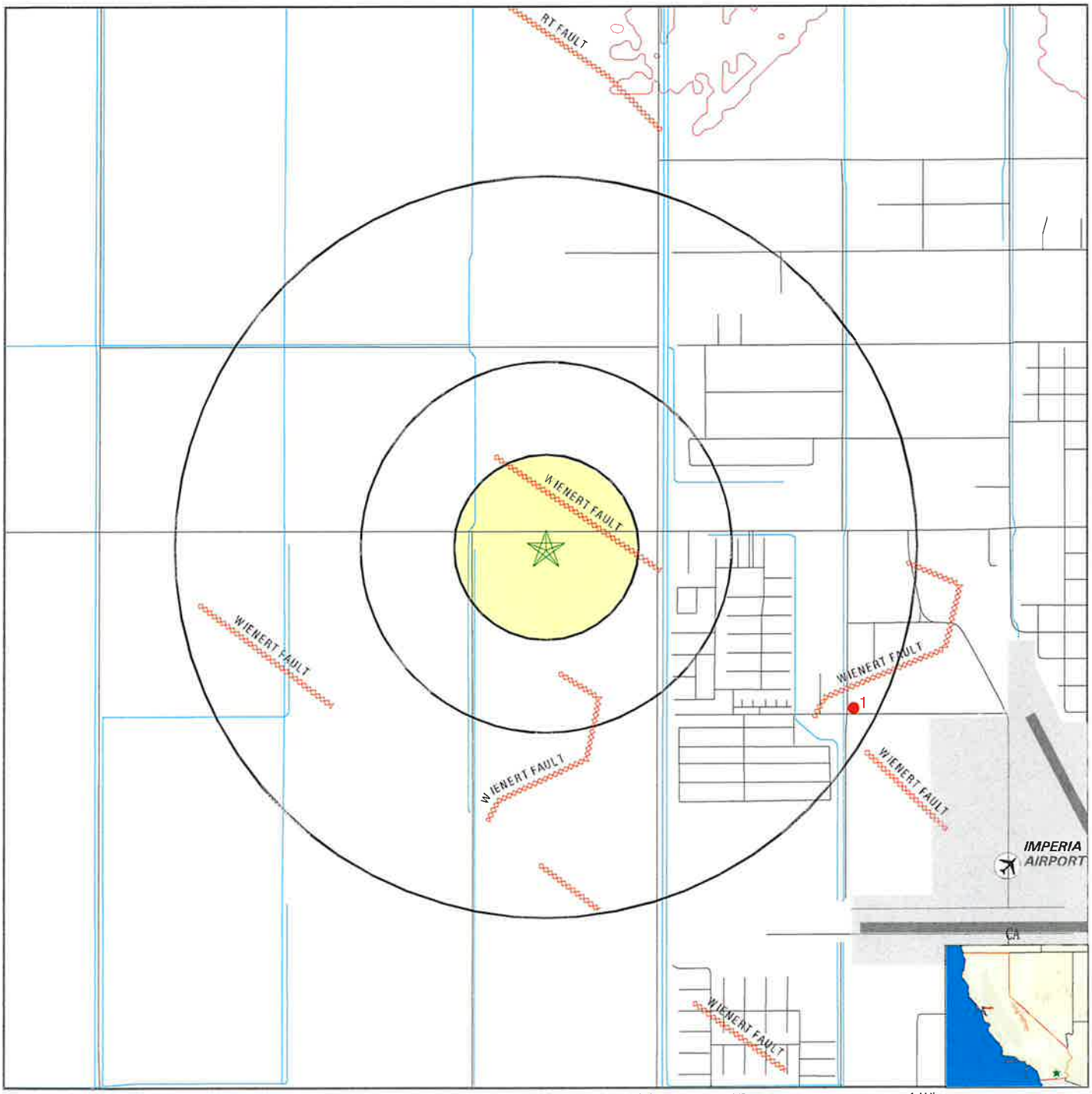
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAGTHRM10000910	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 7729774.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	Imperial CA-00435	CLIENT:	Tower Eng. Professionals
ADDRESS:	749 West Worthington Rd Imperial CA 92251	CONTACT:	Monty Stockton-Fresso
LAT/LONG:	32.846758 / 115.600128	INQUIRY #:	7729774.2s
		DATE:	August 07, 2024 5:09 pm

Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database | EDR ID Number

1
ESE
1/2 - 1 Mile

OIL_GAS **CAGTHRM10000910**

GEOTHERMAL WELLS:

API #:	02590907	Well Number:	232
Well Status:	Plugged and Abandoned well	Well Type:	Thermal Gradient Well
Geothermal District:	2	Confidential Well:	Not Confidential Well
Oil/Gas Lease Name:	C	Field Name:	Not Reported
SPUD Date:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92251	11	0

Federal EPA Radon Zone for IMPERIAL County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for IMPERIAL COUNTY, CA

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.450 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

Â© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



15.6 INTERVIEW DOCUMENTATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT
LANDOWNER/USER QUESTIONNAIRE

Introduction:
In order to qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfield Amendments"), the owner must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Site Information: IMPERIAL (CA-00435)

1. **Environmental cleanup liens that are filed or recorded against the site (CFR 312.25)**
   Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? ☐ Yes or ☐ No If yes, explain:

2. **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)**
   Are you aware of any activity and use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? ☐ Yes or ☐ No If yes, explain:

3. **Specialized knowledge or experience of the person seeking to qualify for the Landowner Liability Protections (40 CFR 312.28)**
   Do you have any specialized knowledge or experience related to the property or nearby properties? ☐ Yes or ☐ No If yes, explain:

4. **Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)**
   Does the purchase price paid for this property reasonably reflect the fair market value of the property? ☐ Yes or ☐ No If you concluded that there is a difference, have you considered whether the lower purchase price is because contamination is known of believed to be present at the property? ☐ Yes or ☐ No If yes, explain:

5. **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)**
   Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of a release or threatened release? ☐ Yes or ☐ No For example:

   - Do you know the past uses of the property? ☐ Yes or ☐ No If yes, explain:

- Do you know of specific chemicals that are present or once were present at the property?
☐ Yes or ☐ No If yes, explain:

- Do you know of spills or other chemical releases that have taken place at the property?
☐ Yes or ☐ No If yes, please explain:

- Do you know of any environmental cleanups that have taken place at the property?
☐ Yes or ☐ No If yes, explain:

6. **The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**
Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?
☐ Yes or ☐ No If yes, explain:

7. **Do you know of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property, and 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?** ☐ Yes or ☐ No If yes, explain:

8. **Do you know if copies of any of the following exist, and if so, can you provide copies to TEP?** ☐ Yes or ☐ No If yes, explain:

   - Environmental site assessment reports
   - Environmental compliance audit reports
   - Environmental permits
   - Registrations for underground and aboveground storage tanks
   - Registration for underground injection systems
   - Material safety data sheets
   - Community right-to-know plan plans or reports
   - Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans
   - Reports regarding hydrogeologic conditions on the property or surrounding area
   - Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to property or relating to environmental liens encumbering the property
   - Hazardous waste generator notices or reports
   - Geotechnical studies
   - Risk assessments

- Recorded activity and use limitations

9. Additional Comments/Questions:

1. **Are there any pipelines on the property?** ☐ Yes or ☐ No If yes, explain:

2. **Are there any wells or septic systems on the property?** ☐ Yes or ☐ No If yes, explain:

Printed Name:_____ Date: _____

IMPERIAL COUNTY PUBLIC HEALTH DEPARTMENT

DIVISION OF ENVIRONMENTAL HEALTH SERVICES

COURTHOUSE * 939 W. Main Street - B7 * El Centro, CA 92243
Phone: (760) 482-4203 Fax: (760) 352-1309

NOTICE: • *The PERMIT FOR SEPTIC SYSTEM does not constitute a system design and is based solely on information supplied by the applicant.* • *The PERMIT FOR SEPTIC SYSTEM or the CERTIFICATE OF COMPLIANCE is not a guarantee that the system will operate or continue to operate.*

SEPTIC SYSTEM
CERTIFICATE OF COMPLIANCE

Property Owner's Name: Randy Bertussi / Kevin Seals Permit # 5577

Installation Address: 749 W. Worthington Road Septic Tank Capacity: 1250 gallons

•Disposal Trenches: Trench Width: 36" Gravel Depth Below the Pipe: 12"

# of Trenches 3 Length of Each Line 75' Total Length: 225

•Disposal Bed: Width: _____ Length: _____ # of Tile Lines: _____

•Chambers: Length Ea. Chamber: ____ # Chambers Ea. Trench: _____ Total # Chambers: _____

Gravel Pits Installed? Yes [X] No [ ] Other Design Features (Please Describe):

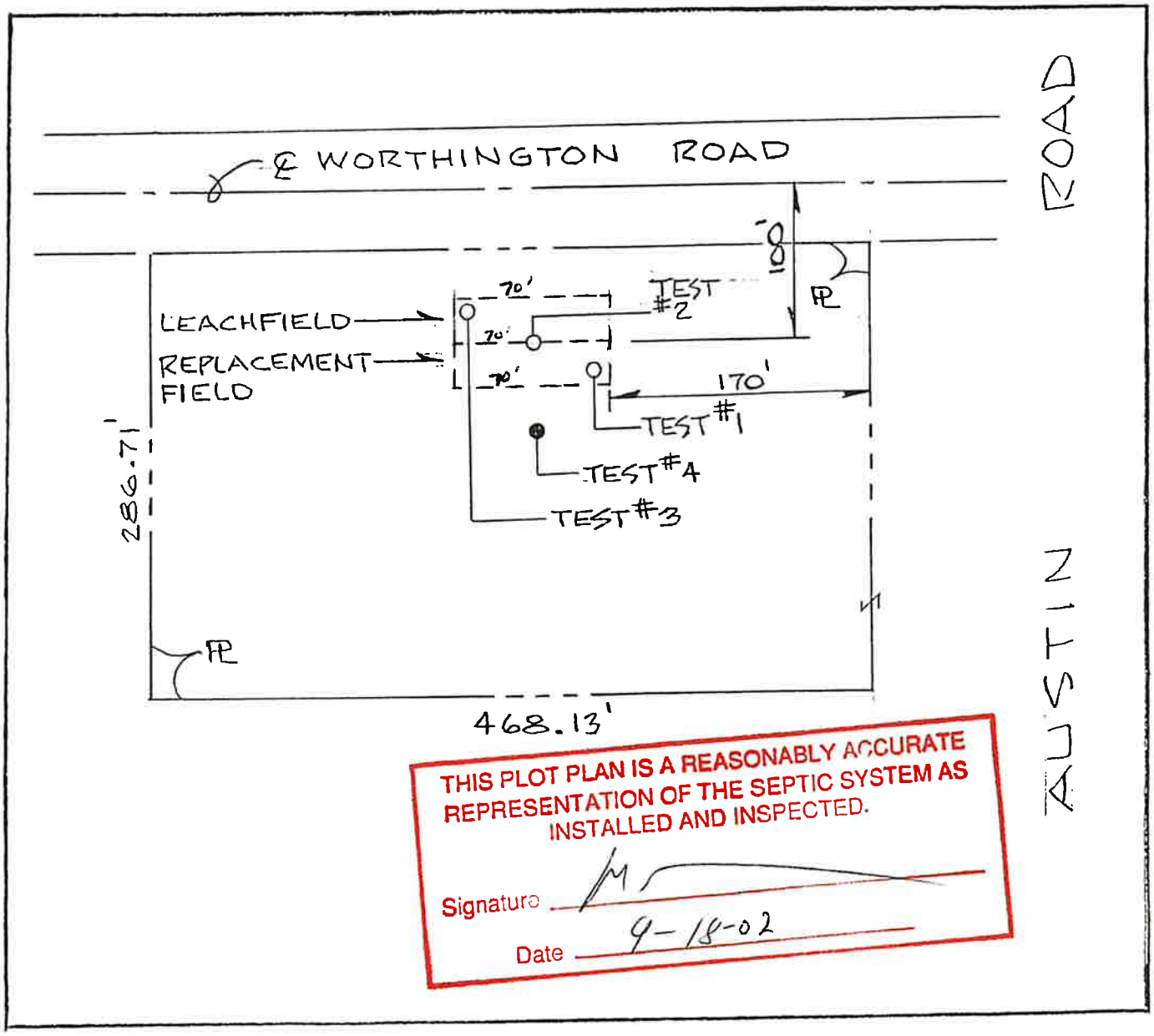
THE INSTALLATION, FOR WHICH THE PERMIT NOTED ABOVE WAS ISSUED, WAS INSPECTED THIS DATE, AND FOUND TO BE IN COMPLIANCE WITH CURRENT REGULATIONS AND STANDARDS ADOPTED BY THE COUNTY OF IMPERIAL.

Signature: _____ Date of Final Inspection: 9-18-02

PHONE
(760)353-7224

CONTRACTORS DEVERSIFIED SERVICE
579 East Ross Avenue
El Centro, California 92243

FAX
(760)353-7223



PERCOLATION TEST SITE MAP

NTS

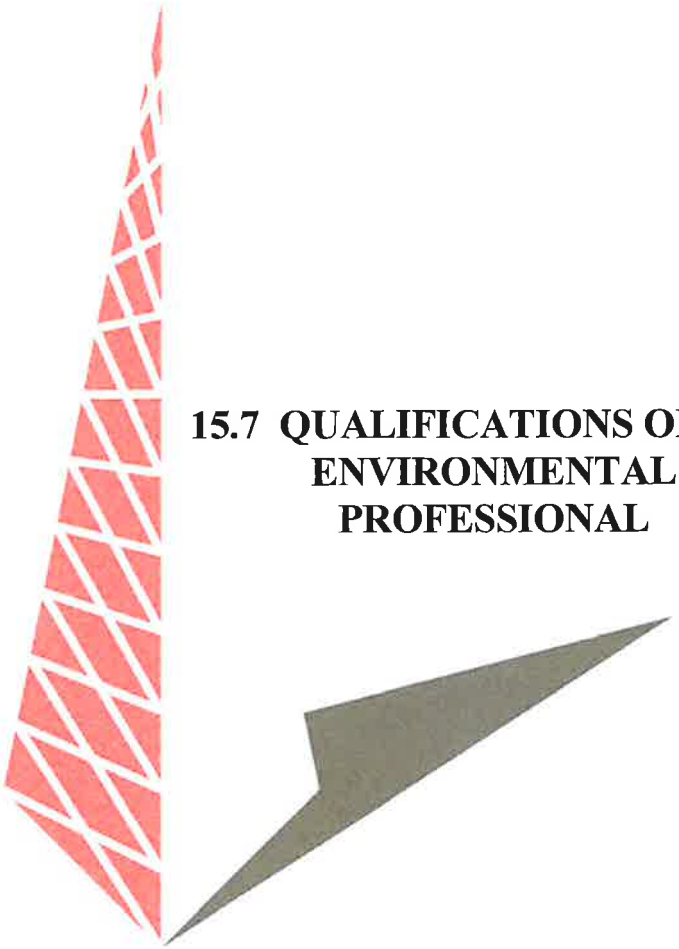
LOCATION 2675 AUSTIN RD.
IMPERIAL, CA

APN 043 07 75 01

TEST DATE 07-19-02

NORTH

MAP SHT. 1 OF 1



15.7 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Nicole Minnick
Due Diligence Manager

EDUCATION & CERTIFICATIONS

Hood College – Frederick, MD
Degree: Bachelor of Arts (2008) – Environmental Science, Environmental Biology Concentration

Environmental Professional (EP) as defined by ASTM Standard 1527-21 (AAI)
Environmental Assessment Association (EAA) – Certified Environmental Specialist (2012-2023)
OSHA 40-HOUR HAZWOPER Certification (February 2024)
American Red Cross CPR/AED Certification (February 2024)

WORK SUMMARY

TEP OPCO, LLC Raleigh, NC **(October 2023 – present)**
Due Diligence Manager

- Prepares, reviews, and manages completion of Phase I and Phase II Environmental Site Assessments (ESAs) per ASTM1527-21 for telecommunication tower projects throughout the U.S. and Canada.

Building Evaluation Services & Technology Frederick, MD **(February 2008 to September 2023)**
Environmental Project Manager/Executive Assistant

- Prepared, reviewed, and managed the completion of Phase I and Phase II Environmental Site Assessments (ESAs) for multi-family and commercial properties for acquisitions and real estate finance transactions.
- Prepared, reviewed, and managed the completion of Operations & Maintenance Programs for asbestos, lead-based paint, mold, PCBs, radon, and storage tanks.
- Created and established client protocol and report formats to follow Fannie Mae, Freddie Mac, and ASTM Standard Practice E-1527 and All Appropriate Inquiries (AAI)
- Point of contact for clients, owners, and other parties regarding Phase I and Phase II Investigation results
- Coordinated inspection schedule for all incoming projects, liaising between clients, site contacts, and inspectors.
- Coordinated radon testing
- Executive assistant to the Vice President of Operations and Company President

Catoctin Wildlife Preserve & Zoo Thurmont, MD **(2005 to 2009)**
Educator

- Conducted daily animal education seminars and keeper demonstrations for the public
- Animal ambassador encounters for school and organization group visits on-site and off-site
- Animal care for animal ambassadors
- Training and supervision of seasonal zoo volunteers

Hood College Coastal Studies Maryland & Florida **(2006)**
Student Researcher/Intern

- Participated in environmental research and restoration projects along the east coast from Maryland to Florida
- Completed and participated in training courses on the historical, political, environmental, and social impacts of coastal communities at Chesapeake Biological Laboratory (MD), Harbor Branch Oceanographic Institute (FL), Everglades National Park (FL), and Mote Marine Laboratory (FL).

SKYWAY TOWERS

SITE NAME: IMPERIAL
SITE NUMBER: CA-00435
PROPOSED WIRELESS TELECOMMUNICATION FACILITY

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PHOTO RENDERED BY TEP

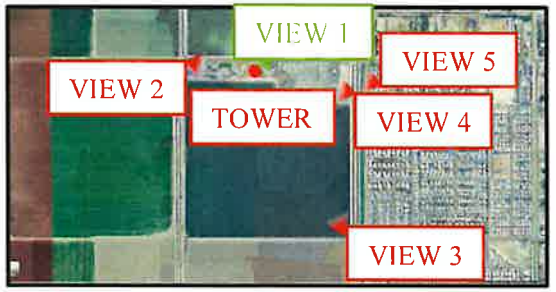
LTEP

EXISTING VIEW 1

SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025





TEP

PHOTO RENDERED BY TEP

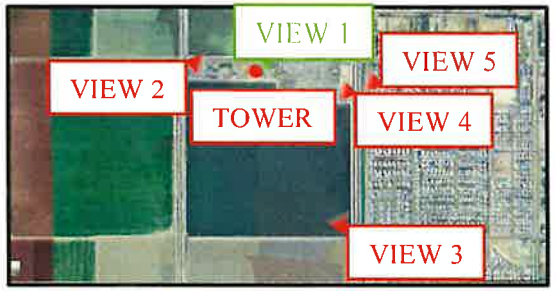
TEP

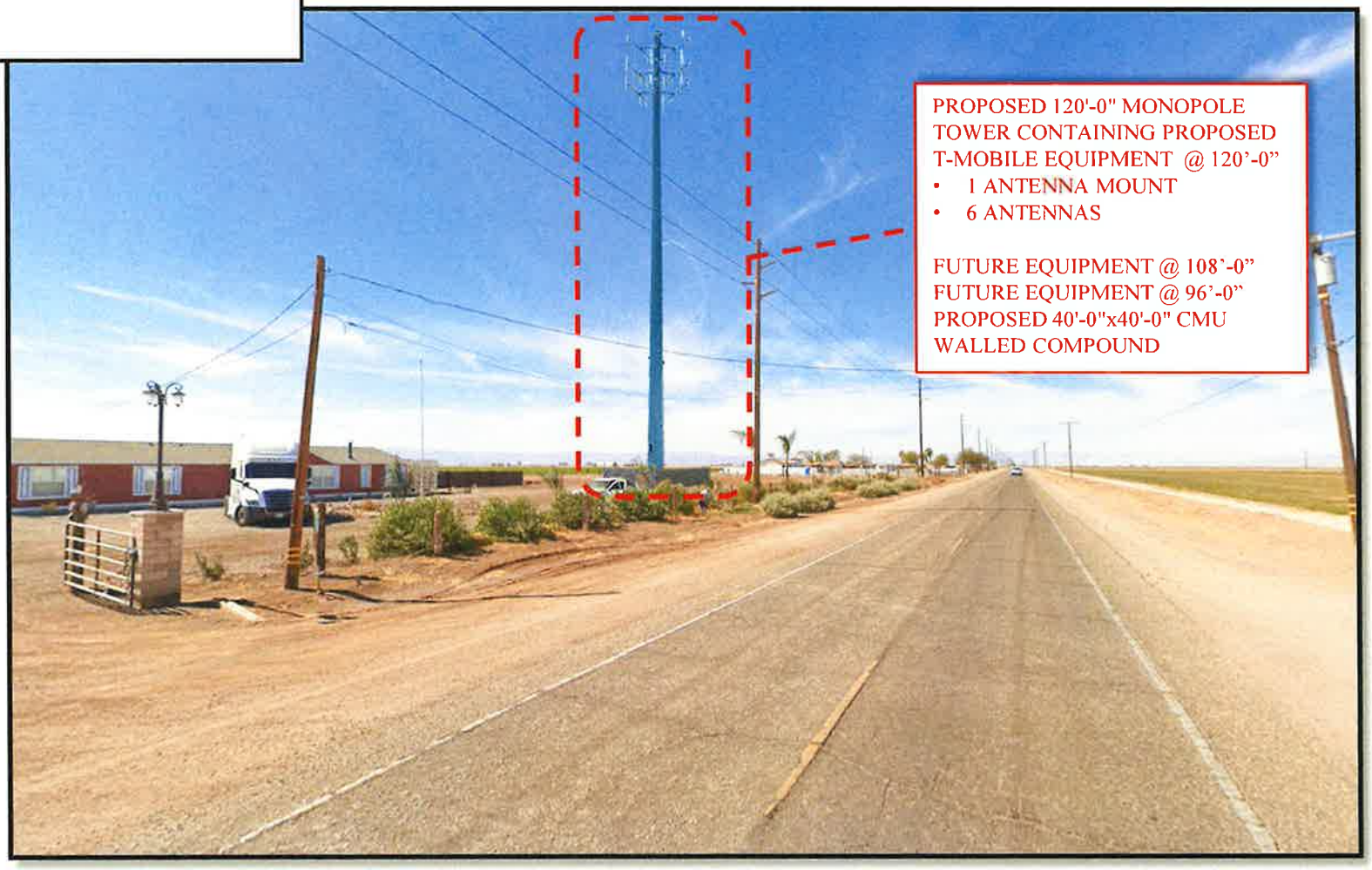
PROPOSED VIEW 1A

SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025





TEP

PHOTO RENDERED BY TEP

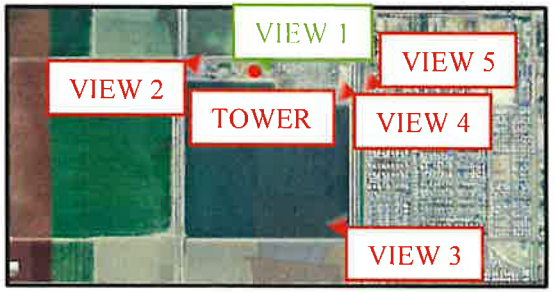
TEP

PROPOSED VIEW 1B

SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025



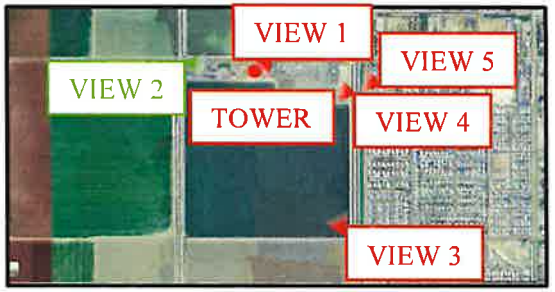


TEP

PHOTO RENDERED BY TEP

TEP

EXISTING VIEW 2



SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025

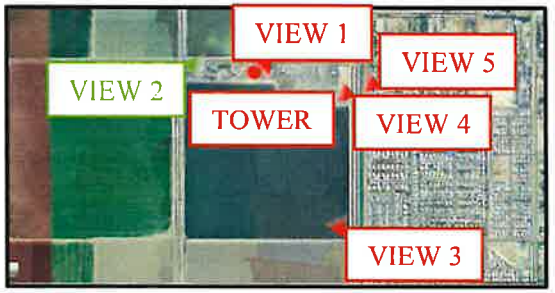


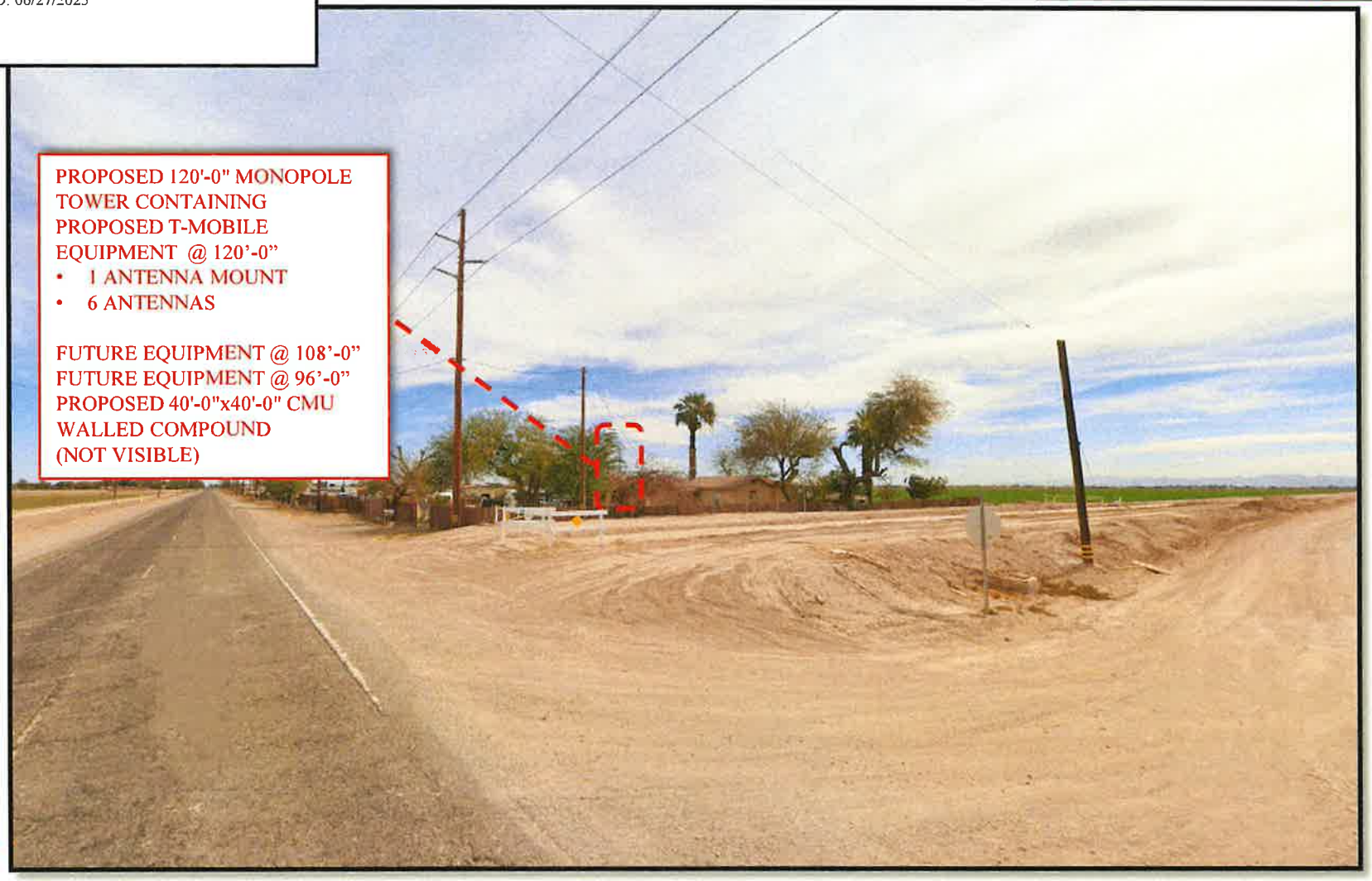
PROPOSED VIEW 2

SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025



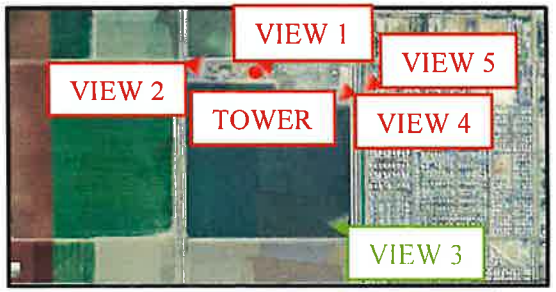


TEP

PHOTO RENDERED BY TEP

TEP

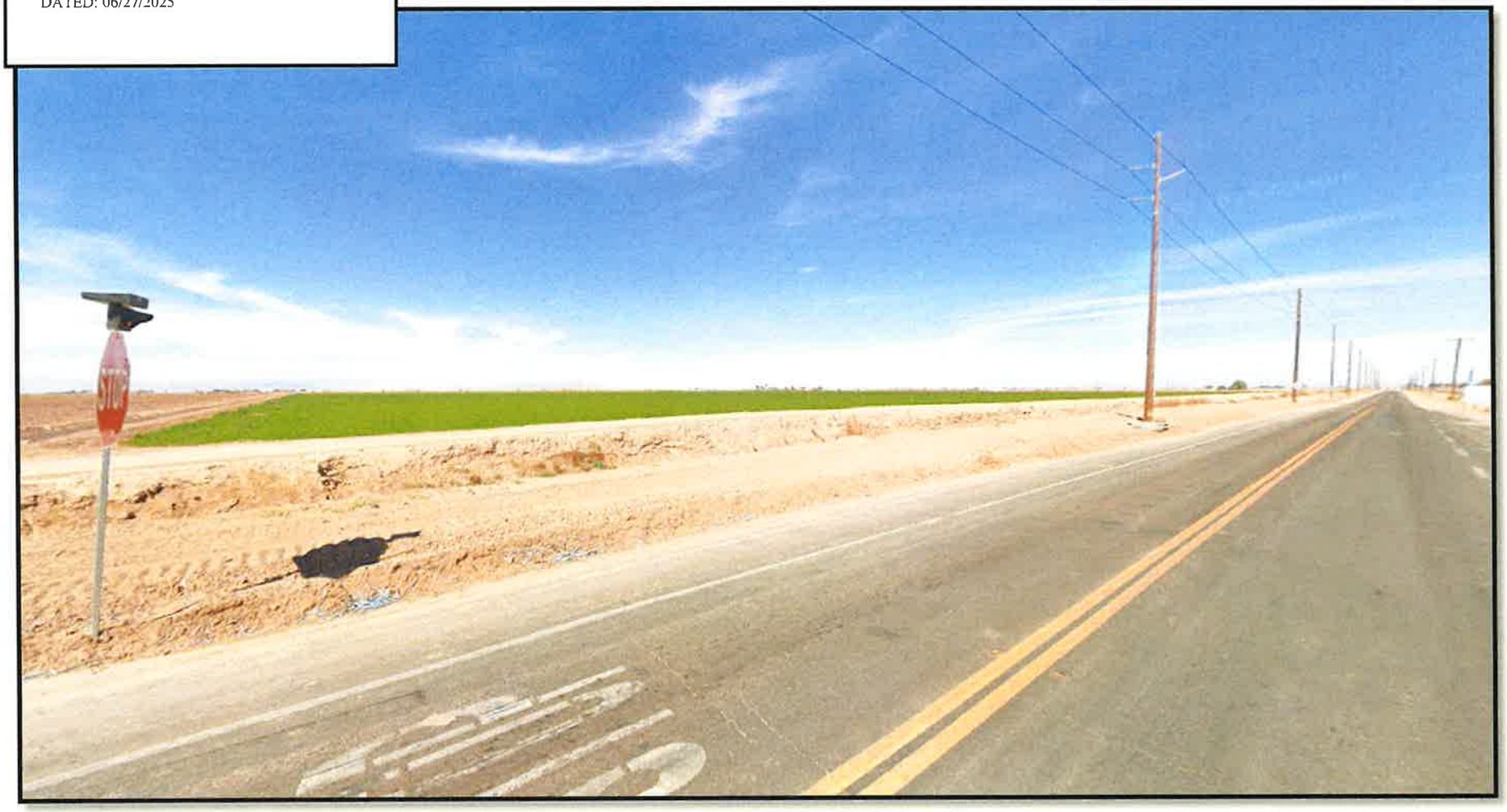
EXISTING VIEW 3



SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025



TEP

PHOTO RENDERED BY TEP

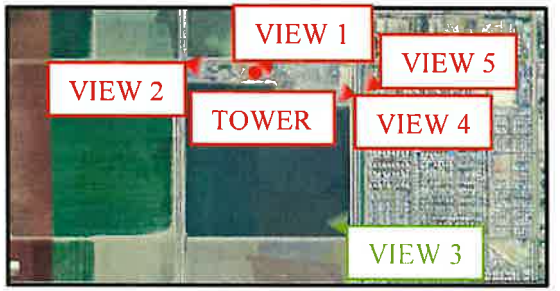
TEP

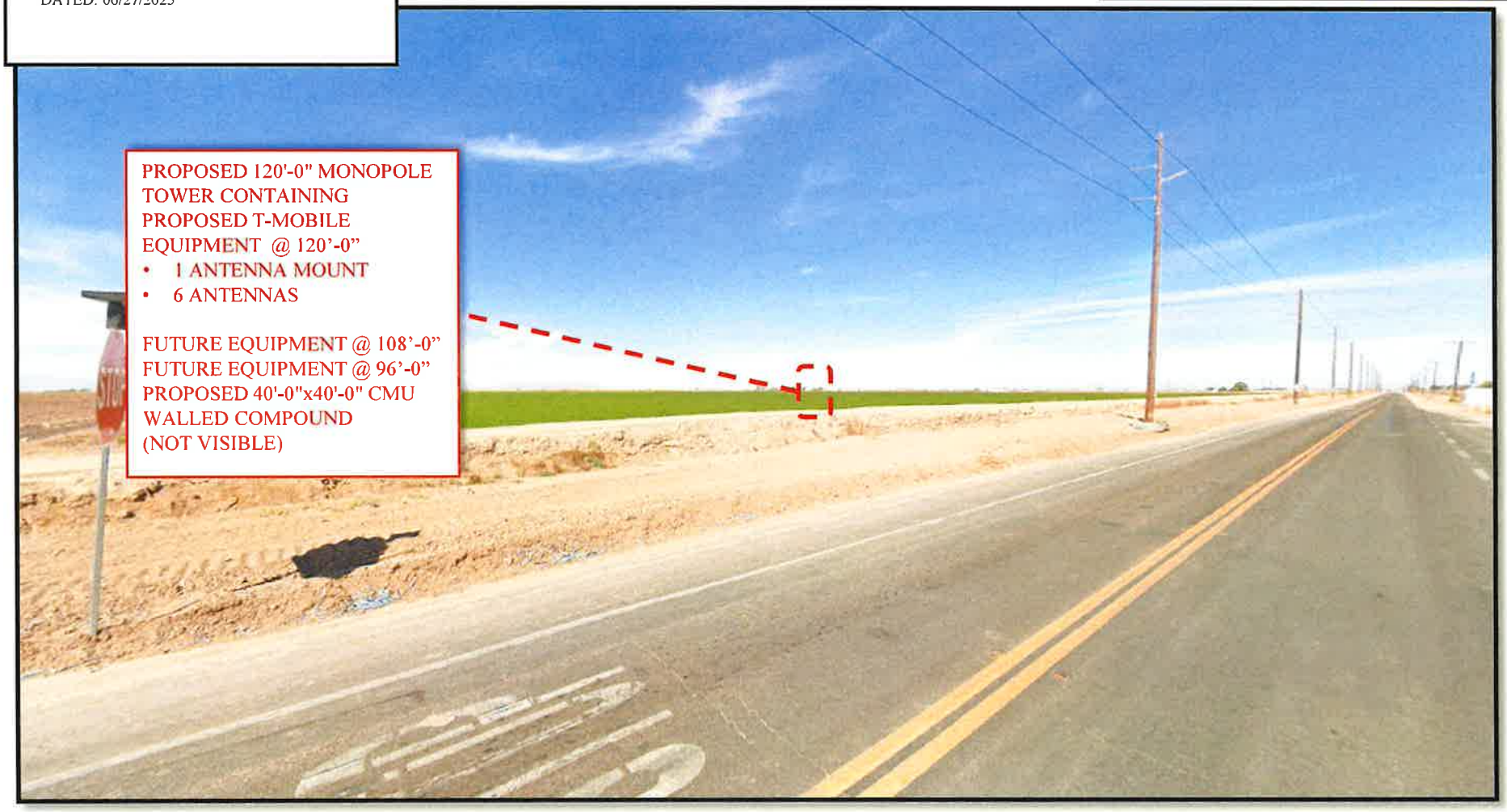
PROPOSED VIEW 3

SKYWAY TOWERS

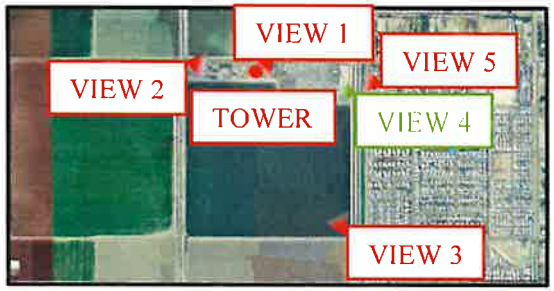
SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025





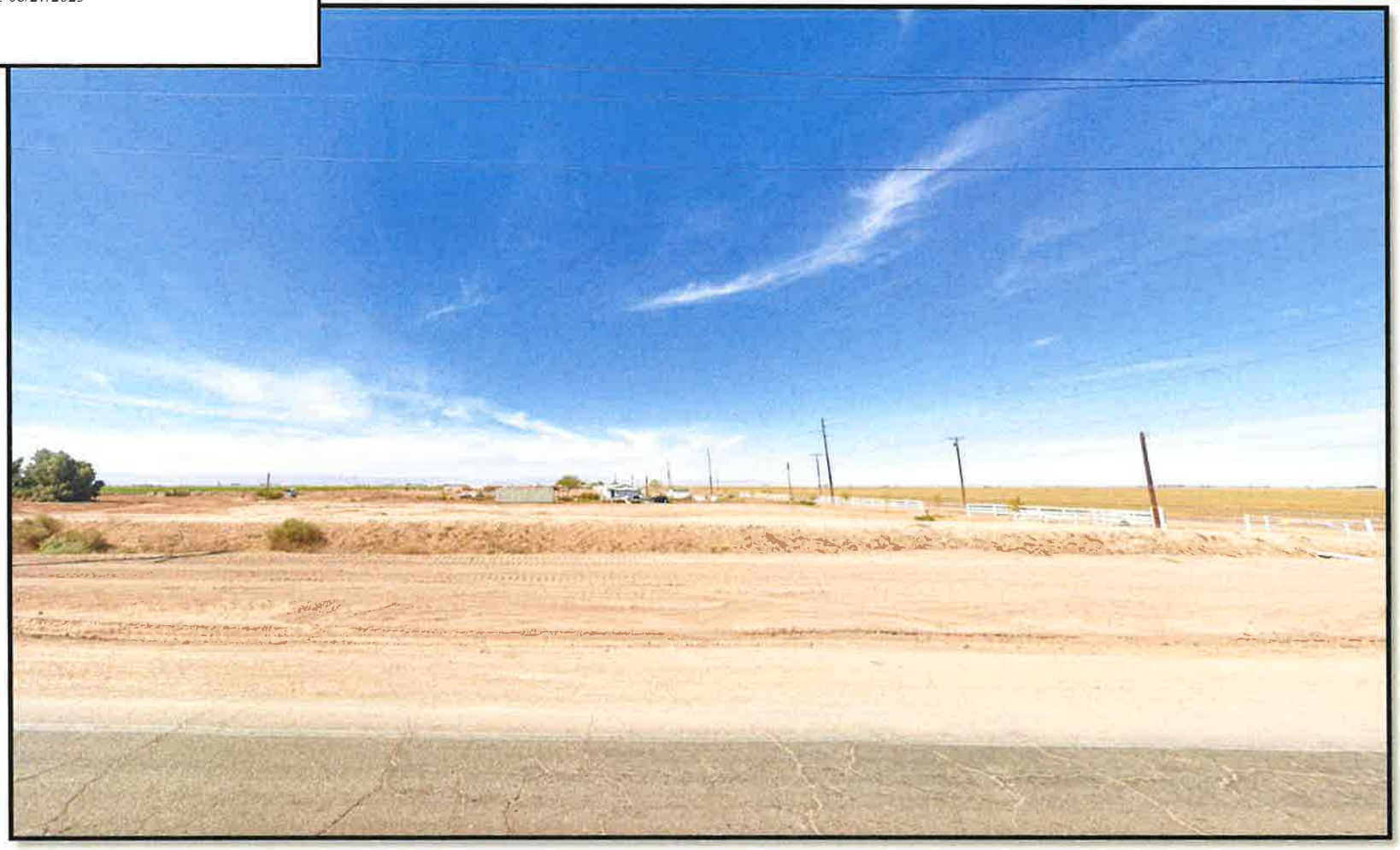
EXISTING VIEW 4



SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025

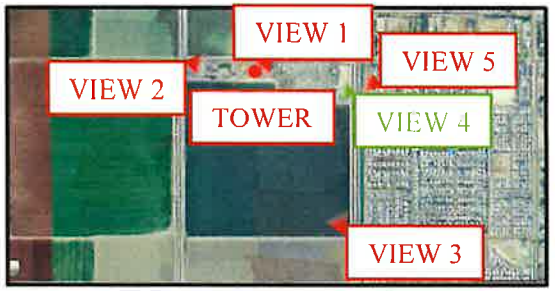


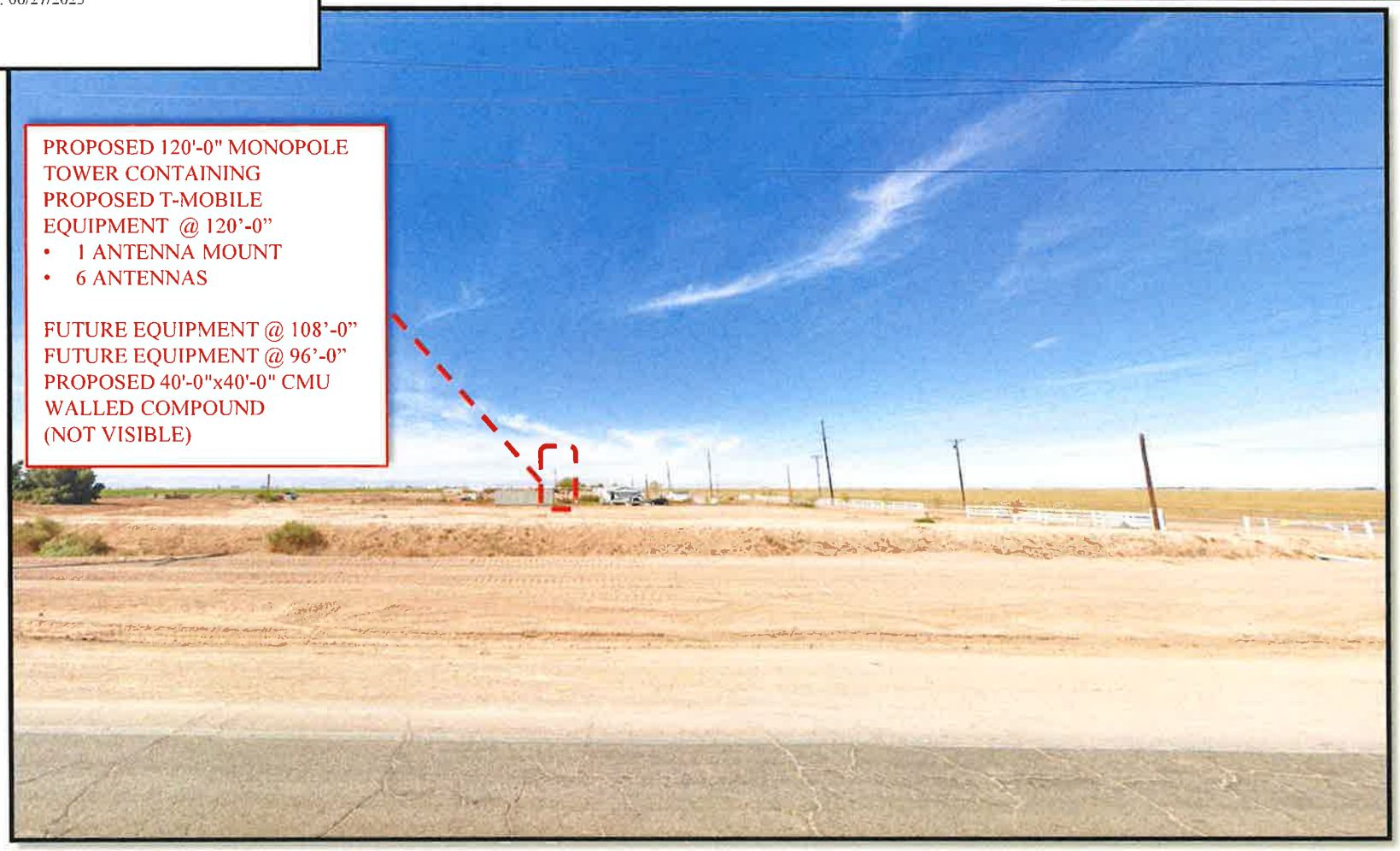
PROPOSED VIEW 4

SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025



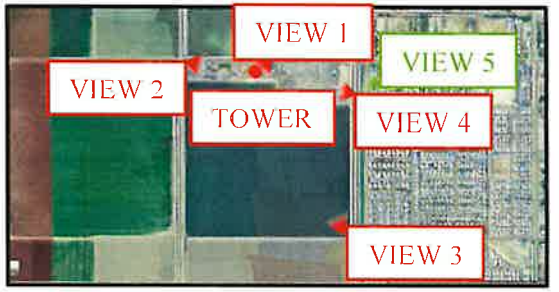


EXISTING VIEW 5

SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025



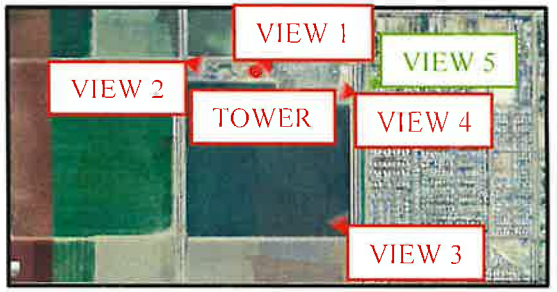


TEP

PHOTO RENDERED BY TEP

TEP

PROPOSED VIEW 5



SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025



TEP

PHOTO RENDERED BY TEP

TEP

LOCATION MAP

SKYWAY TOWERS

SKYWAY TOWERS PHOTOSIMS

DATED: 06/27/2025

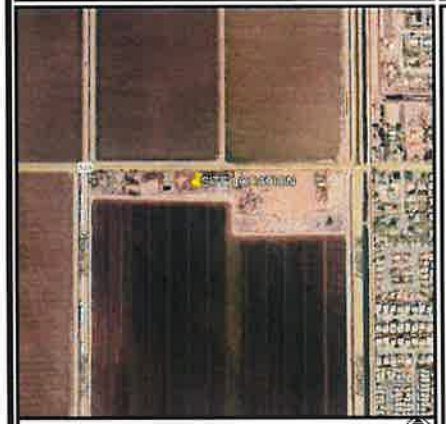


SKYWAY SITE #:	CA-00435
SITE NAME:	IMPERIAL
PROJECT DESCRIPTION:	PROPOSED WIRELESS TELECOMMUNICATION FACILITY
TOWER TYPE:	120' MONOPOLE
SITE ADDRESS:	749 WEST WORTHINGTON RD. IMPERIAL, CA 92251 (IMPERIAL COUNTY)
JURISDICTION:	IMPERIAL COUNTY
LEGAL DESCRIPTION:	PAR 2 PM 926 OF TR 51 15-13 2.89AC
LEASE AREA:	1,600 ± S.F. (0.0367 AC.)
ZONE:	A-2 (GENERAL AGRICULTURE)
PARCEL #:	062-040-075

PROJECT INFORMATION

LATITUDE N 32.846758° (NAD '83)
LONGITUDE W 115.600128° (NAD'83)
GROUND ELEV. (AMSL) -58.65' (NAVD '88)
*INFORMATION PROVIDED IN THE FORM OF A 1-A CERTIFICATION PROVIDED BY CELL SITE CONCEPTS ON JUNE 5, 2024.

1-A CERTIFICATION



LOCATION MAP

FROM IMPERIAL COUNTY AIRPORT: HEAD SOUTHEAST TOWARD N IMPERIAL AVE, TURN LEFT TOWARD AIRPORT RD, TURN RIGHT ONTO AIRPORT RD, TURN RIGHT ONTO N IMPERIAL AVE, TURN RIGHT AT THE 1ST CROSS STREET ONTO W ATEN RD, TURN RIGHT ONTO AUSTIN RD, TURN LEFT ONTO W WORTHINGTON RD.

DRIVING DIRECTIONS

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LANE
TAMPA, FL 33618

SITE NAME: CA-00435 IMPERIAL
749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

N 32.846758° W 115.600128°

TOWER OWNER AND APPLICANT:
NAME: SKYWAY TOWERS
ADDRESS: 3637 MADACA LANE
CITY, STATE, ZIP: TAMPA, FL 33618
CONTACT: JUSTIN JONES
PHONE: (813) 960-6217

SITE ACQUISITION:
NAME: TEP OPCO, LLC
ADDRESS: 2825 MILTON WAY #1719
CITY, STATE, ZIP: MILTON, WA 98354
CONTACT: MEGHAN HOWEY
PHONE: (253) 682-8556

SURVEYOR:
NAME: CELL SITE CONCEPTS
ADDRESS: 16885 VIA DEL CAMPO CT, STE 318
CITY, STATE, ZIP: SAN DIEGO, CA 92127
CONTACT: RAFI HANNA
PHONE: (858) 432-4112

CIVIL ENGINEER:
NAME: TEP
ADDRESS: 326 TRYON RD
CITY, STATE, ZIP: RALEIGH, NC 27603
CONTACT: STEPHEN BUNTING, PE
PHONE: (919) 661-6351

PROPERTY OWNER:
NAME: CALDERON HENRY F & SARA JT
ADDRESS: 749 W WORTHINGTON RD,
CITY, STATE, ZIP: IMPERIAL, CA 92251
CONTACT: UNKNOWN
PHONE: UNKNOWN

CONTACT INFORMATION

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

1. CALIFORNIA BUILDING CODE (2022 EDITION)
2. LOCAL BUILDING CODE
3. CITY/COUNTY ORDINANCES
4. ANSI/TIA/EIA-222-H
5. CALIFORNIA ELECTRIC CODE (2022 EDITION)
6. CALIFORNIA FIRE CODE (2022 EDITION)

CODE COMPLIANCE

811 Know what's below. Call before you dig.

Know what's **below.** **Call** before you dig.

THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER/SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY STATEMENT

UTILITIES:

POWER COMPANY: IMPERIAL IRRIGATION DISTRICT
CONTACT: CUSTOMER SERVICE
PHONE: (800) 303-7756

TELEPHONE COMPANY: SPECTRUM
CONTACT: CUSTOMER SERVICE
PHONE: (888) 369-2408

SHEET	DESCRIPTION	REV
T1	TITLE SHEET	2
N1	GENERAL NOTES	2
C1	OVERALL SITE PLAN	2
C2	ENLARGED SITE PLAN	2
C3	COMPOUND DETAIL	2
C4	NORTH & SOUTH TOWER ELEVATIONS	2
C5	FENCE DETAILS	2
C6	SIGNAGE DETAILS	2

INDEX OF SHEETS

PLANS PREPARED BY:

TEP
326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by: TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by: TEP OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

REV	DATE	ISSUED FOR:
2	06-10-25	ZONING
1	06-06-25	ZONING
0	09-27-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

SHEET NUMBER: T-1
REVISION: 2
TEP#: 341053.966646

1. ALL REFERENCES MADE TO OWNER IN THESE DOCUMENTS SHALL BE CONSIDERED SKYWAY TOWERS OR IT'S DESIGNATED REPRESENTATIVE.

2. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF CALIFORNIA.

3. THE STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH ANSI/TIA-222-H. THIS CONFORMS TO THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, 2022 EDITION.

4. WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, 2022 EDITION.

5. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.

6. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.

7. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND IT'S COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.

8. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.

9. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
RENTAL CHARGES, SAFETY, PROTECTION AND MAINTENANCE OF RENTED EQUIPMENT SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

11. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE LESSEE PROJECT MANAGER.

12. BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWINGS ARE INTENDED TO AID CONTRACTOR/OWNER. CONTRACTOR/OWNER SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.

13. ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.

14. 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) ENGINEER.

15. THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC.) ALL MATERIAL NOT SUITABLE FOR SUBGRADE IN ITS PRESENT STATE. AFTER REWORKING, IF THE MATERIAL REMAINS UNSUITABLE, THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL. ALL SUBGRADES SHALL BE PROOFROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIAL SHALL BE REWORKED OR REPLACED.

16. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PIPES, DITCHES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURE IN OPERABLE CONDITION.

17. THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.

18. ANY BUILDINGS ON THIS SITE ARE INTENDED TO SHELTER EQUIPMENT WHICH WILL ONLY BE PERIODICALLY MAINTAINED AND ARE NOT INTENDED FOR HUMAN OCCUPANCY.

19. TEMPORARY FACILITIES FOR PROTECTION OF TOOLS AND EQUIPMENT SHALL CONFORM TO LOCAL REGULATIONS AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

20. THE CONTRACTOR AND ITS SUBCONTRACTORS SHALL CARRY LIABILITY INSURANCE IN THE AMOUNTS AND FORM IN ACCORDANCE WITH THE LESSEE SPECIFICATIONS. CERTIFICATES DEMONSTRATING PROOF OF COVERAGE SHALL BE PROVIDED TO THE LESSEE PRIOR TO THE START OF THE WORK ON THE PROJECT.

21. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY SERVICES TO VERIFY LOCATIONS OF EXISTING UTILITIES AND REQUIREMENTS FOR NEW UTILITY CONNECTIONS PRIOR TO EXCAVATING.

22. THE CONTRACTOR SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE SITE PRIOR TO SUBSTANTIAL COMPLETION AND PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL FURNISH ONE 55 GALLON BARREL, AND TRASH BAGS, AND SHALL REMOVE TRASH, DEBRIS, ETC., ON A DAILY BASIS.

23. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS WITH THOSE AT THE SITE. ANY VARIATION WHICH REQUIRES PHYSICAL CHANGE SHALL BE BROUGHT TO THE ATTENTION OF THE SKYWAY TOWERS PROJECT ENGINEER FOR FACILITIES/CONSTRUCTION.

24. THE CONTRACTOR SHALL GUARANTEE THE WORK PERFORMED ON THE PROJECT BY THE CONTRACTOR AND ANY OR ALL OF THE SUBCONTRACTORS WHO PERFORMED WORK FOR THE CONTRACTOR ON THIS PROJECT. THE GUARANTEE SHALL BE FOR A FULL YEAR FOLLOWING ISSUANCE OF THE FINAL PAYMENT OF RETAINAGE. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.

UTILITY NOTES

1. APPLY FOR THE UTILITY SERVICE (ELECTRIC) NO LATER THAN THE NEXT BUSINESS DAY FOLLOWING AWARD OF CONTRACT. COORDINATE WITH THE ELECTRIC UTILITY COMPANY FOR EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND THE SERVICE ROUTING. COORDINATE WITH THE TELEPHONE UTILITY COMPANY FOR EXACT TELEPHONE REQUIREMENTS AND ROUTING OF SERVICE.

2. ALL UTILITY RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE UTILITY REQUIREMENTS. FIELD VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

3. THE CONTRACTOR SHALL CONTACT UTILITIES AND LOCATOR SERVICE A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION. (CA ONE-CALL 800-642-2444).

4. CONTRACTOR SHALL PROVIDE TRENCHING AND CONDUITS AS SHOWN OR AS REQUIRED BY LOCAL UTILITY.

5. NO PENETRATIONS TO THE TOWER FOUNDATION OF ANY KIND.

GENERAL NOTES

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP
326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or NR&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPOS OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:



REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY: ASD | CHECKED BY: ARD

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER: **N-1**

REVISION: 2

TEP #: 1053.432429

LEGEND

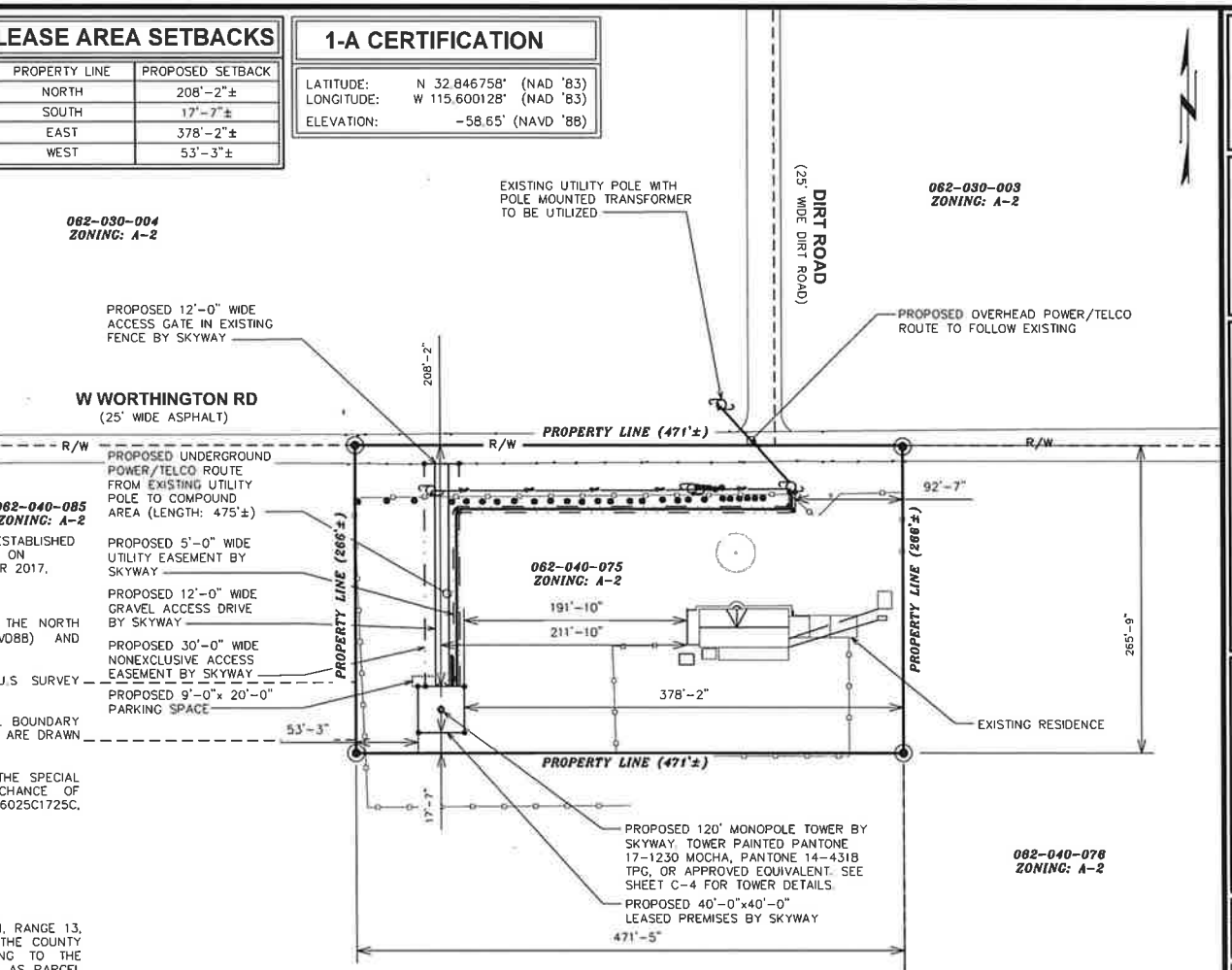
- PARENT PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING FENCE
- EXIST CONTOUR LINE
- EDGE OF PAVEMENT
- PROPERTY CORNER
- LEASE/EASEMENT CORNER
- EXISTING RIGHT OF WAY
- OVERHEAD WIRE
- BURIED TELCO
- EXISTING UTILITY POLE
- TELCO PEDESTAL
- FIBER VAULT

LEASE AREA SETBACKS

PROPERTY LINE	PROPOSED SETBACK
NORTH	208'-2"±
SOUTH	17'-7"±
EAST	378'-2"±
WEST	53'-3"±

1-A CERTIFICATION

LATITUDE: N 32.846758° (NAD '83)
LONGITUDE: W 115.600128° (NAD '83)
ELEVATION: -58.65' (NAVD '88)



NOTES:

1. GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING G.P.S. AND SURVEY GRADE PRECISION BASED ON CALVRS G.P.S. BROADCAST COORDINATE VALUES FOR 2017, NAVD 88
BENCHMARK REFERENCE: CRTN.

2. VERTICAL INFORMATION SHOWN IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND EXPRESSED IN INTERNATIONAL FEET.

3. ALL DISTANCES ARE 'GROUND' DISTANCES IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED.

4. THIS PLAN DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE PARENT PARCEL. BOUNDARY LINES ARE DRAWN FROM FIELD LOCATIONS OF FOUND MONUMENTS.

5. THE PROPERTY IS LOCATED IN ZONE 'X' OF THE SPECIAL FLOOD HAZARD AREA, AN AREA OF 0.2% CHANCE OF FLOODING; FEMA COMMUNITY PANEL NO. 06025C1725C, EFFECTIVE DATE: SEPTEMBER 26, 2008

LEGAL DESCRIPTION:

THAT PORTION OF TRACT 51, TOWNSHIP 15 SOUTH, RANGE 13, EAST, S.B.M., IN AN UNINCORPORATED AREA OF THE COUNTY OF IMPERIAL, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, SHOWN AND DESIGNATED AS PARCEL 2 OF PARCEL MAP NO. M-926 ON FILE IN BOOK 3, PAGE 82 OF PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF IMPERIAL COUNTY.

TOWER OWNER AND APPLICANT

NAME: SKYWAY TOWERS
ADDRESS: 3637 MADACA LANE
CITY, STATE, ZIP: TAMPA, FL 33618
CONTACT: JUSTIN JONES
PHONE: (813) 960-6217

EXTENDED SITE PLAN

SCALE: 1" = 100'

0 100 200
SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP
326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP CoCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or MEH Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEP08 CoCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

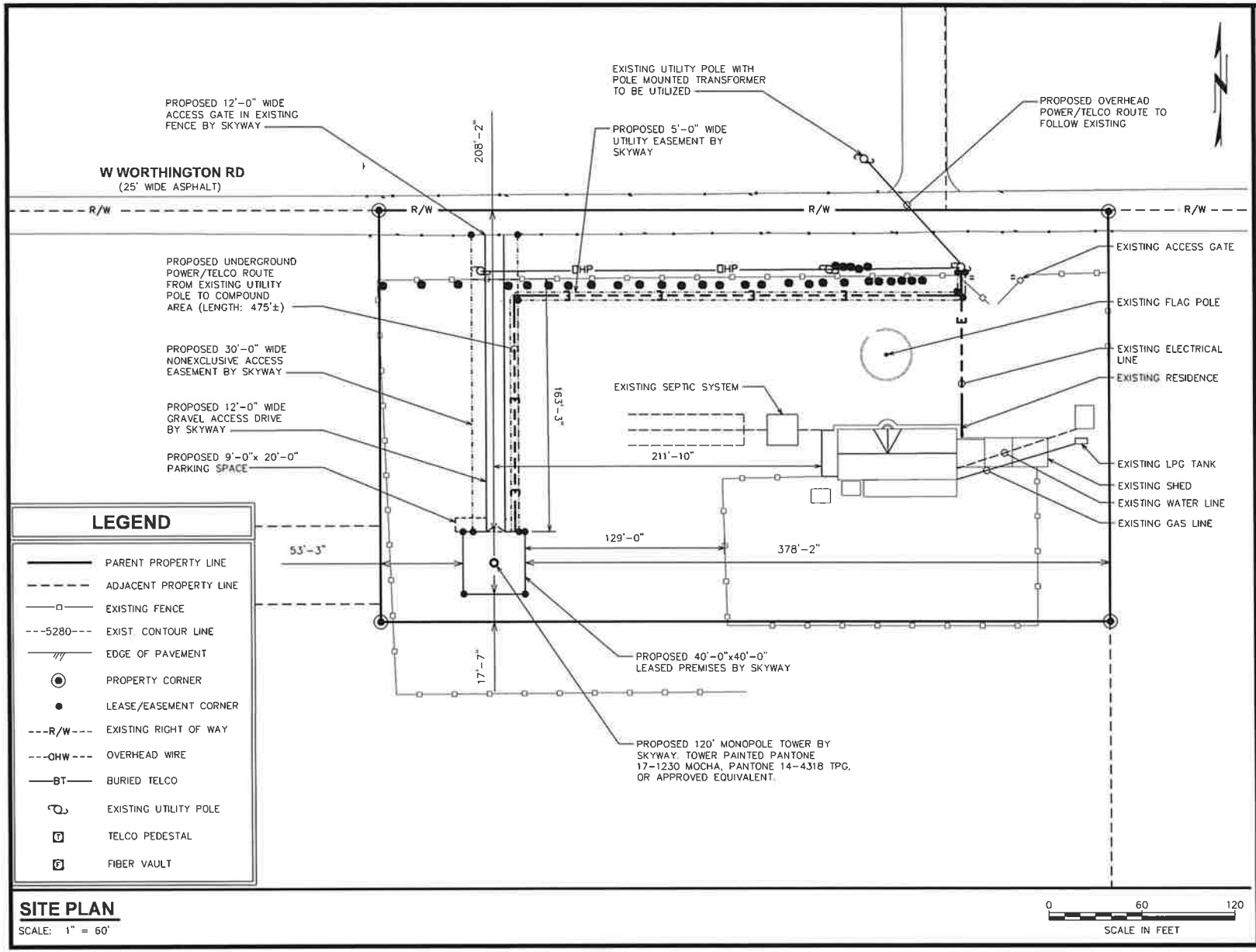
SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER: **C-1**

REVISION: 2

TEP #341053.432429



SITE PLAN

SCALE: 1" = 60'

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP
326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP Opco LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or NSEM Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPGR OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

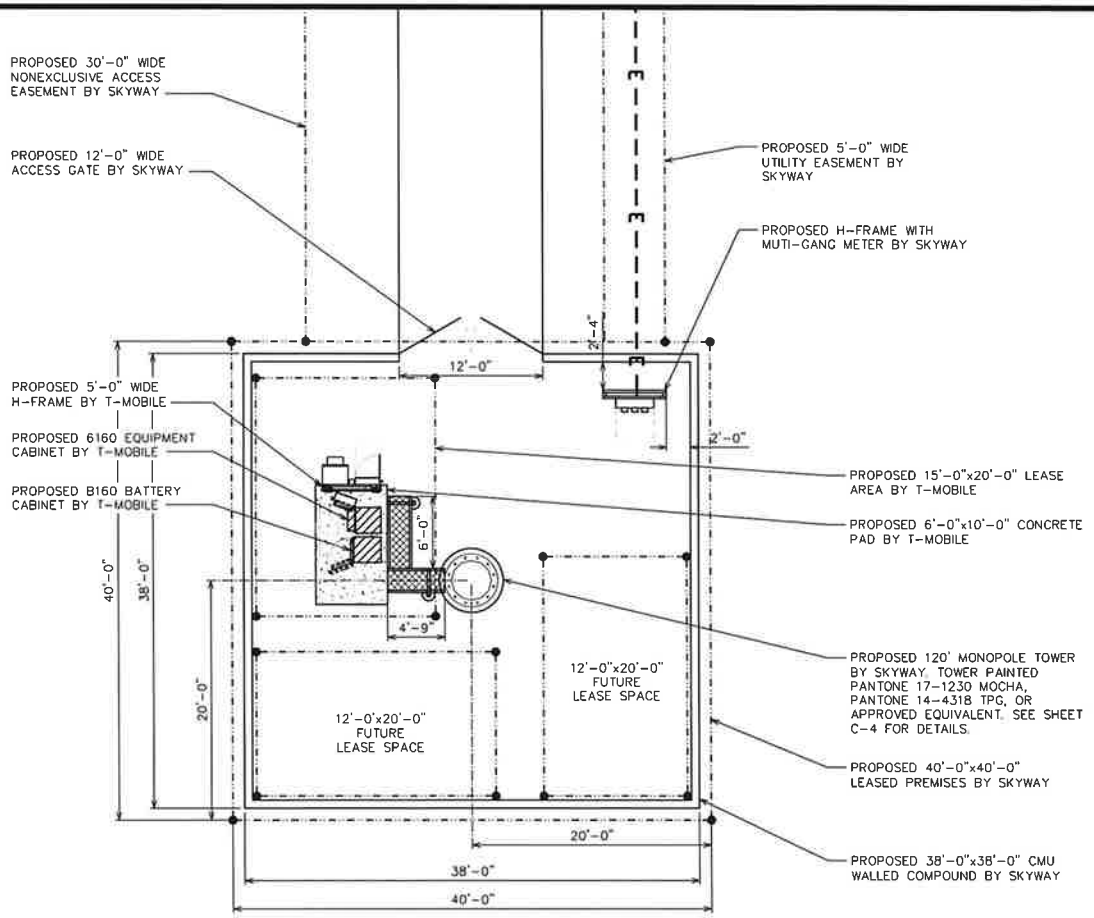
SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER: **C-2**

REVISION: 2

TEP #341053.432429



COMPOUND DETAIL

SCALE: 1" = 10'

0 10 20

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP Cal, LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or RKEH Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEP06 Cal, LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

SHEET TITLE:

COMPOUND DETAIL

SHEET NUMBER: **C-3**

REVISION: 2

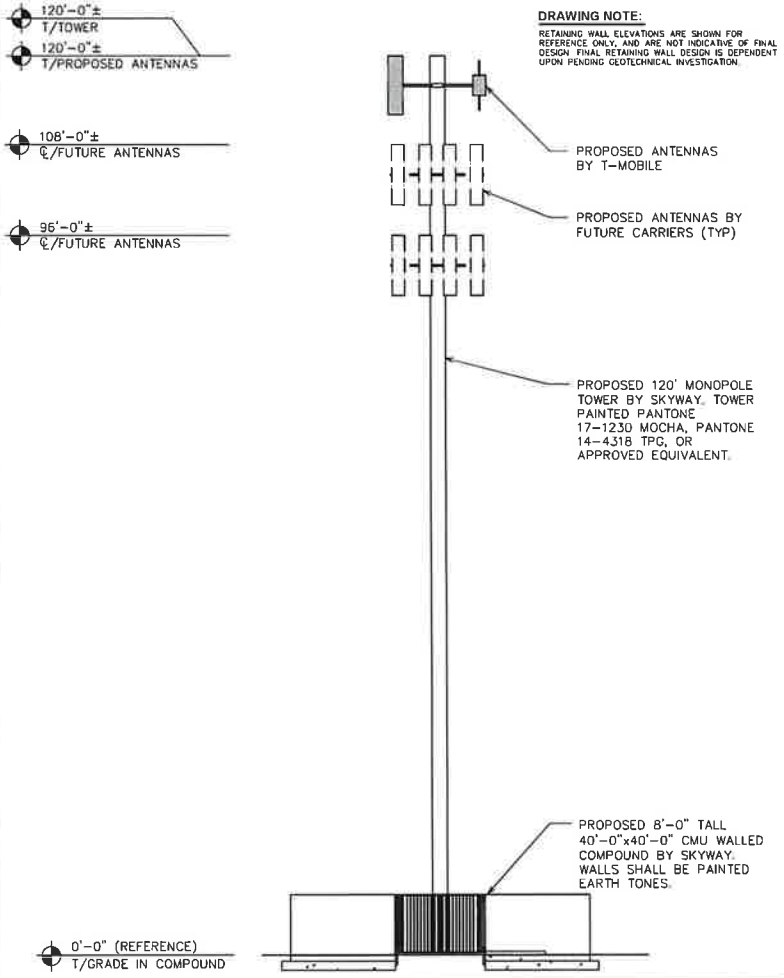
TEP # 34.053.432429

TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.

DRAWING NOTE:

RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.



NORTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

0 16 32

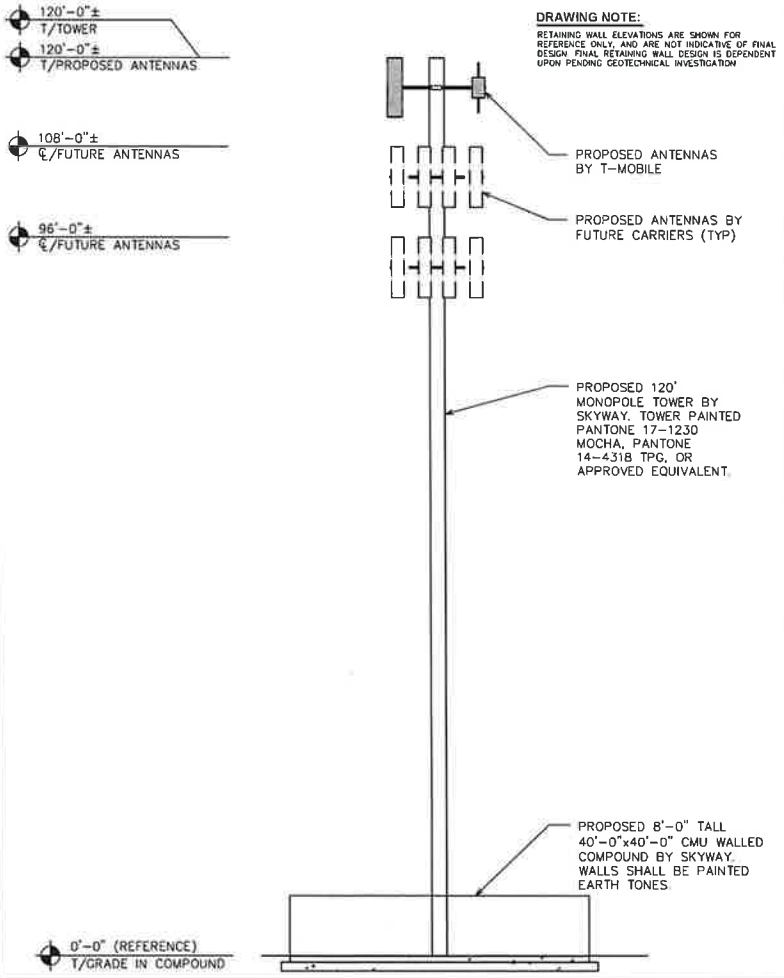
SCALE IN FEET

TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.

DRAWING NOTE:

RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.



SOUTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

0 16 32

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPDB OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

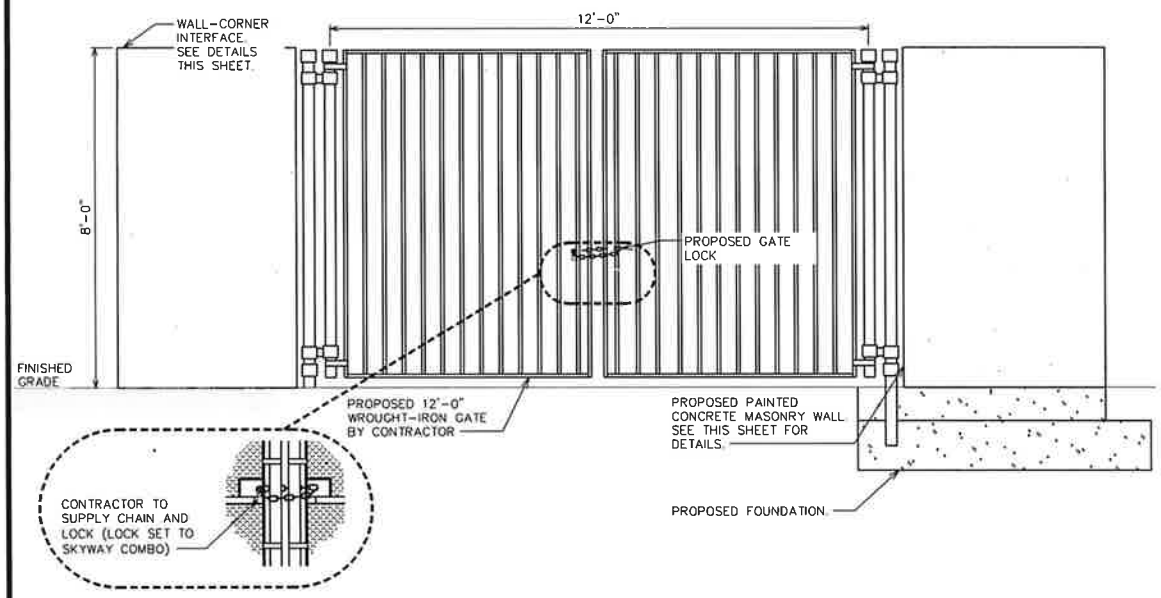
DRAWN BY:	CHECKED BY:
ASD	APJS

SHEET TITLE:

NORTH & SOUTH TOWER ELEVATIONS

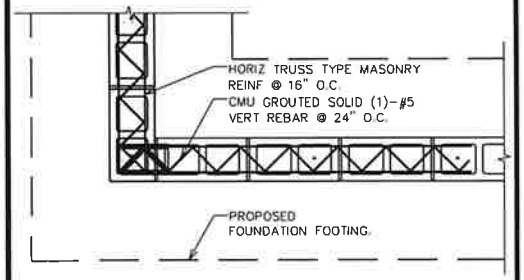
SHEET NUMBER:	REVISION:
C-4	2

TEP #241053.432429



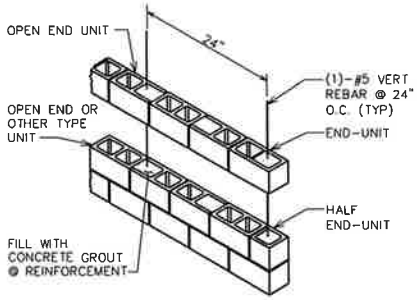
TYPICAL WALL ELEVATION

SCALE: N.T.S.



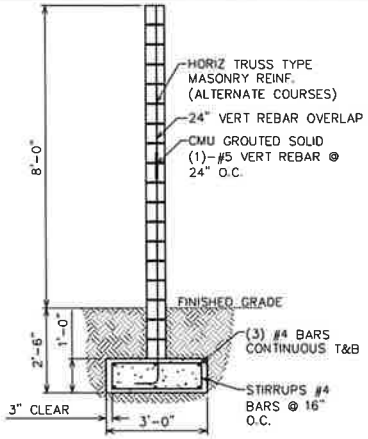
CMU WALL-CORNER INTERFACE DETAIL

SCALE: N.T.S.



CMU GROUTING & REINFORCEMENT DETAIL

SCALE: N.T.S.



CMU WALL CROSS SECTION DETAIL

SCALE: N.T.S.

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP CpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPGR CpCo LLC, a Delaware limited liability company. We assume the licensure licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY:	CHECKED BY:

SHEET TITLE:

CMU WALL DETAIL

SHEET NUMBER:	REVISION:
C-5	2

TEP #41053.432429

property of

at&t

AUTHORIZED PERSONNEL ONLY!

In case of emergency or prior to performing maintenance on this site, call 1-800-638-2822 and reference cell site number:

(1) WHITE/BLUE BACKGROUND W/ BLACK LETTERING
QUANTITY: (1)
SIZE: 9"X12"
(TO BE MOUNTED ON EQUIPMENT SHELTER DOOR ADJACENT TO COMPOUND ENTRY – SEE NOTE 3)

NOTICE

Radio Frequency fields beyond this point may exceed the FCC general public exposure limit.

OBEY ALL POSTED SIGNS AND SITE GUIDELINES FOR WORKING IN RADIO FREQUENCY ENVIRONMENTS.

In accordance with Federal Communications Commission rules on radio frequency exposure 47 CFR 1.1307(b)

(2) WHITE/BLUE BACKGROUND W/ BLACK LETTERING
QUANTITY: (1)
(TO BE MOUNTED AT EYE LEVEL ON TOWER NEAR SAFETY CLIMB)

DO NOT CLIMB TOWER WITHOUT OWNER'S WRITTEN PERMISSION

(3) WHITE BACKGROUND W/ RED LETTERING
QUANTITY: (1)
(TO BE MOUNTED AT EYE LEVEL ON TOWER NEAR SAFETY CLIMB)

000

(4) WHITE BACKGROUND W/ BLACK LETTERING
E911 STREET #
QUANTITY: (1 TYP)
LETTERS MUST BE A MINIMUM 6" TALL
(TO BE MOUNTED ON THE GATE OF COMPOUND)

(1) SITE IDENTIFICATION SIGN
(2) FCC/RF EXPOSURE SIGN
(3) TOWER CLIMBING SIGN
(4) STREET ADDRESS SIGN

(1) PROPOSED SIGNAGE DETAILS
SCALE: N.T.S.

NOTES:

1. SIGNS SHALL MEASURE 8"x12", BE FABRICATED FROM CORROSION RESISTANT PRESSED METAL, AND PAINTED WITH LONG LASTING UV RESISTANT COATINGS.
2. SIGNS (EXCEPT WHERE NOTED OTHERWISE) SHALL BE MOUNTED TO THE TOWER, GATE AND FENCE USING A MINIMUM OF 9 GAUGE ALUMINUM WIRE, HOG RINGS (AS UTILIZED IN FENCE INSTALLATIONS) OR BRACKETS WHERE NECESSARY. BRACKETS SHALL BE OF SIMILAR METAL AS THE STRUCTURE TO AVOID GALVANIC CORROSION.
3. AT&T SITE # AND EMERGENCY CONTACT # SHALL BE MOUNTED ON THE EQUIPMENT SHELTER DOOR ADJACENT TO THE COMPOUND ENTRY WITH PERMANENT SET ADHESIVE. TWO-SIDED TAPE SHALL BE UTILIZED AT EACH CORNER ON THE BACKSIDE TO AID PLACEMENT UNTIL ADHESIVE SETS.
4. ADDITIONAL E911 ADDRESS SIGNS ARE REQUIRED AT EACH ACCESS ROAD GATE LEADING TO THE COMPOUND AS WELL AS ON THE COMPOUND GATE ITSELF. LETTERING ON 911 ADDRESS SIGNS MUST BE A MINIMUM OF 6" TALL.
5. ADDITIONAL FCC REGISTRATION # SIGNS ARE REQUIRED AT EACH ACCESS ROAD GATE LEADING TO THE COMPOUND AS WELL AS ON THE COMPOUND GATE ITSELF.
6. RECOMMENDED SOURCE FOR OBTAINING SIGNAGE:

ST. CLAIR SIGNS
3184 WADE HAMPTON BLVD.
TAYLORS, SC 29687
(864) 244-0040

RF EXPOSURE SIGNS
RICHARD TELL ASSOCIATES
3433 RINGSTAR ROAD, SUITE 3
NORTH LAS VEGAS, NV 89030
(702) 645-3338

DIESEL FUEL
COMBUSTIBLE
NO SMOKING
NO OPEN FLAMES
FUEL TANK CAPACITY ___ GALS



at&t Mobility

FOR FUEL & OTHER ENVIRONMENTAL EMERGENCIES CALL EH&S 1-800-566-9347 (1-800-KNOW-EHS)

NOTE:
THESE PLACARDS ARE REQUIRED TO BE INSTALLED ON PROPOSED GENERATOR FREE OF ANY OBSTRUCTION AS TO BE CLEARLY VISIBLE WITHIN COMPOUND

(2) PROPOSED GENERATOR SIGNAGE
SCALE: N.T.S.

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

326 TYRON RD
RALEIGH, NC 27603
OFFICE: (919) 661-6531
www.tepgroup.net

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or MGH Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPGB OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

SEAL:

ZONING
DO NOT USE FOR CONSTRUCTION

REV	DATE	ISSUED FOR:
1	06-06-25	ZONING
2	06-10-25	ZONING

DRAWN BY:	CHECKED BY:

SHEET TITLE:

SIGNAGE DETAILS

SHEET NUMBER:	REVISION:
C-6	2

TEP #34.053.432429

SKYWAY TOWERS

FEDERAL COMMUNICATIONS COMMISSION (FCC)
NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)
COMPLIANCE CHECKLIST

SITE NAME: IMPERIAL (CA-00435)
PROPOSED 125-FT AGL OVERALL
MONOPOLE COMMUNICATIONS TOWER

749 WEST WORTHINGTON ROAD
IMPERIAL, CA 59039
(IMPERIAL COUNTY)

LATITUDE: N 32° 50' 48.33" ±
LONGITUDE: W 115° 36' 0.46 ±

DATE INSPECTED: AUGUST 27, 2024
DATE NEPA ISSUED: DECEMBER 2, 2024

COMPLETED BY:



TEP



TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPDB OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

Project Site Specific
FCC NEPA Compliance Checklist
Skyway Towers, LLC
Imperial (CA-00435)

December 2, 2024

TEP

Mr. Justin Jones
Skyway Towers – Project Manager

Re: **FCC NEPA Compliance Checklist**
Skyway Towers, LLC
Imperial (CA-00435)
749 West Worthington Road
Imperial, CA 59039
(Imperial County)

To Whom it May Concern,

TEP OpCo, LLC (TEP) conducted an FCC Compliance NEPA Checklist (NEPA) for the proposed construction of a **120-ft (125-ft overall) AGL monopole communications tower** for the site designated as **Imperial (CA-00435)** and is pleased to submit the findings to Skyway Towers, LLC. The proposed site is located on a parcel of real estate in **Imperial County, CA**. The parent property is occupied by a residence and undeveloped land. The surrounding properties are primarily occupied by residential, agricultural, and undeveloped land uses.

The NEPA Checklist research conducted by TEP indicates that the site is **not**: located in an officially designated wilderness area; located in an officially designated wildlife preserve; located in a floodplain and proposed to be constructed less than one foot above the base flood elevation; located in a residential zoned area and required to be equipped with high intensity white lights; and will **not**: affect threatened or endangered species or their designated critical habitats; affect districts, sites, buildings, structures or objects listed or eligible for listing on the National Register of Historic Places; or involve significant change in surface features.

TEP conducted the Section 106 of the NHPA portion of the NEPA checklist and the Native American consultation. TEP filed the proposed **Imperial (CA-00435)** site with the FCC Tower Construction Notification System (TCNS) on **08/07/2024** and was assigned TCNS Identification Number **283354**. TEP has received correspondence from, or referred to the FCC, all the applicable tribes with known ancestral and/or aboriginal rights to **Imperial County, CA** as per FCC TCNS.

On 10/02/2024, the Viejas Band of Kumeyaay Indians ("Viejas") corresponded with a request for Tribal Monitoring to take place during any and all ground disturbance activities due to the cultural sensitivity in the area and previously recorded cultural resources adjacent to the proposed project area. Therefore, TEP recommends contacting the Viejas Band of Kumeyaay Indians ("Viejas") to coordinate tribal monitoring prior to any earthmoving activities.

The results of the NEPA Checklist conducted by TEP conclude that no further investigation (i.e. NEPA Environmental Assessment) is warranted or recommended for the **Imperial (CA-00435)** site.

326 Tryon Road, Raleigh, NC 27603-3530 O) 919.661.6351 F) 919.661.6350
rmalek@tepgroup.net

December 2, 2024

TEP

This NEPA Checklist is limited to the location of the proposed **125-ft AGL overall monopole communications tower**, its associated 40-ft x 40-ft tower compound lease area to be accessed by a proposed 30-ft wide by approximately 210-ft long access easement and an associated proposed 5-ft wide by approximately 180-ft long utility easement as depicted on the "Extended Site Plan – C-1" dated 09/17/2024, which was completed by TEP for Skyway Towers, LLC. Any future or additional lease areas or access and/or utility easements not depicted on the aforementioned site plan were not assessed as part of this NEPA Checklist and are not warranted with this document.

Sincerely

Ryan A. Malek

Ryan A. Malek
Director of Environmental Regulatory Compliance
TEP OPCO, LLC

326 Tryon Road, Raleigh, NC 27603-3530 O) 919.661.6351 F) 919.661.6350
rmalek@tepgroup.net

FCC NEPA COMPLIANCE AUDIT CHECKLIST

SKYWAY TOWERS, LLC
IMPERIAL (CA-00435)
125-FT AGL OVERALL MONOPOLE TOWER
749 WEST WORTHINGTON RD.
IMPERIAL, CA 59039
IMPERIAL COUNTY

TEP

An Environmental Assessment (EA) must be filed when an applicant answers Yes to one or more of the following circumstances, and should include the specified supporting information:		
(1) Facility will be located in an officially designated wilderness area. *Federally-designated wilderness areas may be administered by federal agencies (e.g., the U.S. Forest Service (USFS), Bureau of Land Management (BLM), National Park Service (NPS), or U.S. Fish and Wildlife Service (FWS)). Wilderness areas may also be designated by state or Tribal governments.*	**Yes** ( )	**No** (X)
☐ If the facility is in a non-federal wilderness area or is in a Federal wilderness area but is not subject to review by another federal agency, an EA is required. ☐ If the facility is not in a wilderness area, include a statement to that effect. If the facility is on USFS, BLM, NPS, or FWS land, submit documentation showing that it is not within a designated wilderness area.		
(2) Facility will be located in an officially designated wildlife preserve. *A wildlife preserve may be designated in a variety of ways. Federally designated wildlife preserves include national wildlife refuges as well as some national parks, monuments, and preserves. Many states also designate preserves, protected areas, or fish and wildlife areas managed by a state Department of Fish and Game or equivalent agency. Local and Tribal governments may also designate wildlife preserves.*	**Yes** ( )	**No** (X)
☐ If the facility is in a non-federal wildlife preserve or is in a federal wildlife preserve but is not subject to review by another federal agency, an EA is required. ☐ If the proposed facility is not located in an officially designated wildlife preserve, include a statement to that effect and explain any measures taken to confirm that the site is not within a designated wildlife preserve. The applicant should cite specifically to the sections of the relevant databases, maps, references, or information from the relevant government agencies (*e.g.*, Department of the Interior).		
(3) Facility may affect listed threatened or endangered species or designated critical habitats; or is likely to jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats. *Consult FWS resources to identify when this circumstance applies. Attach to the EA any relevant correspondence with FWS, Memoranda of Agreement/Understanding, Blanket Clearance Letters, Endangered Species Act (ESA) Section 4(d) rules, or other conditions and recommendations.*	**Yes** ( )	**No** (X)
☐ If no listed[vi] or proposed[vii] threatened or endangered species or designated or proposed critical habitats[viii] are present in the county or counties where the "action area"[ix] is located, explain the basis for the applicant's determination that: (i) no listed or proposed threatened or endangered species or designated or proposed critical habitats are present within the county (or counties) of the project's action area and/or; (ii) that there would be no effect on listed or proposed threatened or endangered species or designated or proposed critical habitats within the county (or counties) of the project's action area. Provide the materials (with citations) that formed the basis for this determination (*e.g.*, maps or lists from relevant databases). In most instances, use of FWS's Information for Planning and Conservation (IPaC) database[x] will be sufficient to determine whether endangered or threatened species are present in the county or counties, although other databases sometimes contain more specific information that may be used in addition to IPaC. If IPaC data are not available for the project area, applicants should contact the appropriate local FWS Field Office. Include any correspondence from FWS indicating that no endangered or threatened species are present. ☐ If listed or proposed threatened or endangered species or designated or proposed critical habitats are present in the county or counties where the "action area" is located and would not be affected by the proposed facilities, explain how the applicant determined that there would be no effect on listed or proposed threatened or endangered species or designated or proposed critical habitats within the county (or counties) of the project's action area. Include any correspondence from FWS indicating that there would be no effect. ☐ If the applicant did not receive a letter from FWS indicating that there would be no effect, provide an informal biological assessment or a description of the protected species in the project area and an explanation of why the project will not adversely affect them, prepared by a biologist. Provide the name(s) and qualifications of the biologist(s) who prepared the biological assessment or description along with any FWS staff who may be familiar with its contents.[xi] Provide the materials (with citations) that formed the basis for the biologist's determination (*e.g.*, maps or lists from relevant databases; recommendations from state wildlife agencies or other experts). The applicant's analysis of effects must use the best scientific and commercial data available.		

- ☐ If the proposed facility may affect, but is not likely to adversely affect, listed or proposed threatened or endangered species or designated or proposed critical habitats in the action area, provide a letter from FWS concurring with the applicant's informal biological assessment. If any measures are proposed to mitigate effects on species or habitats, the EA must outline those measures with FWS concurrence. For species that require ESA 4(d) Programmatic Biological Opinions (*e.g.*, the northern long-eared bat[xii] and the American burying beetle[xiii]) the consistency letter provided by FWS needs to be included with the application.
- ☐ If the proposed facility may affect, and is likely to adversely affect, listed or proposed threatened or endangered species or listed or proposed designated critical habitats in the action area,[xiv] the applicant will need to prepare a formal biological assessment as outlined in 50 CFR § 402.01 *et seq*. The applicant should first provide the formal biological assessment to the Commission for initiation of formal consultation with the FWS. If any measures are proposed to mitigate effects on species or habitats, the EA must outline any mitigation measures from the Biological Opinion.

(4) Facility may affect districts, sites, buildings, structures or objects significant in American history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing, in the National Register of Historic Places. *Consult the Nationwide Programmatic Agreement (47 CFR Part 1, Appendix C) (NPA) to determine how to evaluate this circumstance. Summarize the results of the Section 106 consultation process in the EA. EAs should not include copies of Forms 620/621 or cultural resources reports.*	**Yes** ( )	**No** (X)

- ☐ If the proposed facility is excluded from historic preservation review under Section III of the NPA, provide a statement describing why the facilities are excluded. Facilities constructed in industrial parks, strip malls, shopping centers, and rights-of-way that are otherwise excluded under Section III.D or III.E of the NPA require a table summarizing the results of Tribal notification completed using the Tower Construction Notification System (TCNS).
- ☐ For all proposed facilities requiring Tribal notification, provide a copy of the Applicant's TCNS "Notice of Organization" list of notified Tribal Nations and a table summarizing their responses.
- ☐ For proposed facilities that would have no effect or no adverse effect on historic properties, provide a concurrence letter from the relevant State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO)[xv] or provide other documentation demonstrating how the applicant complied with the NPA.
- ☐ For proposed facilities where an adverse effect on historic properties has been mitigated with an MOA, provide a copy of the executed agreement [xvi]. A Declaratory Ruling on section 6409(a) of the Spectrum Act of 2012 (adopted 6/9/2020) clarifies, under the Commission's rules on environmental and historic preservation review, that FCC applicants do not need to submit environmental assessments based only on potential impacts to historic properties when parties have entered into a MOA to mitigate effects on those properties.

(5) Facility may affect Indian religious sites. *An applicant's documentation that it has completed the TCNS process will generally suffice to demonstrate whether the proposed construction may affect Tribal religious and cultural sites.*	**Yes** ( )	**No** (X)

- ☐ If the proposed facility might affect Indian religious sites, check with FCC staff to determine what should be included in the EA. Any information regarding historic properties or religious or sacred sites to which a Tribal Nation attributes significance may be highly confidential, private, and sensitive, and applicants should respect the wishes of the Tribal Nation with respect to the treatment of such information.

(6) Facility will be located in a floodplain, if the facility will not be placed at least one foot above the base flood elevation of the floodplain. *Provide a copy of the relevant Federal Emergency Management Agency (FEMA) map showing the location of the proposed facility relative to the 100-year floodplain. If that map is unavailable, provide the best available data.*	**Yes** ( )	**No** (X)

- ☐ If the facility will be located in a floodplain and elevated at least one foot above the base flood elevation of the floodplain, provide documentation that the proposed structure and associated equipment will be at least one foot above the floodplain (*e.g.*, local building permit, construction plans).
- ☐ If the facility will be located in a floodplain and will not be elevated at least one foot above the base flood elevation of the floodplain,[xvii] provide an explanation of (i) why the facility (including equipment) will not be elevated and (ii) evidence of measures to be taken to ensure resilience in the event of floods and mitigation of impacts to the floodplain.

(7) Facility construction will involve significant change in surface features (*e.g.*, wetland fill, deforestation, significant tree removal, or water diversion).	**Yes** ( )	**No** (X)

- ☐ If the proposed facility and associated construction, including trenching, will cause any substantial change in the character of the land used or in surface features, describe the nature and extent of the change, and discuss any efforts to mitigate these changes.[xviii] Examples of substantial change may include clearing trees, vegetation, desert crust, shrubland, or topsoil to an extent that would cause a clearly detectable change in a forest or ecological community and may have an appreciable impact on that community; the diversion of a water course; and wetland fill.
- ☐ If the facility is located in a wetland, provide a copy of the permit or permits the applicant or its consultant received from the U.S. Army Corps of Engineers or other permitting authority authorizing the construction of the proposed antenna structure.
- ☐ If the facility is not located in a wetland, provide a copy of the section of a map showing that the proposed antenna structure and associated equipment will not be located in a wetland. The Applicant should use FWS's National Wetlands Inventory maps and/or best available data.

(8) Facility (antenna tower and/or supporting structures) will be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.	**Yes** ( )	**No** (X)
☐ If the facility will be equipped with high intensity white lights and located in a residentially zoned neighborhood, the EA must address the impact of the lighting to residents.[xix] ☐ If the facility will be equipped with high intensity white lights but will not be located in a residentially zoned neighborhood, provide documentation of the location's zoning classification or explain the absence of zoning. ☐ If the facility will not be equipped with high intensity white lights (*i.e.*, FAA Lighting Style B, C, F, or G), document the lighting style to be used (if any).[xx]		
(9) Facility would cause human exposure to levels of radiofrequency radiation in excess of Commission-adopted guidelines.	**Yes** ( )	**No** (X)
☐ For facilities that do not qualify for an exemption pursuant to § 1.1307(b)(3), applicants must prepare an evaluation of human exposure to radiofrequency radiation confirming compliance with the limits in § 1.1310. Mitigation actions are required to the extent necessary to ensure compliance with the limits pursuant to § 1.1307(b)(4). An EA is required for facilities that will exceed the limits set out in § 1.1310.[xxi]		
(10) Facility will be over 450 feet above ground level (AGL). *New construction of a tower over 450 feet AGL,[xxii] replacement of a tower over 450 AGL that involves a substantial increase in size to the original tower, modification of an existing tower over 450 feet AGL that constitute a substantial increase in size of a tower,[xxiii] or certain lighting changes to a tower over 450 feet AGL[xxiv] require an EA addressing the proposed facility's effects on migratory birds. Consult FWS guidelines for information on avoiding adverse effects to migratory birds.*	**Yes** ( )	**No** (X)
☐ Document the location of the project in relation to wetlands, other Programmatic Environmental Assessment-identified locational features, National Wildlife Refuges, National Audubon Society Important Bird Areas (IBAs), Habitat Conservation Plan (HCP) areas, and other areas that may be environmentally sensitive for migratory birds. Applicant should cite specifically to the sections of relevant databases, maps, references, or to information from relevant government agencies (*e.g.*, Department of the Interior). ☐ If applicable, explain how the applicant will provide lighting under the proposed tower and associated buildings. No lighting or motion-sensor lighting is preferred. ☐ Explain how the applicant determined whether there are Bald Eagle or Golden Eagle nests within 0.5 miles of the proposed antenna structure. ☐ If the proposed facility requires mitigation, or any measures are proposed to mitigate effects on migratory bird species or habitats, describe such measures. Include copies of any Blanket Clearance Letters, Memoranda of Agreement/Understanding, and other FWS conditions or recommendations, as well as any conditions or recommendations of state wildlife agencies. ☐ If the proposed facility will include steady-burning lights, explain the reasons for using such lighting.		
TEP OPCO, LLC Print Name: Ryan A. Malek	Date: December 2, 2024 Signature: Ryan A. Malek	

The following provides additional information concerning each item on the checklist.

1. Designated Wilderness Areas – Based on a review of the National Wilderness Institute Map of Wilderness Areas, the US National Wilderness Preservation System Map webmapper, the National Park Service map of National Natural Landmarks, the Wild & Scenic Rivers webmapper, and the National Scenic and Historic Trails webmapper, the proposed tower site is not located within an officially designated wilderness area.

2. Designated Wildlife Preserves – Based on a review of the US Fish and Wildlife Service: National Wildlife Refuge System Map and applicable state wildlife preserve maps, the proposed tower site is not located within an officially designated wildlife preserve.

3A. Threatened and Endangered Species or Designated Critical Habitats – Based on a review of the U.S. Fish & Wildlife Service - Official Species List for the project (Project Code: 2024-0136568) dated September 19, 2024, data received from the California Department of Fish & Wildlife, and an on-site investigation, the proposed project will have no effect on federally threatened or endangered species or critical habitats identified as potentially occurring at the proposed project area. Please see Attachment 3 for a copy of TEP's Informal Biological Assessment.

3B. Proposed Threatened or Endangered Species or Proposed Critical Habitats - Based on a review of the USFWS Official Species List (Project Code: 2024-0136568) dated September 19, 2024, no (0) federally proposed threatened or endangered species or proposed critical habitats were identified within the vicinity of the proposed project area.

4. Historical Places – Based on the results of our coordination with the Imperial County Planning & Zoning, the City of Imperial Planning Commission, the Imperial Valley Historical Society, and the California Department of Parks & Recreation Office of Historic Preservation (CA SHPO), there are no historic properties listed on or eligible for listing on the National Register of Historic Places within the FCC-designated area of potential effect (APE).

5. Indian Religious Sites – Based upon a review of available information obtained from the SHPO, the California Native American Heritage Commission, the Native American Consultative Database, the Bureau of Indian Affairs-Indian Reservations in the Continental United States, dated 5/96, and the responses to the FCC-Tower Construction Notification System (TCNS) #283354 filed 8/7/2024; no known Native American religious sites will be affected by the proposed tower site.

   However, on 10/02/2024, the Viejas Band of Kumeyaay Indians ("Viejas") corresponded with a request for Tribal Monitoring to take place during any and all ground disturbance activities due to the cultural sensitivity in the area and previously recorded cultural resources adjacent to the proposed project area. Therefore, TEP recommends contacting the Viejas Band of Kumeyaay Indians ("Viejas") to coordinate tribal monitoring prior to any earthmoving activities.

6. Floodplains – Based on a review of the floodplain map of the area (FEMA Flood Insurance Rate Map (FIRM) Community-Panel No. 06025C1725C, effective 9/26/2008 of Imperial County, CA) the proposed tower site is located within Zone X – areas of minimal flood hazard determined to be outside of the 500-year floodplain and is not located within a special flood hazard area (SFHA).

7. Surface Features – Based on a review of the U.S. Fish and Wildlife Service National Wetland Inventory (NWI) map of the area, the pertinent USGS topographic quadrangle, and an on-site inspection on August 27, 2024, by TEP personnel, the construction of the proposed tower is not anticipated to result in a significant change or modification to surface features such as fill in jurisdictional wetlands, deforestation, or water diversion.

8. High Intensity White Lights – The proposed tower is a 125-ft AGL overall monopole tower, is anticipated to be an unlit structure, and is not located in a residential neighborhood.

9. Radio Frequency Emissions – The scope of this FCC NEPA Checklist did not include an evaluation of the human exposure to RF radiation pursuant to 47 CFR Section 1.1310. FCC licensees transmitting from antennas mounted on this antenna structure are required to comply with radio frequency exposure standards.

10. Towers Over 450-ft Above Ground Level – The proposed tower is a 125-ft AGL overall monopole communications tower, therefore an EA regarding the facility's effects on migratory birds is not required.

Federal Communications Commission (FCC)

National Environmental Policy Act (NEPA) Compliance Checklist

Table of Contents

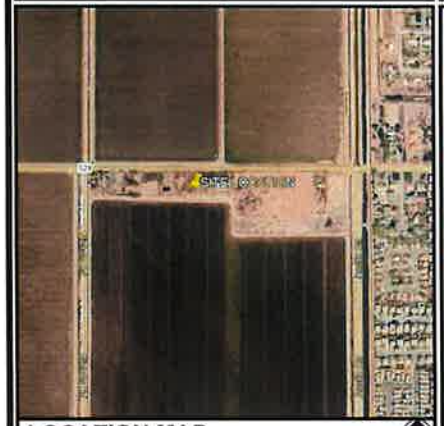
Content	Page #
Project Site Plans	**11**
Attachment 1 – Officially Designated Wilderness Areas	**17**
Attachment 2 – Officially Designated Wildlife Preserves	**30**
Attachment 3 – Listed & Proposed Threatened and Endangered Species	**33**
USFWS / State Wildlife Response and/or Informal Biological Assessment	***34***
Attachment 4 – Section 106 of the National Historic Preservation Act – State Historic Preservation Office Consultation	**46**
SHPO Response / Concurrence	***47***
S106 Public Notice Affidavit	***106***
Attachment 5 – Section 106 of the National Historic Preservation Act – Tribal Consultation	**123**
Attachment 6 – Floodplains	**148**
Attachment 7 – Surface Features (e.g., Wetlands, Deforestation, Water Diversion)	**150**
Attachment 8 – Radiofrequency Radiation Exposure Documentation (if applicable)	**NA**

SKYWAY SITE #:	CA-00435
SITE NAME:	IMPERIAL
PROJECT DESCRIPTION:	PROPOSED WIRELESS TELECOMMUNICATION FACILITY
TOWER TYPE:	120' MONOPOLE
SITE ADDRESS:	749 WEST WORTHINGTON RD. IMPERIAL, CA 00435 (IMPERIAL COUNTY)
JURISDICTION:	IMPERIAL COUNTY
LEGAL DESCRIPTION:	PAR 2 PM 926 OF TR 51 15-13 2.89AC
LEASE AREA:	1,600 ± S.F. (0.0367 AC.)
ANTICIPATED CONSTRUCTION COST :	T.B.D.
PROPERTY CATEGORY:	RP - REAL PROPERTY
PROPERTY TYPE:	A-2 - AGRICULTURE
PARCEL #:	062-040-075

PROJECT INFORMATION

LATITUDE N 32.846758° (NAD '83)
LONGITUDE W 115.600128° (NAD'83)
GROUND ELEV. (AMSL) -58.65' (NAVD '88)
*INFORMATION PROVIDED IN THE FORM OF A 1-A CERTIFICATION PROVIDED BY CELL SITE CONCEPTS ON JUNE 5, 2024.

1-A CERTIFICATION



LOCATION MAP

FROM IMPERIAL COUNTY AIRPORT: HEAD SOUTHEAST TOWARD N IMPERIAL AVE, TURN LEFT TOWARD AIRPORT RD, TURN RIGHT ONTO AIRPORT RD, TURN RIGHT ONTO N IMPERIAL AVE, TURN RIGHT AT THE 1ST CROSS STREET ONTO W ATEN RD, TURN RIGHT ONTO AUSTIN RD, TURN LEFT ONTO W WORTHINGTON RD.

DRIVING DIRECTIONS

PLANS PREPARED FOR:

SKYWAY TOWERS

3637 MADACA LANE
TAMPA, FL 33618

SITE NAME: CA-00435 IMPERIAL
749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

N 32.846758° W 115.600128°

TOWER OWNER:
NAME: SKYWAY TOWERS
ADDRESS: 3637 MADACA LANE
CITY, STATE, ZIP: TAMPA, FL 33618
CONTACT: JUSTIN JONES
PHONE: (813) 960-6217

SITE ACQUISITION:
NAME: TEP OPCO, LLC
ADDRESS: 4710 E ELWOOD ST, STE 9
CITY, STATE, ZIP: PHOENIX, AZ 85040
CONTACT: JEN KELLY
PHONE: (480) 220-6022

SURVEYOR:
NAME: CELL SITE CONCEPTS
ADDRESS: 16885 VIA DEL CAMPO CT, STE 318
CITY, STATE, ZIP: SAN DIEGO, CA 92127
CONTACT: RAFI HANNA
PHONE: (858) 432-4112

CIVIL ENGINEER:
NAME: TEP OPCO, LLC
ADDRESS: 4710 E ELWOOD ST, STE 9
CITY, STATE, ZIP: PHOENIX, AZ 85040
CONTACT: STEPHEN BUNTING, PE
PHONE: (919) 661-6351

PROPERTY OWNER:
NAME: CALDERON HENRY F & SARA JT
ADDRESS: 749 W WORTHINGTON RD,
CITY, STATE, ZIP: IMPERIAL, CA 92251
CONTACT: UNKNOWN
PHONE: UNKNOWN

CONTACT INFORMATION

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

1. CALIFORNIA BUILDING CODE (2022 EDITION)
2. LOCAL BUILDING CODE
3. CITY/COUNTY ORDINANCES
4. ANSI/TIA/EIA-222-H
5. CALIFORNIA ELECTRIC CODE (2022 EDITION)
6. CALIFORNIA FIRE CODE (2022 EDITION)

CODE COMPLIANCE

811 Know what's below. Call before you dig.

Know what's **below.** **Call** before you dig.

THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER/ SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY STATEMENT

UTILITIES:
POWER COMPANY: IMPERIAL IRRIGATION DISTRICT
CONTACT: CUSTOMER SERVICE
PHONE: (800) 303-7756

TELEPHONE COMPANY: SPECTRUM
CONTACT: CUSTOMER SERVICE
PHONE: (888) 369-2408

SHEET	DESCRIPTION	REV
T1	TITLE SHEET	0
N1	GENERAL NOTES	0
C1	EXTENDED SITE PLAN	0
C2	SITE PLAN	0
C3	COMPOUND DETAIL	0
C4	NORTH & SOUTH TOWER ELEVATIONS	0
C5	ANTENNA PLAN & SCHEDULE	0
C6	FENCE DETAILS	0

INDEX OF SHEETS

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD CHECKED BY: ARB

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

SEAL:

SHEET NUMBER: T-1

REVISION: 0

TEP #: 341053.960640

1. ALL REFERENCES MADE TO OWNER IN THESE DOCUMENTS SHALL BE CONSIDERED SKYWAY TOWERS OR IT'S DESIGNATED REPRESENTATIVE.
2. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF CALIFORNIA.
3. THE STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH ANSI/TIA-222-H. THIS CONFORMS TO THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, 2022 EDITION.
4. WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, 2022 EDITION.
5. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
6. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
7. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND IT'S COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
8. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
9. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
RENTAL CHARGES, SAFETY, PROTECTION AND MAINTENANCE OF RENTED EQUIPMENT SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
11. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE LESSEE PROJECT MANAGER.
12. BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWINGS ARE INTENDED TO AID CONTRACTOR/OWNER. CONTRACTOR/OWNER SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
13. ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
14. 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) ENGINEER.
15. THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC.) ALL MATERIAL NOT SUITABLE FOR SUBGRADE IN ITS PRESENT STATE. AFTER REWORKING, IF THE MATERIAL REMAINS UNSUITABLE, THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL. ALL SUBGRADES SHALL BE PROOFROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIAL SHALL BE REWORKED OR REPLACED.
16. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PIPES, DITCHES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURE IN OPERABLE CONDITION.
17. THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.
18. ANY BUILDINGS ON THIS SITE ARE INTENDED TO SHELTER EQUIPMENT WHICH WILL ONLY BE PERIODICALLY MAINTAINED AND ARE NOT INTENDED FOR HUMAN OCCUPANCY.
19. TEMPORARY FACILITIES FOR PROTECTION OF TOOLS AND EQUIPMENT SHALL CONFORM TO LOCAL REGULATIONS AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
20. THE CONTRACTOR AND ITS SUBCONTRACTORS SHALL CARRY LIABILITY INSURANCE IN THE AMOUNTS AND FORM IN ACCORDANCE WITH THE LESSEE SPECIFICATIONS. CERTIFICATES DEMONSTRATING PROOF OF COVERAGE SHALL BE PROVIDED TO THE LESSEE PRIOR TO THE START OF THE WORK ON THE PROJECT.
21. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY SERVICES TO VERIFY LOCATIONS OF EXISTING UTILITIES AND REQUIREMENTS FOR NEW UTILITY CONNECTIONS PRIOR TO EXCAVATING.
22. THE CONTRACTOR SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE SITE PRIOR TO SUBSTANTIAL COMPLETION AND PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL FURNISH ONE 55 GALLON BARREL, AND TRASH BAGS, AND SHALL REMOVE TRASH, DEBRIS, ETC., ON A DAILY BASIS.
23. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS WITH THOSE AT THE SITE. ANY VARIATION WHICH REQUIRES PHYSICAL CHANGE SHALL BE BROUGHT TO THE ATTENTION OF THE SKYWAY TOWERS PROJECT ENGINEER FOR FACILITIES/CONSTRUCTION.
24. THE CONTRACTOR SHALL GUARANTEE THE WORK PERFORMED ON THE PROJECT BY THE CONTRACTOR AND ANY OR ALL OF THE SUBCONTRACTORS WHO PERFORMED WORK FOR THE CONTRACTOR ON THIS PROJECT. THE GUARANTEE SHALL BE FOR A FULL YEAR FOLLOWING ISSUANCE OF THE FINAL PAYMENT OF RETAINAGE. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.

UTILITY NOTES

1. APPLY FOR THE UTILITY SERVICE (ELECTRIC) NO LATER THAN THE NEXT BUSINESS DAY FOLLOWING AWARD OF CONTRACT. COORDINATE WITH THE ELECTRIC UTILITY COMPANY FOR EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND THE SERVICE ROUTING. COORDINATE WITH THE TELEPHONE UTILITY COMPANY FOR EXACT TELEPHONE REQUIREMENTS AND ROUTING OF SERVICE.
2. ALL UTILITY RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE UTILITY REQUIREMENTS. FIELD VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL CONTACT UTILITIES AND LOCATOR SERVICE A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION. (CA ONE-CALL 800-642-2444).
4. CONTRACTOR SHALL PROVIDE TRENCHING AND CONDUITS AS SHOWN OR AS REQUIRED BY LOCAL UTILITY.
5. NO PENETRATIONS TO THE TOWER FOUNDATION OF ANY KIND.

PLANS PREPARED FOR:
SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:
TEP
TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER: **N-1**

REVISION: 0

TEP #241053.968646

LEGEND

- PARENT PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING FENCE
- EXIST. CONTOUR LINE
- EDGE OF PAVEMENT
- PROPERTY CORNER
- LEASE/EASEMENT CORNER
- EXISTING RIGHT OF WAY
- OVERHEAD WIRE
- BURIED TELCO
- EXISTING UTILITY POLE
- TELCO PEDESTAL
- FIBER VAULT

TOWER SETBACKS

PROPERTY LINE	PROPOSED SETBACK
NORTH	228'-1"±
SOUTH	37'-7"±
EAST	398'-2"±
WEST	73'-4"±

1-A CERTIFICATION

LATITUDE:	N 32.846758° (NAD '83)
LONGITUDE:	W 115.600128° (NAD '83)
ELEVATION:	-58.65' (NAVD '88)

NOTES:

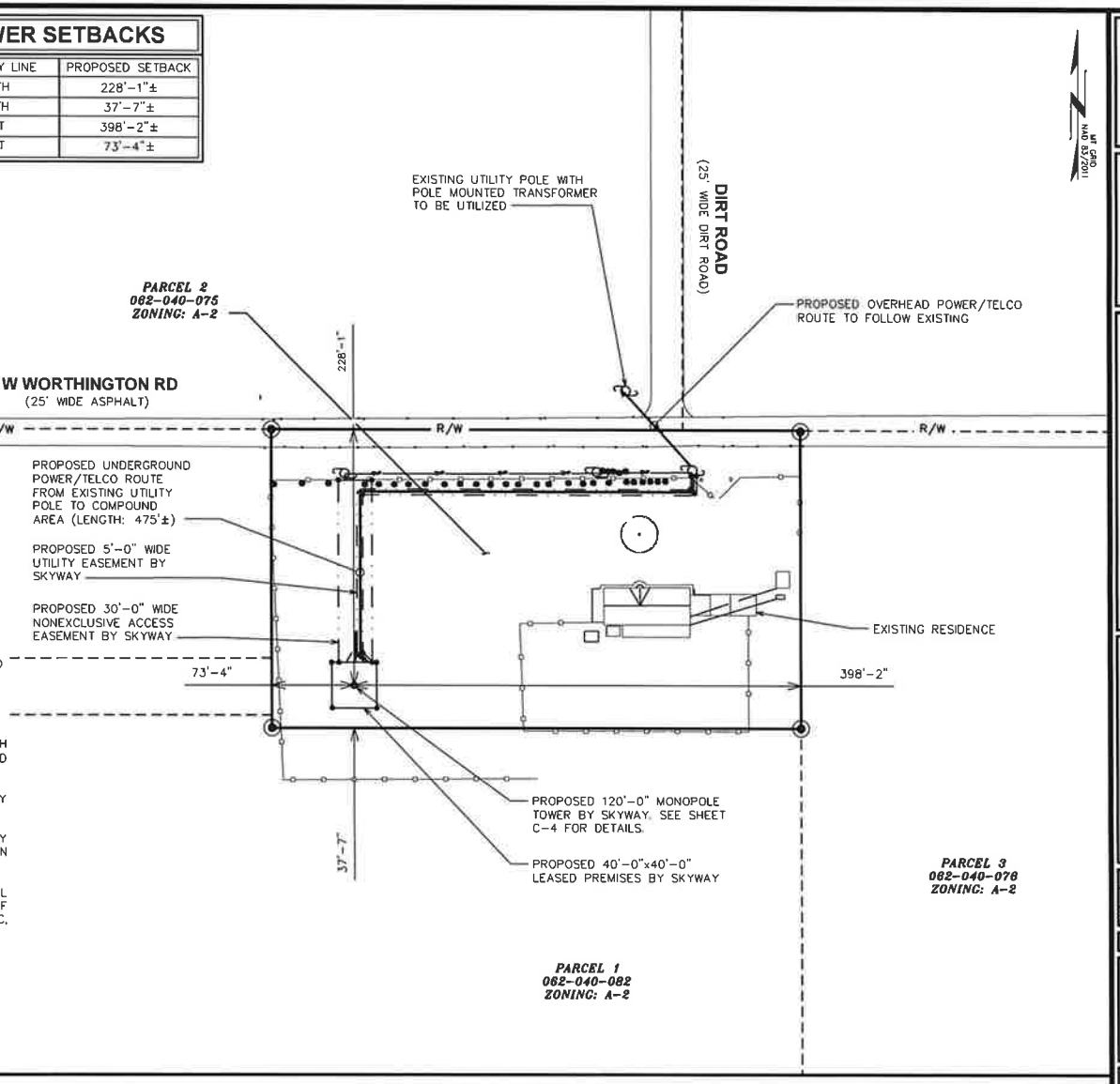
1. GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING G.P.S. AND SURVEY GRADE PRECISION BASED ON CALVRS G.P.S. BROADCAST COORDINATE VALUES FOR 2017, NAVD 88
BENCHMARK REFERENCE: CRTN.

2. VERTICAL INFORMATION SHOWN IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND EXPRESSED IN INTERNATIONAL FEET.

3. ALL DISTANCES ARE 'GROUND' DISTANCES IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED.

4. THIS PLAN DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE PARENT PARCEL. BOUNDARY LINES ARE DRAWN FROM FIELD LOCATIONS OF FOUND MONUMENTS.

5. THE PROPERTY IS LOCATED IN ZONE 'X' OF THE SPECIAL FLOOD HAZARD AREA, AN AREA OF 0.2% CHANCE OF FLOODING; FEMA COMMUNITY PANEL NO. 06025C1725C, EFFECTIVE DATE: SEPTEMBER 26, 2008.



EXTENDED SITE PLAN

SCALE: 1" = 100'

0 100 200

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

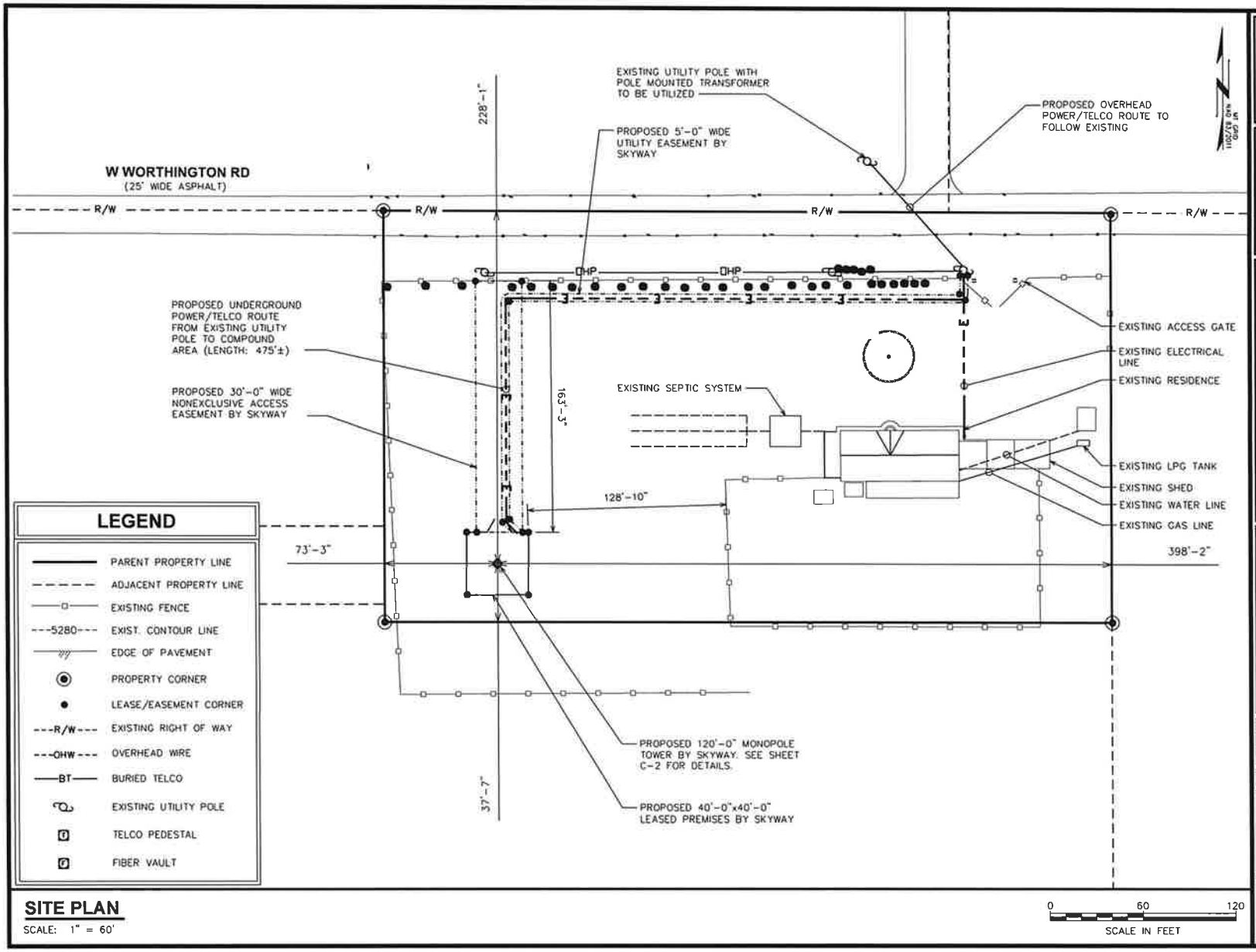
SHEET TITLE:

EXTENDED SITE PLAN

SHEET NUMBER: **C-1**

REVISION: **0**

TEP 341053.508040



SITE PLAN

SCALE: 1" = 60'

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

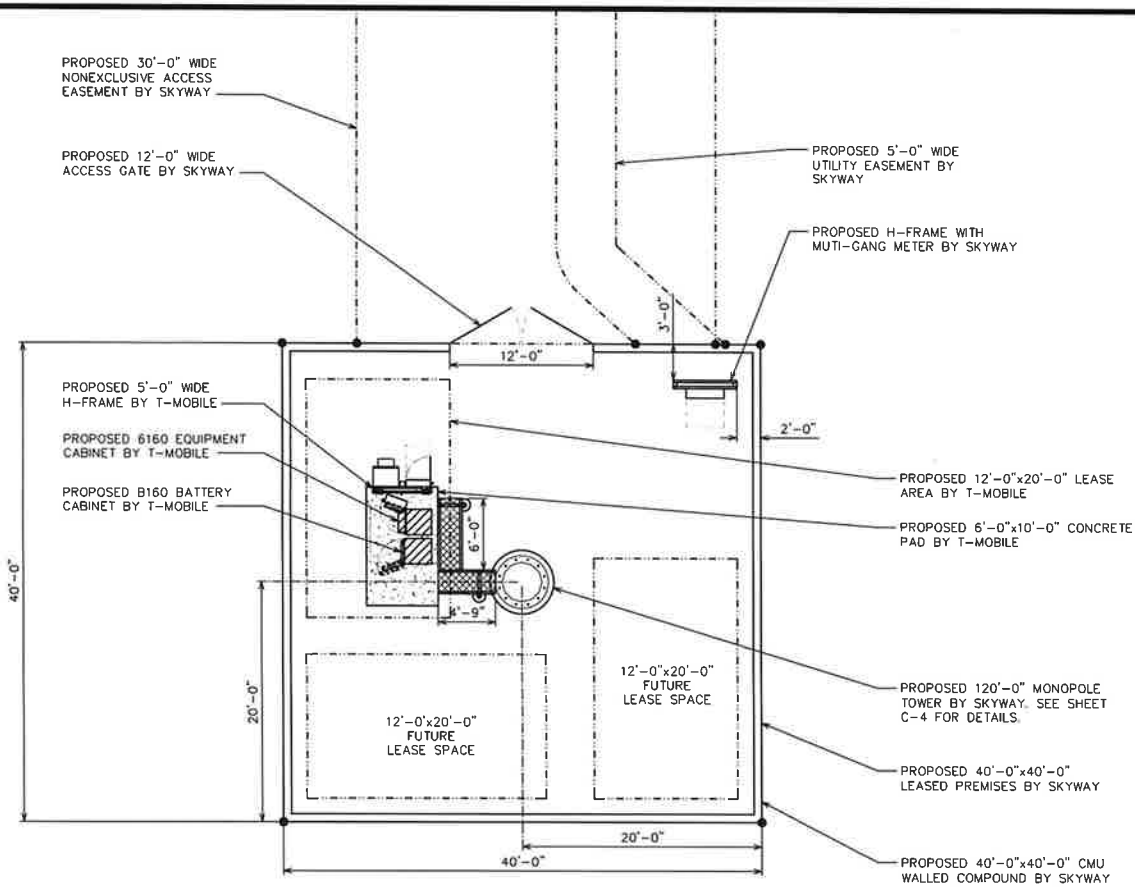
SHEET TITLE:

SITE PLAN

SHEET NUMBER: **C-2**

REVISION: 0

TEP #341053 968646



COMPOUND DETAIL

SCALE: 1" = 10'

0 10 20

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

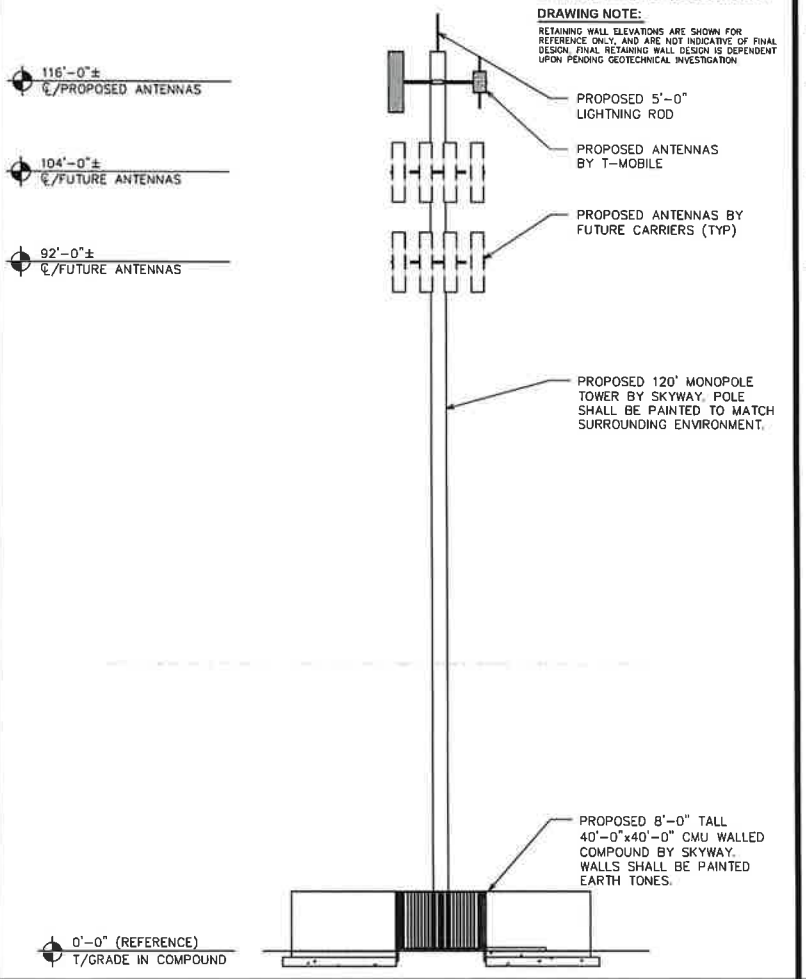
SHEET TITLE:

COMPOUND DETAIL

SHEET NUMBER: **C-3**

REVISION: **0**

TEP [illegible]



TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.
6. PAINT POLE TO MATCH SURROUNDING ENVIRONMENT.

DRAWING NOTE:

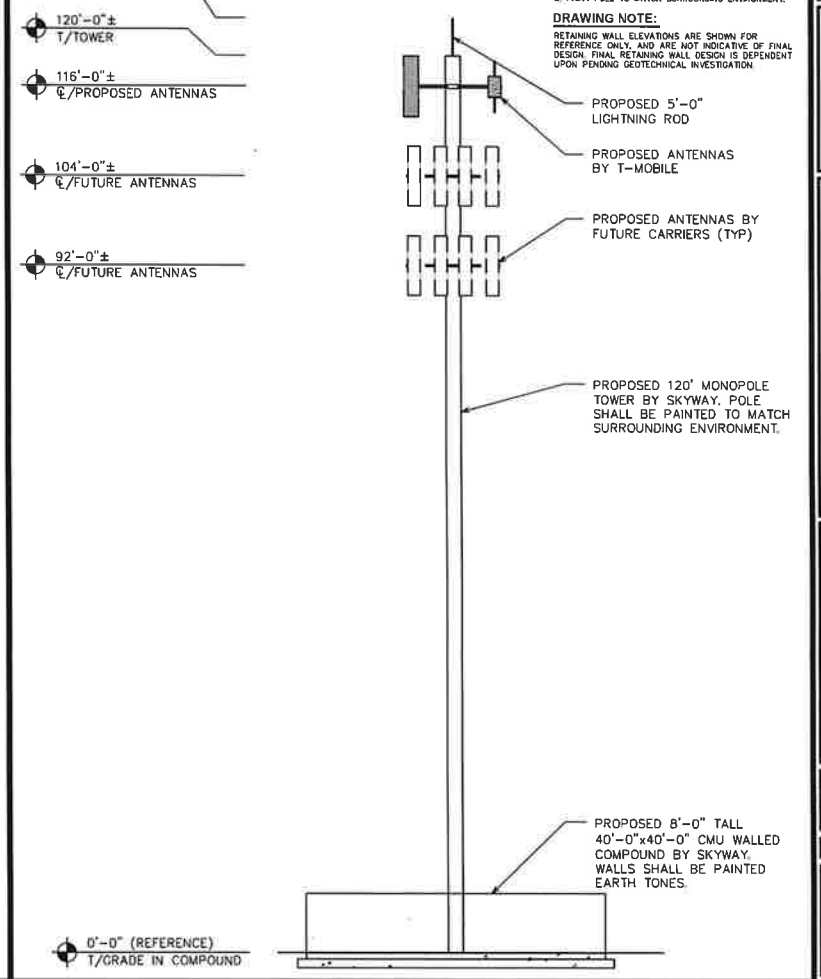
RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.

NORTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

0 16 32

SCALE IN FEET



TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.
6. PAINT POLE TO MATCH SURROUNDING ENVIRONMENT.

DRAWING NOTE:

RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.

SOUTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

0 16 32

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

SHEET TITLE:

NORTH & SOUTH TOWER ELEVATIONS

SHEET NUMBER: **C-4**

REVISION: 0

TEP [illegible]

TOWER
ENGINEERING
PROFESSIONALS

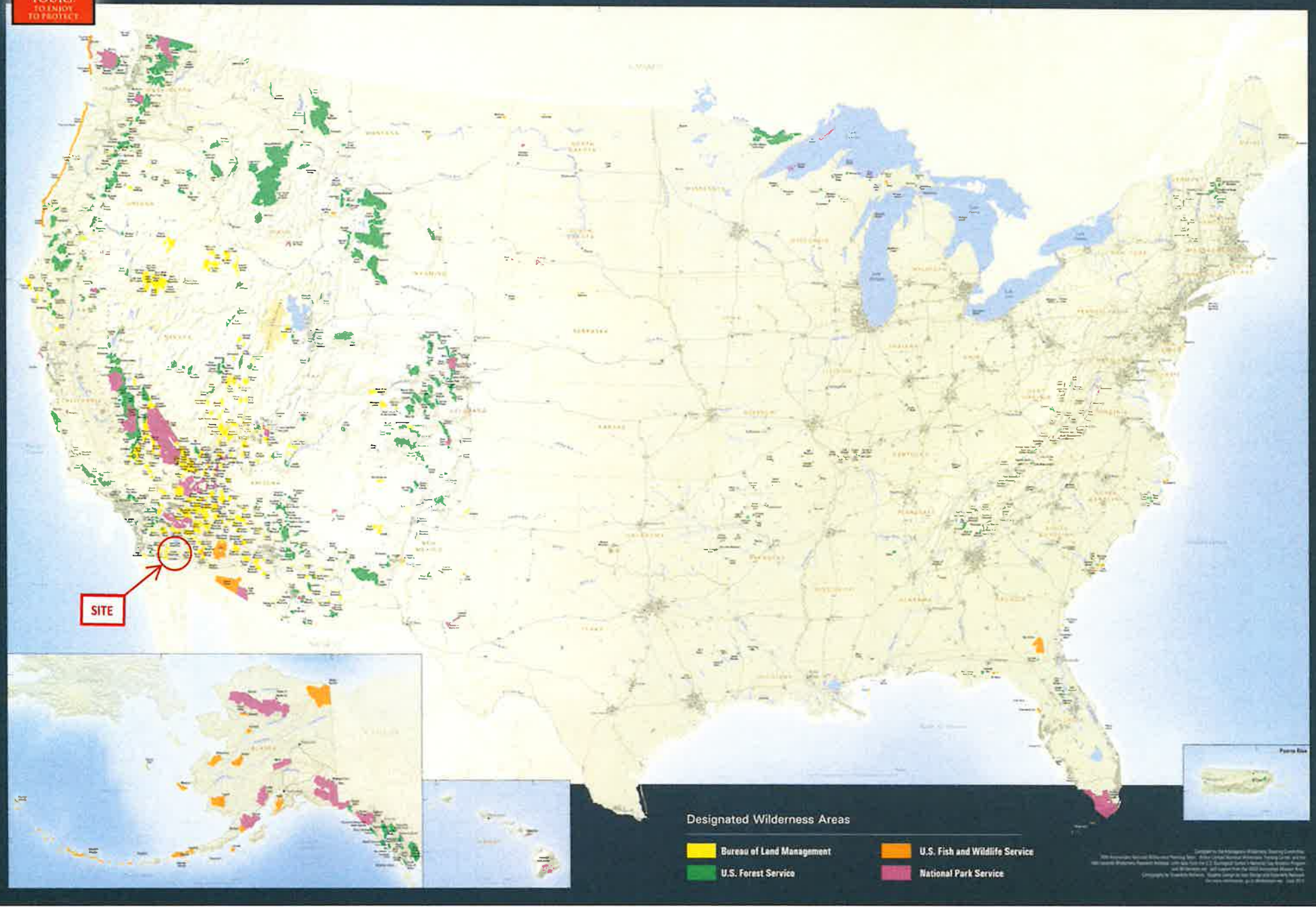
ATTACHMENT 1

OFFICIALLY DESIGNATED WILDERNESS AREAS

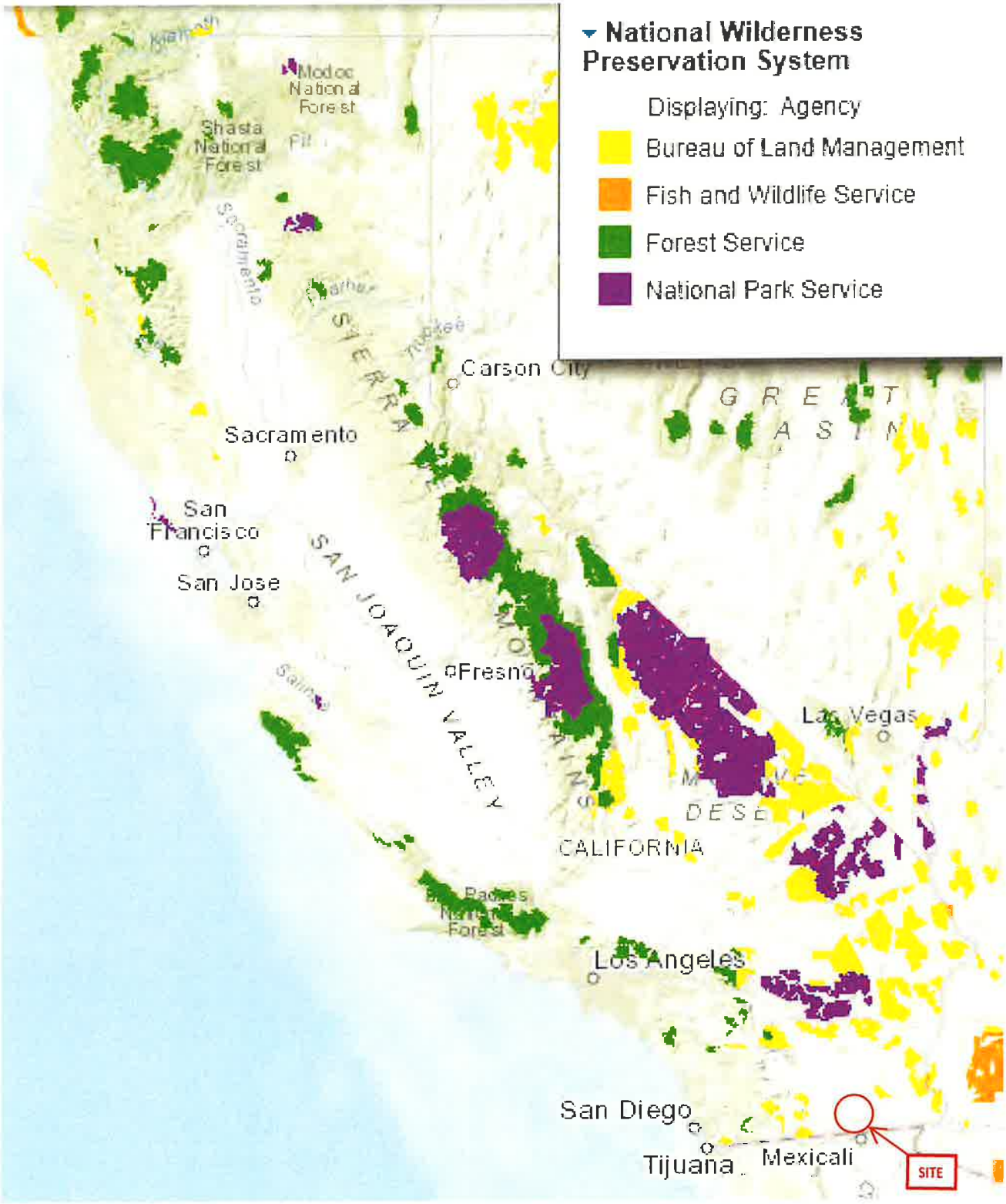
WILDERNESS 50 years 1964-2014 YOURS: TO ENJOY TO PROTECT

CELEBRATING AMERICA'S

National Wilderness Preservation System



National Wilderness Preservation System- California



https://databasin.org/maps/b00f45a4f0b345589e3870df4b1520a3/active

National Natural Landmarks- California



https://www.nps.gov/subjects/nnlandmarks/state.htm?State=CA

WIKIPEDIA

List of National Natural Landmarks in California

From List of National Natural Landmarks, these are the National Natural Landmarks in California. There are 36 in total.[1]



California National Natural Landmarks (clickable map)

Name	Image	Date	Location	County	Ownership	Description
Amboy Crater		May 1973	34°31′11.69″N 115°43′26.92″W	San Bernardino	Federal (Bureau of Land Management)	A 6,000-year-old volcanic cinder cone, made up of pahoehoe, just off historic U.S. Highway 66.
American River and Phoenix Park Vernal Pools		1976	38°39′10.33″N 121°12′59.95″W	Sacramento	Mixed- county, private	Contains vernal pools, and blue oak woodlands.[2]
Año Nuevo State Reserve		1980	37°7′7.24″N 122°18′24.02″W	San Mateo	State (California Department of Parks and Recreation)	One of the largest mainland breeding grounds for the northern elephant seal.[3]
Anza-Borrego Desert		1974	33°14′57.38″N 116°24′24.63″W	Imperial, Riverside, San Diego	State (California Department of Parks and Recreation)	The largest desert state park in the nation.[4]
Audubon Canyon		1968	37°55′46.01″N 122°40′55.85″W	Marin	Private	The largest known nesting area for great blue herons and great and snowy egrets on the Pacific Coast.[5]
Black Chasm Cave		1976	38°26′3.4″N 120°37′35.3″W	Amador	Private	A small three-level cave containing a variety of speleothems and some of the best helictite formations in the western U.S.[6]
Burney Falls		1984	41°0′43.79″N 121°39′7″W	Shasta	State (California Department of Parks and Recreation)	Contains some of the best examples in the western United States of a river drainage regulated by stratigraphically-controlled springs.[7]
Cima volcanic field		1973	35°17′21.95″N 115°35′6.99″W	San Bernardino	Federal (Mojave National Preserve)	A complex of over 20 large cinder cones of recent origin with extensive and continuous lava flows.[8]

Name	Image	Date	Location	County	Ownership	Description
Cosumnes River Preserve		1976	38°15′56.57″N 121°26′21.22″W	Sacramento	Mixed- private, federal	A small remnant of a rapidly-disappearing riparian woodland community type that once formed a major part of the central valley.[9]
Deep Springs Marsh		1975	37°20′00″N 118°01′03″W	Inyo	Private	An example of increasingly rare desert marsh.[10]
Dixon Vernal Pools		1987	38°16′31.29″N 121°49′25.49″W	Solano	Private	The best example of valley needlegrass grassland in the central valley.[11]
Elder Creek		1964	39°43′32.04″N 123°37′34.35″W	Mendocino	Private (University of California Natural Reserve System)	A largely undisturbed watershed containing large old stands of Douglas fir, broadleaf evergreens, and deciduous trees.[12]
Emerald Bay		1968	38°57′25.49″N 120°5′36.3″W	El Dorado	State (California Department of Parks and Recreation)	An outstanding example of glacial geology.[13]
Eureka Dunes		1983	37°5′45.6″N 117°40′30″W	Inyo	Federal (Death Valley National Park)	The tallest dune complex in the Great Basin.[14]
Fish Slough Area of Critical Environmental Concern		1975	37°28′8.69″N 118°24′3.1″W	Inyo, Mono	Mixed- federal (Bureau of Land Management), state, municipal	A large, essentially undisturbed, desert wetland that provides habitat for the alkali mariposa lily and the endangered Owens pupfish.[15]
Guadalupe-Nipomo Dunes		1974	34°57′56.13″N 120°39′1.24″W	San Luis Obispo	Mixed- federal (Guadalupe-Nipomo Dunes National Wildlife Refuge), state, private)	A coastal dune tract with off-road vehicle recreation, a national wildlife refuge, beaches, and nesting for the western snowy plover.[16]

Name	Image	Date	Location	County	Ownership	Description
Imperial Sand Hills		1966	32°55′0″N 115°3′0″W	Imperial	Federal (Bureau of Land Management)	One of the largest dune patches in the United States.[17]
Irvine Ranch Natural Landmarks		2006	33°43′53.4″N 117°41′34.8″W	Orange	Mixed- state, county, municipal	A remarkably complete stratigraphic succession ranging in age from late Cretaceous to the present.[18]
Lake Shasta Caverns		May 2012	40°48′16.2″N 122°18′15.98″W	Shasta	Private	A well-decorated Solutional cave that contains a diverse assemblage of calcite cave formations.[19]
Miramar Mounds		1972	32°50′43″N 117°8′19″W	San Diego	Federal (Marine Corps Air Station Miramar)	Contains unique soil features called mima mounds, which are found in only three or four locations in the country, and vernal pools.[20]
Mitchell Caverns and Winding Stair Cave		1975	34°56′26.97″N 115°30′51.97″W	San Bernardino	State (California Department of Parks and Recreation)	Regarded as the most important solution caverns in the Mojave Desert.[21]
Mt. Diablo State Park		1982	37°52′37.75″N 121°55′25.79″W	Contra Costa	State (California Department of Parks and Recreation)	One of the few areas in the region where geologic strata of Jurassic, Cretaceous, and Tertiary age can be seen in an aggregate thickness of 42,000 feet (13,000 m).[22]
Mount Shasta		1976	41°24′35.6″N 122°11′41.52″W	Siskiyou	Federal (Shasta-Trinity National Forest)	One of the world's largest and most impressive stratovolcanoes, within the Shasta-Trinity National Forest.[23]

Name	Image	Date	Location	County	Ownership	Description
Pixley Vernal Pools		1987	35°59′3.85″N 119°12′45.04″W	Tulare	Private	One of the few remaining natural vernal pools containing rare endemic plant species such as vernal pool fairy shrimp.[24]
Point Lobos		1967	36°31′1.56″N 121°56′33.36″W	Monterey	State (California Department of Parks and Recreation)	An outstanding example of terrestrial and marine environments in close association, and the only known habitat of Monterey cypress and variegated brodiaea.[25]
Pygmy Forest at Jug Handle State Natural Reserve		1969 1973	39°22′29.3″N 123°47′22.15″W	Mendocino	State (California Department of Parks and Recreation)	Includes a five step ecological staircase on which a unique forest of low, stunted trees and shrubs is located.[26]
Rainbow Basin		1966	35°1′46″N 117°2′12″W	San Bernardino	Federal (Bureau of Land Management)	Deep erosion canyons with rugged rims with fossil evidence of insects and Miocene mammals.[27]
La Brea Tar Pits (Rancho La Brea)		1964	34°3′46.62″N 118°21′21.49″W	Los Angeles	Municipal (City of Los Angeles)	Site of the world-famous natural asphalt tar pits.[28]
San Andreas Fault		1965		San Benito	Private	One of the best illustrations of earth displacement caused by small crustal movements.[29]
San Felipe Creek Area		1974	33°10′11″N 115°49′19″W	Imperial, San Diego	Federal (Bureau of Land Management), state	A marsh containing probably the last remaining perennial natural desert stream in the Colorado Desert region.[30]

Name	Image	Date	Location	County	Ownership	Description
Sand Ridge Wildflower Preserve		1984	35°18'31.26"N 118°47'24.29"W	Kern	Private	A remnant natural area displaying a great diversity of floral species including the Bakersfield cactus.[31]
Sharktooth Hill		1976	35°26'30.57"N 118°56'26.18"W	Kern	Private	One of the most abundant, diverse and well- preserved fossil marine vertebrate sites in the world.[32]
Tijuana River Estuary		1973	32°33'7.2"N 117°7'9.59"W	San Diego	Federal (Tijuana River National Estuarine Research Reserve), state, municipal	One of the finest remaining saltwater marshes on the California coastline.[33]
Torrey Pines State Reserve		1977	32°54'59.58"N 117°14'58.7"W	San Diego	State (California Department of Parks and Recreation)	Contains a natural Torrey pine forest, high bluffs and sea cliffs, and endangered bird species.[34]
Trona Pinnacles		1967	35°37'3.81"N 117°22'5.08"W	San Bernardino	Federal (Bureau of Land Management)	A relict landform from the Pleistocene containing unique formations of calcium carbonate.[35]
Turtle Mountain		1973	34°19'5.53"N 114°51'7.28"W	San Bernardino	Federal (Bureau of Land Management), state	Contains two mountain sections of entirely different composition.[36]

References

1. "National Natural Landmarks Program, California" (http://www.nature.nps.gov/nnl/state.cfm?State=CA). National Park Service. Retrieved 2013-01-04.
2. "American River Bluffs and Phoenix Park Vernal Pools" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=AMRI-CA). *www.nps.gov*. Retrieved 2017-09-30.
3. "Año Nuevo State Reserve" (http://www.parks.ca.gov/?page_id=523). *CA State Parks*. Retrieved 2017-09-30.
4. "Anza-Borrego Desert State Park" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=ANBO-CA). *www.nps.gov*. Retrieved 2017-09-30.
5. "Audubon Canyon Ranch" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=AUCA-CA). *www.nps.gov*. Retrieved 2017-09-30.
6. "Black Chasm Cave" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=BLCH-CA). *www.nps.gov*. Retrieved 2017-09-30.
7. "Burney Falls" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=BUFA-CA). *www.nps.gov*. Retrieved 2017-09-30.

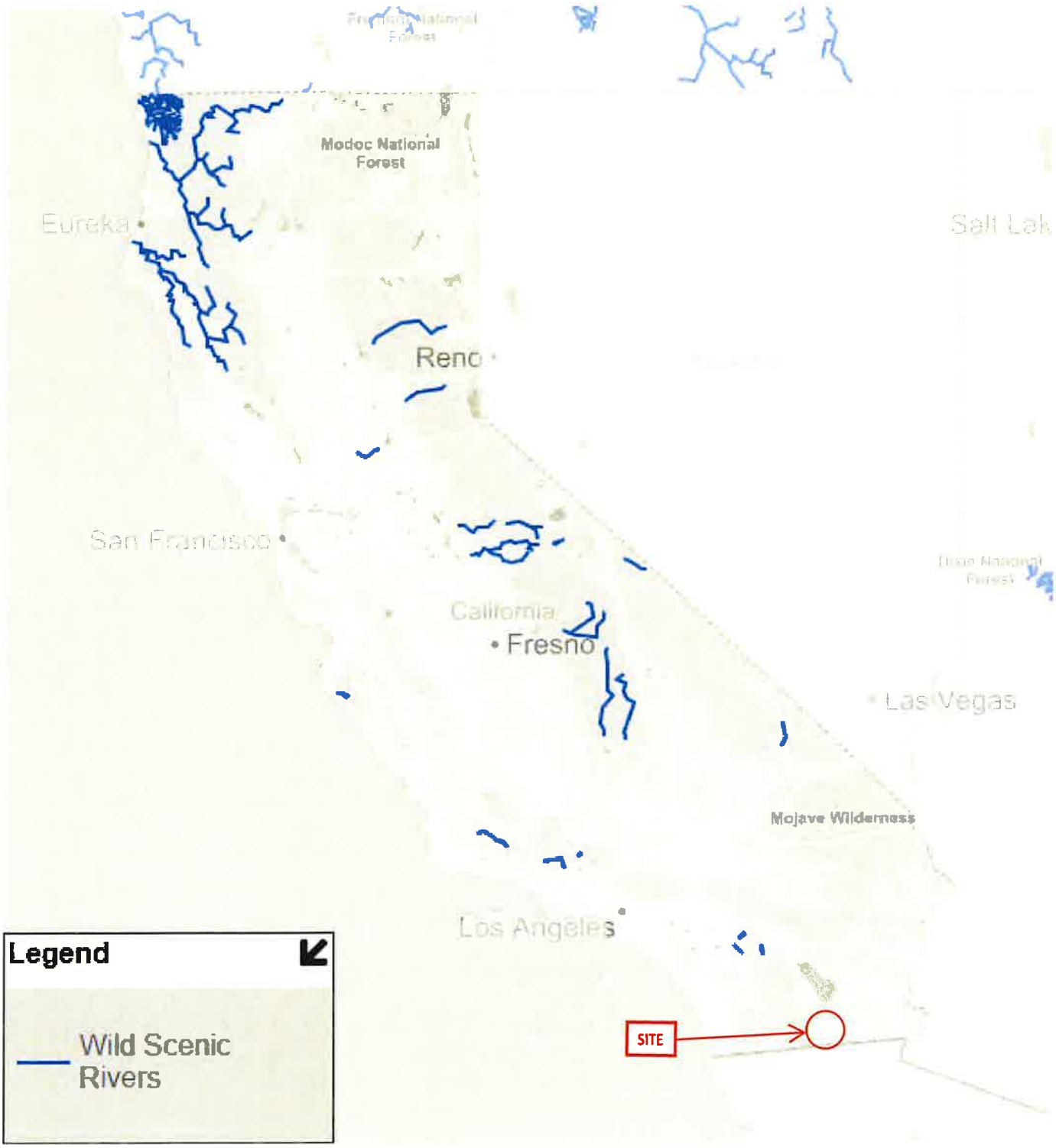
8. "Cinder Cone Natural Area" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=CICO-CA). *www.nps.gov*. Retrieved 2017-09-30.
9. "Cosumnes River Preserve Visitor Center | BUREAU OF LAND MANAGEMENT" (https://www.blm.gov/visit/cosumnes-river-preserve-visitor-center). *www.blm.gov*. Retrieved 2017-09-30.
10. "Deep Springs Marsh" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=DESP-CA). *www.nps.gov*. Retrieved 2017-09-30.
11. "Dixon Vernal Pools" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=DIVE-CA). *www.nps.gov*. Retrieved 2017-09-30.
12. "Elder Creek" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=ELCR-CA). *www.nps.gov*. Retrieved 2017-09-30.
13. "Emerald Bay" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=EMBA-CA). *www.nps.gov*. Retrieved 2017-09-30.
14. "Eureka Dunes - Death Valley National Park (U.S. National Park Service)" (https://www.nps.gov/deva/planyourvisit/eureka-dunes.htm). *www.nps.gov*. Retrieved 2017-10-01.
15. "Fish Slough Area of Critical Environmental Concern" (https://www.blm.gov/visit/fish-slough). *www.blm.gov*. Retrieved 2017-10-01.
16. "Nipomo Dunes-Point Sal Coastal Area" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=NIDU-CA). *www.nps.gov*. Retrieved 2017-10-01.
17. "Imperial Sand Hills" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=IMSA-CA). *www.nps.gov*. Retrieved 2017-10-01.
18. "Irvine Ranch" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=IRRA-CA). *www.nps.gov*. Retrieved 2017-10-01.
19. "Lake Shasta Caverns" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=LASH-CA). *www.nps.gov*. Retrieved 2017-10-02.
20. "Miramar Mounds" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=MIMO-CA). *www.nps.gov*. Retrieved 2017-10-01.
21. "Mitchell Caverns and Winding Stair Cave" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=MICA-CA). *www.nps.gov*. Retrieved 2017-10-01.
22. "Mount Diablo" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=MTDI-CA). *www.nps.gov*. Retrieved 2017-10-01.
23. "Mount Shasta" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=MOSH-CA). *www.nps.gov*. Retrieved 2017-10-01.
24. "Pixley Vernal Pools" (https://cnlm.org/portfolio_page/pixley-vernal-pools/). *CNLM*. 22 May 2015. Retrieved 2017-10-01.
25. "Point Lobos State Reserve" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=POLO-CA). *www.nps.gov*. Retrieved 2017-10-01.
26. "Jug Handle Ecological Staircase Trail - Mendocino Land Trust - 2017" (https://www.mendocinolandtrust.org/trails/central-coastal-trails/jug-handle-trail/). *Mendocino Land Trust 2017*. Retrieved 2017-10-01.
27. "Rainbow Basin" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=RABA-CA). *www.nps.gov*. Retrieved 2017-10-01.
28. "Rancho La Brea" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=RALA-CA). *www.nps.gov*. Retrieved 2017-10-01.
29. "San Andreas Fault" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=SAAN-CA). *www.nps.gov*. Retrieved 2017-10-01.
30. "San Felipe Creek Area" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=SAFE-CA). *www.nps.gov*. Retrieved 2017-10-01.
31. "Sand Ridge" (https://cnlm.org/portfolio_page/sand-ridge/). *CNLM*. 7 December 2015. Retrieved 2017-10-01.
32. Choi, Charles Q. (June 9, 2009). "Vast Bed of Ancient Bones and Shark Teeth Explained" (https://www.livescience.com/3656-vast-bed-ancient-bones-shark-teeth-explained.html). *Live Science*. Retrieved 2017-10-02.
33. "Tijuana River Estuary" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=TIRI-CA). *www.nps.gov*. Retrieved 2017-10-02.
34. "Torrey Pines State Reserve" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=TOPI-CA). *www.nps.gov*. Retrieved 2017-10-02.
35. "Trona Pinnacles" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=TRPI-CA). *www.nps.gov*. Retrieved 2017-10-02.
36. "Turtle Mountaoins Wilderness" (https://www.nps.gov/subjects/nnlandmarks/site.htm?Site=TUMO-CA). *www.nps.gov*. Retrieved 2017-10-02.

Retrieved from "https://en.wikipedia.org/w/index.php?title=List_of_National_Natural_Landmarks_in_California&oldid=896259424"

This page was last edited on 9 May 2019, at 09:41 (UTC).

Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. By using this site, you agree to the Terms of Use and Privacy Policy. Wikipedia® is a registered trademark of the Wikimedia Foundation, Inc., a non-profit organization.

Wild & Scenic Rivers- California



https://www.rivers.gov/river-app/index.html?state=CA

ArcGIS Web Map



5/9/2019, 2:31:27 PM

1:4,622,324

0 40 80 160 mi

0 65 130 260 km

- California NHT
- Juan Bautista de Anza NHT
- Old Spanish NHT
-
- Pony Express NHT

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Web AppBuilder for ArcGIS

Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS | US Geological Survey, Gap Analysis Program (GAP). November 2015. Protected Areas Database of the United States (PADUS), version 1.4. | www.pctmap.net |

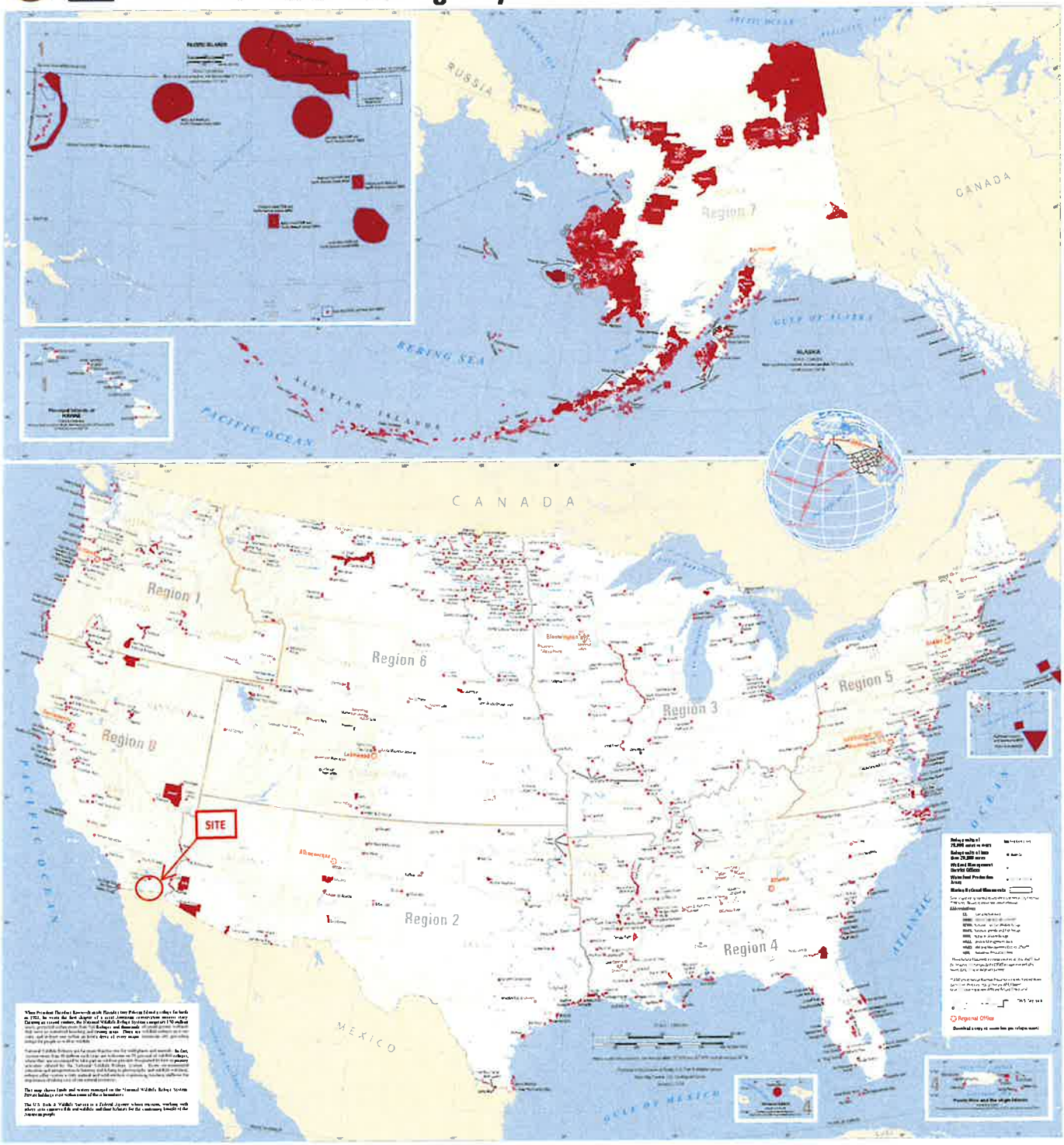
TOWER
ENGINEERING
PROFESSIONALS

ATTACHMENT 2

OFFICIALLY DESIGNATED WILDLIFE PRESERVES

U.S. Fish & Wildlife Service

National Wildlife Refuge System



USFWS National Wildlife Refuges- California



https://www.fws.gov/refuges/refugelocatormaps/california.html

TOWER
ENGINEERING
PROFESSIONALS

ATTACHMENT 3

LISTED/PROPOSED THREATENED AND ENDANGERED SPECIES

COMMUNICATIONS TOWER SITE
EVALUATION FORM

1. Location (Provide maps if possible): 749 West Worthington Road, Imperial, CA 92251
   State: CA
   County: Imperial
   Latitude/Longitude/GPS Grid: N 32° 50' 48.33" W 115° 36' 0.46"

2. Elevation above mean sea level: -58.65-ft AMSL

3. Will the equipment be co-located on an existing FCC licensed tower or other existing structure (building, water tank, etc)? NO. If yes, type of structure: N/A

4. If yes, will the compound be expanded: N/A
   If yes, will the tower be extended: N/A

5. If No, provide proposed specifications for the proposed tower:
   Height: 120-ft AGL (125-ft AGL with appurtenances)
   Construction Type (lattice, monopole, etc.): monopole
   Guyed-Wire? NO Bands: N/A Total No. Wires: N/A
   Lighting (Security and Aviation): anticipated to be an unlit structure

6. Area of tower footprint in acres or square feet:
   Proposed 40-ft x 40-ft lease area: 1,600-ft² (~0.037-acres)
   Proposed 30-ft wide x ~210-ft long access easement: 6,300-ft² (~0.145-acres)
   Proposed 5-ft wide x ~495-ft long utility easement: 1,575-ft² (~0.036-acres) [Note: Area measurement does not include partial length of ~180-ft (900-ft²) over which utility easement runs concurrently with access easement].
   Proposed overhead power/telco route ~100-ft long to follow existing route (no additional ground disturbance anticipated).
   Total area: ~9,475-ft² (~0.218-acres)

7. Length and width of access road in feet:
   Width: 30-ft
   Length: ~210-ft

8. General description of terrain (mountains, rolling hills, flat, flat to undulating, etc.). Photographs of the site and surrounding area are beneficial: Cleared barren desert land and ornamental desert shrub land, surrounded by agricultural and residential land, flat but sloping very gradually to the northeast.

9. Meteorological conditions (incidence of fog, low ceilings, rain, etc.): August 27, 2024; sunny with good visibility.

10. Soil Types(s): According to the USDA Web Soil Survey of Imperial County, CA, the soil of the proposed action area is identified as Imperial-Glenbar silty clay loams, wet, 0 to 2 percent slopes. Imperial-Glenbar silty clay loams wet soil type is described as moderately well drained, formed from clayey alluvium derived from mixed and/or clayey lacustrine deposits, and found on basin floors. A typical soil profile consists of silty clay loam from 0 to 12-inches and silty clay loam from 12 to 60-inches below ground surface (BGS). According to the USDA Web Soil Survey database, the identified soil is considered nonhydric within Imperial County, CA.

11. Habitat types and land use on and adjacent to the site:

Habitat Type:	Acreage:	% of Total:
Cleared barren desert land	~0.175-acres	80%
Ornamental desert shrub land	~0.041-acres	19%
Improved road	~0.002-acres	1%

Adjacent land use: agricultural land, residential land, improved roads, unimproved roads.

12. Dominant vegetative species in each habitat type:
Cleared barren desert land: N/A
Ornamental desert shrub land: Agave (*Agave americana* var. *marginata*), ocotillo (*Fouquieria splendens*), oleander (*Nerium oleander*), various rhizomatous short grasses, fourwing saltbush (*Atriplex canescens*)
Improved road: N/A

13. Average diameter breast height of dominant tree species in forested areas: No trees observed in vicinity of proposed action area.

14. Will construction at this site cause fragmentation of a larger block of habitat into two or more smaller blocks? NO If yes, describe: N/A

15. Is evidence of bird roosts or rookeries present? NO If yes, describe: N/A

16. Distance to nearest wetland area (forested swamp, marsh, riparian, marine, etc.), and coastline, if applicable: According to the USFWS Wetland Mapper, the closest wetland area is a 120.83-acre intermittent, seasonally flooded, excavated channel located approximately .2 miles west-northwest of the proposed tower centerline.

17. Distance to nearest telecommunications tower: According to the FCC-ASR online registration search, the nearest registered tower is located approximately 1.54-miles northeast of the proposed tower centerline.

18. Potential for co-location of antennas on existing towers or other structures: Unknown

19. Have measures been incorporated for minimizing impacts to migratory birds? YES If yes, describe: The proposed tower will be less than 200-ft AGL, will be monopole in design, will not require the use of guy wires, and is anticipated to be an unlit structure. The tower will not be located in an NWI mapped wetland, riparian area, coastline, or in any other area known to exhibit frequent foggy conditions, minimizing impact to migratory birds. Due to the distance of the site from any major bodies of water and the absence of nests observed, no significant impacts to Bald/Golden Eagles, nests, or eggs are anticipated with the proposed action.

20. Has an evaluation been made to determine if the proposed facility may affect listed or proposed endangered or threatened species or their habitats as required by FCC regulations at 47 CFR 1.1307(a)(3)? YES If yes, present findings: During the on-site investigation, TEP observed no occurrences of State or Federally Listed Threatened or Endangered Species for Imperial County. Based on habitat descriptions and taking into account the extent of existing human disturbance in the vicinity, it is the opinion of TEP that the proposed action will have **no effect** on state and/or federally protected species.

21. Additional information required:

Review of the USFWS – Carlsbad Fish and Wildlife Office Official Species List for Imperial County (Project Code: 2024-0136568) September 19, 2024, for the project indicated the possible presence of one (1) federally listed terrestrial endangered species in the proposed project area: Yuma Ridgway's Rail (*Rallus obsoletus yumanensis*). In addition, the potential occurrence of one (1) federally listed terrestrial candidate species was identified: Monarch Butterfly (*Danaus Plexippus*). The site inspection performed on August 27, 2024, consisted of a pedestrian inspection of the proposed action area for indications of the presence of federally listed species and/or their critical habitats and preferred/suitable habitats, as described by the USFWS. According to the USFWS – Trust Resources List, there are no officially designated critical habitats wholly or partially within the proposed action area.

At the time of inspection on August 27, 2024, the area in the vicinity of the proposed project area consisted of cleared barren desert land, ornamental desert shrub land, and improved road. Vegetation in the vicinity of the proposed action area (i.e. that portion which was ornamental desert shrub land) consisted of the following: Agave (*Agave americana* var. *marginata*), ocotillo (*Fouquieria splendens*), oleander (*Nerium oleander*), various rhizomatous short grasses, fourwing saltbush (*Atriplex canescens*). Note: Approximately 80% of the proposed action area is cleared barren desert land and improved road containing no vegetation.

Summary of effects on federally listed terrestrial endangered species:
Yuma Ridgway's Rail (*Rallus obsoletus yumanensis*): According to the USFWS Species Profile, the Yuma Ridgway's Rail is a marsh bird the size of a chicken, is gray-brown above and buffy-cinnamon below, is mottled brown or gray on its rump, and has brownish-gray cheeks and flanks barred with black and white. Its somewhat orange bill is long, slender and slightly down-curved. The Yuma Ridgway's rail is a water bird with long legs and a short tail. The Yuma Ridgway's Rail is known to or is believed to occur in Imperial County, CA. This species is associated with dense emergent riparian vegetation, and it requires wet substrate (mudflat, sandbar) with dense herbaceous or woody vegetation for nesting and foraging. Fresh-water marshes dominated by cattail or bulrush are preferred habitat. Marshes with little residual vegetation may be preferred as well. Habitat should be in a mosaic of vegetated areas interspersed with shallow (less than 12") open water areas. Minimum size of suitable habitats is unclear, but they have been found in areas as small as 2-3 acres depending on the quality of the mosaic. This bird is typically found below 4,500 feet of elevation. The diet of the Yuma Ridgway's Rail consists primarily of crayfish, with small fish, frogs, and aquatic invertebrates also taken. Most individuals do not migrate, but have minor seasonal changes in their activity areas. Juveniles do disperse to nearby habitats. It is important to note that in addition to juveniles not being able to fly until end of September, adults have a basic pre-body molt between May-August, with simultaneous molt of rectrices (tail feathers) and remiges (wing feathers) which both allow for flight. These flightless adults are found between mid-July and the end of September. Yuma Ridgway's Rails' typical breeding and nesting season begins in early March and continues until mid-May. Incubation ranges from 23-28 days. Following hatching, young rails retain their black down for about month. At the time of site inspection, the proposed action area was primarily occupied by cleared barren desert land, and no occurrences of Yuma Ridgway's Rail were observed. Due to the absence of suitable habitat and due to the existing level of human disturbance in the vicinity of the proposed action area, it is the opinion of TEP that the proposed action will have **no effect** on the Yuma Ridgway's Rail.

Summary of effects on federal candidate terrestrial species:
Monarch Butterfly (*Danaus plexippus*): According to the USFWS Species Profile, adult Monarch Butterflies feed on the nectar of many flowers during breeding and migration, but they only lay their eggs on their obligate milkweed host plant (primarily *Asclepias* spp.). Based on information obtained from the USFWS online database, in the spring and summer, the monarch butterfly's habitat is open fields and meadows with milkweed. In winter, it can be found on the coast of southern California and at high altitudes in central Mexico. For overwintering monarchs, habitat with a specific microclimate is needed

for protection from the elements, as well as moderate temperatures to avoid freezing. These conditions vary between populations. For the eastern North American population, most monarchs overwinter in oyamel fir tree roosts located in mountainous regions in central Mexico at an elevation of 2,400 to 3,600 meters. Monarchs living west of the Rocky Mountain range in North America primarily overwinter in California at sites along the Pacific Coast, roosting in eucalyptus, Monterey pines and Monterey cypress trees. At the time of site inspection, the proposed action area was primarily occupied by cleared barren desert land, and no occurrences of milkweed or Monarch Butterflies were observed. Based on the habitat description, it is the opinion of TEP that no potentially suitable habitat for the Monarch Butterfly exists within the limits of disturbance associated with the proposed action. Due to the lack of suitable habitat in the proposed action area, it is the opinion of TEP that the proposed action will have **no effect** on the Monarch Butterfly.

Summary of effects on State listed species:
According to the California Department of Fish and Wildlife' lists of state and federally listed animals and plants (dated July 2024), there are fifty-five (55) state endangered animal species, forty-three (43) state threatened animal species, one hundred thirty-seven (137) state endangered plant species, twenty-three (23) state threatened plant species, and sixty-four (64) state listed rare plant species occurring within the state of California.

TEP utilized the California Natural Diversity Database (CNDDB) QuickView Tool to search for all species tracked within the El Centro USGS 7.-Minute Topographic Quadrangle containing the proposed project area. The resulting list identified the possible occurrence of twelve (12) animal Species of Special Concern (SSC) known to occur within the El Centro quad map area: Sonoran Desert Toad (*Incilius alvarius*), Northern Leopard Frog (*Lithobates pipiens*), Lowland Leopard Frog (*Lithobates yavapaiensis*), Mountain Plover (*Charadrius montanus*), Burrowing Owl (*Athene cunicularia*), Vermilion Flycatcher (*Pyrocephalus rubinus*), Colorado Valley Woodrat (*Neotoma albigula venusta*), Yuma Hispid Cotton Rat (*Sigmodon hispidus eremicus*), Big Free-tailed Bat (*Nyctinomops macrotis*), American Badger (*Taxidea taxus*), Western Yellow Bat (*Lasiurus xanthinus*), Flat-tailed Horned Lizard (*Phrynosoma mcallii*).

Further, TEP also utilized the California Native Plant Society (CNPS) Rare Plant Inventory Tool to search for all plant species with a state listing status of endangered, threatened, or rare within Imperial County, CA. The resulting list identified the possible occurrence of three (3) state endangered plant species: Peirson's Milk-vetch (*Astragalus magdalenae* var. *peirsonii*), San Diego Button-celery (*Eryngium aristulatum* var. *parishii*), and Algodones Dunes Sunflower (*Helianthus niveus* ssp. *tephrodes*). The list also identified the possible occurrence of two (2) state rare plant species: Wiggins' croton (*Croton wigginsii*), and Borrego bedstraw (*Galium angustifolium* ssp. *Borregoense*).

During the site inspection, no occurrences of any state-listed plant or animal species were observed, and the proposed action area consisted primarily of cleared barren desert land. Based on the habitat descriptions and the extent of existing human disturbance in the vicinity, it is the opinion of TEP that the proposed action will have **no effect** on any state-listed plant or animal species or any additional state protected species.

Minimizing Impacts to Migratory Birds protected under the MBTA:
The following siting and construction details were implemented in an attempt to comply with the recommendations of the Memorandum of Understanding, directed by the President of the U.S. under the Executive Order 13186, for minimizing impacts to migratory birds protected under the Migratory Bird Treaty Act and the USFWS Interim Guidelines for Recommendations on Communications Tower Siting, Construction, Operation, and Decommissioning. The proposed tower will be less than 200-ft AGL, will not utilize guy wires, will be monopole in design, and is anticipated to be an unlit structure. The tower will not be located in an NWI mapped wetland, riparian or forested area, mountain top, ridgeline,

coastline, or in any other area known to exhibit frequent foggy conditions, to minimize impacts to migratory birds. With regards to the Bald Eagle & Golden Eagle Protection Act, no occurrences were associated with the proposed action area and no active nests were observed in the vicinity of the proposed action area at the time of inspection. Due to the distance of the site from any major bodies of water and the absence of nests observed, no significant impacts to Bald/Golden Eagles, nests, or eggs are anticipated with the proposed action.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
Phone: (760) 431-9440 Fax: (760) 431-5901

In Reply Refer To:
Project Code: 2024-0136568
Project Name: Imperial (CA-00435)

09/19/2024 15:55:00 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A biological assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a biological assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a biological assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found at the Fish and Wildlife Service's Endangered Species Consultation website at:

https://www.fws.gov/service/esa-section-7-consultation

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
(760) 431-9440

PROJECT SUMMARY

Project Code: 2024-0136568
Project Name: Imperial (CA-00435)
Project Type: Communication Tower New Construction
Project Description: Skyway Towers plans the following: Install a new 125-ft tall monopole cell tower and equipment within a 40-ft x 40-ft (1,600 square feet) lease area. Access easement would require a 30-ft wide by approximately 210-ft long area (6,300 square feet). Utility easement would require a 5-ft wide by approximately 495-ft long area (1,575 square feet) [Note: Area measurement does not include partial length of approximately 180-ft (900 square feet) over which utility easement runs concurrently with access easement]. An overhead power/telco route approximately 100-ft long proposed to follow existing route is not anticipated to require any additional ground disturbance. Total area of disturbance is approximately 9,475 square feet or about 0.218-acres.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@32.84708809999999,-115.60012938644087,14z



Counties: Imperial County, California

ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Yuma Ridgway's Rail *Rallus obsoletus yumanensis*	Endangered

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/3505

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus*	Candidate

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/9743

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Tower Engineering Professionals
Name: Matthew Klimock
Address: 4700 Dahlia St
City: Denver
State: CO
Zip: 80216
Email mklimock@tepgroup.net
Phone: 3035669934

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

TOWER
ENGINEERING
PROFESSIONALS

ATTACHMENT 4

SECTION 106 – SHPO

State of California • Natural Resources Agency

Gavin Newsom, *Governor*

DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION

Armando Quintero, *Director*

Julianne Polanco, State Historic Preservation Officer
1725 23rd Street, Suite 100, Sacramento, CA 95816-7100
Telephone: (916) 445-7000 FAX: (916) 445-7053
calshpo.ohp@parks.ca.gov www.ohp.parks.ca.gov

Dear FCC Applicant:

Section 106 FCC submissions will not be accepted unless this cover sheet is completed and attached.

Project Name Imperial (CA-00435)

Project Address 749 W. Worthington Rd., Imperial, CA 92251

Based on the information provided on the accompanying FCC Form 620 or Form 621, and the documentation submitted pursuant to the *First Amendment to the Nationwide Programmatic Agreement for the Collocation of Wireless Antennas*, the following information applies to this project:

___There are buildings or structures over 45 years of age within this project's direct/indirect area of potential effect (APE).
___There is an archeological site located within this project's direct APE.
___A qualified archeologist has determined that the proposed project area is considered moderately to highly sensitive for archeological resources.

If the above line items are left unchecked, there are no historic properties within the direct or indirect project area. Therefore, pursuant to Stipulation VII.B.2 of the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission* as quoted below, **your Section 106 responsibilities are complete:**

> If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of No Historic Properties Affected within 30 days following receipt of a complete Submission Packet, it is deemed that no Historic Properties Exist within the APE or the Undertaking will have no effect on Historic Properties. The Section 106 process is then complete and the Applicant may proceed with the project, unless further processing for reasons other than Section 106 is required.

___Yes, this submission contains an eligibility determination requiring SHPO concurrence.
___Yes, this submission contains tribal response.

This project will: Not___ Not Adversely_____ Adversely_____ affect Historic Properties.
The qualified project archeologist acknowledges that a pedestrian survey has been completed, a record search has been conducted at the appropriate California Historical Resources Information Center (IC) and that all submitted information is true.

Archeologist's signature _____ Date 10/02/2024

Please note: This letter pertains only to FCC projects being submitted to the California SHPO for comment.

Sincerely,

Julianne Polanco
State Historic Preservation Officer

October 2, 2024

California State Historic Preservation Office
1725 23rd Street,
Sacramento, CA 95816

Subject: **Proposed 125-ft AGL overall with appurtenances monopole telecommunications facility**
Skyway Towers Site: Imperial (CA-00435)
FCC TCNS # 283350, Date Filed: 08/07/2024
749 W Worthington Rd.
Imperial, CA 92251
(Imperial County)

To whom it may concern:

Attached herein is the FCC 620 Review Packet for the proposed Skyway Towers site identified as Imperial (CA-00435). TEP is submitting the FCC Form 620 to the California State Historic Preservation Office in order to satisfy the requirements of Section 106 Review of the National Historic Preservation Act for the proposed tower site. Skyway Towers proposes the construction of a 120-ft AGL (125-ft AGL with appurtenances) monopole telecommunications tower to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). It is the opinion of TEP that the proposed action will have **no effect** on historic properties as **no historic properties were identified within the direct APE**. We request your review and concurrence on the proposed project. Please provide all correspondence to Tower Engineering Professionals at the address stated below, or to tcns@tepgroup.net.

TEP
Attn: Evan Lockhart Borman
4700 Dahlia St
Denver CO 80216

Sincerely,

Evan Lockhart Borman
Cultural Resources – Staff Architectural Historian
TEP OPCO, LLC

FCC Form 620

Notification Date: **7AM EST 10/03/2024**
File Number: **0011266198**

FCC Wireless Telecommunications Bureau
New Tower ("NT") Submission Packet

Approved by OMB
3060 – 1039
See instructions for
public burden estimates

General Information

1) (Select only one) (**NE**) **NE** – New **UA** – Update of Application **WD** – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): **0014913248**
4) Name: **Skyway Towers, LLC**

Contact Name

5) First Name: **Carrie**	6) MI:	7) Last Name: **Torrey**	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	**And /Or**	11) Street Address: **3637 Madaca Lane**		
12) City: **Tampa**			13) State: **FL**	14) Zip Code: **33618**
15) Telephone Number: **(813)960-6213**		16) Fax Number:		
17) E-mail Address: **ctorrey@skywaytowers.com**				

Consultant Information

18) FCC Registration Number (FRN): **0018456921**
19) Name: **TEP OPCO, LLC**

Principal Investigator

20) First Name: **Garrett**	21) MI:	22) Last Name: **Johnson**	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	**And /Or**	26) Street Address: **326 Tryon Road**		
27) City: **Raleigh**			28) State: **NC**	29) Zip Code: **27603**
30) Telephone Number: **(919)661-6351**		31) Fax Number:		
32) E-mail Address: **tcns@tepgroup.net**				

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(X) Yes ( ) No

34) Areas of Professional Qualification:

(X) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	( ) Yes (X) No

If "YES," complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			

41) Areas of Professional Qualification:

( ) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **283354**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: ( ) Yes (X) No

3) Site Name: **Imperial (CA-00435)**

4) Site Address: **749 W. Worthington Rd.**

5) Detailed Description of Project:

Proposed construction of a 120-ft AGL (125-ft AGL overall) monopole telecommunications tower and its associated tower compound facility to be located in Imperial County, CA.

6) City: **Imperial**	7) State: **CA**	8) Zip Code: **92251**

9) County/Borough/Parish: **IMPERIAL**

10) Nearest Crossroads: **Worthington Rd. & Austin Rd.**

11) **NAD 83** Latitude (DD-MM-SS.S): **32-50-48.3** (X) N or ( ) S

12) **NAD 83** Longitude (DD-MM-SS.S): **115-36-00.5** ( ) E or (X) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **38.1** ( ) Feet (X) Meters

14) Tower Type (Select One):

( ) Guyed lattice tower

( ) Self-supporting lattice

(X) Monopole

( ) Other (Describe):

Project Status

15) Current Project Status (Select One):

(X) Construction has not yet commenced

( ) Construction has commenced, but is not completed — Construction commenced on: _____

( ) Construction has been completed — Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

(X) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

(X) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No
2a) Tribes/NHOs contacted through TCNS Notification Number: 283354 Number of Tribes/NHOs: 11	
2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: 0	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: **Campo Band of Mission Indians**

Contact Name

5) First Name: **Daniel**	6) MI:	7) Last Name: **Tsosie**	8) Suffix:
9) Title: **Cultural Resource Manager**			

Dates & Response

10) Date Contacted **08/15/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: **Cocopah Indian Tribe**

Contact Name

5) First Name: **Justin**	6) MI:	7) Last Name: **Brundin**	8) Suffix:
9) Title: **Cultural Resource Manager**			

Dates & Response

10) Date Contacted **08/14/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **283354** Number of Tribes/NHOs: **11**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Eastern Shoshone Tribe**

Contact Name

5) First Name: **Josh**	6) MI:	7) Last Name: **Mann**	8) Suffix:

9) Title: **THPO**

Dates & Response

10) Date Contacted **08/14/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **La Posta Band of Mission Indians**

Contact Name

5) First Name: **Gwendolyn**	6) MI:	7) Last Name: **Parada**	8) Suffix:

9) Title: **Chairperson**

Dates & Response

10) Date Contacted **08/15/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **283354** Number of Tribes/NHOs: **11**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Los Coyotes Reservation**

Contact Name

5) First Name: **Shane**	6) MI:	7) Last Name: **Chapparosa**	8) Suffix:

9) Title: **Chairman**

Dates & Response

10) Date Contacted **08/15/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Pauma/Yuima Band of Mission Indians**

Contact Name

5) First Name: **Chris**	6) MI:	7) Last Name: **Devers**	8) Suffix:

9) Title: **Cultural Clerk**

Dates & Response

10) Date Contacted **08/15/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **283354** Number of Tribes/NHOs: **11**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Quechan Indian Tribe**

Contact Name

5) First Name: **Jill**	6) MI:	7) Last Name: **McCormick**	8) Suffix:

9) Title: **Historic Preservation Officer**

Dates & Response

10) Date Contacted **08/14/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **San Pasqual Band of Diegueno Indians**

Contact Name

5) First Name: **Desiree**	6) MI:	7) Last Name: **Morales Witman**	8) Suffix:

9) Title: **THPO**

Dates & Response

10) Date Contacted **08/14/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **283354** Number of Tribes/NHOs: **11**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Skull Valley Band Goshute**

Contact Name

5) First Name: **Candace**	6) MI:	7) Last Name: **Bear**	8) Suffix:

9) Title: **Chairman**

Dates & Response

10) Date Contacted **08/15/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Torres-Martinez Desert Cahuilla Indians**

Contact Name

5) First Name: **Michael**	6) MI:	7) Last Name: **Mirelez**	8) Suffix:

9) Title: **Cultural Resources Coordinator**

Dates & Response

10) Date Contacted **08/14/2024** 11) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(X) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **283354** Number of Tribes/NHOs: **11**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Twenty Nine Palms Band of Mission Indians**

Contact Name

5) First Name: **Christopher**	6) MI: **E**	7) Last Name: **Nicosia**	8) Suffix:

9) Title: **Tribal Historic Preservation Officer**

Dates & Response

10) Date Contacted **08/15/2024** 11) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address:		
10) City:			11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:		
15) E-mail Address:				
16) Preferred means of communication: ( ) E-mail ( ) Letter ( ) Both				

Dates & Response

17) Date Contacted _____ 18) Date Replied _____

( ) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( ) Yes (X) No
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	( ) Yes (X) No
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	( ) Yes (X) No

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	( ) Yes ( ) No
12) Is this property eligible for listing on the National Register? Source: _____	( ) Yes ( ) No
13) Is this property a National Historic Landmark?	( ) Yes ( ) No

14) Direct Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

15) Visual Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: **Imperial County Planning & Zoning**

Contact Name

3) First Name: **Unknown**	4) MI:	5) Last Name: **Unknown**	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address: **801 Main Street**		
10) City: **El Centro**			11) State: **CA**	12) Zip Code: **92243**
13) Telephone Number: **(442)265-1736**		14) Fax Number:		
15) E-mail Address: **none@nonelisted.com**				

16) Preferred means of communication:

( ) E-mail

(**X**) Letter

( ) Both

Dates & Response

17) Date Contacted **10/02/2024** 18) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

19) Information on local government's role or interest (optional):

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: **City of Imperial Planning Commission**

Contact Name

3) First Name: **Unknown**	4) MI:	5) Last Name: **Unknown**	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address: **400 S Imperial Ave, Suite 101**	
10) City: **Imperial**		11) State: **CA**	12) Zip Code: **92251**
13) Telephone Number: **(760)355-1152**		14) Fax Number:	
15) E-mail Address: **none@nonelisted.com**			

16) Preferred means of communication:

( ) E-mail

(**X**) Letter

( ) Both

Dates & Response

17) Date Contacted **10/02/2024** 18) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

19) Information on local government's role or interest (optional):

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(X) Yes ( ) No

Consulting Party

2) FCC Registration Number (FRN):
3) Name: **Imperial Valley Historical Society**

Contact Name

4) First Name: **Unknown**	5) MI:	6) Last Name: **Unknown**	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	**And /Or**	10) Street Address: **373 East Aten Road**	
11) City: **Imperial**		12) State: **CA**	13) Zip Code: **92251**
14) Telephone Number: **(760)352-1165**		15) Fax Number:	
16) E-mail Address: **director@pioneersmuseum.net**			

17) Preferred means of communication:

(X) E-mail

( ) Letter

( ) Both

Dates & Response

18) Date Contacted **10/02/2024** 19) Date Replied _____

(X) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: **California Office of Historic Preservation**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name: **Ryan**	MI: **A**	Last Name: **Malek**	Suffix:

Signature: **Ryan A Malek** Date: **10/02/2024**

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type	Description	Date Entered
Resumes/Vitae	Archaeologist Garrett Johnson Resume	10/02/2024
Map Documents	Aerial Photograph	10/02/2024
Area of Potential Effects	Topographical Map with APE	10/02/2024
Tribal/NHO Involvement	TCNS Notification	10/02/2024
Tribal/NHO Involvement	TCNS Initial Email	10/02/2024
Tribal/NHO Involvement	TCNS Tribe List	10/02/2024
Additional Site Information	Construction Drawings	10/02/2024
Photographs	Site Photographs	10/02/2024
Tribal/NHO Involvement	Tribal Letters	10/02/2024
Local Government Involvement	Local Letter	10/02/2024
Public Involvement	Public Notice	10/02/2024
Historic Properties for Direct Effects	Cultural Resource Assessment Report by TEP	10/02/2024
Other	Cover Letter	10/02/2024
Other	FCC Form 620 Submission Packet Attachments	10/02/2024
State-Specific Forms	State Specific FCC Cover Sheet	10/02/2024

NEW TOWER ("NT") SUBMISSION PACKET – FCC FORM 620

Attachments

Attachment 1. Résumés/Vitae

See attached resume of Garrett Johnson, SOI Qualified Archeologist of TEP.

Attachment 2. Additional Site Information

Skyway proposes the construction of a 120-ft AGL (125-ft with appurtenances) monopole telecommunications tower to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000).

The proposed undertaking includes the construction of a 120-ft (125-ft overall with appurtenances) AGL monopole communications tower within a proposed 40-ft x 40-ft fenced tower compound, a proposed 30-ft wide x approximately 210-ft long access easement and utility easement, and a proposed 5-ft x approximately 495-ft utility easement. These areas are herein referred to as the direct APE and total approximately 9,500-ft^2 (~0.22-acres). The project area is located in a portion of Imperial County, CA where the majority of the surrounding area is occupied by residential and agricultural land uses.

Attachment 3. Tribal and NHO Involvement

TEP OPCO, LLC (TEP) filed the proposed facility with the FCC – Tower Construction Notification System (TCNS) on 08/07/2024 and was assigned TCNS #283354. In addition, TEP personnel sent, via email or standard mail, correspondence to all the applicable tribes on 10/02/2024.

Attachment 4.

TEP contacted the Imperial County Planning and Zoning, and the City of Imperial Planning Commission on October 2, 2024, and invited them to be a consulting party regarding the proposed tower construction. No comments have been received to date.

Attachment 5.

TEP placed a Public Notice in the *Imperial Valley Press* newspaper that published on 09/20/2024. See attached public notice proof. No comments have been received to date.

Attachment 6.

TEP contacted the Imperial County Historical Society on October 2, 2024 and invited them to be a consulting party regarding the proposed undertaking. No comments have been received to date.

Attachment 7.

a. The geographic area, scale and nature of the undertaking and subsequent effects of the proposed project were analyzed to determine the APE for direct effects. The determined direct APE includes the proposed 120-ft AGL (125-ft AGL with appurtenances) monopole communications tower within a 40-ft x 40-ft fenced tower compound a proposed 30-ft wide x approximately 210-ft long access easement and utility easement, and a proposed 5-ft x

approximately 495-ft utility easement. These areas total approximately 9,500-ft² (~0.22-acres). See attached Site Plan.

b. The geographic area, scale and nature of the undertaking and subsequent effects of the proposed project were analyzed to determine the APE for visual effects. Further, required background research and suggested standards in the FCC Nationwide Programmatic Agreement were reviewed to determine the APE for visual effects for the proposed project. The APE for visual effects is determined to be a 0.50-mile radius from the proposed tower site. The determined APE for visual effects is currently primarily occupied by agricultural and low-density residential land.

Attachment 8. Historic Properties Identified in the APE for Visual Effects

a. No (0) NRHP eligible properties pursuant to Section VI D.1.a. of the Nationwide PA were identified in the determined FCC 0.50-mile APE for visual effects. Background research requested by TEP personnel and fulfilled by the South Coastal Information Center at San Diego State University on July 23, 2024, resulted in the identification of no (0) historic properties within the direct Area of Potential Effect and no (0) eligible to be listed or listed on the National Register of Historic Places (NRHP) within the potential visual Area of Potential Effect (APE).

b. As of 10/02/2024 TEP has not been made aware of any additional; properties identified by comment in the determined APE for visual effects.

c. No (0) previously identified non-eligible historical archaeological sites were identified in the determined APE for visual effects identified by TEP during the research completed.

Attachment 9. Historic Properties Identified in the APE for Direct Effects

a. No (0) properties listed in or eligible for listing in the National Register of Historic Places were located within the APE for direct effects.

b. N/A

c. TEP's Garrett Johnson, an SOI qualified archaeologist, conducted a pedestrian survey and attempted subsurface investigation of the proposed tower site on August 27, 2024. TEP personnel spent approximately two hours in the field. Conditions were ideal for inventory, with sunny skies and temperatures in the high 90s. Ground surface visibility was excellent, ranging from 90-100% in the tower compound lease area and utility easement. The pedestrian survey covered 100% of the proposed project area. Pedestrian survey was spaced every 3m and oriented in east -> west transects to cover the direct APE. No (0) cultural resources were identified within the proposed project area.

Attachment 10. Effects on Identified Properties

a. No (0) historic properties in Direct APE, no (0) eligible historic properties in the Visual APE – No Effect.

b. None

c. N/A

Attachment 11. Photographs

a. See attached photograph pages completed by TEP.

b. N/A

c. N/A

d. See attached Aerial photograph.

Attachment 12. Maps

a. See attached

b. See attached

c. N/A

d. See attached

IMPERIAL (CA-00435) TOWER
IMPERIAL COUNTY, CALIFORNIA
CULTURAL RESOURCE ASSESSMENT REPORT

09/26/2024

Signature of Principal Investigator | Date

Prepared by: Garrett Johnson, MA, RA
TEP Opco, LLC
326 Tryon Road
Raleigh, NC 27603-3530
919-661-6351
gjohnson@tepgroup.net

Prepared for: Skyway Towers
3637 Madaca Ln.
Tampa Florida, 33618

Lead Agency: FCC
TCNS # 283354

September 26, 2024

Table of Contents

ABSTRACT iii
INTRODUCTION TO THE PROJECT 1
ENVIRONMENTAL SETTING 7
CULTURAL SETTING 13
Background of Imperial County 13
PREVIOUS INVESTIGATIONS AND SUMMARY OF KNOWN SITES 14
CHRIS Search Results/Previous Research 14
FIELD METHODS 14
Evaluation of Direct Effects 14
Evaluation of Visual Effects 14
SUMMARY AND RECOMMENDATIONS 14
REFERENCES 16

ABSTRACT

TEP is assisting Skyway Towers with the proposed construction of a 120-ft (125-ft overall with appurtenances) AGL monopole telecommunications tower facility. The proposed tower is to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). Installation of the telecommunications equipment is regulated by the Federal Communications Commission (FCC).

TEP conducted a cultural resources assessment of the project's direct and indirect/visual effects to meet the requirements of Section 106 of the National Historic Preservation Act (NHPA) and the Federal Communications Commission (FCC) Nationwide Programmatic Agreement (NPA) of October 4, 2004. This report summarizes the results of TEP's investigations.

Background research requested by TEP personnel and fulfilled by the South Coastal Information Center at San Diego State University on July 23, 2024, resulted in the identification of no (0) historic properties within the direct Area of Potential Effect and no (0) eligible to be listed or listed on the National Register of Historic Places (NRHP) within the potential visual Area of Potential Effect (APE). TEP conducted an archaeological investigation on August 27, 2024, and we recommend that the project will have no effect on historic properties as **no historic properties were identified within the direct APE**.

INTRODUCTION TO THE PROJECT

TEP is assisting Skyway Towers with the proposed construction of a 120-ft (125-ft overall with appurtenances) AGL monopole telecommunications tower facility. The proposed tower is to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). Installation of the telecommunications equipment is regulated by the Federal Communications Commission (FCC).

The proposed undertaking (**Figures 1-5**) consists of the 120-ft (125-ft overall with appurtenances) AGL monopole communications tower. Additionally, a proposed 40-ft x 40-ft fenced tower compound, a proposed 30-ft wide x approximately 210-ft long access easement and utility easement, and a proposed 5-ft x approximately 495-ft utility easement. These areas are herein referred to as the direct APE and total approximately 9,500-ft² (~0.22-acres).

Also pursuant to the Nationwide PA (FCC 2004), the APE for visual effects is the geographic area in which the undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a historic property that makes it eligible for listing on the National Register of Historic Places (NRHP). As the proposed tower is 200-ft tall or under, the APE for visual effects is a 0.5-mile radius from the proposed tower site.

A search of the California Historical Resources Information System's (CHRIS) database was submitted on July 14, 2024 and fulfilled by Jamie Lennox of the South Coastal Information Center at San Diego State University on July 23, 2024. The file search of the 0.5-mile radius identified no (0) historic properties within the direct APE, and no (0) historic properties within the 0.5-mi visual APE listed or recorded as eligible for listing in the NRHP.

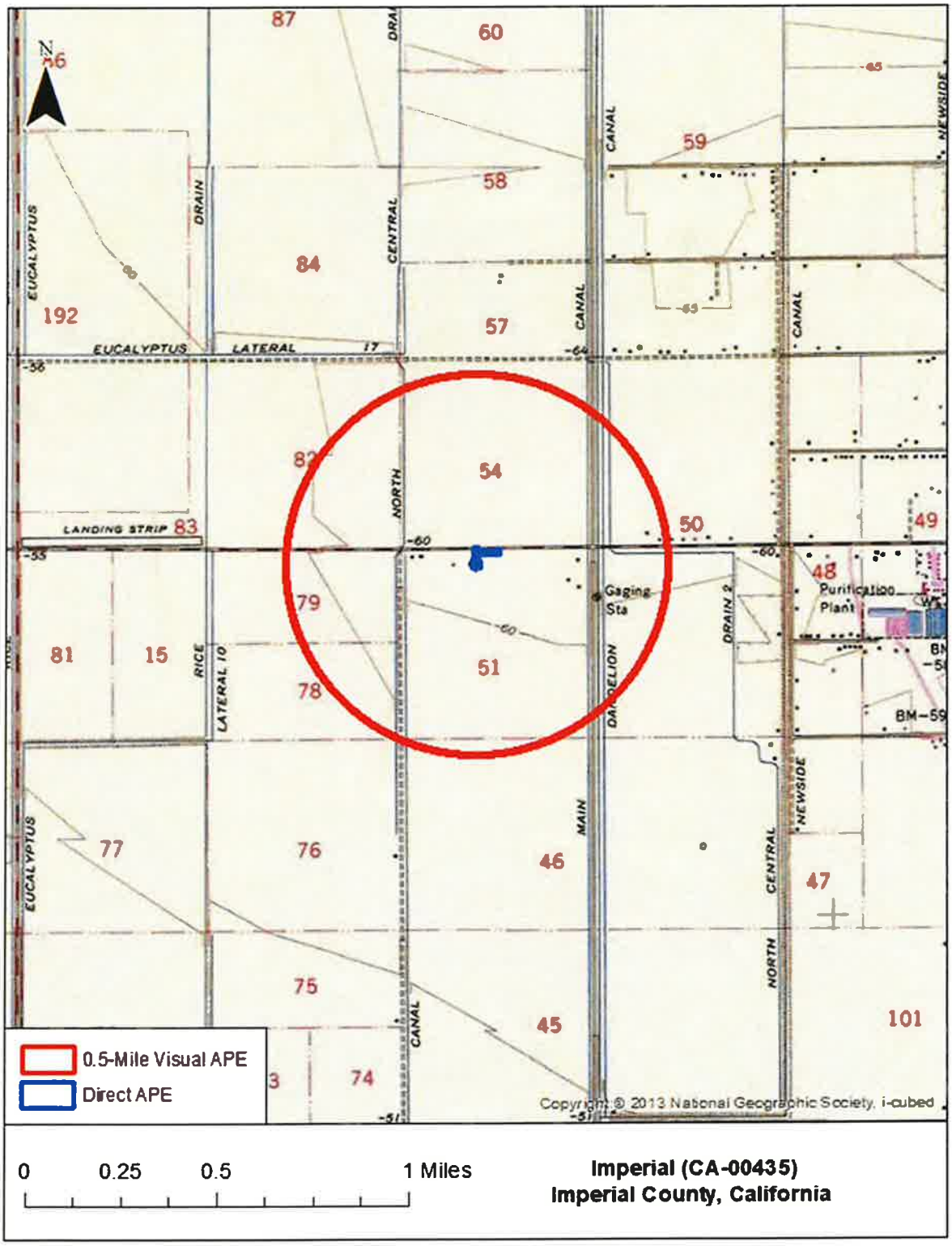


Figure 1: Project Location (El Centro, CA USGS 7.5-Minute Topographic Quadrangles)

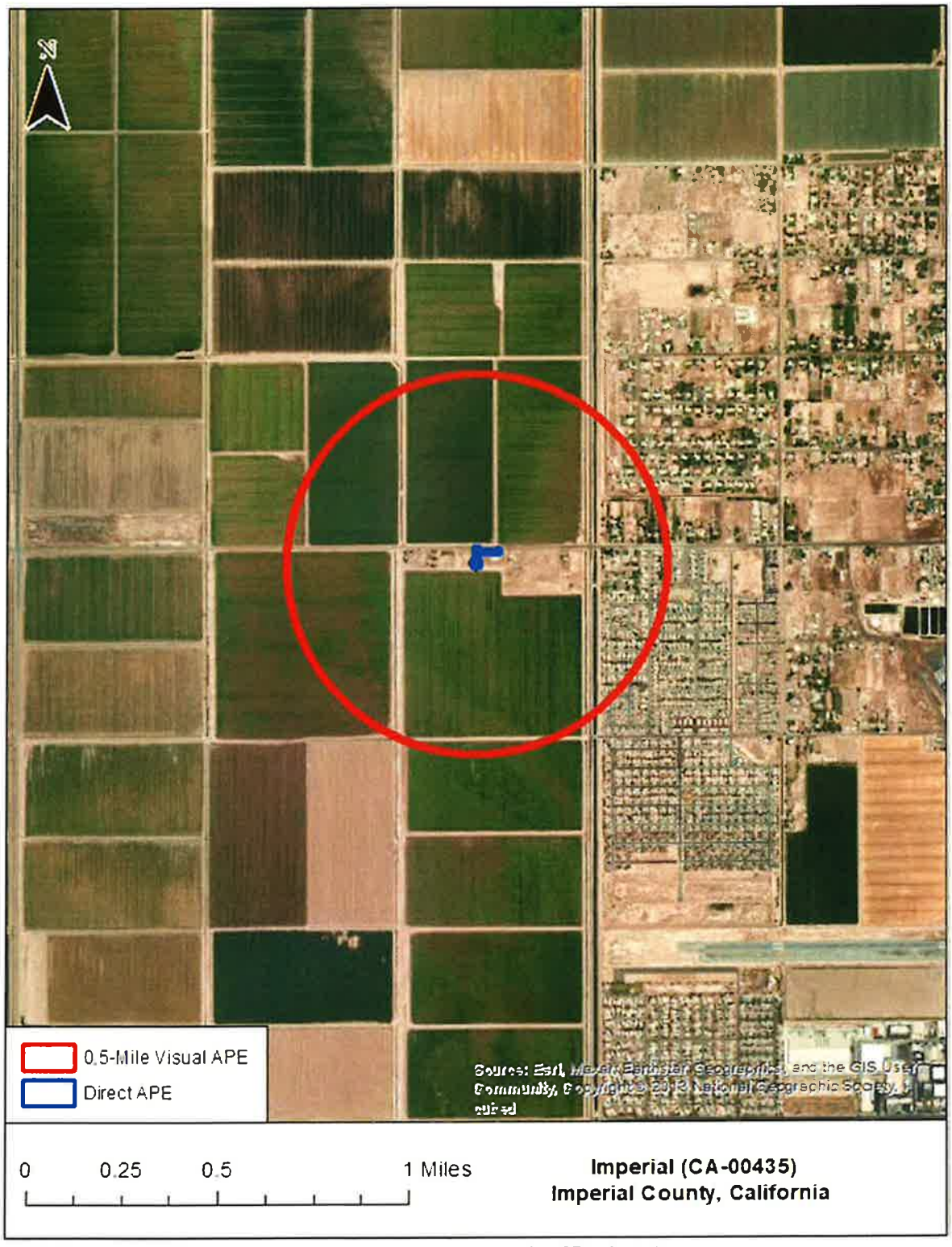


Figure 2: Aerial Photograph of Project Area

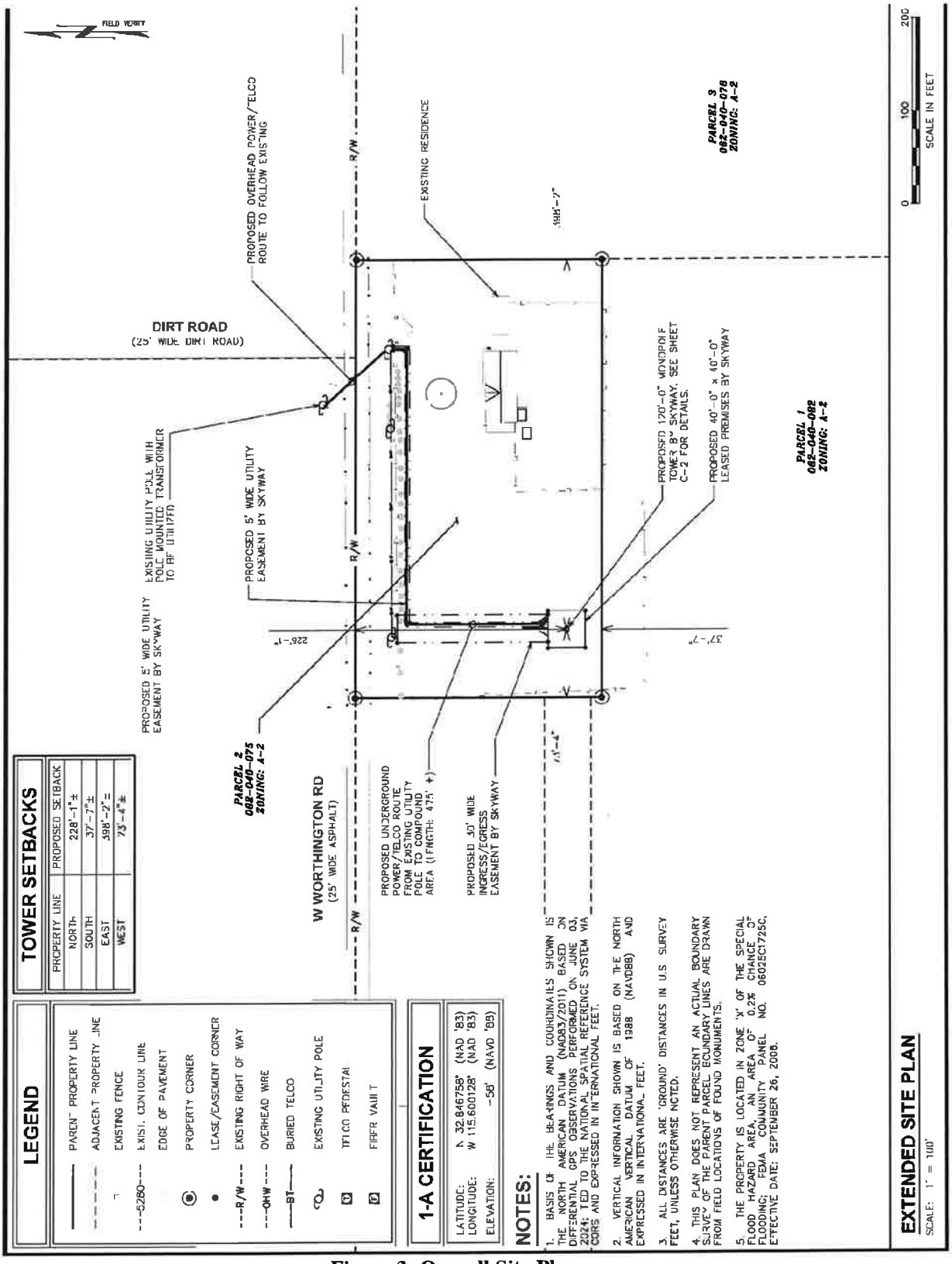


Figure 3: Overall Site Plan

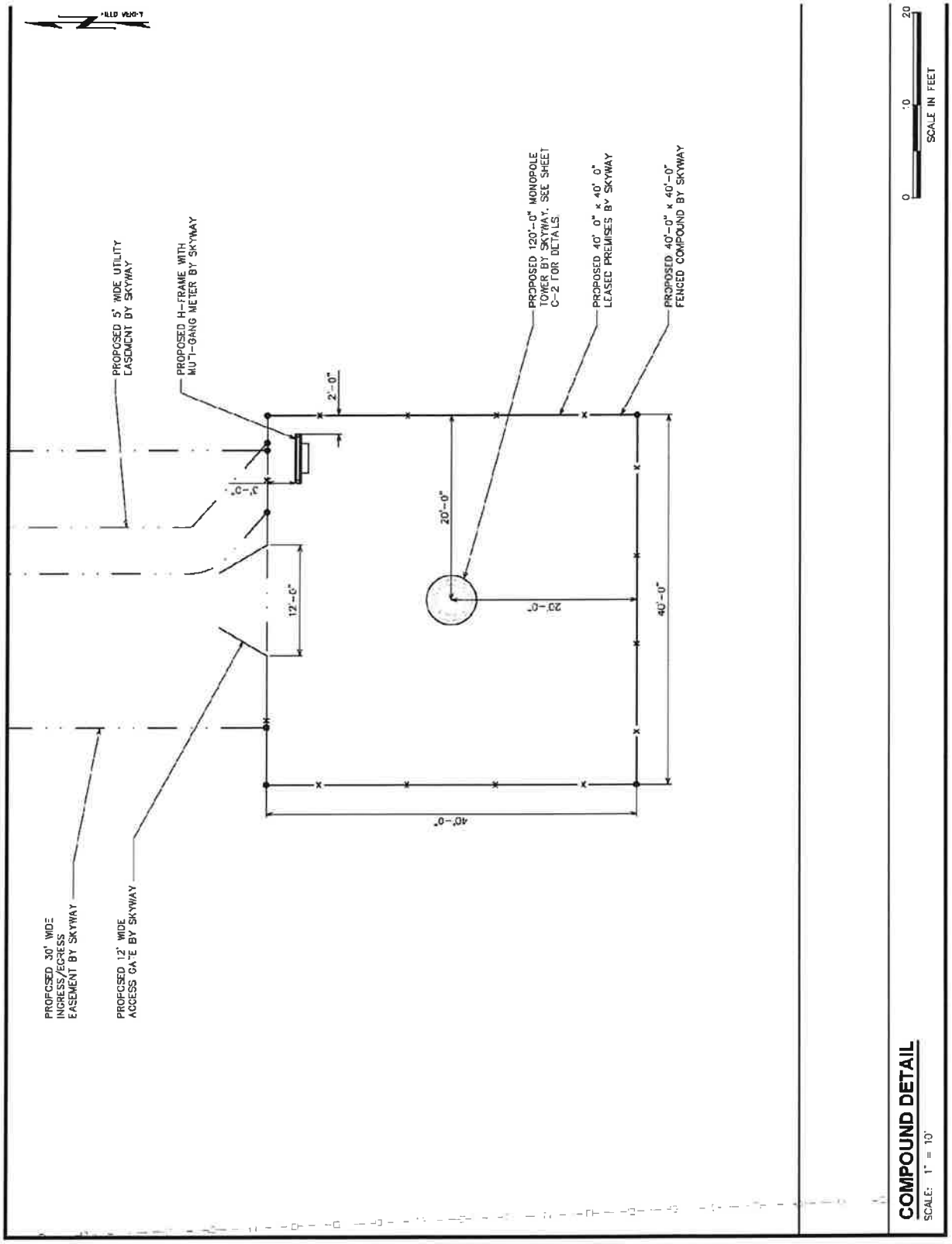


Figure 4: Tower Compound Detail Plan

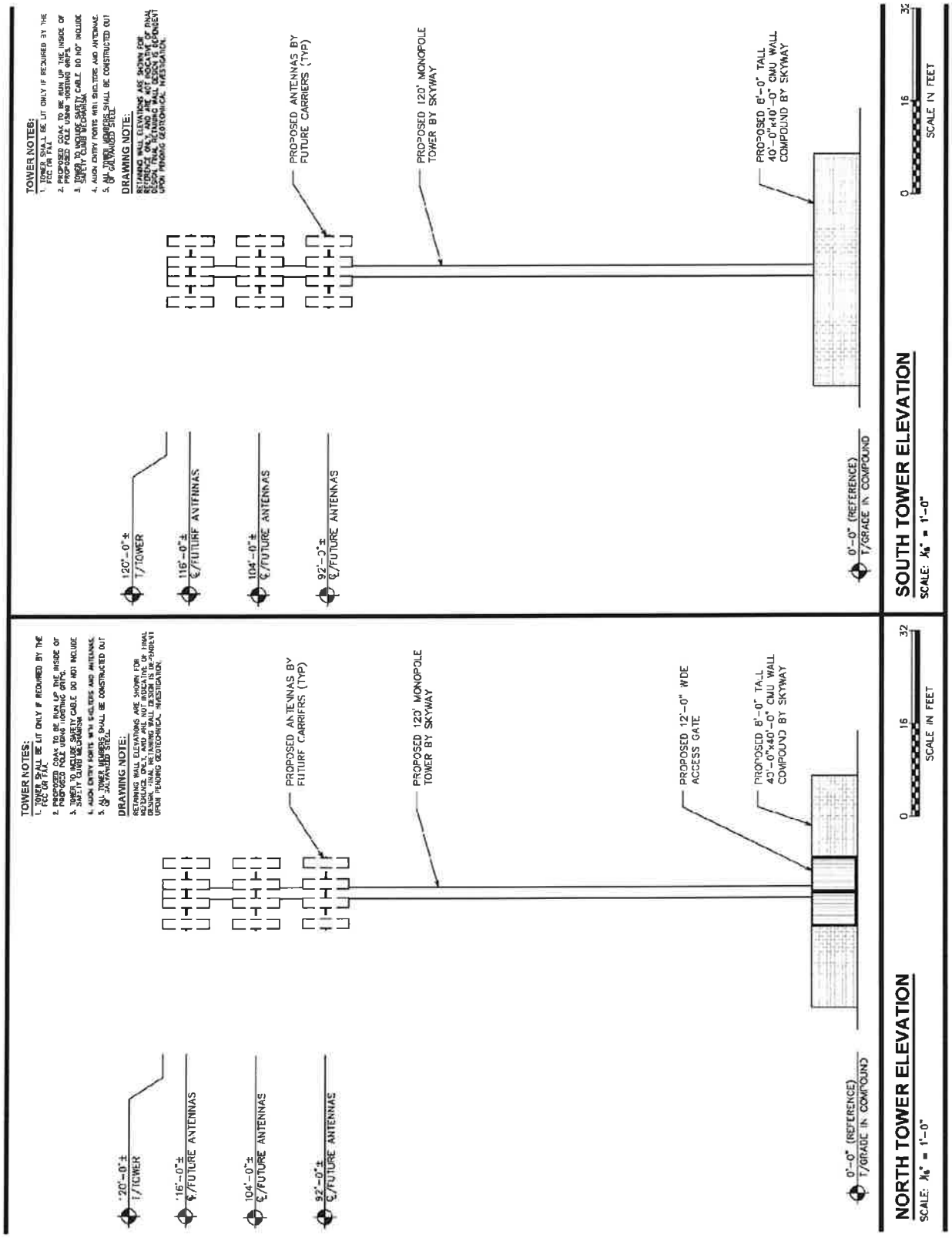


Figure 5: Tower Height Plan

ENVIRONMENTAL SETTING

According to the U.S. EPA Level IV Ecoregion of California Map, the proposed project is located within the Imperial/Lower Coachella Valleys (81f) ecoregion of Sonoran Basin and Range (81). Ecoregion 81 is Similar in topography to the Mojave Basin and Range ecoregion (14) to the north, this ecoregion contains scattered low mountains and has large tracts of federally owned land, a large portion of which is used for military training. However, the Sonoran Basin and Range ecoregion is slightly hotter than the Mojave and contains large areas of paloverde-cactus shrub and giant saguaro cactus, whereas the potential natural vegetation in the Mojave is largely creosotebush. Other typical Sonoran plants include white bursage, ocotillo, brittlebrush, creosotebush, catclaw acacia, cholla, desert saltbush, pricklypear, and mesquite. Microphyll woodland trees and shrubs, such as ironwood, blue paloverde, smoketree, and desert willow, generally are unique to this desert, occupying desert washes with occasional moisture flow. In the region, winter rainfall decreases from west to east, whereas summer rainfall decreases from east to west. Aridisols and Entisols are dominant with hyperthermic soil temperatures and extremely aridic soil moisture regimes, creating some harsh environments for plant growth (Griffith et.al. 2016).

The Imperial/Lower Coachella Valleys ecoregion occurs in the basin of PleistoceneLake Cahuilla. In the Quaternary period, the Colorado River meandered across its delta, sometimes flowing north and creating huge inland lakes in the Salton Basin. The deposited silt and sediments created rich agricultural soils and, with imported Colorado River water and anextensive canal system, cropland dominates the ecoregion's land cover. The ecoregion mostly is below sea level. The Salton Sea is a terminal lake occupying the lowest parts of the Salton Trough. The elevation of the ecoregion ranges from about 50 feet above sea level to more than 225 feet below sea level at the surface of the Salton Sea. With annual precipitation of less than 3 inches, water levels of the Salton Sea are sustained mostly by agricultural runoff, with some municipal effluent and storm water that flows into the sea through rivers and creeks in the Imperial, Coachella, and Mexicali Valleys. The Salton Sea area is a complex ecosystem of both exotic and endemic species. It has great ecological importance to wintering, migratory, and breeding waterbirds in the Pacific Flyway; however, serious problems exist with effects of increasing salinity, contaminants, disease outbreaks, and large die-offs of birds (Griffith et.al. 2016).

The proposed project area (**Figures 7-14**) is located within Imperial County where most of the surrounding property is occupied by residential and agricultural land uses. The project area is generally flat.

According to the USFWS-NWI, the closest water source is an unnamed riverine approximately 635-ft east of the proposed tower center. According to the USDA Web Soil Survey of Imperial County, California, soil within the proposed project area was identified as Imperial-Glenbar silty clay loams, wet, 0 to 2 percent slopes (Table 1). Imperial-Glenbar silty clay loams, wet, 0 to 2 percent slopes is described as moderately well drained, found on basin floors, and derived from Clayey alluvium derived from mixed and/or clayey lacustrine deposits derived from mixed. A typical profile of Imperial-Glenbar silty clay loams, wet, 0 to 2 percent slopes is silty clay loam from 0 to 60-inches.

Table 1: Project Area Soil

Soil Name	Code	Slope	Drainage	Location
Imperial-Glenbar silty clay loams, wet	115	0-2%	Moderately well drained	Basin floors



Figure 6: USDA Soils Map of the Proposed Direct APE



Figure 7: View north towards the proposed tower center



Figure 8: View south toward the proposed tower center



Figure 9: View east towards the proposed tower center



Figure 10: View west towards the proposed tower center



Figure 11: View northeast towards the proposed ingress/egress easement

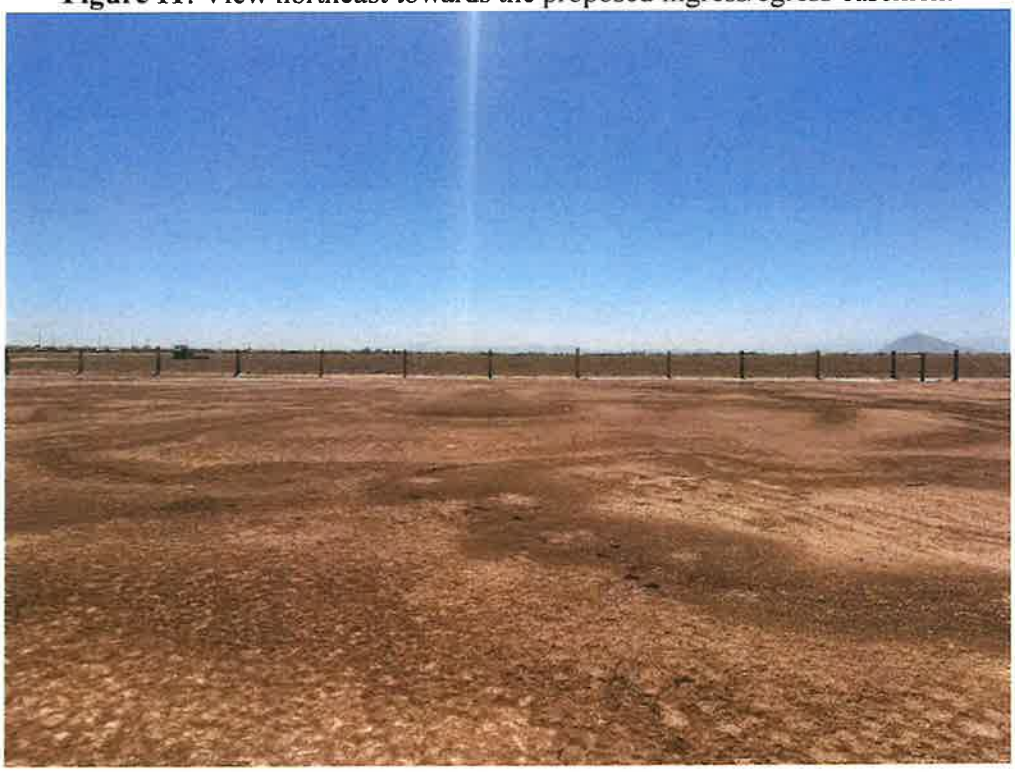


Figure 12: View north towards the proposed ingress/egress easement



Figure 13: View east towards the proposed utility easement



Figure 14: View west towards the proposed utility easement

CULTURAL SETTING

Background of Imperial County

The prehistoric background of the Colorado Desert, including Imperial County, consists of three major periods: the Paleoindian (12,000 to 8,000 years BP), the Archaic (8,000 to 1,500 years BP), and the Late Prehistoric (1,500 years BP to European Contact). Although human occupation before 12,000 years BP has been established in North and South America (Erlandson et al. 2007), the evidence for the early occupation of California is rare and controversial. Some scholars argue that these sites do exist including the Yuha Pinto Wash, Lake Manix, Calico Hill, and China Lake sites (Davis, Brown, and Nichols 1980). However, the dates assigned to these sites had been obtained from questionable materials that resulted in the archaeological community's skepticism of an early occupation in California (Erlandson et al. 2007; Sutton et al. 2007). This point of view is changing with the acceptance of occupation in Oregon and South America prior to 14,000 years BP and the discovery of two sites (Arlington Man and Daisy Cave) on the northern Channel Islands dating securely to as early as 12,700 years BP and 11,500 years BP, respectively. To date, no sites conclusively dated to before 12,000 have been identified in Imperial County (Erlandson et al. 2007; Schaefer and Laylander 2007).

Paleoindian Period (about 12,000 to 8,000 years BP):

The material culture pattern observed in Imperial County during the Paleoindian Period is often referred to as the San Dieguito Complex, which may have extended through the Early Archaic Period (see below). San Dieguito Complex sites in Imperial County are characterized by a lack of ceramics, lithic assemblages, rock features, and cleared circles (Bard 2002). The San Dieguito Complex is thought to be the material remains of a nonspecialized hunting and gathering society. Extensive evidence of occupation in the Colorado Desert during the San Dieguito period is limited, likely the combined result of highly mobile early settlement patterns as well as the instability of landforms in the Salton Basin and Colorado River Valley (Schaefer and Laylander 2007). The San Dieguito period is considered to overlap and/or coincide with several other prominent material culture patterns including the Playa culture, Lake Mohave Complex, Western Pluvial Lakes Tradition, and Western Lithic co-tradition (Laylander 2005).

Archaic Period 8,000 to 1,500 years BP:

This period is broken into two subperiods: Early (8,000 to 4,000 years BP) and Late (4,000 to 1,500 years BP) (Schaefer 1994). The Early Archaic was characterized by a drier climate and shallow and fluctuating lake levels. Early Archaic occupation is generally indicated by stone circles and sparse lithic scatters on desert pavements. The available archaeological evidence suggests that there were very low population densities during this period and forager strategies were practiced. In the Colorado Desert, archaeological sites dating to the Middle Holocene are rare. The subsequent Late Archaic (4,000 to 1,500 years BP) is characterized by the opportunistic exploitation of both large and small animals, with a greater emphasis on milling tool food processing technology to exploit seasonally available seeds and nuts.

Late Prehistoric Period:

The period between 1,500 years BP and European contact (AD 1769 in California) is commonly referred to as the Late Prehistoric Period. It was during this period that early forms of the Colorado Desert's modern ethnographic lifeways emerged. A series of dry and wet episodes characterize the climate during this period (Sutton 1996; Weide and Barker 1974). The beginning of this period was a pre-ceramic transitional phase from 1,500 to 1,250 years BP. Other cultural traits include rock art and an intricate long-distance trade network as evidenced by numerous trail systems. Also, fish traps and house pits can be found along the

northwestern shoreline of Lake Cahuilla (Schaefer and Laylander 2007). The recession of Lake Cahuilla around 300 BP prompted migratory shifts of prehistoric populations in the Colorado Desert, with some groups moving westward into the Anza-Borrego region as well as north into San Bernardino and Riverside counties, while the primary area of occupation in the Colorado Desert shifted to the Colorado River (Sutton 2011; Warren 1984).

PREVIOUS INVESTIGATIONS AND SUMMARY OF KNOWN SITES

CHRIS Search Results/Previous Research

Background research requested by TEP personnel and fulfilled by the South Coastal Information Center at San Diego State University on July 23, 2024, resulted in the identification of no (0) historic properties within the direct Area of Potential Effect and no (0) eligible to be listed or listed on the National Register of Historic Places (NRHP) within the potential visual Area of Potential Effect (APE) a TEP conducted an archaeological investigation on August 27, 2024, and we recommend that the project will have no effect on historic properties as **no historic properties were identified within the direct APE.**

FIELD METHODS

Evaluation of Direct Effects

TEP's Garrett Johnson, an SOI qualified archaeologist, conducted a pedestrian survey and attempted subsurface investigation of the proposed tower site on September 27, 2024. TEP personnel spent approximately two hours in the field. Conditions were ideal for inventory, with sunny skies and temperatures in the high 90s. Ground surface visibility was excellent, ranging from 90-100% in the tower compound lease area and utility easement. The pedestrian survey covered 100% of the proposed project area. Pedestrian survey was spaced every 3m and oriented in east -> west transects to cover the direct APE. No (0) cultural resources were identified within the proposed project area.

Evaluation of Visual Effects

Pursuant to the Nationwide PA (FCC 2004), the APE for visual effects is the geographic area in which the undertaking has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a historic property that makes it eligible for listing on the NRHP. For towers 200-ft AGL or under, the FCC-designated visual APE is 0.5-mi from the tower centerline. A file search of the 0.5-mile visual APE for the proposed project identified no (0) historic properties. Therefore, it is recommended that the proposed monopole communications facility will have no effect on historic properties, as **no historic properties were identified within the APE.**

SUMMARY AND RECOMMENDATIONS

TEP is assisting Skyway Towers with the proposed construction of a 120-ft (125-ft overall with appurtenances) AGL monopole telecommunications tower facility. The proposed tower is to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). The South Coastal Information Center file search identified no (0) historic properties within the 0.5-mile visual APE or direct APE. It is the opinion of TEP that the proposed tower will have no effect on historic properties, as **no historic properties were identified in the APE**. If the proposed tower site is altered, additional archaeological investigations may be necessary, as determined in consultation with the SHPO per the FCC Nationwide Programmatic Agreement. All background research and documentation will be stored at the Raleigh office of TEP.

Principal Investigator/SOI Qualified Archaeologist
Garrett Johnson, MA, RA
TEP OpCo, LLC
326 Tryon Road
Raleigh, NC 27603

REFERENCES

Aikens, C. M. (1983). Evaluation of early human activities and remains in the California desert. *American Antiquity, 48*(3), 660-661. https://doi.org/10.2307/280588

Erlandson, J. M., Rick, T. C., Jones, T. L., & Porcasi, J. F. (2007). One if by land, two if by sea: Who were the first Californians? In T. L. Jones & K. A. Klar (Eds.), *California prehistory: Colonization, culture, and complexity* (pp. 53–62). AltaMira Press.

Griffith, G. E., Omernik, J. M., Smith, D. W., Cook, T. D., Tallyn, E., Moseley, K., & Johnson, C. B. (2016). *Ecoregions of California* (U.S. Geological Survey Open-File Report 2016-1021). https://doi.org/10.3133/ofr20161021

Jones, T. L. (2007). *Prehistoric California: An archaeological reader*. AltaMira Press.

Natural Resources Conservation Services (NRCS). (2020). *Monterey County, California soil survey*. https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx. Accessed September 16, 2024.

Schaefer, J. (1994). The challenge of archaeological research in the Colorado Desert: Recent approaches and discoveries. *Journal of California and Great Basin Anthropology, 16*, 60–80.

Schaefer, J., & Laylander, D. (2007). The Colorado Desert: Ancient adaptations to wetlands and wastelands. In T. L. Jones & K. A. Klar (Eds.), *California prehistory: Colonization, culture, and complexity* (pp. 247–257). AltaMira Press.

Sutton, M. Q. (2011). The Palomar tradition and its place in the prehistory of Southern California. *Pacific Coast Archaeological Society Quarterly, 44*(4), 1-74.

Garrett Johnson, MA
Cultural Resources Staff Archaeologist

EDUCATION

University of South Alabama
Mobile, AL
Degree: Master of Arts (2019)
Major: Public History (CRM)

University of South Alabama
Mobile, AL
Degree: Bachelor of Arts (2014)
Major: History

WORK SUMMARY

Tower Engineering Professionals, Inc. Raleigh, NC **(October 2018 – present)**

- Cultural Resources Staff Archaeologist

- Completed Section 106 Compliance Surveys, archaeology and visual assessments for Federal Communication Commission projects throughout the U.S.
- Conduct background research
- Conduct artifact analysis and curation
- Author cultural resources management reports
- Surveys conducted in: NC, VA, FL, GA, SC, AL, MS, AR, MO, TN, KY, OH, CO, OR, ID, NE, MN, WV, SD

Southern Research: Historic Preservation Consultants. Gray, GA **(February 2018-August 2018)**

- Archaeological Field Technician

- Conducted Phase I survey archaeology in compliance with National Forest Service
- Completed background research in survey area to accompany Phase I survey
- Mapped and detailed cemetery sites within the Phase I area survey

Tennessee Valley Archaeological Research Huntsville, AL **(February 2017-January 2018)**

- Crew Lead

- Worked with Tennessee Valley Authority in compliance to Section 106 guidelines
- Conduct Phase I, II, and III archaeology on transmission lines and access roads
- Worked with the National Forest Service, the states of Mississippi, Louisiana, Tennessee, and Alabama in compliance with Section 106 Guidelines.
- Processed and maintained a database for artifacts found during Phase I, II, and III.

University of South Alabama Center for Archaeological Study **(January 2016-July 2016)**

- Field and Laboratory Intern

- Conducted background research for academic projects
- Performed Phase I and II cultural resources surveys in National Forest and Old Mobile Archaeological project
- Processed artifacts for collections recovered from field work



Tower Construction Notification

Tower Construction Notification
New Notification

Notifications Home

Your Notification has been successfully submitted to the FCC. The date for this Notification is 08/07/2024. Your Notification ID number is **283354**. Please make a note of this Notification ID — print out this page for your records. A confirmation of this submitted notification will also be emailed to the email address specified in your notification.

This system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act by providing early notification of proposed construction to Tribes and State Historic Preservation officers. This system is not to be used in place of Section 106 consultation, and use of this notification system in itself does not satisfy parties' obligations with respect to historic preservation review under the Commission's rules.

Please note: the submission of this notification is NOT to be considered a submission for Antenna Structure Registration.
Tower Structures that require antenna structure registration based on FCC Rules 47 C.F.R. Part 17 must complete FCC Form 854 after FAA clearance is obtained.

Federal Communications Commission
45 L Street NE
Washington, DC 20554
More FCC Contact Information...

Phone: 1-877-480-3201
TTY: 1-717-338-2824
Fax: 1-866-418-0232
Submit Help Request

- Web Policies & Privacy Statement
- Required Browser Plug-ins
- Customer Service Standards
- Freedom of Information Act

Tower Engineering Professionals

TEP-TCNS inbox <tcns@tepgroup.net>

Proposed Tower Structure Info - Email ID #8937103

1 message

towernotifyinfo@fcc.gov <towernotifyinfo@fcc.gov> Wed, Aug 7, 2024 at 11:08 AM
To: tcns@tepgroup.net

This Message Is From an External Sender
This message came from outside your organization.

Dear Ryan A Malek,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 08/07/2024

Notification ID: 283354
Tower Owner Individual or Entity Name: TEP for Skyway
Consultant Name: Ryan A Malek
Street Address: 326 Tryon Rd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603
Phone: 919-661-6351
Email: tcns@tepgroup.net

Structure Type: MTOWER - Monopole
Latitude: 32 deg 50 min 48.3 sec N
Longitude: 115 deg 36 min 0.5 sec W
Location Description: 749 W. Worthington Rd.
City: Imperial
State: CALIFORNIA
County: IMPERIAL

Detailed Description of Project: Proposed construction of a 120-ft AGL (125-ft AGL overall) monopole telecommunications tower and its associated tower compound facility to be located in Imperial County, CA.
Ground Elevation: -17.9 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 38.1 meters above ground level
Overall Height AMSL: 20.2 meters above mean sea level

Tower Engineering Professionals

TEP-TCNS inbox <tcns@tepgroup.net>

NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #8942692

1 message

towernotifyinfo@fcc.gov <towernotifyinfo@fcc.gov> Fri, Aug 16, 2024 at 1:01 AM
To: tcns@tepgroup.net
Cc: tcnsweekly@fcc.gov

This Message Is From an External Sender
This message came from outside your organization.

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO Josh Mann - Eastern Shoshone Tribe - (PO Box: 538) Fort Washakie, WY - jmann@easternshoshone.org - 307-335-2081 - electronic mail
Exclusions: Thank you for the recent submittal regarding your TCNS project. Based on the location of your proposed

project, the Eastern Shoshone Tribe does have an
interest in this project as required by the mandatesexpressed in 36 CFR 800, EO 13175, and the FCC Programmatic Agreement as Traditionally Associated
Peoples (TAPs) and a sovereign nation legal responsibility for heritage preservation on ancestral homelands. Please utilize our ESTHPO website for online
submittals. Our website address is: https://urldefense.com/v3/__http://www.esthpo.com__;!!JV-z9g!MFW-zLbk8sVj6AR4UZ8VnibTLCU1MeoQBP7QjMj1sAHGMimkW7jJUlX4a_oa1uYSNmxl3ylDmzQQ7ULmh2XpWq9AyuE$.
Please navigate to our Services page. On the services page there will be a Submittal button
under the Section 106 Consultation literature. The submittal button will navigate you to the upload page where can submit relevant project files for our
consultation review.

Your submission should include:
Appropriate SHPO determination or response letter
Cultural Resource Report and or Archaeological Survey Report
Photographic project site documentation
Topographic or Quadrangle Maps
Site Plans/Construction Drawings
FCC Forms 620 and 621
Lat/Long Coordinates for the proposed project.
Project Coordinator Contact Information

Our 30-day review period will commence once all project details havebeen submitted into our online database. If you have any questions, please feel free to
contact the Eastern Shoshone THPO: Joshua Mann, jmann@easternshoshone.org or by phone at: (307) 335-2081 or Shaylynn Durgin,
sdurgin@easternshoshone.org or by phoneat: (307) 335-2081. Thank you for consulting with the Eastern Shoshone Tribe.

The ancestors of the Eastern Shoshone Tribe lived a long and storied history across several states on their westward journey from the Western area to present-day Wyoming. This journey, confirmed by tribal oral history, ethnographies, and archaeological evidence, took place over multiple generations and through the present-day states of North Dakota, South Dakota, Nebraska, Kansas, Colorado, Wyoming, Montana, Idaho, Washington, Oregon, California, Utah, Nevada, Arizona, NewMexico and Texas. Significant historical resources throughout this region include major sacred sites including burial sites, occupation areas, medicinal plant and resource collection areas, and other significant traditional cultural properties (TCPs). Therefore, based on the location of your proposed project, the Eastern Shoshone Tribe does have an interest in this proposed project and are requesting to be consulted on this proposed project as required bythe mandates expressed in 36 CFR 800, EO 13175,and the FCC National Programmatic Agreement as traditionally associated peoples (TAPs) and a sovereign nation with legal responsibility for heritage preservation on ancestral homelands.

2. Cultural Resource Manager Justin Brundin - Cocopah Indian Tribe - County 15th & Avenue G Somerton, AZ - culturalres@cocopah.com; brundinj@cocopah.com - 928-627-4849 - electronic mail
Exclusions: We would like a copy of any GIS files related to the site location and areas of potential impact.

3. Historic Preservation Officer Jill McCormick - Quechan Indian Tribe - (PO Box: 1899) Yuma, AZ - historicpreservation@quechantribe.com; scottmanfred@yahoo.com - 760-572-2423 (ext: 0) - electronic mail

4. Chairman Candace Bear - Skull Valley Band Goshute - 407 Skull Valley Rd Skull Valley, UT - candaceb@svgoshutes.com; candaceb@svgoshutes.com - 435-882-4532 - electronic mail and regular mail
Exclusions: Montana And Associates LLC does not contract for Skull Valley Band of Goshute any longer. Thank you.

If the applicant/tower builder receives no response from the Skull Valley Band Goshute within 30 days after notification through TCNS, the Skull Valley Band Goshute has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Skull Valley Band Goshute in the event archaeological properties or human

remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. Cultural Resource Manager Daniel Tsosie - Campo Band of Mission Indians - 36190 Church Road Campo, CA - dtsosie@campo-nsn.gov; MarcusCuero@campo-nsn.gov - 619-760-6480 - electronic mail and regular mail

6. Chairperson Gwendolyn Parada - La Posta Band of Mission Indians - 8 Crestwood Road Boulevard, CA - lp13boots@aol.com - 619-478-2113 - electronic mail and regular mail

7. Chairman Shane Chapparosa - Los Coyotes Reservation - (PO Box: 189) Warner Springs, CA - los_coyotes@ymail.com; loscoyotes_ta@yahoo.com - 760-782-0711 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Los Coyotes Reservation within 30 days after notification through TCNS, the Los Coyotes Reservation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Los Coyotes Reservation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

8. Cultural Clerk Chris Devers - Pauma/Yuima Band of Mission Indians - (PO Box: 369) Pauma Valley, CA - cultural@pauma-nsn.gov - 760-742-1289 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Pauma/Yuima Band of Mission Indians within 30 days after notification through TCNS, the Pauma/Yuima Band of Mission Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Pauma/Yuima Band of Mission Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

9. THPO Desiree Morales Witman - San Pasqual Band of Diegueno Indians - (PO Box: 365) Valley Center, CA - thpo@sanpasqualtribe.org; angelinag@sanpasqualtribe.org - 760-749-3200 - electronic mail

If the applicant/tower builder receives no response from the San Pasqual Band of Diegueno Indians within 30 days after notification through TCNS, the San Pasqual Band of Diegueno Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the San Pasqual Band of Diegueno Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

10. Cultural Resources Coordinator Michael Mirelez - Torres-Martinez Desert Cahuilla Indians - (PO Box: 1160) Thermal, CA - mmirelez@tmtanf.org - 760-397-0300 (ext: 1213) - electronic mail

11. Tribal Historic Preservation Officer Christopher E Nicosia - Twenty Nine Palms Band of Mission Indians - 46-200 Harrison Place Coachella, CA - TNPConsultation@29palmsbomi-nsn.gov; Christopher.Nicosia@29palmsbomi-nsn.gov - 760-775-3259 (ext: 6762) - electronic mail and regular mail

Exclusions: Anthony Madrigal, Jr., Tribal Historic Preservation Officer TNPConsultation@29palmsbomi-nsn.gov. Please call (760) 863-2489, if you have any questions.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

None

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 08/07/2024
Notification ID: 283354
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: TEP for Skyway
Consultant Name: Ryan A Malek
Street Address: 326 Tryon Rd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603
Phone: 919-661-6351
Email: tcns@tepgroup.net

Structure Type: MTOWER - Monopole
Latitude: 32 deg 50 min 48.3 sec N
Longitude: 115 deg 36 min 0.5 sec W
Location Description: 749 W. Worthington Rd.
City: Imperial
State: CALIFORNIA
County: IMPERIAL
Detailed Description of Project: Proposed construction of a 120-ft AGL (125-ft AGL overall) monopole telecommunications tower and its associated tower compound facility to be located in Imperial County, CA.
Ground Elevation: -17.9 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 38.1 meters above ground level
Overall Height AMSL: 20.2 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

https://urldefense.com/v3/__https://www.fcc.gov/wireless/available-support-services__;!!JV-z9g!MFW-zLbk8sVj6AR4UZ8VnibTLCU1MeoQBP7QjMj1sAHGMimkW7jJUIX4a_oa1uYSNmxl3ylDmzQQ7ULmh2XppNaCgNE$

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

TEP

October 2, 2024

Subject: **Proposed 125-ft AGL overall with appurtenances monopole telecommunications facility**
Skyway Towers Site: Imperial (CA-00435)
FCC TCNS # 283350, Date Filed: 08/07/2024
749 W Worthington Rd.
Imperial, CA 92251
(Imperial County)

To Whom It May Concern:

TEP has been contracted by Skyway Towers to complete a NEPA Checklist (FCC Compliance Audit) for the proposes the construction of a 120-ft AGL (125-ft with appurtenances) monopole telecommunications tower to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). The proposed access road begins within the NE ¼ of the SW ¼ of Section 14, T15S, R13E, San Bernadino Meridian. The project is located within an existing commercial area.

The proposed undertaking includes the construction of the tower within a proposed 40-ft x 40-ft fenced tower compound, a proposed 30-ft wide x approximately 210-ft long access easement and utility easement, and a proposed 5-ft x approximately 495-ft utility easement. These areas are herein referred to as the direct APE and total approximately 9,500-ft² (~0.22-acres). The project area is located in a portion of Imperial County, CA where the majority of the surrounding area is occupied by residential and agricultural land uses.

The coordinates of the proposed tower location are as follows:

Latitude: N 32° 50' 48.3" (NAD 83)
Longitude: W 115° 36' 0.5" (NAD 83)

TEP's Garrett Johnson, an SOI qualified archaeologist, conducted an pedestrian survey of the direct/indirect APE on August 27, 2024, of the project area. The survey resulted in the identification of no (0) cultural resources. Additionally, on July 23, 2024, a research request by TEP personnel was fulfilled by the South Coastal Information Center at San Diego State University and resulted in the identification of no (0) historic properties within the direct APE and no (0) NRHP-listed or eligible for listing historic properties within the visual APE. The FCC designated APE for visual effects for towers less than 200-ft is determined to be a 0.50-mile radius from the proposed tower centerline.

TEP assessed the direct and visual effects of the proposed tower facility construction on August 27, 2024, to meet the requirements of Section 106 of the National Historic Preservation Act (NHPA) and the Federal Communications Commission (FCC) Nationwide Programmatic Agreement (NPA) of October 4, 2004. TEP's assessment resulted in the identification of no (0) historic properties within the direct APE, and no (0) historic properties identified within the 0.5-mi visual APE. It is the opinion of TEP that the proposed construction will have no effect on historic properties as **no historic properties were identified within the direct and visual APEs**. Please see the attached Cultural Resources report completed by TEP for further discussion.

4700 Dahlia St Denver CO 80216 O) (303) 566-9914 F) (919) 661-6350
tcns@tepgroup.net

TEP

This review of potential effects to historic properties is required by federal law, including Sections 106 and 101(d)(6) of the National Historic Preservation Act of 1966 ("NHPA") (16 U.S.C. §§ 470f and 470a(d)(6)), and the FCC's rules, including the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (the "NPA") (47 C.F.R. Part 1, Appendix B), and the Nationwide Programmatic Agreement on the Collocation of Wireless Antennas (the "CNPA") (47 C.F.R. Part 1, Appendix C).

These laws require the FCC to offer to consult with any Native American tribe that attaches religious and cultural significance to historic properties listed in or eligible for listing in the National Register of Historic Places that may be affected by an FCC-licensed project or registered tower. For that reason, TEP submitted this project to the FCC's Tower Construction Notification System ("TCNS"), which identified your tribe as having requested to be notified about telecommunications projects in Imperial County, CA.

It is the position of TEP that the proposed tower construction project does not appear to pose a threat to Native American sites of religious or cultural significance; however, we are requesting confirmation of our findings. The FCC Form 620 and attachments have been included for your review. Please provide any comments your tribe may have regarding any potential adverse impacts that the proposed undertaking may have on historic resources of religious or cultural significance.

If there are any questions, or if any additional information is needed, please do not hesitate to call. Thank you for your assistance and cooperation.

Sincerely,

Evan Lockhart Borman
Cultural Resources – Staff Architectural Historian
TEP OPCO, LLC

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

SECRETARY
Sara Dutschke
Miwok

PARLIAMENTARIAN
Wayne Nelson
Luiseño

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Bennae Calac
Pauma-Yuima Band of Luiseño Indians

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710

August 16, 2024

Logan Michel
Tower Engineering Professionals, Inc.

Via Email to: lmichel@tepgroup.net

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Imperial (CA-00435) Project, Imperial County

Dear Mr. Michel:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

    - Any report that may contain site forms, site significance, and suggested mitigation measures.

      All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Imperial County
8/16/2024

County	Tribe Name	Fed (F) Non-Fed (N)	Contact Person	Contact Address	Phone #	Fax #	Email Address	Cultural Affiliation	Counties	Last Updated
Imperial	Barona Group of the Capitan Grande	F	Art Bunce, Attorney		(760) 489-0329		buncelaw@aol.com	Diegueno	Imperial,San Diego	7/25/2023
	Campo Band of Diegueno Mission Indians	F	Daniel Tsosie, THPO	36190 Church Road, Suite 1 Campo, CA, 91906	(619) 780-6480		dtsosie@campo-nsn.gov	Diegueno	Imperial,San Diego	5/24/2024
	Campo Band of Diegueno Mission Indians	F	Marcus Cuero, Chairperson	36190 Church Road, Suite 1 Campo, CA, 91906	(619) 478-9046		marcuscuero@campo-nsn.gov	Diegueno	Imperial,San Diego	5/15/2024
	Campo Band of Diegueno Mission Indians	F	Ben Dyche, Vice Chairperson	36190 Church Road, Suite 1 Campo, CA, 91906	(619) 478-9046		bdyche@campo-nsn.gov	Diegueno	Imperial,San Diego	5/24/2024
	Ewiiaapaayp Band of Kumeyaay Indians	F	Robert Pinto, Chairperson	4054 Willows Road Alpine, CA, 91901	(619) 388-4362	(619) 445-9125	ceo@ebki-nsn.gov	Diegueno	Imperial,San Diego	
	Ewiiaapaayp Band of Kumeyaay Indians	F	Michael Garcia, Vice Chairperson	4054 Willows Road Alpine, CA, 91901	(619) 933-2200	(619) 445-9125	michaelg@leaningrock.net	Diegueno	Imperial,San Diego	
	Iipay Nation of Santa Ysabel	F	Clint Linton, Director of Cultural Resources	P.O. Box 507 Santa Ysabel, CA, 92070	(760) 803-5694		clinton@redtailenvironmental.com	Diegueno	Imperial,San Diego	11/30/2023
	Inaja-Cosmit Band of Indians	F	Rebecca Osuna, Chairperson	2005 S. Escondido Blvd. Escondido, CA, 92025	(760) 737-7628	(760) 747-8568		Diegueno	Imperial,San Diego	
	Jamul Indian Village	F	Erica Pinto, Chairperson	P.O. Box 612 Jamul, CA, 91935	(619) 669-4785	(619) 669-4817	epinto@jiv-nsn.gov	Diegueno	Imperial,San Diego	
	Jamul Indian Village	F	Lisa Cumper, Tribal Historic Preservation Officer	P.O. Box 612 Jamul, CA, 91935	(619) 669-4855		lcumper@jiv-nsn.gov	Diegueno	Imperial,San Diego	9/5/2018
	La Posta Band of Diegueno Mission Indians	F	Gwendolyn Parada, Chairperson	8 Crestwood Road Boulevard, CA, 91905	(619) 478-2113	(619) 478-2125	LP13boots@aol.com	Diegueno	Imperial,San Diego	
	Manzanita Band of Kumeyaay Nation	F	Angela Elliott Santos, Chairperson	P.O. Box 1302 Boulevard, CA, 91905	(619) 766-4930	(619) 766-4957		Diegueno	Imperial,San Diego	
	Mesa Grande Band of Diegueno Mission Indians	F	Michael Linton, Chairperson	P.O Box 270 Santa Ysabel, CA, 92070	(760) 782-3818	(760) 782-9092	mesagrandeband@msn.com	Diegueno	Imperial,San Diego	
	Quechan Tribe of the Fort Yuma Reservation	F	Manfred Scott, Acting Chairman - Kwts'an Cultural Committee	P.O. Box 1899 Yuma, AZ, 85366	(928) 210-8738		culturalcommittee@quechantribe.com	Quechan	Imperial,Kern,Los Angeles,Riverside,San Bernardino,San Diego	5/15/2023
	Quechan Tribe of the Fort Yuma Reservation	F	Jill McCormick, Historic Preservation Officer	P.O. Box 1899 Yuma, AZ, 85366	(928) 261-0254		historicpreservation@quechantribe.com	Quechan	Imperial,Kern,Los Angeles,Riverside,San Bernardino,San Diego	5/15/2023
	Quechan Tribe of the Fort Yuma Reservation	F	Jordan Joaquin, President, Quechan Tribal Council	P.O.Box 1899 Yuma, AZ, 85366	(760) 919-3600		executivesecretary@quechantribe.com	Quechan	Imperial,Kern,Los Angeles,Riverside,San Bernardino,San Diego	5/15/2023
	San Pasqual Band of Diegueno Mission Indians	F	Allen Lawson, Chairperson	P.O. Box 365 Valley Center, CA, 92082	(760) 749-3200	(760) 749-3876	allenl@sanpasqualtribe.org	Diegueno	Imperial,San Diego	
	Sycuan Band of the Kumeyaay Nation	F	Cody Martinez, Chairman	Sycuan Tribal Office: 1 Kwaaypaay Court El Cajon, CA, 92019	(619) 445-2613		cmartinez@sycuan-nsn.gov	Kumeyaay	Imperial,San Diego	8/7/2023
	Sycuan Band of the Kumeyaay Nation	F	Bernice Paipa, Cultural Resource Specialist	Sycuan Cultural Center: 910 Willow Glen Drive El Cajon, CA, 92019	(619) 445-6817		bpaipa2@sycuan-nsn.gov	Kumeyaay	Imperial,San Diego	8/7/2023
	Viejas Band of Kumeyaay Indians	F	Ernest Pingleton, THPO	1 Viejas Grade Road Alpine, CA, 91901	(619) 445-3810		epingleton@viejas-nsn.gov	Kumeyaay	Imperial,San Diego	6/29/2023
	Viejas Band of Kumeyaay Indians	F	Ray Teran, Resource Management Director	1 Viejas Grade Road Alpine, CA, 91901	(619) 659-2312		rteran@viejas-nsn.gov	Kumeyaay	Imperial,San Diego	6/29/2023

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Imperial (CA-00435) Project, Imperial County.

Record: #803-2354-234211
Report Type: NAHC Gis
Counties: Imperial
NAHC Group: All

TEP

October 17, 2024

Subject: **Proposed 125-ft AGL overall with appurtenances monopole telecommunications facility**
Skyway Towers Site: Imperial (CA-00435)
FCC TCNS # 283354, Date Filed: 08/07/2024
749 W Worthington Rd.
Imperial, CA 92251
(Imperial County)

To: **Barona Group of the Capitan Grande**
Art Bunce, Attorney
Phone: (760) 489-0329
buncelaw@aol.com

Campo Band of Diegueno Mission Indians
Daniel Tsosie, THPO
36190 Church Road, Suite 1
Campo, CA, 91906
Phone: (619) 760-6480
dtosie@campo-nsn.gov

Marcus Cuero, Chairperson
Phone: (619) 478-9046
marcuscuero@campo-nsn.gov

Ben Dyche, Vice Chairperson
Phone: (619) 478-9046
bdyche@campo-nsn.gov

Ewiiaapaayp Band of Kumeyaay Indians
Michael Garcia, Vice Chairperson
4054 Willows Road
Alpine, CA, 91901
Phone: (619) 933 - 2200
Fax: (619) 445-9126
michaelg@leaningrock.net

Robert Pinto, Chairperson
4054 Willows Road
Alpine, CA, 91901
Phone: (619) 368 - 4382
Fax: (619) 445-9126
ceo@ebki-nsn.gov

Iipay Nation of Santa Ysabel
Clint Linton, Director of Cultural Resources
P.O. Box 507
Santa Ysabel, CA, 92070
Phone: (760) 803 - 5694
clinton@redtailenvironmental.com

Inaja-Cosmit Band of Indians
Rebecca Osuna, Chairperson
2005 S. Escondido Blvd.
Escondido, CA, 92025
Phone: (760) 737 - 7628
Fax: (760) 747-8568

Jamul Indian Village
Erica Pinto, Chairperson
P.O. Box 612
Jamul, CA, 91935
Phone: (619) 669 - 4785
Fax: (619) 669-4817
epinto@jiv-nsn.gov

Lisa Cumper, Tribal Historic Preservation Officer
P.O. Box 612
Jamul, CA, 91935
Phone: (619) 669 - 4855
lcumper@jiv-nsn.gov

La Posta Band of Diegueno Mission Indians
Gwendolyn Parada, Chairperson
8 Crestwood Road
Boulevard, CA, 91905
Phone: (619) 478 - 2113
Fax: (619) 478-2125
LP13boots@aol.com

Manzanita Band of Kumeyaay Nation
Angela Elliott Santos, Chairperson
P.O. Box 1302
Boulevard, CA, 91905
Phone: (619) 766 - 4930
Fax: (619) 766-4957

Mesa Grande Band of Diegueno Mission Indians
Michael Linton, Chairperson
P.O Box 270
Santa Ysabel, CA, 92070
Phone: (760) 782 - 3818
Fax: (760) 782-9092
mesagrandeband@msn.com

Quechan Tribe of the Fort Yuma Reservation
Manfred Scott, Acting Chairman
P.O. Box 1899
Yuma, AZ 85366
Phone: (928) 210-8739
culturalcomittee@quechantribe.com

Jill McCormick, Historic Preservation Officer
Phone: (928) 261-0254
historicpreservation@quechantribe.com

San Pasqual Band of Diegueno Mission Indians
Allen Lawson, Chairperson
P.O. Box 365
Valley Center, CA 92082
Phone: (760) 749-3200
allenl@sanpasqualtribe.org

Sycuan Band of the Kumeyaay Nation
Bernice Paipa, Cultural Resource Specialist
1 Kwaaypaay Court
El Cajon, CA, 92019
Bpaipa2@sycuan-nsn.gov

Cody Martinez, Chairperson
Phone: (619) 445 - 2613
cmartinez@sycuan-nsn.gov

Viejas Band of Kumeyaay Indians
Ernest Pingleton, Tribal Historic Officer, Resource Management
1 Viejas Grade Road
Alpine, CA, 91901
Phone: (619) 445-3810
epingleton@viejas-nsn.gov

Ray Teran, Resource Management Director
Phone: (619) 659-2312
rteran@viejas-nsn.gov

TEP

TEP has been contracted by Skyway Towers to complete a NEPA Checklist (FCC Compliance Audit) for the proposed construction of a 120-ft AGL (125-ft AGL with appurtenances) monopole telecommunications tower to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). The proposed access road begins within the NE ¼ of the SW ¼ of Section 14, T15S, R13E, San Bernadino Meridian. The project is located within an existing parking area.

The proposed undertaking includes the construction of the tower within a proposed 40-ft x 40-ft fenced tower compound, a proposed 30-ft wide x approximately 210-ft long access easement and utility easement, and a proposed 5-ft x approximately 495-ft utility easement. These areas are herein referred to as the direct APE and total approximately 9,500-ft² (~0.22-acres). The project area is located in a portion of Imperial County, CA where the majority of the surrounding area is occupied by residential and agricultural land uses.

The coordinates of the proposed tower location are as follows:

Latitude: N 32° 50' 48.3" (NAD 83)
Longitude: W 115° 36' 0.5" (NAD 83)

TEP's Garrett Johnson, an SOI qualified archaeologist, conducted a pedestrian survey of the direct/indirect APE on August 27, 2024, of the project area. The survey resulted in the identification of no (0) cultural resources. Additionally, on July 23, 2024, a research request by TEP personnel was fulfilled by the South Coastal Information Center at San Diego State University and resulted in the identification of no (0) historic properties within the direct APE and no (0) NRHP-listed or eligible for listing historic properties within the visual APE. The FCC designated APE for visual effects for towers less than 200-ft is determined to be a 0.50-mile radius from the proposed tower centerline.

TEP assessed the direct and visual effects of the proposed tower facility construction on August 27, 2024, to meet the requirements of Section 106 of the National Historic Preservation Act (NHPA) and the Federal Communications Commission (FCC) Nationwide Programmatic Agreement (NPA) of October 4, 2004. TEP's assessment resulted in the identification of no (0) historic properties within the direct APE, and no (0) historic properties identified within the 0.5-mi visual APE. It is the opinion of TEP that the proposed construction will have no effect on historic properties as **no historic properties were identified within the direct and visual APEs**. Please see the attached Cultural Resources report completed by TEP for further discussion.

This review of potential effects to historic properties is required by federal law, including Sections 106 and 101(d)(6) of the National Historic Preservation Act of 1966 ("NHPA") (16 U.S.C. §§ 470f and 470a(d)(6)), and the FCC's rules, including the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (the "NPA") (47 C.F.R. Part 1, Appendix B), and the Nationwide Programmatic Agreement on the Collocation of Wireless Antennas (the "CNPA") (47 C.F.R. Part 1, Appendix C).

4700 Dahlia St Denver CO 80216 O) (303) 566-9914 F) (919) 661-6350
tcns@tepgroup.net

These laws require the FCC to offer to consult with any Native American tribe that attaches religious and cultural significance to historic properties listed in or eligible for listing in the National Register of Historic Places that may be affected by an FCC-licensed project or registered tower. For that reason, TEP submitted this project to the FCC's Tower Construction Notification System ("TCNS"), which identified your tribe as having requested to be notified about telecommunications projects in Imperial County, CA.

It is the position of TEP that the proposed tower construction project does not appear to pose a threat to Native American sites of religious or cultural significance; however, we are requesting confirmation of our findings. The FCC Form 620 and attachments have been included for your review. Please provide any comments your tribe may have regarding any potential adverse impacts that the proposed undertaking may have on historic resources of religious or cultural significance.

If there are any questions, or if any additional information is needed, please do not hesitate to call. Thank you for your assistance and cooperation.

Sincerely,

Evan Lockhart Borman
Cultural Resources – Staff Architectural Historian
TEP OPCO, LLC

AFFIDAVIT OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA

County of Imperial

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk* of the printer of the

IMPERIAL VALLEY PRESS

a newspaper of general circulation, printed and published daily in the City of El Centro, county of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

12/05/2024

All in the year 2024

I certify (or declare) under penalty of pergury that the foregoing is true and correct.

Alexis Ponce

SIGNATURE

Name of Account:
LOGAN MICHEL
Ad Number: 413399

* Printer, Foreman of the Printer, or Principal Clerk of the Printer
Date: 5th day of December, 2024
at El Centro, California.

This space is for the County Clerk's Filing Stamp:

Proof of Publication of:

Public Notice: Skyway Towers proposes the construction of a 120-ft (125-ft overall with appurtenances) AGL Monopole communications tower to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N : 062-040-075-000). Skyway Tower seeks comments from all interested persons on any potential significant impact the proposed action could have on the quality of the human environment pursuant to 47 C.F.R. Section 1.1307, including potential impacts to historic or cultural resources that are listed or eligible for listing in the National Register of Historic Places. Please submit any written comments within 30 days of this notices first publication regarding the potential effects that the proposed tower may have on **Historic Properties that are listed or eligible for inclusion on the National Register of Historic Places** to: TEP (Attn: Ryan Malek) 326 Tryon Road, Raleigh, NC 27603 Telephone: (919) 661-6351 Fax: (919) 661-6350
Published 12/5/24
#413399 D5

Column

INTERIM AD DRAFT

This is the proof of your ad scheduled to run in **Imperial Valley Press** on the dates indicated below.
If changes are needed, please contact us prior to deadline at **(760) 337-3444.**

Notice ID: SncoUWGqLwYXEKBCEnwG | **Proof Updated: Dec. 02, 2024 at 09:27am PST**
Notice Name: Skyway - Imperial (CA-00435)

See Proof on Next Page

This is not an invoice. Below is an estimated price, and it is subject to change. You will receive an invoice with the final price upon invoice creation by the publisher.

FILER

Logan Michel
lmichel@tepgroup.net
(303) 566-9929

FILING FOR

Imperial Valley Press

Columns Wide: 3
Total Column Inches: 4.25
Number of Lines: 12

Ad Class: Legals

12/05/2024: General Legal	72.62

Subtotal	$72.62
Tax	$0.00
Processing Fee	$7.26
Total	**$79.88**

Public Notice: Skyway Towers proposes the construction of a 120-ft (125-ft overall with appurtenances) AGL Monopole communications tower to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd. in Imperial County, CA (P/N : 062-040-075-000). Skyway Tower seeks comments from all interested persons on any potential significant impact the proposed action could have on the quality of the human environment pursuant to 47 C.F.R. Section 1.1307, including potential impacts to historic or cultural resources that are listed or eligible for listing in the National Register of Historic Places. Please submit any written comments within 30 days of this notice's first publication regarding the potential effects that the proposed tower may have on **Historic Properties that are listed or eligible for inclusion on the National Register of Historic Places** to: TEP (Attn: Ryan Malek) 326 Tryon Road, Raleigh, NC 27603 Telephone: (919) 661-6351 Fax: (919) 661-6350
Published 12/5/24
Legal ######

TEP

October 2, 2024

Subject: **Proposed 125-ft AGL overall with appurtenances monopole telecommunications facility**
Skyway Towers Site: Imperial (CA-00435)
FCC TCNS # 283350, Date Filed: 08/07/2024
749 W Worthington Rd.
Imperial, CA 92251
(Imperial County)

To Whom It May Concern:

I am writing on behalf of Skyway Towers and the Federal Communications Commission ("FCC"), regarding a wireless telecommunications project that Skyway Towers proposes to construct in Imperial County, California.

In order to provide new coverage and enhanced coverage to Imperial County, CA, Skyway Towers proposes the construction of a 120-ft AGL (125-ft with appurtenances) monopole telecommunications tower to be located at 749 W Worthington Rd. in the City of Imperial, W of Austin Rd, in Imperial County, CA (P/N: 062-040-075-000). We have enclosed for your review documents that describe this project, including a USGS Quadrangle map, and aerial image, and photographs of the proposed site.

Skyway Towers is reaching out to invite you to participate and provide input in the federally mandated review of the potential effects the proposed facility could have on historic properties. This review is conducted by Skyway Towers under the oversight of the FCC and includes input from the State Historic Preservation Officer ("SHPO"), interested federally recognized Tribes, and the public. The focus of this review is twofold: (1) whether or not any historic properties may exist in the area of this project; and (2) if so, whether the project may cause any effects to such properties.

If you wish to participate in this historic review process, you are entitled to be a consulting party as envisioned by the National Historic Preservation Act. As a consulting party, you would be provided with copies of all documents and submissions made to the SHPO, be notified of developments in historic review process, be entitled to consult and comment on the identification of historic properties in the designated area of potential effects ("APE"), provide input on any potential effects to historic properties, and the resolution of any adverse effects. Your participation would bring an additional perspective to the process.

Please let us know within 30 days of receipt of this letter: 1) whether you wish to become a consulting party, or 2) if you do not wish to become a consulting party. If you choose not to become a consulting party, your comments are still welcome and should be provided within 30 days of receipt. In addition, please feel free to call me if you have any questions or would like further information about this particular project or historic review process.

I thank you in advance for your consideration of this request and your attention to this matter.

Sincerely,

Evan Lockhart Borman
Cultural Resources – Staff Architectural Historian
TEP OPCO, LLC
4700 Dahlia St Denver CO 80216 O) (303) 566-9914 F) (919) 661-6350
tcns@tepgroup.net

SKYWAY SITE #:	CA-00435
SITE NAME:	IMPERIAL
PROJECT DESCRIPTION:	PROPOSED WIRELESS TELECOMMUNICATION FACILITY
TOWER TYPE:	120' MONOPOLE
SITE ADDRESS:	749 WEST WORTHINGTON RD. IMPERIAL, CA 00435 (IMPERIAL COUNTY)
JURISDICTION:	IMPERIAL COUNTY
LEGAL DESCRIPTION:	PAR 2 PM 926 OF TR 51 15-13 2.89AC
LEASE AREA:	1,600 ± S.F. (0.0367 AC.)
ANTICIPATED CONSTRUCTION COST :	T.B.D.
PROPERTY CATEGORY:	RP - REAL PROPERTY
PROPERTY TYPE:	A-2 - AGRICULTURE
PARCEL #:	062-040-075

PROJECT INFORMATION

LATITUDE N 32.846758° (NAD '83)
LONGITUDE W 115.600128° (NAD'83)
GROUND ELEV. (AMSL) -58.65' (NAVD '88)
*INFORMATION PROVIDED IN THE FORM OF A 1-A CERTIFICATION PROVIDED BY CELL SITE CONCEPTS ON JUNE 5, 2024.

1-A CERTIFICATION

PLANS PREPARED FOR:

SKYWAY TOWERS

3637 MADACA LANE
TAMPA, FL 33618

SITE NAME: CA-00435 IMPERIAL
749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

N 32.846758° W 115.600128°

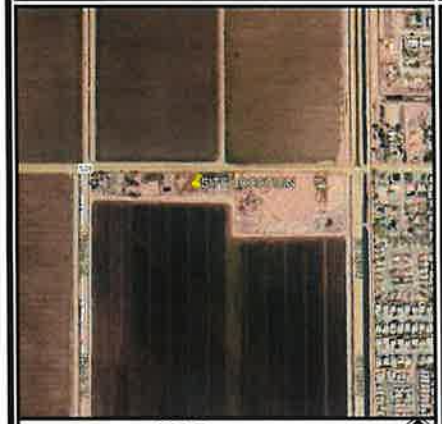
PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB



LOCATION MAP

FROM IMPERIAL COUNTY AIRPORT: HEAD SOUTHEAST TOWARD N IMPERIAL AVE, TURN LEFT TOWARD AIRPORT RD, TURN RIGHT ONTO AIRPORT RD, TURN RIGHT ONTO N IMPERIAL AVE, TURN RIGHT AT THE 1ST CROSS STREET ONTO W ATEN RD, TURN RIGHT ONTO AUSTIN RD, TURN LEFT ONTO W WORTHINGTON RD.

DRIVING DIRECTIONS

TOWER OWNER:
NAME: SKYWAY TOWERS
ADDRESS: 3637 MADACA LANE
CITY, STATE, ZIP: TAMPA, FL 33618
CONTACT: JUSTIN JONES
PHONE: (813) 960-6217

SITE ACQUISITION:
NAME: TEP OPCO, LLC
ADDRESS: 4710 E ELWOOD ST, STE 9
CITY, STATE, ZIP: PHOENIX, AZ 85040
CONTACT: JEN KELLY
PHONE: (480) 220-6022

SURVEYOR:
NAME: CELL SITE CONCEPTS
ADDRESS: 16885 VIA DEL CAMPO CT, STE 318
CITY, STATE, ZIP: SAN DIEGO, CA 92127
CONTACT: RAFI HANNA
PHONE: (858) 432-4112

CIVIL ENGINEER:
NAME: TEP OPCO, LLC
ADDRESS: 4710 E ELWOOD ST, STE 9
CITY, STATE, ZIP: PHOENIX, AZ 85040
CONTACT: STEPHEN BUNTING, PE
PHONE: (919) 661-6351

PROPERTY OWNER:
NAME: CALDERON HENRY F & SARA JT
ADDRESS: 749 W WORTHINGTON RD,
CITY, STATE, ZIP: IMPERIAL, CA 92251
CONTACT: UNKNOWN
PHONE: UNKNOWN

CONTACT INFORMATION

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

1. CALIFORNIA BUILDING CODE (2022 EDITION)
2. LOCAL BUILDING CODE
3. CITY/COUNTY ORDINANCES
4. ANSI/TIA/EIA-222-H
5. CALIFORNIA ELECTRIC CODE (2022 EDITION)
6. CALIFORNIA FIRE CODE (2022 EDITION)

CODE COMPLIANCE

811 Know what's below. Call before you dig.

Know what's **below.** **Call** before you dig.

THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER/ SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY STATEMENT

UTILITIES:
POWER COMPANY: IMPERIAL IRRIGATION DISTRICT
CONTACT: CUSTOMER SERVICE
PHONE: (800) 303-7756

TELEPHONE COMPANY: SPECTRUM
CONTACT: CUSTOMER SERVICE
PHONE: (888) 369-2408

SHEET	DESCRIPTION	REV
T1	TITLE SHEET	0
N1	GENERAL NOTES	0
C1	EXTENDED SITE PLAN	0
C2	SITE PLAN	0
C3	COMPOUND DETAIL	0
C4	NORTH & SOUTH TOWER ELEVATIONS	0
C5	ANTENNA PLAN & SCHEDULE	0
C6	FENCE DETAILS	0

INDEX OF SHEETS

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

SEAL:

SHEET NUMBER: T-1

REVISION: 0

TEP #: 341053.968640

1. ALL REFERENCES MADE TO OWNER IN THESE DOCUMENTS SHALL BE CONSIDERED SKYWAY TOWERS OR IT'S DESIGNATED REPRESENTATIVE.
2. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF CALIFORNIA.
3. THE STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH ANSI/TIA-222-H. THIS CONFORMS TO THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, 2022 EDITION.
4. WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, 2022 EDITION.
5. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
6. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
7. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND IT'S COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
8. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
9. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK. RENTAL CHARGES, SAFETY, PROTECTION AND MAINTENANCE OF RENTED EQUIPMENT SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
11. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE LESSEE PROJECT MANAGER.
12. BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWINGS ARE INTENDED TO AID CONTRACTOR/OWNER. CONTRACTOR/OWNER SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
13. ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
14. 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) ENGINEER.
15. THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC.) ALL MATERIAL NOT SUITABLE FOR SUBGRADE IN ITS PRESENT STATE. AFTER REWORKING, IF THE MATERIAL REMAINS UNSUITABLE, THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL. ALL SUBGRADES SHALL BE PROOFROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIAL SHALL BE REWORKED OR REPLACED.
16. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PIPES, DITCHES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURE IN OPERABLE CONDITION.
17. THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.
18. ANY BUILDINGS ON THIS SITE ARE INTENDED TO SHELTER EQUIPMENT WHICH WILL ONLY BE PERIODICALLY MAINTAINED AND ARE NOT INTENDED FOR HUMAN OCCUPANCY.
19. TEMPORARY FACILITIES FOR PROTECTION OF TOOLS AND EQUIPMENT SHALL CONFORM TO LOCAL REGULATIONS AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
20. THE CONTRACTOR AND ITS SUBCONTRACTORS SHALL CARRY LIABILITY INSURANCE IN THE AMOUNTS AND FORM IN ACCORDANCE WITH THE LESSEE SPECIFICATIONS. CERTIFICATES DEMONSTRATING PROOF OF COVERAGE SHALL BE PROVIDED TO THE LESSEE PRIOR TO THE START OF THE WORK ON THE PROJECT.
21. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY SERVICES TO VERIFY LOCATIONS OF EXISTING UTILITIES AND REQUIREMENTS FOR NEW UTILITY CONNECTIONS PRIOR TO EXCAVATING.
22. THE CONTRACTOR SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE SITE PRIOR TO SUBSTANTIAL COMPLETION AND PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL FURNISH ONE 55 GALLON BARREL, AND TRASH BAGS, AND SHALL REMOVE TRASH, DEBRIS, ETC., ON A DAILY BASIS.
23. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS WITH THOSE AT THE SITE. ANY VARIATION WHICH REQUIRES PHYSICAL CHANGE SHALL BE BROUGHT TO THE ATTENTION OF THE SKYWAY TOWERS PROJECT ENGINEER FOR FACILITIES/CONSTRUCTION.
24. THE CONTRACTOR SHALL GUARANTEE THE WORK PERFORMED ON THE PROJECT BY THE CONTRACTOR AND ANY OR ALL OF THE SUBCONTRACTORS WHO PERFORMED WORK FOR THE CONTRACTOR ON THIS PROJECT. THE GUARANTEE SHALL BE FOR A FULL YEAR FOLLOWING ISSUANCE OF THE FINAL PAYMENT OF RETAINAGE. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.

UTILITY NOTES

1. APPLY FOR THE UTILITY SERVICE (ELECTRIC) NO LATER THAN THE NEXT BUSINESS DAY FOLLOWING AWARD OF CONTRACT. COORDINATE WITH THE ELECTRIC UTILITY COMPANY FOR EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND THE SERVICE ROUTING. COORIDNATE WITH THE TELEPHONE UTILITY COMPANY FOR EXACT TELEPHONE REQUIREMENTS AND ROUTING OF SERVICE.
2. ALL UTILITY RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE UTILITY REQUIREMENTS. FIELD VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL CONTACT UTILITIES AND LOCATOR SERVICE A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION. (CA ONE-CALL 800-642-2444).
4. CONTRACTOR SHALL PROVIDE TRENCHING AND CONDUITS AS SHOWN OR AS REQUIRED BY LOCAL UTILITY.
5. NO PENETRATIONS TO THE TOWER FOUNDATION OF ANY KIND.

GENERAL NOTES

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARD

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER: **N-1**

REVISION: **0**

TEP 541053.968646

LEGEND

- PARENT PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING FENCE
- EXIST. CONTOUR LINE
- EDGE OF PAVEMENT
- PROPERTY CORNER
- LEASE/EASEMENT CORNER
- EXISTING RIGHT OF WAY
- OVERHEAD WIRE
- BURIED TELCO
- EXISTING UTILITY POLE
- TELCO PEDESTAL
- FIBER VAULT

TOWER SETBACKS

PROPERTY LINE	PROPOSED SETBACK
NORTH	228'-1"±
SOUTH	37'-7"±
EAST	398'-2"±
WEST	73'-4"±

1-A CERTIFICATION

LATITUDE:	N 32.846758° (NAD '83)
LONGITUDE:	W 115.600128° (NAD '83)
ELEVATION:	-58.65' (NAVD '88)

NOTES:

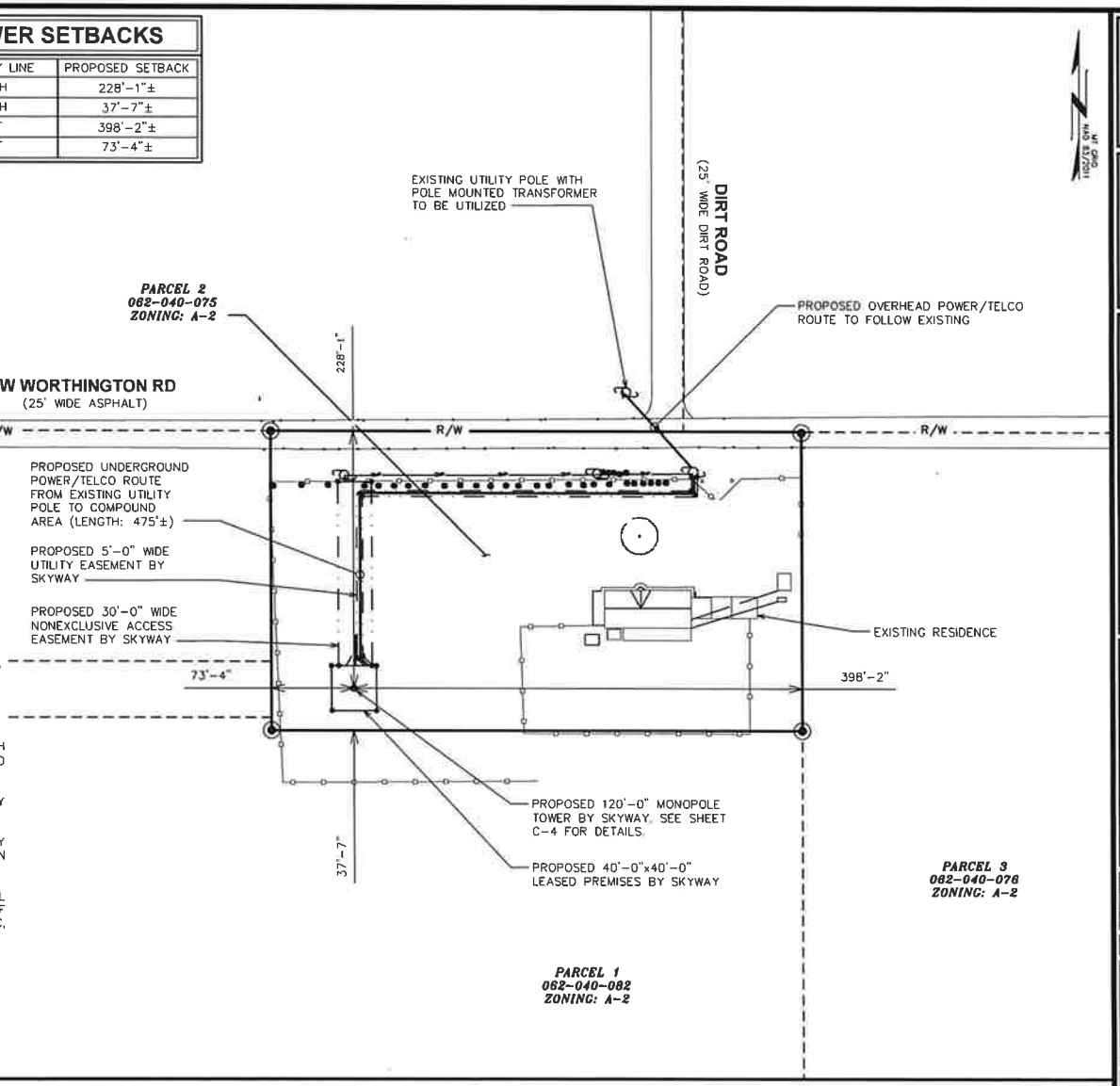
1. GEODETIC COORDINATES AND ELEVATIONS WERE ESTABLISHED USING G.P.S. AND SURVEY GRADE PRECISION BASED ON CALVRS G.P.S. BROADCAST COORDINATE VALUES FOR 2017, NAVD 88
BENCHMARK REFERENCE: CRTN.

2. VERTICAL INFORMATION SHOWN IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND EXPRESSED IN INTERNATIONAL FEET.

3. ALL DISTANCES ARE 'GROUND' DISTANCES IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED.

4. THIS PLAN DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE PARENT PARCEL. BOUNDARY LINES ARE DRAWN FROM FIELD LOCATIONS OF FOUND MONUMENTS.

5. THE PROPERTY IS LOCATED IN ZONE 'X' OF THE SPECIAL FLOOD HAZARD AREA, AN AREA OF 0.2% CHANCE OF FLOODING; FEMA COMMUNITY PANEL NO. 06025C1725C, EFFECTIVE DATE: SEPTEMBER 26, 2008.



EXTENDED SITE PLAN

SCALE: 1" = 100'

SCALE IN FEET: 0 100 200

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

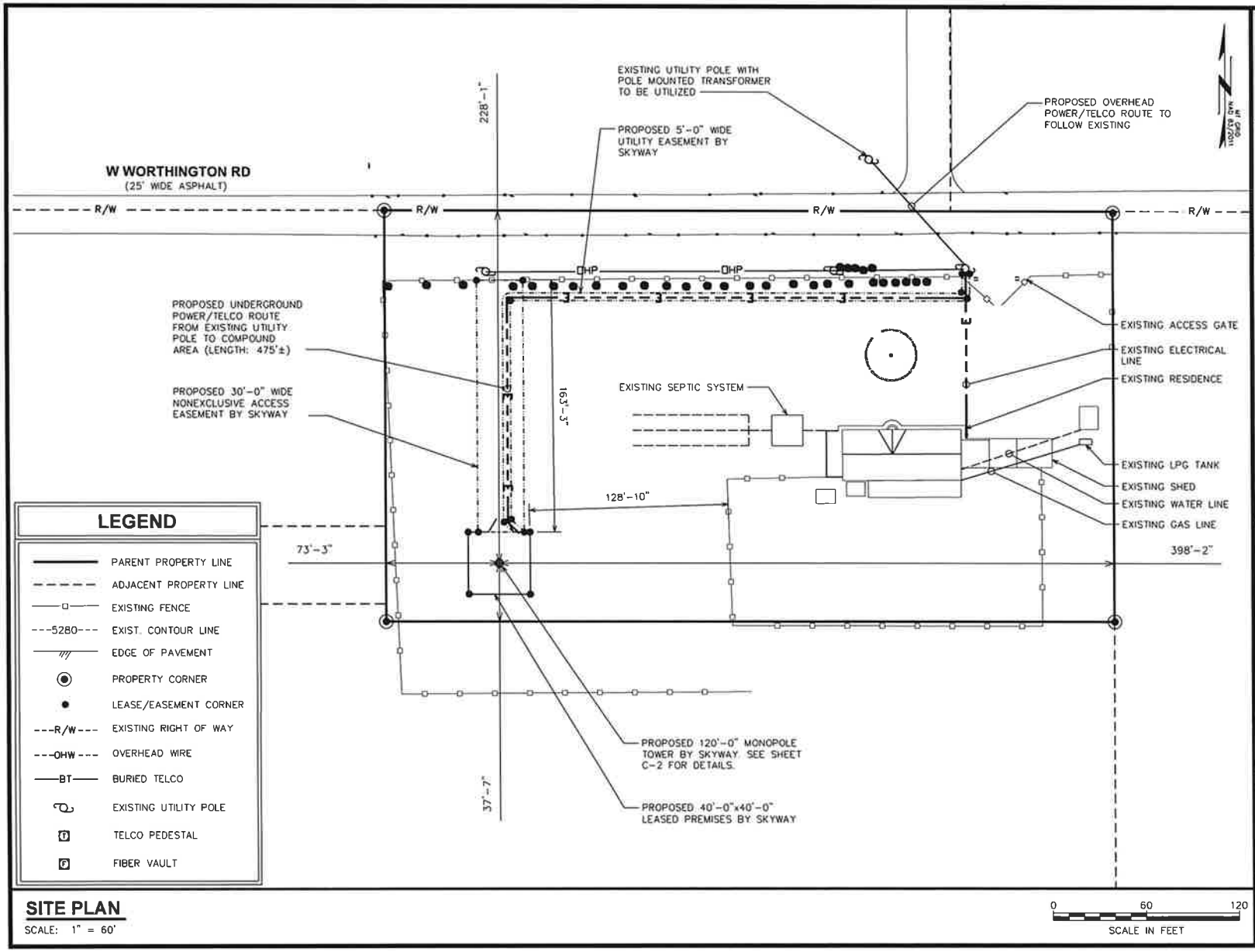
SHEET TITLE:

EXTENDED SITE PLAN

SHEET NUMBER: **C-1**

REVISION: 0

TEP #34053.P0004C



PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

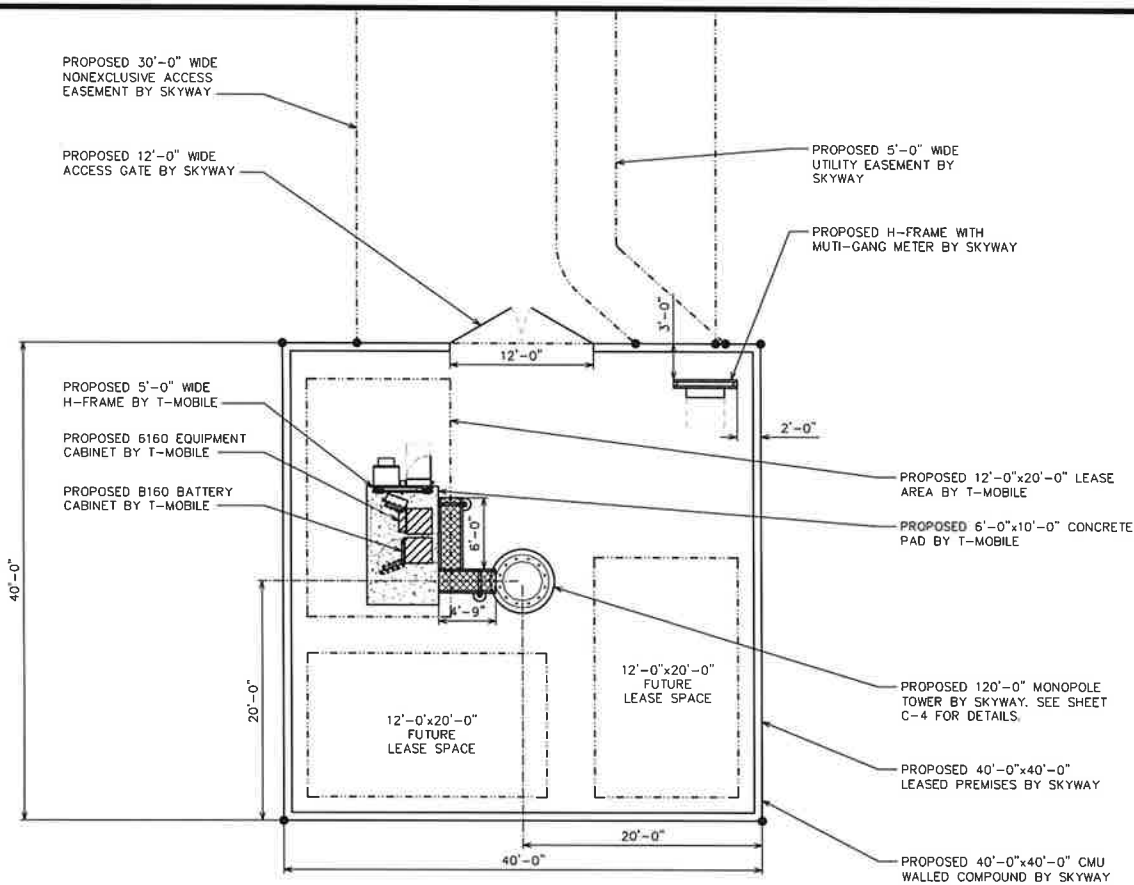
SHEET TITLE:

SITE PLAN

SHEET NUMBER: **C-2**

REVISION: **0**

TEP #341053.9C8C45



COMPOUND DETAIL

SCALE: 1" = 10'

0 10 20

SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

SHEET TITLE:

COMPOUND DETAIL

SHEET NUMBER: **C-3**

REVISION: **0**

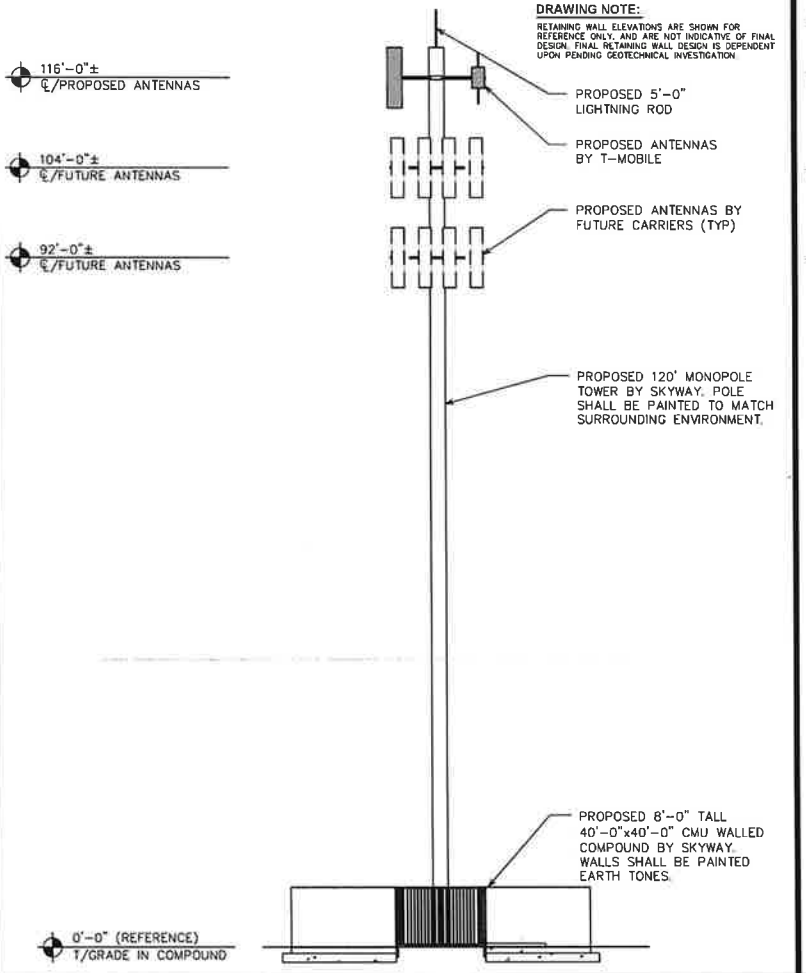
TEP #341053.968646

TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.
6. PAINT POLE TO MATCH SURROUNDING ENVIRONMENT.

DRAWING NOTE:

RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.



NORTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

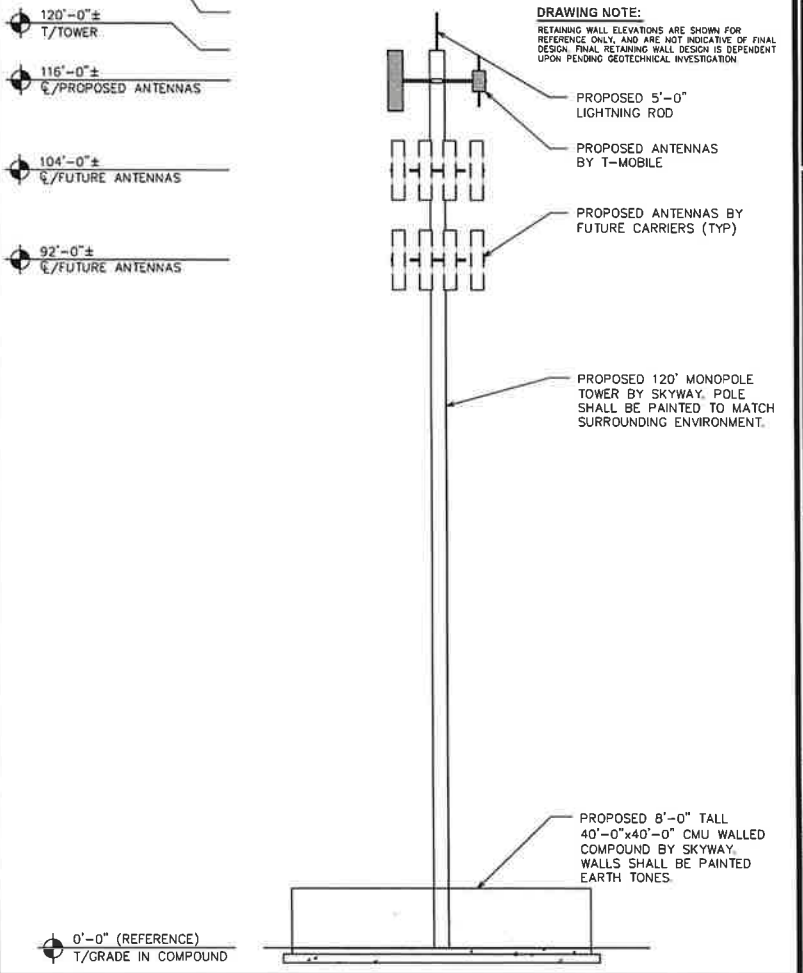
0 16 32
SCALE IN FEET

TOWER NOTES:

1. TOWER SHALL BE LIT ONLY IF REQUIRED BY THE FCC OR FAA.
2. PROPOSED COAX TO BE RUN UP THE INSIDE OF PROPOSED POLE USING HOISTING GRIPS.
3. TOWER TO INCLUDE SAFETY CABLE. DO NOT INCLUDE SAFETY CLIMB MECHANISM.
4. ALIGN ENTRY PORTS WITH SHELTERS AND ANTENNAS.
5. ALL TOWER MEMBERS SHALL BE CONSTRUCTED OUT OF GALVANIZED STEEL.
6. PAINT POLE TO MATCH SURROUNDING ENVIRONMENT.

DRAWING NOTE:

RETAINING WALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY, AND ARE NOT INDICATIVE OF FINAL DESIGN. FINAL RETAINING WALL DESIGN IS DEPENDENT UPON PENDING GEOTECHNICAL INVESTIGATION.



SOUTH TOWER ELEVATION

SCALE: 1/16" = 1'-0"

0 16 32
SCALE IN FEET

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

DRAWN BY: ASD | CHECKED BY: ARB

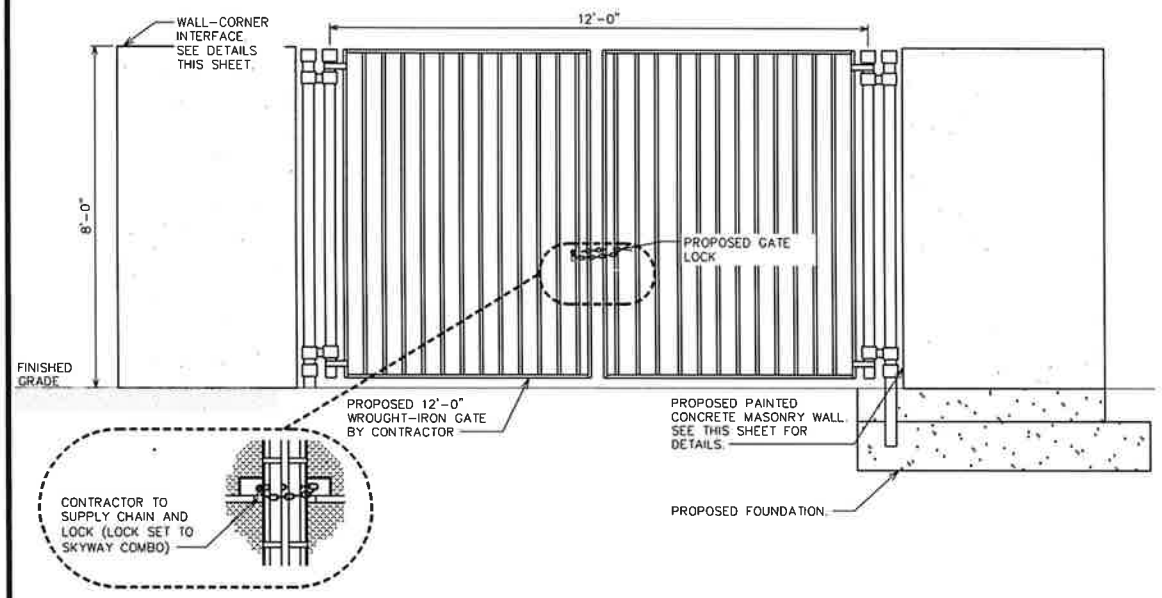
SHEET TITLE:

NORTH & SOUTH TOWER ELEVATIONS

SHEET NUMBER: **C-4**

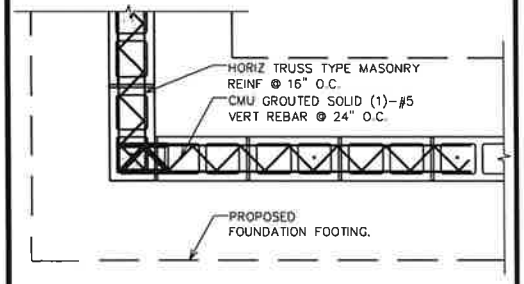
REVISION: **0**

TEP 341053.960646



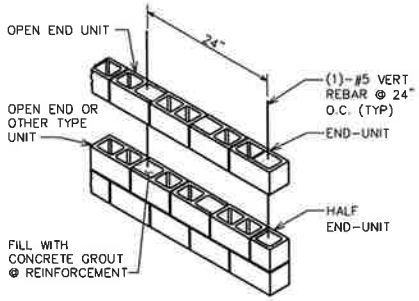
TYPICAL FENCE ELEVATION

SCALE: N.T.S.



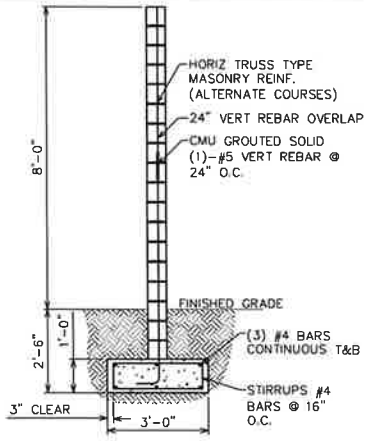
CMU WALL-CORNER INTERFACE DETAIL

SCALE: N.T.S.



CMU GROUTING & REINFORCEMENT DETAIL

SCALE: N.T.S.



CMU WALL CROSS SECTION DETAIL

SCALE: N.T.S.

PLANS PREPARED FOR:

SKYWAY TOWERS
3637 MADACA LN.
TAMPA, FL 33618
OFFICE: (813) 960-6217

PROJECT INFORMATION:

IMPERIAL
SKYWAY SITE#: CA-00435

749 WEST WORTHINGTON RD.
IMPERIAL, CA 92251
(IMPERIAL COUNTY)

PLANS PREPARED BY:

TEP

TEP OPCO, LLC
4710 E ELWOOD ST, STE 9
PHOENIX, AZ 85040
OFFICE: (919) 661-6351
www.tepgroup.net

SEAL:

REGISTERED PROFESSIONAL ENGINEER
STEPHEN BUNTING
91898
CIVIL
STATE OF CALIFORNIA

September 17, 2024

REV	DATE	ISSUED FOR:
0	09-17-24	ZONING

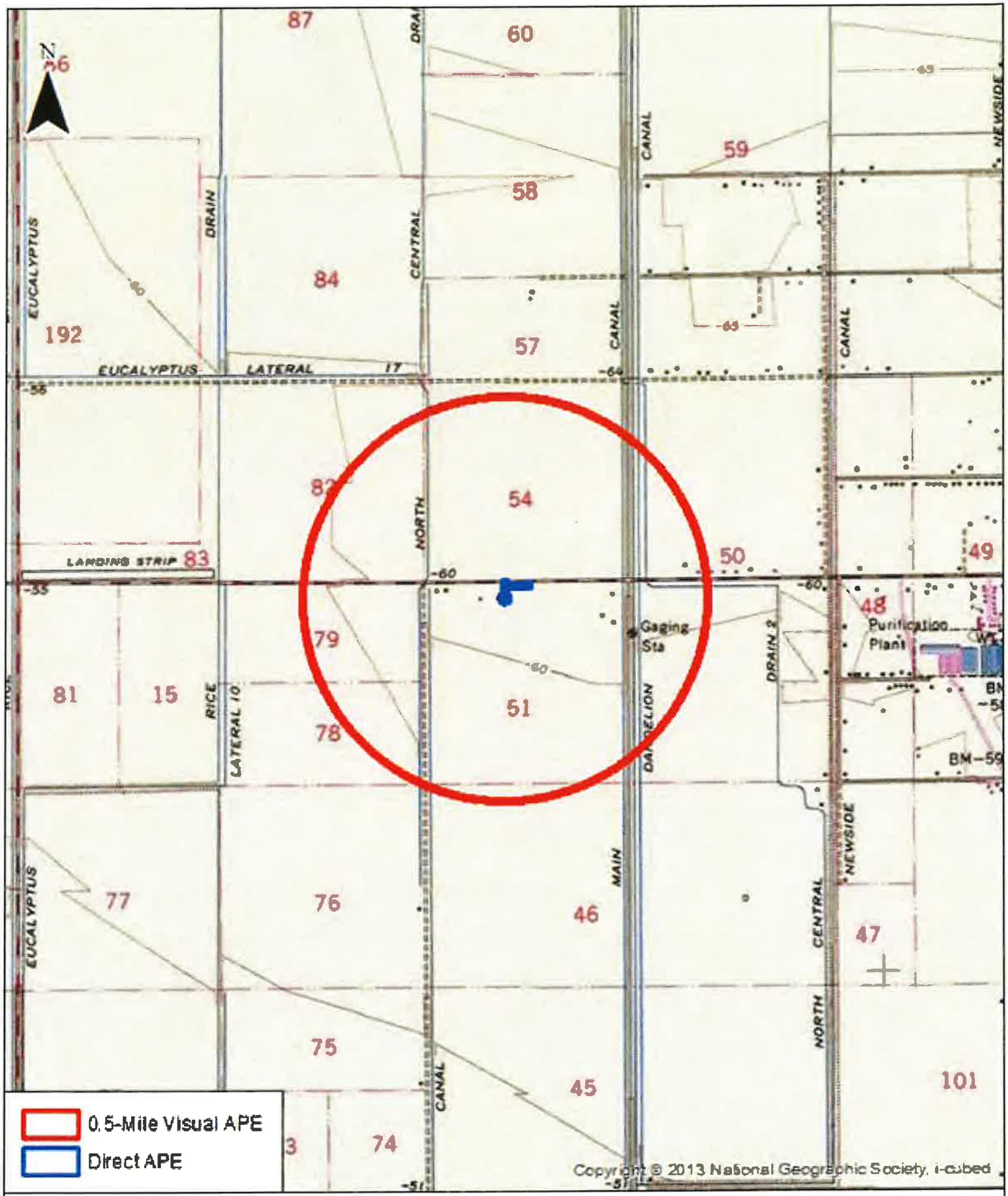
DRAWN BY:	CHECKED BY:

SHEET TITLE:

CMU WALL DETAIL

SHEET NUMBER:	REVISION:
C-6	0

TEP #241053.968646


N
0.5-Mile Visual APE
Direct APE
Copyright © 2013 National Geographic Society, i-cubed
0
0.25
0.5
1 Miles
Imperial (CA-00435)
Imperial County, California



1: View north towards the proposed tower center



2: View south toward the proposed tower center



3: View east towards the proposed tower center



4: View west towards the proposed tower center



5: View northeast towards the proposed ingress/egress easement



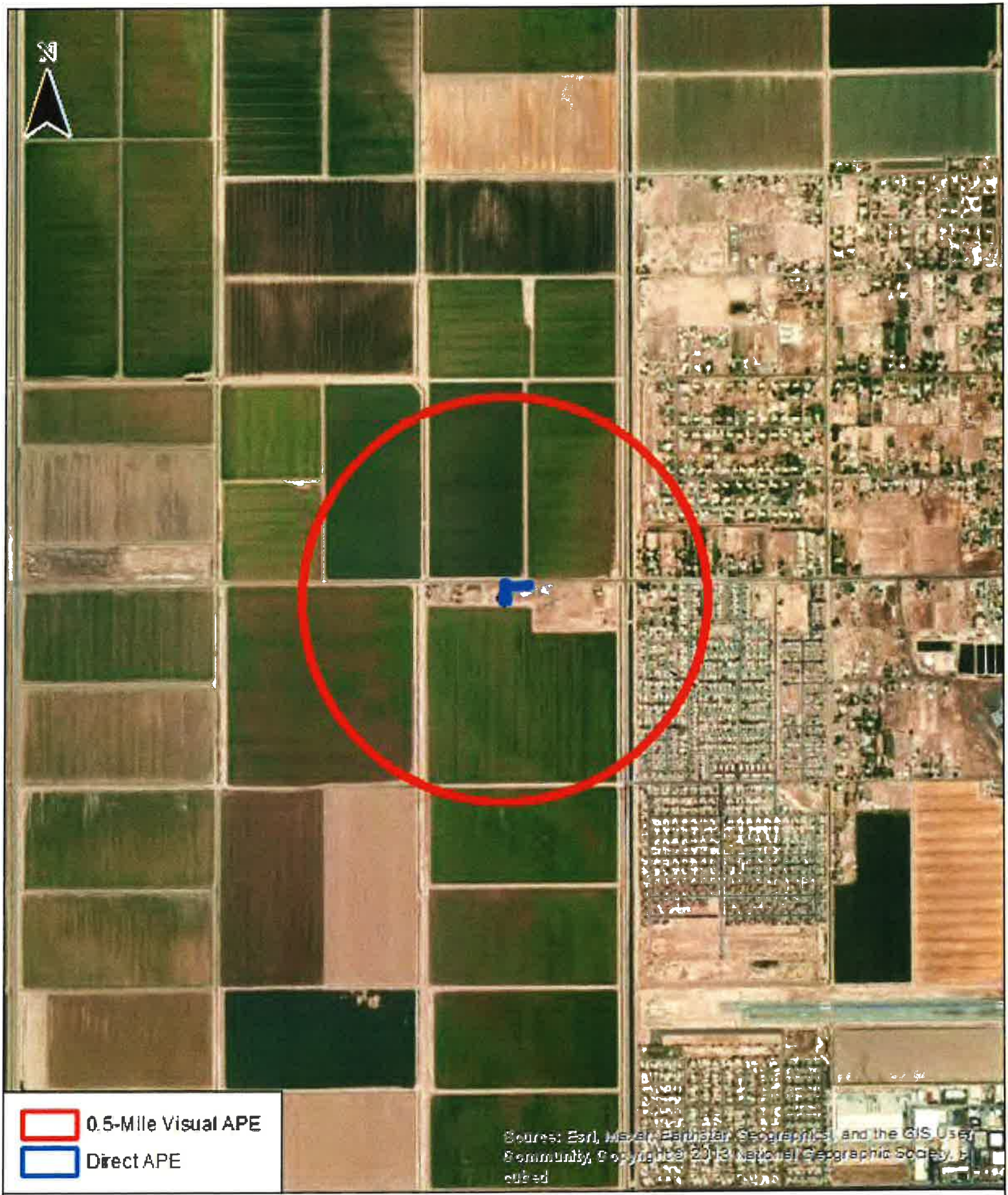
6: View north towards the proposed ingress/egress easement



7: View east towards the proposed utility easement



8: View west towards the proposed utility easement



Imperial (CA-00435)
Imperial County, California

TOWER
ENGINEERING
PROFESSIONALS

ATTACHMENT 5

SECTION 106 – INDIAN RELIGIOUS SITES

Client: Skyway
Site Name: Imperial (CA-00435)
TCNS# 283354
Date Filed: 08/07/2024

Tribe/Nation	Date Tribes Notified by TCNS	Response	Date FCC Form 620 Sent	Date Response/ Concurrence Received	FCC Referral Date	Comments
Eastern Shoshone Tribe	8/16/2024	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
Cocopah Indian Tribe	8/16/2024	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
Quechan Indian Tribe	8/16/2024	N/A	10/2/2024	10/2/2024	N/A	Tribe responded 10/02/2024 stating "we do not wish to comment on this project. We defer to the more local Tribes."
Skull Valley Band Goshute	8/16/2024	This tribe has indicated that if no response is received within 30 days of notice through TCNS, they have no interest.	N/A	N/A	N/A	No response received by 09/16/2024; pre-construction obligations are discharged and project may proceed.
Campo Band of Mission Indians	8/16/2024	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
La Posta Band of Mission Indians	8/16/2024	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
Los Coyotes Reservation	8/16/2024	This tribe has indicated that if no response is received within 30 days of notice through TCNS, they have no interest.	N/A	N/A	N/A	No response received by 09/16/2024; pre-construction obligations are discharged and project may proceed.
Pauma/Yuima Band of Mission Indians	8/16/2024	This tribe has indicated that if no response is received within 30 days of notice through TCNS, they have no interest.	N/A	N/A	N/A	No response received by 09/16/2024; pre-construction obligations are discharged and project may proceed.
San Pasqual Band of Diegueno Indians	8/16/2024	This tribe has indicated that if no response is received within 30 days of notice through TCNS, they have no interest.	N/A	N/A	N/A	No response received by 09/16/2024; pre-construction obligations are discharged and project may proceed.
Torres-Martinez Desert Cahuilla Indians	8/16/2024	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
Twenty Nine Palms Band of Mission Indians	8/16/2024	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
NAHC Tribe/Nations						
Barona Group of the Capitan Grande	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
Campo Band of Diegueno Mission Indians	listed on NOO	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
Ewiiaapaayp Band of Kumeyaay Indians	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
Iipay Nation of Santa Ysabel	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
Inaja-Cosmit Band of Indians	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
Jamul Indian Village	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
La Posta Band of Diegueno Mission Indians	listed on NOO	N/A	10/2/2024	N/A	11/7/2024	No response received by 11/22/2024; pre-construction obligations are discharged and project may proceed.
Manzanita Band of Kumeyaay Nation	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
Mesa Grande Band of Diegueno Mission Indians	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
Quechan Tribe of the Fort Yuma Reservation	listed on NOO	N/A	10/2/2024	10/2/2024	N/A	Tribe responded 10/02/2024 stating "we do not wish to comment on this project. We defer to the more local Tribes."
San Pasqual Band of Diegueno Mission Indians	listed on NOO	This tribe has indicated that if no response is received within 30 days of notice through TCNS, they have no interest.	N/A	N/A	N/A	No response received by 09/16/2024; pre-construction obligations are discharged and project may proceed.
Sycuan Band of the Kumeyaay Nation	N/A	N/A	10/2/2024	N/A	N/A	No response received by 11/01/2024; pre-construction obligations are discharged and project may proceed.
Viejas Band of Kumeyaay Indians	N/A	N/A	10/2/2024	10/2/2024	N/A	Tribe responded 10/02/2024 with a request for Tribal Monitoring to take place during any and all ground disturbance activities due to the cultural sensitivity in the area and previously recorded cultural resources adjacent to the proposed project area. TEP recommends contacting the "Viejas" to coordinate tribal monitoring prior to any earthmoving activities.
Local Gov't/Historic Entities						
Imperial County Planning & Zoning	N/A	Emailed letter packet	10/2/2024	N/A	N/A	No comments to date
City of Imperial Planning Commission	N/A	Emailed letter packet	10/2/2024	N/A	N/A	No comments to date
Imperial Valley Historical Society	N/A	Emailed letter packet	10/2/2024	N/A	N/A	No comments to date



Tower Construction Notification

Tower Construction Notification
New Notification

Notifications Home

Your Notification has been successfully submitted to the FCC. The date for this Notification is 08/07/2024. Your Notification ID number is **283354**. Please make a note of this Notification ID — print out this page for your records. A confirmation of this submitted notification will also be emailed to the email address specified in your notification.

This system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act by providing early notification of proposed construction to Tribes and State Historic Preservation officers. This system is not to be used in place of Section 106 consultation, and use of this notification system in itself does not satisfy parties' obligations with respect to historic preservation review under the Commission's rules.

Please note: the submission of this notification is NOT to be considered a submission for Antenna Structure Registration.
Tower Structures that require antenna structure registration based on FCC Rules 47 C.F.R. Part 17 must complete FCC Form 854 after FAA clearance is obtained.

Federal Communications Commission
45 L Street NE
Washington, DC 20554
More FCC Contact Information...

Phone: 1-877-480-3201
TTY: 1-717-338-2824
Fax: 1-866-418-0232
Submit Help Request

Tower Engineering Professionals

TEP-TCNS inbox <tcns@tepgroup.net>

Proposed Tower Structure Info - Email ID #8937103

1 message

towernotifyinfo@fcc.gov <towernotifyinfo@fcc.gov> Wed, Aug 7, 2024 at 11:08 AM
To: tcns@tepgroup.net

This Message Is From an External Sender
This message came from outside your organization.

Dear Ryan A Malek,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 08/07/2024

Notification ID: 283354
Tower Owner Individual or Entity Name: TEP for Skyway
Consultant Name: Ryan A Malek
Street Address: 326 Tryon Rd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603
Phone: 919-661-6351
Email: tcns@tepgroup.net

Structure Type: MTOWER - Monopole
Latitude: 32 deg 50 min 48.3 sec N
Longitude: 115 deg 36 min 0.5 sec W
Location Description: 749 W. Worthington Rd.
City: Imperial
State: CALIFORNIA
County: IMPERIAL

Detailed Description of Project: Proposed construction of a 120-ft AGL (125-ft AGL overall) monopole telecommunications tower and its associated tower compound facility to be located in Imperial County, CA.
Ground Elevation: -17.9 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 38.1 meters above ground level
Overall Height AMSL: 20.2 meters above mean sea level

Tower Engineering Professionals

TEP-TCNS inbox <tcns@tepgroup.net>

NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #8942692

1 message

towernotifyinfo@fcc.gov <towernotifyinfo@fcc.gov> Fri, Aug 16, 2024 at 1:01 AM
To: tcns@tepgroup.net
Cc: tcnsweekly@fcc.gov

This Message Is From an External Sender
This message came from outside your organization.

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. THPO Josh Mann - Eastern Shoshone Tribe - (PO Box: 538) Fort Washakie, WY - jmann@easternshoshone.org - 307-335-2081 - electronic mail
Exclusions: Thank you for the recent submittal regarding your TCNS project. Based on the location of your proposed

project, the Eastern Shoshone Tribe does have an
interest in this project as required by the mandatesexpressed in 36 CFR 800, EO 13175, and the FCC Programmatic Agreement as Traditionally Associated
Peoples (TAPs) and a sovereign nation legal responsibility for heritage preservation on ancestral homelands. Please utilize our ESTHPO website for online
submittals. Our website address is: https://urldefense.com/v3/__http://www.esthpo.com__;!!JV-z9g!MFW-zLbk8sVj6AR4UZ8VnibTLCU1MeoQBP7QjMj1sAHGMimkW7jJUlX4a_oa1uYSNmxl3ylDmzQQ7ULmh2XpWq9AyuE$.
Please navigate to our Services page. On the services page there will be a Submittal button
under the Section 106 Consultation literature. The submittal button will navigate you to the upload page where can submit relevant project files for our
consultation review.

Your submission should include:
Appropriate SHPO determination or response letter
Cultural Resource Report and or Archaeological Survey Report
Photographic project site documentation
Topographic or Quadrangle Maps
Site Plans/Construction Drawings
FCC Forms 620 and 621
Lat/Long Coordinates for the proposed project.
Project Coordinator Contact Information

Our 30-day review period will commence once all project details havebeen submitted into our online database. If you have any questions, please feel free to
contact the Eastern Shoshone THPO: Joshua Mann, jmann@easternshoshone.org or by phone at: (307) 335-2081 or Shaylynn Durgin,
sdurgin@easternshoshone.org or by phoneat: (307) 335-2081. Thank you for consulting with the Eastern Shoshone Tribe.

The ancestors of the Eastern Shoshone Tribe lived a long and storied history across several states on their westward journey from the Western area to present-day Wyoming. This journey, confirmed by tribal oral history, ethnographies, and archaeological evidence, took place over multiple generations and through the present-day states of North Dakota, South Dakota, Nebraska, Kansas, Colorado, Wyoming, Montana, Idaho, Washington, Oregon, California, Utah, Nevada, Arizona, NewMexico and Texas. Significant historical resources throughout this region include major sacred sites including burial sites, occupation areas, medicinal plant and resource collection areas, and other significant traditional cultural properties (TCPs). Therefore, based on the location of your proposed project, the Eastern Shoshone Tribe does have an interest in this proposed project and are requesting to be consulted on this proposed project as required bythe mandates expressed in 36 CFR 800, EO 13175,and the FCC National Programmatic Agreement as traditionally associated peoples (TAPs) and a sovereign nation with legal responsibility for heritage preservation on ancestral homelands.

2. Cultural Resource Manager Justin Brundin - Cocopah Indian Tribe - County 15th & Avenue G Somerton, AZ - culturalres@cocopah.com; brundinj@cocopah.com - 928-627-4849 - electronic mail
Exclusions: We would like a copy of any GIS files related to the site location and areas of potential impact.

3. Historic Preservation Officer Jill McCormick - Quechan Indian Tribe - (PO Box: 1899) Yuma, AZ - historicpreservation@quechantribe.com; scottmanfred@yahoo.com - 760-572-2423 (ext: 0) - electronic mail

4. Chairman Candace Bear - Skull Valley Band Goshute - 407 Skull Valley Rd Skull Valley, UT - candaceb@svgoshutes.com; candaceb@svgoshutes.com - 435-882-4532 - electronic mail and regular mail
Exclusions: Montana And Associates LLC does not contract for Skull Valley Band of Goshute any longer. Thank you.

If the applicant/tower builder receives no response from the Skull Valley Band Goshute within 30 days after notification through TCNS, the Skull Valley Band Goshute has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Skull Valley Band Goshute in the event archaeological properties or human

remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

5. Cultural Resource Manager Daniel Tsosie - Campo Band of Mission Indians - 36190 Church Road Campo, CA - dtsosie@campo-nsn.gov; MarcusCuero@campo-nsn.gov - 619-760-6480 - electronic mail and regular mail

6. Chairperson Gwendolyn Parada - La Posta Band of Mission Indians - 8 Crestwood Road Boulevard, CA - lp13boots@aol.com - 619-478-2113 - electronic mail and regular mail

7. Chairman Shane Chapparosa - Los Coyotes Reservation - (PO Box: 189) Warner Springs, CA - los_coyotes@ymail.com; loscoyotes_ta@yahoo.com - 760-782-0711 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Los Coyotes Reservation within 30 days after notification through TCNS, the Los Coyotes Reservation has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Los Coyotes Reservation in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

8. Cultural Clerk Chris Devers - Pauma/Yuima Band of Mission Indians - (PO Box: 369) Pauma Valley, CA - cultural@pauma-nsn.gov - 760-742-1289 - electronic mail and regular mail

If the applicant/tower builder receives no response from the Pauma/Yuima Band of Mission Indians within 30 days after notification through TCNS, the Pauma/Yuima Band of Mission Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Pauma/Yuima Band of Mission Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

9. THPO Desiree Morales Witman - San Pasqual Band of Diegueno Indians - (PO Box: 365) Valley Center, CA - thpo@sanpasqualtribe.org; angelinag@sanpasqualtribe.org - 760-749-3200 - electronic mail

If the applicant/tower builder receives no response from the San Pasqual Band of Diegueno Indians within 30 days after notification through TCNS, the San Pasqual Band of Diegueno Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the San Pasqual Band of Diegueno Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

10. Cultural Resources Coordinator Michael Mirelez - Torres-Martinez Desert Cahuilla Indians - (PO Box: 1160) Thermal, CA - mmirelez@tmtanf.org - 760-397-0300 (ext: 1213) - electronic mail

11. Tribal Historic Preservation Officer Christopher E Nicosia - Twenty Nine Palms Band of Mission Indians - 46-200 Harrison Place Coachella, CA - TNPConsultation@29palmsbomi-nsn.gov; Christopher.Nicosia@29palmsbomi-nsn.gov - 760-775-3259 (ext: 6762) - electronic mail and regular mail

Exclusions: Anthony Madrigal, Jr., Tribal Historic Preservation Officer TNPConsultation@29palmsbomi-nsn.gov. Please call (760) 863-2489, if you have any questions.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

None

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 08/07/2024
Notification ID: 283354
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: TEP for Skyway
Consultant Name: Ryan A Malek
Street Address: 326 Tryon Rd.
City: Raleigh
State: NORTH CAROLINA
Zip Code: 27603
Phone: 919-661-6351
Email: tcns@tepgroup.net

Structure Type: MTOWER - Monopole
Latitude: 32 deg 50 min 48.3 sec N
Longitude: 115 deg 36 min 0.5 sec W
Location Description: 749 W. Worthington Rd.
City: Imperial
State: CALIFORNIA
County: IMPERIAL
Detailed Description of Project: Proposed construction of a 120-ft AGL (125-ft AGL overall) monopole telecommunications tower and its associated tower compound facility to be located in Imperial County, CA.
Ground Elevation: -17.9 meters
Support Structure: 36.6 meters above ground level
Overall Structure: 38.1 meters above ground level
Overall Height AMSL: 20.2 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

https://urldefense.com/v3/__https://www.fcc.gov/wireless/available-support-services__;!!JV-z9g!MFW-zLbk8sVj6AR4UZ8VnibTLCU1MeoQBP7QjMj1sAHGMimkW7jJUIX4a_oa1uYSNmxl3ylDmzQQ7ULmh2XppNaCgNE$

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

Section 106 - Filing Confirmation

FCC Form 620
New Tower Submission

Current Status: **Submitted**
Date of Submission: **10/03/2024**

View/Print Submission Packet

Common Questions << Return To My Filings

Filing Confirmation

Your filing has been Submitted.
File Number: 0011266198

Notification of this filing will be sent to the following Lead SHPO/THPO:

California Office of Historic Preservation
Attn: Tristan Tozer
942896Department of Parks & Recreation
Sacramento, CA 94296-0001

Some SHPO/THPOs may have state specific archiving requirements. You should check with the above agency to determine if they need **all** or part of this filing submission in paper format.

View all other parties notified of this filing

A printable **submission packet** is generated for your manual records. Please make a note of this file number and print out this page for your records. A confirmation of this submitted filing will be emailed to the email address specified in your filing.

This system is intended to facilitate filing of Section 106 of the National Historic Preservation Act and use of this system in itself does not satisfy parties' obligations with respect to historic preservation review under the Commission's rules. Failure to receive automated notifications generated by this system does not relieve parties of legal responsibilities and/or justify failure to meet deadlines.

This notification is NOT an actual submission for Antenna Structure Registration. Tower Structures that require antenna structure registration based on FCC Rules 47 C.F.R. Part 17 must complete FCC Form 854 after FAA clearance is obtained.

Federal Communications Commission
45 L Street NE
Washington, DC 20554

Phone: 1-877-480-3201
TTY: 1-717-338-2824
Submit Help Request

TEP

TEP-TCNS inbox <tcns@tepgroup.net>

Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #36958

1 message

towernotifyinfo@fcc.gov <towernotifyinfo@fcc.gov> Thu, Nov 7, 2024 at 7:01 AM
To: tcns@tepgroup.net
Cc: tcnsweekly@fcc.gov

This Message Is From an External Sender
This message came from outside your organization.

TEP for Skyway
Ryan A Malek
326 Tryon Rd.
Raleigh, NC 27603

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's Wireless Infrastructure Second Report and Order (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 10/31/2024 and 11/07/2024. Our contact with these Tribal Nations or NHOs was sent on 11/07/2024.

Thus, as described in the Wireless Infrastructure Second Report and Order (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 15 calendar days of 11/07/2024, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete. If a Tribal Nation or NHO responds that it has concerns about a historic property of traditional religious and cultural significance that may be affected by the proposed construction within the 15 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review. In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Ellen Saint Onge
Federal Preservation Officer
Federal Communications Commission
ellen.saintonge@fcc.gov

1) See Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Deployment, Second Report and Order, FCC 18-30 (Mar. 30, 2018) (Wireless Infrastructure Second Report and Order).
2) See id. at paras. 111-112.

LIST OF PROPOSED COMMUNICATIONS TOWERS

TCNS# 283354 Referred Date: 11/04/2024 Location: 749 W. Worthington Rd., Imperial, CA

Detailed Description of Project: Proposed construction of a 120-ft AGL (125-ft AGL overall) monopole telecommunications tower and its associated tower compound facility to be located in Imperial County, CA.
Tribe Name: Campo Band of Mission Indians
Tribe Name: Cocopah Indian Tribe
Tribe Name: La Posta Band of Mission Indians
Tribe Name: Torres-Martinez Desert Cahuilla Indians
Tribe Name: Twenty Nine Palms Band of Mission Indians

TCNS# 283354 Referred Date: 11/05/2024 Location: 749 W. Worthington Rd., Imperial, CA
Detailed Description of Project: Proposed construction of a 120-ft AGL (125-ft AGL overall) monopole telecommunications tower and its associated tower compound facility to be located in Imperial County, CA.
Tribe Name: Eastern Shoshone Tribe

LEGEND:
* - Notification numbers are assigned by the Commission staff for sites where initial contact was not made through TCNS.

TEP

TEP-TCNS inbox <tcns@tepgroup.net>

RE: [EXTERNAL]:TCNS #283354 - Invitation to Comment - Proposed Tower in Imperial County, CA

1 message

Frank Reece <historicpreservation@quechantribe.com> Wed, Oct 2, 2024 at 3:18 PM
To: TEP-TCNS inbox <tcns@tepgroup.net>

This Message Is From an Untrusted Sender
You have not previously corresponded with this sender.

Good afternoon,

This email is to inform you that we do not wish to comment on this project. We defer to the more local Tribes and support their determinations on this matter.

Jill

H. Jill McCormick M.A.

Ft. Yuma Quechan Indian Tribe

P.O. Box 1899

Yuma, AZ 85366-1899

Office: 760-572-2423

Cell: 928-261-0254

From: TEP-TCNS inbox <tcns@tepgroup.net>
Sent: Wednesday, October 02, 2024 11:34 AM
To: TEP-TCNS inbox <tcns@tepgroup.net>
Subject: [EXTERNAL]:TCNS #283354 - Invitation to Comment - Proposed Tower in Imperial County, CA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

Please see the attached project information packet for a proposed tower site referred to as Imperial (CA-00435), TCNS# 283354 .

Please provide any comments within 30 days of receipt and feel free to reach out with any questions or concerns you may have.

Best,

TEP: Environmental Division

TEP. (www.tepgroup.net)

TEP

TEP-TCNS inbox <tcns@tepgroup.net>

FW: TCNS #283354 - Invitation to Comment - Proposed Tower in Imperial County, CA (CA)

2 messages

Ray Teran <rteran@viejas-nsn.gov> Wed, Oct 2, 2024 at 6:21 PM
To: TEP-TCNS inbox <tcns@tepgroup.net>
Cc: Ernest Pingleton <epingleton@viejas-nsn.gov>

This Message Is From an Untrusted Sender

You have not previously corresponded with this sender.

The Viejas Band of Kumeyaay Indians ("Viejas") has reviewed the proposed project and at this time we have determined that the project site has cultural significance or ties to Viejas. Cultural resources have been located within or adjacent to the APE-DE of the proposed project.

Viejas Band request that a Kumeyaay Cultural Monitor be on site for ground disturbing activities and to inform us of any new developments such as inadvertent discovery of cultural artifacts, cremation sites, or human remains.

If you wish to utilize Viejas cultural monitors (Viejas rate is $54.15/hr. plus GSA mileage), please call Ernest Pingleton at 619-655-0410 or email, epingleton@viejas-nsn.gov, for contracting and scheduling. Thank you.

If a Tribe, having a closer proximity to the Project, requests to perform cultural monitoring, Viejas will differ to them.

From: TEP-TCNS inbox <tcns@tepgroup.net>
Date: October 2, 2024 at 12:57:07 PM PDT
To: TEP-TCNS inbox <tcns@tepgroup.net>
Subject: TCNS #283354 - Invitation to Comment - Proposed Tower in Imperial County, CA (CA)

Good afternoon,

Please see the attached project information packet for a proposed tower site referred to as Imperial (CA-00435), TCNS# 283354 .

Please provide any comments within 30 days of receipt and feel free to reach out with any questions or concerns you may have.

Best,

TEP: Environmental Division
TEP. (www.tepgroup.net<http://www.tepgroup.net/>)

--
Best,

Tower Engineering Professionals: Environmental Division
Tower Engineering Professionals, Inc. (www.tepgroup.net<http://www.tepgroup.net/>)

<Imperial (CA-00435) - Tribal Packet_reduced.pdf>

TEP-TCNS inbox <tcns@tepgroup.net> Thu, Oct 3, 2024 at 9:18 AM
To: Ryan Malek <rmalek@tepgroup.net>, Logan Michel <lmichel@tepgroup.net>

Viejas Band requests monitoring - please see below.

- ELB
[Quoted text hidden]

Best,

[Quoted text hidden]

Tower Engineering Professionals, Inc. (www.tepgroup.net)

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

SECRETARY
Sara Dutschke
Miwok

PARLIAMENTARIAN
Wayne Nelson
Luiseño

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Bennae Calac
Pauma-Yuima Band of Luiseño Indians

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710

August 16, 2024

Logan Michel
Tower Engineering Professionals, Inc.

Via Email to: lmichel@tepgroup.net

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Imperial (CA-00435) Project, Imperial County

Dear Mr. Michel:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

    - Any report that may contain site forms, site significance, and suggested mitigation measures.

      All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Imperial County
8/16/2024

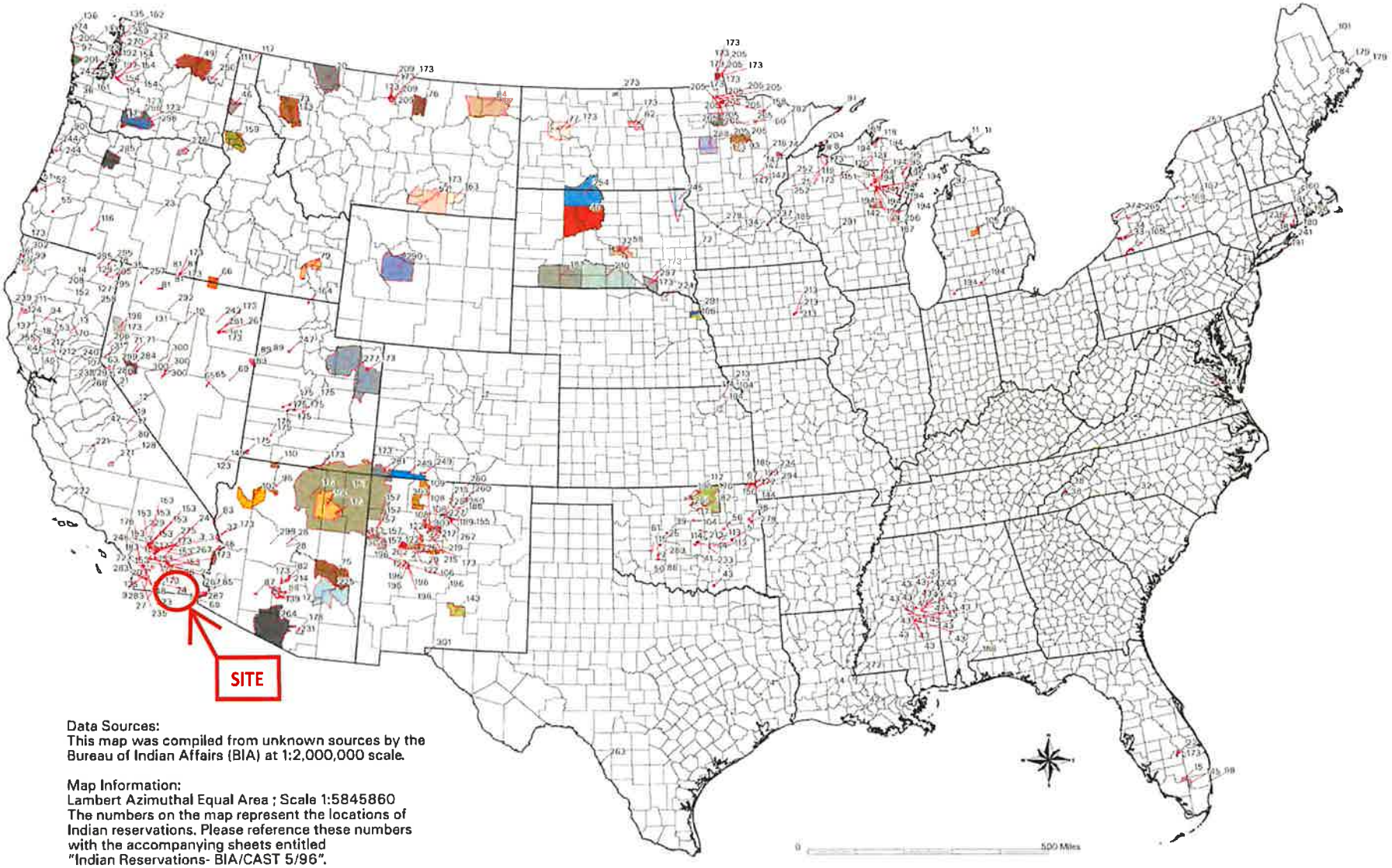
County	Tribe Name	Fed (F) Non-Fed (N)	Contact Person	Contact Address	Phone #	Fax #	Email Address	Cultural Affiliation	Counties	Last Updated
Imperial	Barona Group of the Capitan Grande	F	Art Bunce, Attorney		(760) 489-0329		buncelaw@aol.com	Diegueno	Imperial,San Diego	7/25/2023
	Campo Band of Diegueno Mission Indians	F	Daniel Tsosie, THPO	36190 Church Road, Suite 1 Campo, CA, 91906	(619) 760-6480		dtsosie@campo-nsn.gov	Diegueno	Imperial,San Diego	5/24/2024
	Campo Band of Diegueno Mission Indians	F	Marcus Cuero, Chairperson	36190 Church Road, Suite 1 Campo, CA, 91906	(619) 478-9046		marcuscuero@campo-nsn.gov	Diegueno	Imperial,San Diego	5/15/2024
	Campo Band of Diegueno Mission Indians	F	Ben Dyche, Vice Chairperson	36190 Church Road, Suite 1 Campo, CA, 91906	(619) 478-9046		bdyche@campo-nsn.gov	Diegueno	Imperial,San Diego	5/24/2024
	Ewiiaapaayp Band of Kumeyaay Indians	F	Robert Pinto, Chairperson	4054 Willows Road Alpine, CA, 91901	(619) 358-4382	(619) 445-9126	ceo@ebki-nsn.gov	Diegueno	Imperial,San Diego	
	Ewiiaapaayp Band of Kumeyaay Indians	F	Michael Garcia, Vice Chairperson	4054 Willows Road Alpine, CA, 91901	(619) 933-2200	(619) 445-9126	michaelg@leaningrock.net	Diegueno	Imperial,San Diego	
	Iipay Nation of Santa Ysabel	F	Clint Linton, Director of Cultural Resources	P.O. Box 507 Santa Ysabel, CA, 92070	(760) 803-5694		clinton@redtailenvironmental.com	Diegueno	Imperial,San Diego	11/30/2023
	Inaja-Cosmit Band of Indians	F	Rebecca Osuna, Chairperson	2005 S. Escondido Blvd. Escondido, CA, 92025	(760) 737-7628	(760) 747-8568		Diegueno	Imperial,San Diego	
	Jamul Indian Village	F	Erica Pinto, Chairperson	P.O. Box 612 Jamul, CA, 91935	(619) 669-4785	(619) 669-4817	epinto@jiv-nsn.gov	Diegueno	Imperial,San Diego	
	Jamul Indian Village	F	Lisa Cumper, Tribal Historic Preservation Officer	P.O. Box 612 Jamul, CA, 91935	(619) 669-4855		lcumper@jiv-nsn.gov	Diegueno	Imperial,San Diego	9/5/2018
	La Posta Band of Diegueno Mission Indians	F	Gwendolyn Parada, Chairperson	8 Crestwood Road Boulevard, CA, 91905	(619) 478-2113	(619) 478-2125	LP13boots@aol.com	Diegueno	Imperial,San Diego	
	Manzanita Band of Kumeyaay Nation	F	Angela Elliott Santos, Chairperson	P.O. Box 1302 Boulevard, CA, 91905	(619) 766-4930	(619) 766-4957		Diegueno	Imperial,San Diego	
	Mesa Grande Band of Diegueno Mission Indians	F	Michael Linton, Chairperson	P.O Box 270 Santa Ysabel, CA, 92070	(760) 782-3818	(760) 782-9092	mesagrandeband@msn.com	Diegueno	Imperial,San Diego	
	Quechan Tribe of the Fort Yuma Reservation	F	Manfred Scott, Acting Chairman - Kwts'an Cultural Committee	P.O. Box 1899 Yuma, AZ, 85366	(928) 210-8739		culturalcommittee@quechantribe.com	Quechan	Imperial,Kern,Los Angeles,Riverside,San Bernardino,San Diego	5/16/2023
	Quechan Tribe of the Fort Yuma Reservation	F	Jill McCormick, Historic Preservation Officer	P.O. Box 1899 Yuma, AZ, 85366	(928) 261-0254		historicpreservation@quechantribe.com	Quechan	Imperial,Kern,Los Angeles,Riverside,San Bernardino,San Diego	5/16/2023
	Quechan Tribe of the Fort Yuma Reservation	F	Jordan Joaquin, President, Quechan Tribal Council	P.O.Box 1899 Yuma, AZ, 85366	(760) 919-3600		executivesecretary@quechantribe.com	Quechan	Imperial,Kern,Los Angeles,Riverside,San Bernardino,San Diego	5/16/2023
	San Pasqual Band of Diegueno Mission Indians	F	Allen Lawson, Chairperson	P.O. Box 365 Valley Center, CA, 92082	(760) 749-3200	(760) 749-3876	allenl@sanpasqualtribe.org	Diegueno	Imperial,San Diego	
	Sycuan Band of the Kumeyaay Nation	F	Cody Martinez, Chairman	Sycuan Tribal Office: 1 Kwaypaay Court El Cajon, CA, 92019	(619) 445-2613		cmartinez@sycuan-nsn.gov	Kumeyaay	Imperial,San Diego	8/7/2023
	Sycuan Band of the Kumeyaay Nation	F	Bernice Paipa, Cultural Resource Specialist	Sycuan Cultural Center: 910 Willow Glen Drive El Cajon, CA, 92019	(619) 445-6917		bpaipa2@sycuan-nsn.gov	Kumeyaay	Imperial,San Diego	8/7/2023
	Viejas Band of Kumeyaay Indians	F	Ernest Pingleton, THPO	1 Viejas Grade Road Alpine, CA, 91901	(619) 445-3810		epingleton@viejas-nsn.gov	Kumeyaay	Imperial,San Diego	6/29/2023
	Viejas Band of Kumeyaay Indians	F	Ray Teran, Resource Management Director	1 Viejas Grade Road Alpine, CA, 91901	(619) 659-2312		rteran@viejas-nsn.gov	Kumeyaay	Imperial,San Diego	6/29/2023

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Imperial (CA-00435) Project, Imperial County.

Record: NAHC-2324-334211
Report Type: ABS2 GIS Counties, Imperial
NAHC Group: All

Indian Reservations in the Continental United States



Data Sources:
This map was compiled from unknown sources by the Bureau of Indian Affairs (BIA) at 1:2,000,000 scale.

Map Information:
Lambert Azimuthal Equal Area ; Scale 1:5845860
The numbers on the map represent the locations of Indian reservations. Please reference these numbers with the accompanying sheets entitled "Indian Reservations- BIA/CAST 5/96".


CALIFORNIA TRIBAL LANDS
Tribal Lands
County Boundary
Sources: U.S. Census Bureau (2011), ESRI (2006), TANA (2006).
AIR1100040_3 16 May 2011
EPA
REGION 9 - AIR
SITE
Smith River
Elk Valley
Big Lagoon
Trinidad
Yurok
Hoopa
Karuk
Quartz Valley
Karuk
XL Ranch
Fort Bidwell
Cedarville
Alturas
Lookout
Likely
Big Bend
Pit River
Roaring Creek
Montgomery Creek
Redding Rancheria
Susanville
Blue Lake
Table Bluff
Rohnerville
Round Valley
Laytonville
Sherwood Valley
Paskenta
Greenville
Susanville
Chico Rancheria
Grindstone
Berry Creek
Coyote Valley
Redwood Valley
Upper Lake
Enterprise
Mooretown
Pinoleville
Manchester
Guidiville
Hopland
Colusa
Robinson
Cortina
Sulphur Bank
Auburn Rancheria
Wade
Parcels
Stewarts Point
Cloverdale
Dry Creek
Graton
Rumsey
Big Valley
Middletown
Shingle Springs
Ione Band
Jackson
Washoe (Woodfords Community)
Sheep Ranch
Bridgeport
Me-Wuk
Lytton
Tuolumne
Chicken Ranch
Benton Paiute
Picayune
North Fork
Bishop
Big Sandy
Big Pine
Table Mountain
Cold Springs
Fort Independence
Lone Pine
Timbisha Homelands
Santa Rosa
Tule River
CALIFORNIA
Santa Ynez
San Manuel
Morongo
Twenty-Nine Palms
Soboba
Agua Caliente
Santa Rosa
Cabazon
Augustine
Cabazon
Ramona
Cahuilla
Pechanga
Pala
Torres-Martinez
Pauma-Yuima
San Pasqual
Mesa Grande
Los Coyotes
Santa Ysabel
Inaja-Cosmit
Capitan Grande
Barona
Viejas
Sycuan
Jamul Indian Village
La Posta
Cuyapaipe
Manzanita
Campo
Quechan
Colorado River
Chemehuevi
0 25 50 100 Miles



Indian Reservations in the Continental United States
MAP INDEX

Full Size Map (PDF)

0 No Data

1. ABSENTEE SHAWNEE *
2. ACOMA
3. AGUA CALIENTE
4. ALABAMA-COUSHATTA
5. ALABAMA-QUASSARTE CREEKS *
6. ALLEGANY
7. APACHE *
8. BAD RIVER
9. BARONA RANCH
10. BATTLE MOUNTAIN
11. BAY MILLS
12. BENTON PAIUTE
13. BERRY CREEK
14. BIG BEND
15. BIG CYPRESS
16. BIG LAGOON
17. BIG PINE
18. BIG VALLEY
102. HUALAPAI
103. INAJA
104. IOWA *
105. ISABELLA
106. ISLETA
107. JACKSON
108. JEMEZ
109. JICARILLA
110. KAIBAB
111. KALISPEL
112. KAW *
113. KIALEGEE CREEK *
114. KICKAPOO *
115. KIOWA *
116. KLAMATH *
117. KOOTENAI
118. L'ANSE
119. LAC COURTE OREILLES
120. LAC DU FLAMBEAU
204. RED CLIFF
205. RED LAKE
206. RENO-SPARKS
207. RINCON
208. ROARING CREEK
209. ROCKY BOYS
210. ROSEBUD
211. ROUND VALLEY
212. RUMSEY
213. SAC AND FOX #
214. SALT RIVER
215. SANDIA
216. SANDY LAKE
217. SANTA ANA
218. SANTA CLARA
219. SANTA DOMINGO
220. SANTA ROSA
221. SANTA ROSA (NORTH)
222. SANTA YNEZ

Home
Frequently Asked Questions
Law and Regulations
Online Databases
Grants
Training
Notices
Documents and Publications
Review Committee
Special Topics
Contact National NAGPRA

19. BISHOP

20. BLACKFEET

21. BRIDGEPORT

22. BRIGHTON

23. BURNS PAIUTE COLONY

24. CABEZON

25. CADDO *

26. CAHUILLA

27. CAMPO

28. CAMP VERDE

29. CANONCITO

30. CAPITAN GRANDE

31. CARSON

32. CATAWBA

33. CATTARAUGUS

34. CAYUGA *

35. CEDARVILLE

36. CHEHALIS

37. CHEMEHUEVI

38. CHEROKEE * #

39. CHEYENNE-ARAPAHOE*

40. CHEYENNE RIVER

41. CHICKASAW *

42. CHITIMACHA

43. CHOCTAW * #

44. CITIZEN BAND OF POTAWATOMI *

45. COCHITI

46. COEUR D'ALENE

47. COLD SPRINGS

121. LAC VIEUX DESERT

122. LAGUNA

123. LAS VEGAS

124. LAYTONVILLE

125. LA JOLLA

126. LA POSTA

127. LIKELY

128. LONE PINE

129. LOOKOUT

130. LOS COYOTES

131. LOVELOCK COLONY

132. LOWER BRULE

133. LOWER ELWAH

134. LOWER SIOUX

135. LUMMI

136. MAKAH

137. MANCHESTER

138. MANZANITA

139. MARICOPA

140. MASHANTUCKET PEQUOT

141. MATTAPONI +

142. MENOMINEE

143. MESCALERO

144. MIAMI *

145. MICCOSUKEE

146. MIDDLETOWN

147. MILLE LACS

148. MISSION

149. MOAPA

223. SANTA YSABEL

224. SANTEE

225. SAN CARLOS

226. SAN FELIPE

227. SAN ILDEFONSO

228. SAN JUAN

229. SAN MANUAL

230. SAN PASQUAL

231. SAN XAVIER

232. SAUK SUIATTLE

233. SEMINOLE *

234. SENECA-CAYUGA *

235. SEQUAN

236. SHAGTICOKE +

237. SHAKOPEE

238. SHEEP RANCH

239. SHERWOOD VALLEY

240. SHINGLE SPRING

241. SHINNECOCK +

242. SHOALWATER

243. SHOSHONE

244. SILETZ

245. SISSETON

246. SKOKOMISH

247. SKULL VALLEY

248. SOBOBA

249. SOUTHERN UTE

250. SPOKANE

251. SQUAXON ISLAND

252. ST. CROIX

48. COLORADO RIVER

49. COLVILLE

50. COMANCHE *

51. COOS, LOWER UMPQUA & SIUSLAW

52. COQUILLE *

53. CORTINA

54. COUSHATTA

55. COW CREEK

56. CREEK *

57. CROW

58. CROW CREEK

59. CUYAPAIPE

60. DEER CREEK

61. DELAWARE *

62. DEVILS LAKE

63. DRESSLERVILLE COLONY

64. DRY CREEK

65. DUCKWATER

66. DUCK VALLEY

67. EASTERN SHAWNEE *

68. EAST COCOPAH

69. ELY COLONY

70. ENTERPRISE

71. FALLON

72. FLANDREAU INDIAN SCHOOL

73. FLATHEAD

74. FOND DU LAC

75. FORT APACHE

150. MODOC *

151. MOLE LAKE

152. MONTGOMERY CREEK

153. MORONGO

154. MUCKLESHOOT

155. NAMBE

156. NARRAGANSETT

157. NAVAJO

158. NETT LAKE

159. NEZ PERCE

160. NIPMOC-HASSANAMISCO +

161. NISQUALLY

162. NOOKSACK

163. NORTHERN CHEYENNE

164. NORTHWESTERN SHOSHONE

165. OIL SPRINGS

166. OMAHA

167. ONEIDA #

168. ONONDAGA

169. ONTONAGON

170. OSAGE

171. OTOE-MISSOURI *

172. OTTAWA *

173. OUT

174. OZETTE

175. PAIUTE

176. PALA

177. PAMUNKEY +

178. PASCUA YAQUI

253. ST. REGIS

254. STANDING ROCK

255. STEWARTS POINT

256. STOCKBRIDGE MUNSEE

257. SUMMIT LAKE

258. SUSANVILLE

259. SWINOMISH

260. TAOS

261. TE-MOAK

262. TESUQUE

263. TEXAS KICKAPOO

264. TOHONO O'ODHAM

265. TONAWANDA

266. TONIKAWA *

267. TORRES MARTINEZ

268. TOULUMNE

269. TRINDAD

270. TULALIP

271. TULE RIVER

272. TUNICA-BILOXI

273. TURTLE MOUNTAINS

274. TUSCARORA

275. TWENTYNINE PALMS

276. UMATILLA

277. UNITAH AND OURAY

278. UNITED KEETOOWAH BAND OF CHEROKEE *

279. UPPER SIOUX

280. UPPER SKAGIT

281. UTE MOUNTAIN

76. FORT BELKNAP

77. FORT BERTHOLD

78. FORT BIDWELL

79. FORT HALL

80. FORT INDEPENDENCE

81. FORT MCDERMITT

82. FORT MCDOWELL

83. FORT MOHAVE

84. FORT PECK

85. FORT YUMA

86. FT. SILL APACHE *

87. GILA BEND

88. GILA RIVER

89. GOSHUTE

90. GRANDE RONDE

91. GRAND PORTAGE

92. GRAND TRAVERSE

93. GREATER LEECH LAKE

94. GRINDSTONE

95. HANNAHVILLE

96. HAVASUPAI

97. HOH

98. HOLLYWOOD

99. HOOPA VALLEY

100. HOPI

101. HOULTON MALISEETS

179. PASSAMAQUODDY

180. PAUCATAUK PEQUOT +

181. PAUGUSETT +

182. PAWNEE *

183. PECHANGA

184. PENOBSCOT

185. PEORIA *

186. PICURIS

187. PINE RIDGE

188. POARCH CREEK

189. POJOAQUE

190. PONCA *

191. POOSEPATUCK +

192. PORT GAMBLE

193. PORT MADISON

194. POTAWATOMI #

195. PRAIRIE ISLE

196. PUERTOCITO

197. PUYALLUP

198. PYRAMID LAKE

199. QUAPAW *

200. QUILLAYUTE

201. QUINAULT

202. RAMAH

203. RAMONA

282. VERMILION LAKE

283. VIEJAS

284. WALKER RIVER

285. WARM SPRINGS

286. WASHOE

287. WEST COCOPAH

288. WHITE EARTH

289. WICHITA *

290. WIND RIVER

291. WINNEBAGO #

292. WINNEMUCCA

293. WOODFORD INDIAN COMMUNITY

294. WYANDOTTE *

295. XL RANCH

296. YAKAMA

297. YANKTON

298. YAVAPAI

299. YERINGTON

300. YOMBA

301. YSLETA DEL SUR

302. YUROK

303. ZIA

304. ZUNI

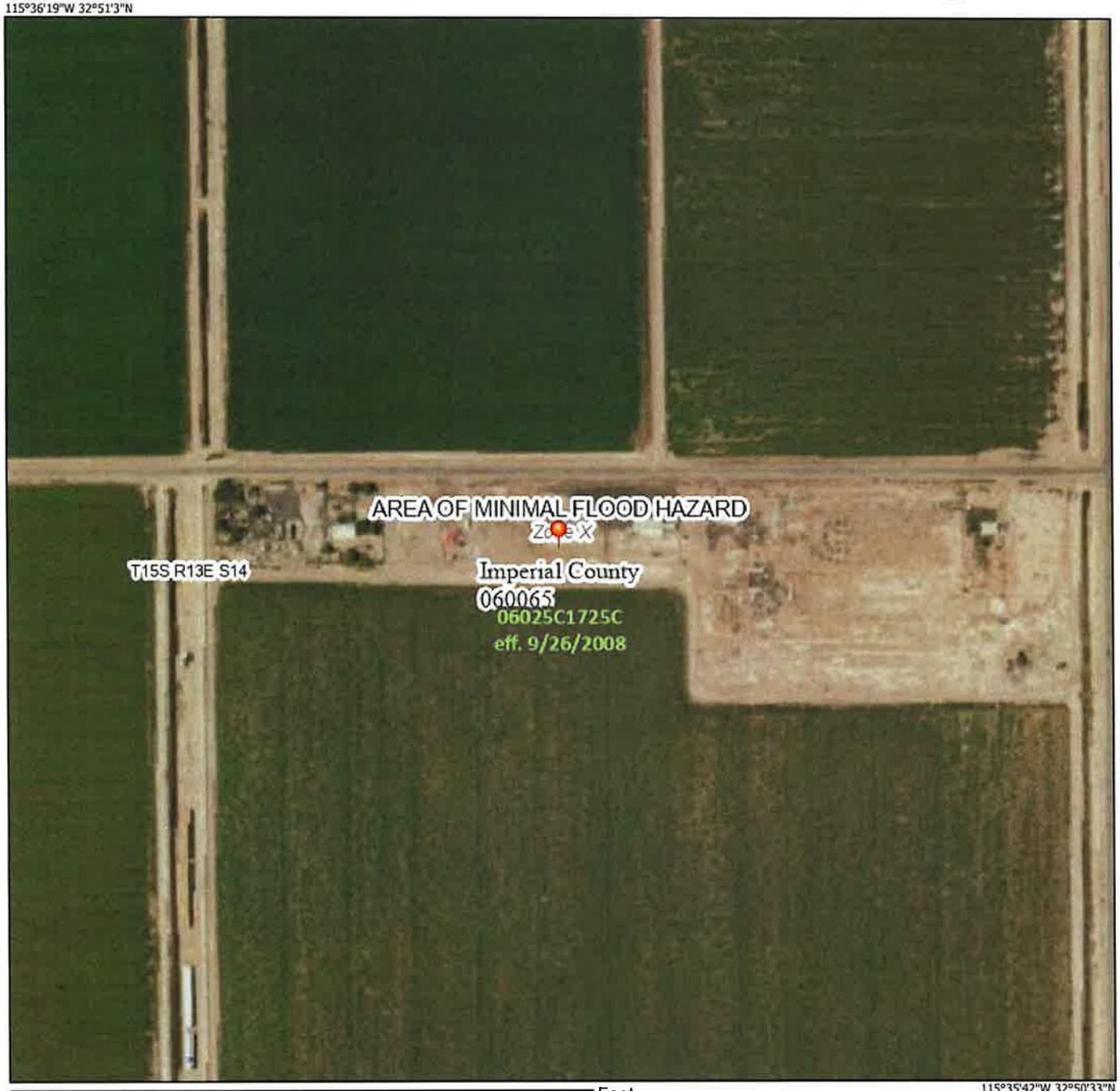
TOWER
ENGINEERING
PROFESSIONALS

ATTACHMENT 6

FLOODPLAIN MAP

National Flood Hazard Layer FIRMette

FEMA



Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- **SPECIAL FLOOD HAZARD AREAS**
  - Without Base Flood Elevation (BFE) *Zone A, V, A99*
  - With BFE or Depth *Zone AE, AO, AH, VE, AR*
  - Regulatory Floodway
- **OTHER AREAS OF FLOOD HAZARD**
  - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
  - Future Conditions 1% Annual Chance Flood Hazard *Zone X*
  - Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
  - Area with Flood Risk due to Levee *Zone D*
- **OTHER AREAS**
  - NO SCREEN Area of Minimal Flood Hazard *Zone X*
  - Effective LOMRs
  - Area of Undetermined Flood Hazard *Zone D*
- **GENERAL STRUCTURES**
  - Channel, Culvert, or Storm Sewer
  - Levee, Dike, or Floodwall
- **OTHER FEATURES**
  - 20.2 Cross Sections with 1% Annual Chance
  - 17.5 Water Surface Elevation
  - Coastal Transect
  - Base Flood Elevation Line (BFE)
  - Limit of Study
  - Jurisdiction Boundary
  - Coastal Transect Baseline
  - Profile Baseline
  - Hydrographic Feature
- **MAP PANELS**
  - Digital Data Available
  - No Digital Data Available
  - Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/7/2024 at 11:35 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

TOWER
ENGINEERING
PROFESSIONALS

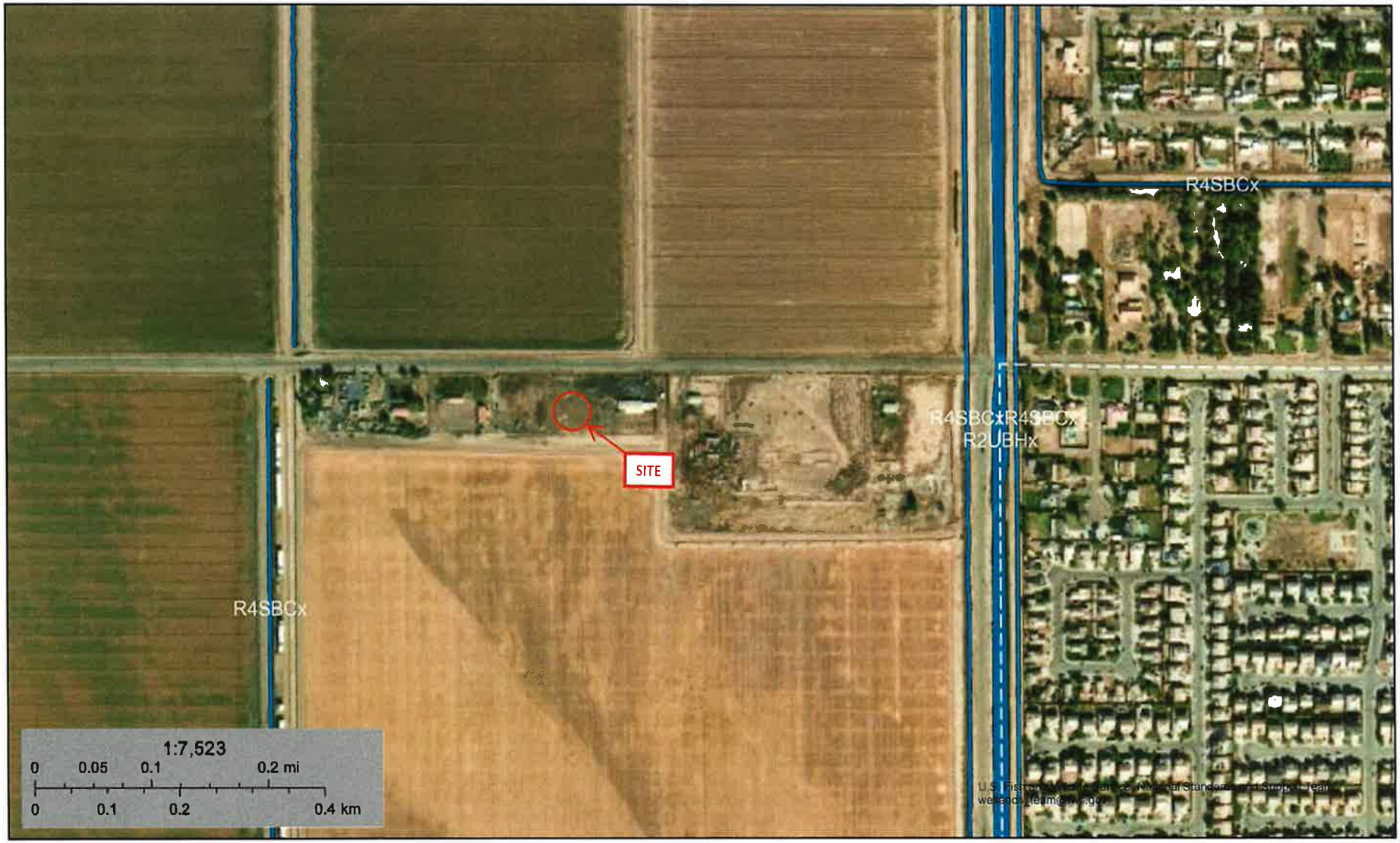
ATTACHMENT 7

SURFACE FEATURES (WETLANDS, DEFORESTATION, WATER DIVERSION)

U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Inventory Map

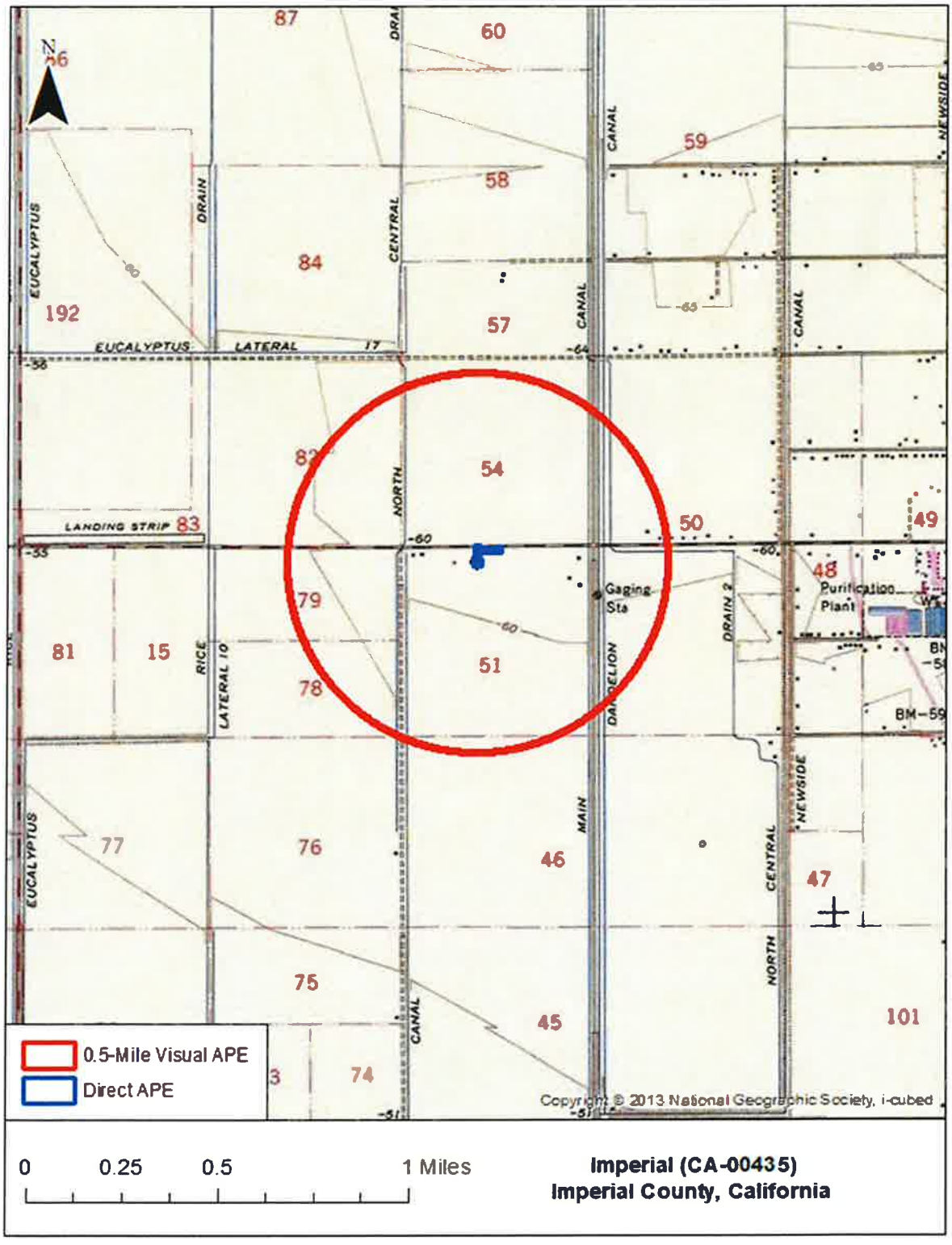


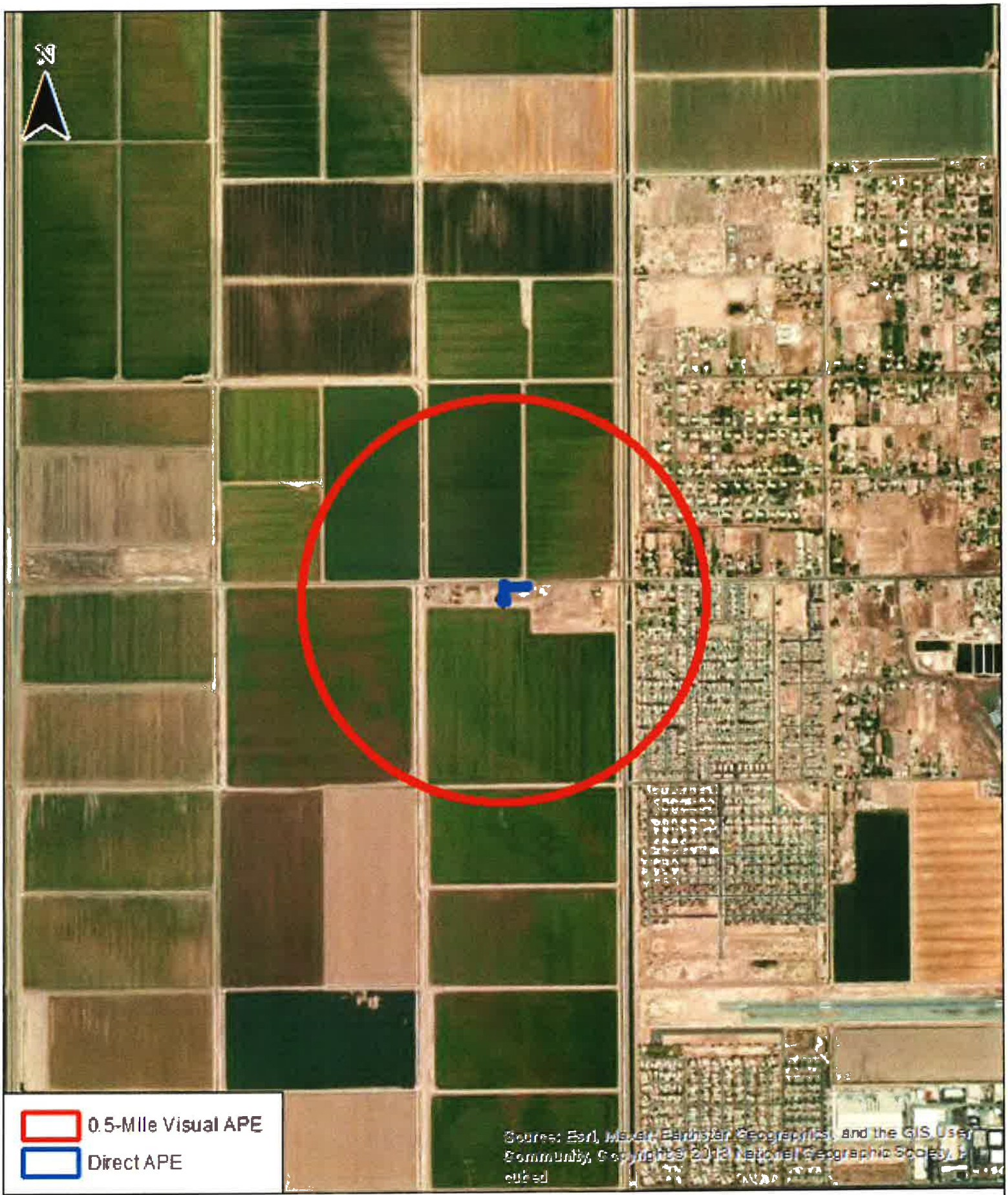
November 7, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.


0.5-Mile Visual APE
Direct APE
0
0.25
0.5
1 Miles
Imperial (CA-00435)
Imperial County, California
Copyright © 2013 National Geographic Society, i-cubed
EUCALYPTUS
LATERAL 17
LANDING STRIP
NORTH
CENTRAL
MAIN
CANAL
RICE
LATERAL 10
DRAIN 2
NEWSIDE
Gaging Sta
Purification Plant
BM-59



Imperial (CA-00435)
Imperial County, California

2008 Mcgaw Ave
Irvine, CA 92614

Date: 06/05/2025

STATEMENT OF COMPLIANCE WITH FCC/FAA

This Letter is to confirm that T-Mobile USA Inc. ("T-Mobile")'s cell site located at 749 W. Worthington Rd, Imperial, CA 92251 ***(latitude:*** 32.846758***, longitude:*** -115.600128***) T-Mobile Site:*** SD07740B will comply with the FCC regulations regarding PCS Band, AWS Band, 600 MHz, 700 MHz, and 2500 MHz Band frequency emissions. T-Mobile operational frequencies described in table below are outside the frequency bands associated with Radio Stations, Television Stations, Police, Fire and Emergency services.

Band	Block	Technology	Transmit MHz	Receive MHz
PCS (1900)	**B3_B4**	LTE	1950-1960	1870-1880
PCS (1900)	**A3_A4_A5**	NR	1930-1945	1850-1865
PCS (1900)	**C4_C5_G**	NR	1980-1995	1900-1915
AWS (2100)	**D_E_F1_F2**	LTE	2135-2155	1735-1755
Band 12 (700 MHz)	**A**	LTE	728-734	698-704
Band 71 (600 MHz)	**A**	LTE	617-622	663-668
Band 71 (600 MHz)	**B_C_D_E**	NR	622-642	668-688
Band 41 (2500 MHz)	**41**	NR	2496-2690	2496-2690

Pursuant to FCC regulations 47 CFR part 24, subpart E, sections 24.200 through 24.238 – T-Mobile must comply with the stated directives for PCS Band, AWS Band, 600 MHz, 700MHz and 2500 MHz Band providers. T-Mobile meets the stated requirements for PCS Band, AWS Band,600 MHz, 700MHz and 2500 MHz Band providers.

These requirements include but are not limited to the following:

1) Frequencies: allocated or licensed frequency bands for a PCS Band, AWS Band, 600 MHz, 700MHz and 2500MHz Band provider.

2) Frequency Stability: This ensures that the fundamental frequency authorized stays within the authorized frequency block.

3) Interference Protection: Standards set forth to ensure a PCS provider does not interfere with any existing PCS, Mobile Radio, AM or FM Broadcast radio station, VHF or UHF television station, Police, Fire or Emergency services.

4) In according with the FCC regulations, should T-Mobile receive notification from the FCC or other provider that harmful interference is being caused by their equipment, T-Mobile must either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference.

Alexandre Renaldino

Alexandre Renaldino
Sr. Engineer, RF Deployment

T-Mobile

SD07740B

LATITUDE/LONGITUDE: 32.846758, -115.600128
ADDRESS: 749 W. WORTHINGTON RD, IMPERIAL 92251

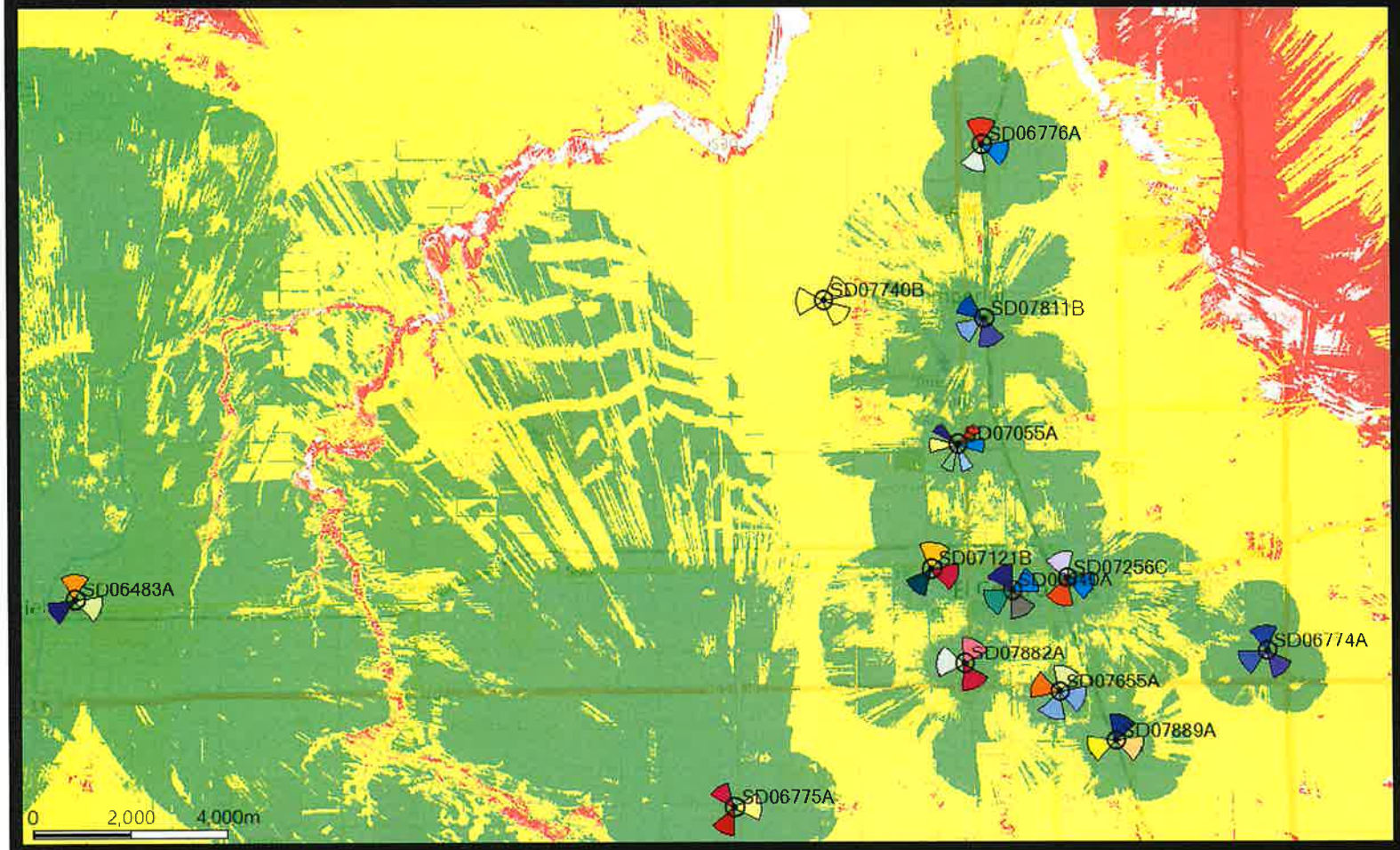
COVERAGE PREDICTIONS
116FT vs 96FT vs 76FT

06/05/2025

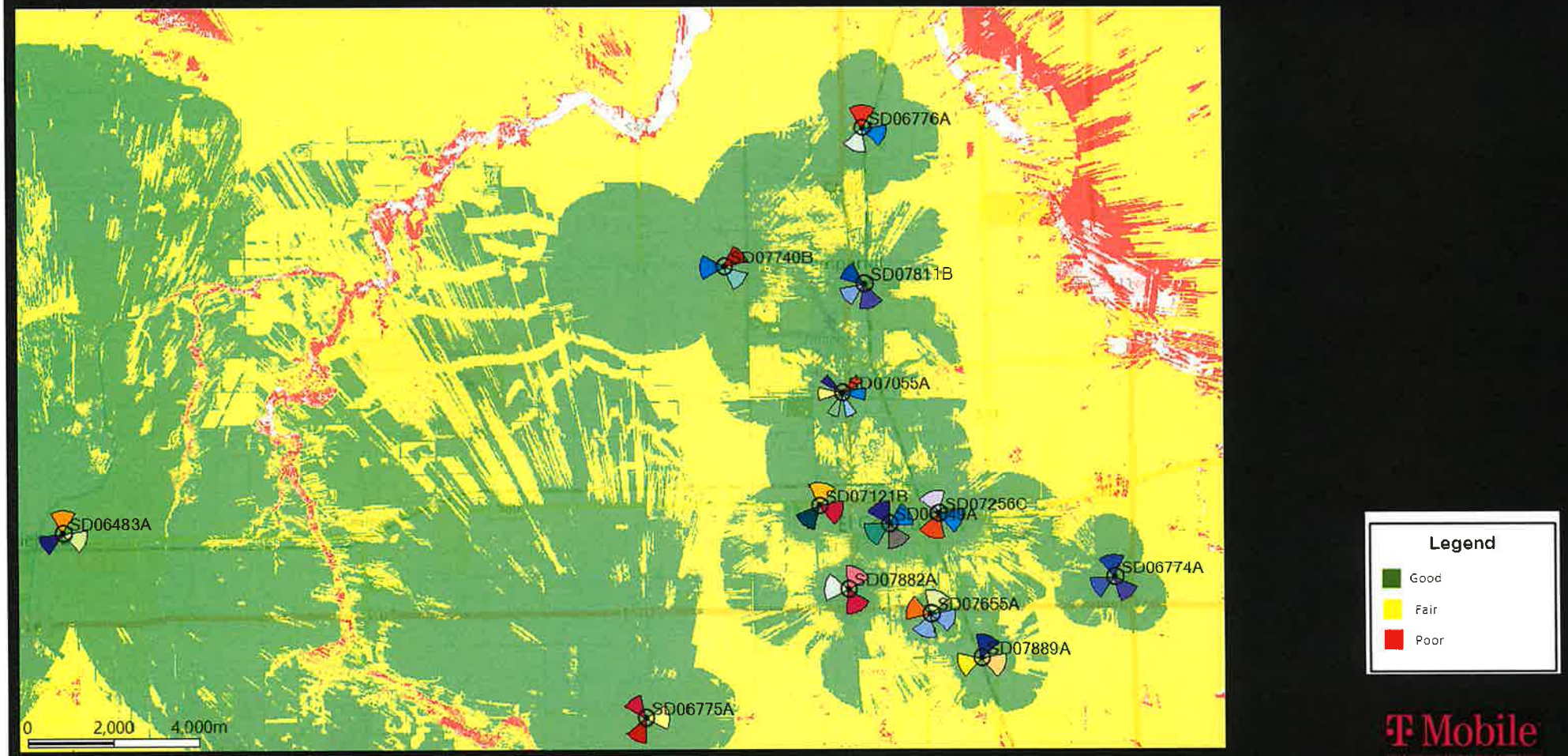
MAGENTA BUILT. NETWORK INSPIRED.

T-Mobile Confidential

COVERAGE WITHOUT SD07740B

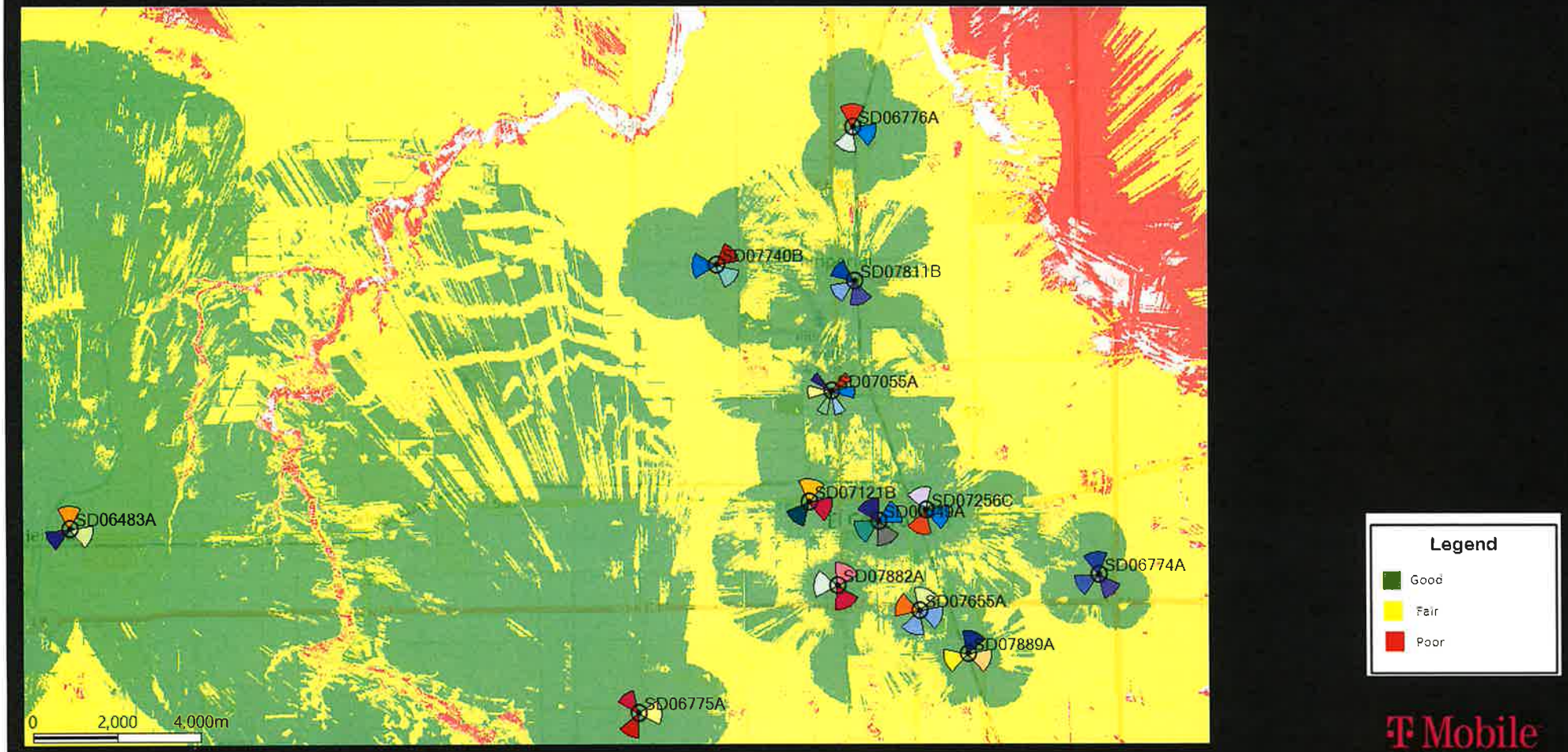


COVERAGE WITH SD07740B AT 116' RAD



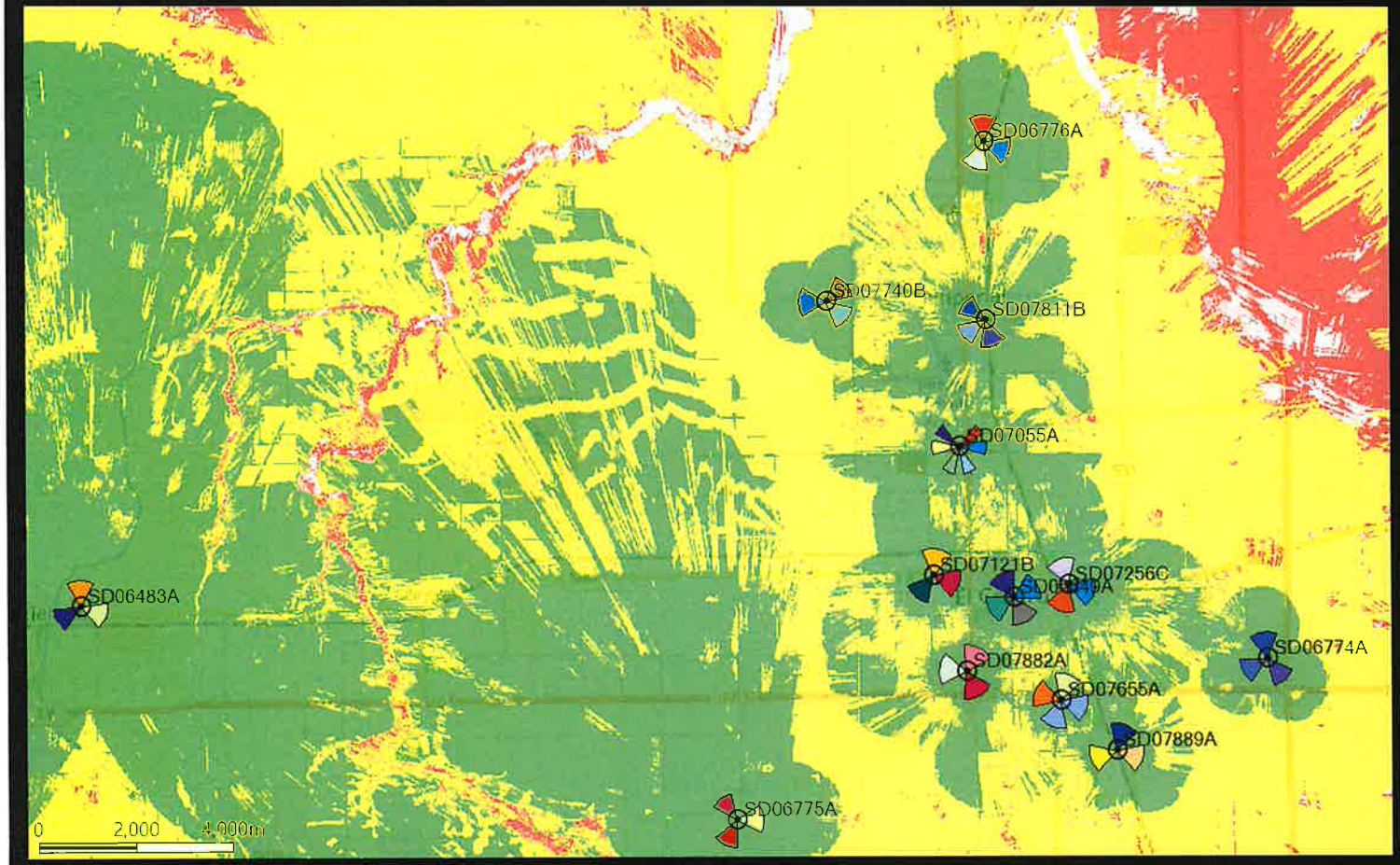
T-Mobile

COVERAGE WITH SD07740B AT 96' RAD



T-Mobile

COVERAGE WITH SD07740B AT 76' RAD

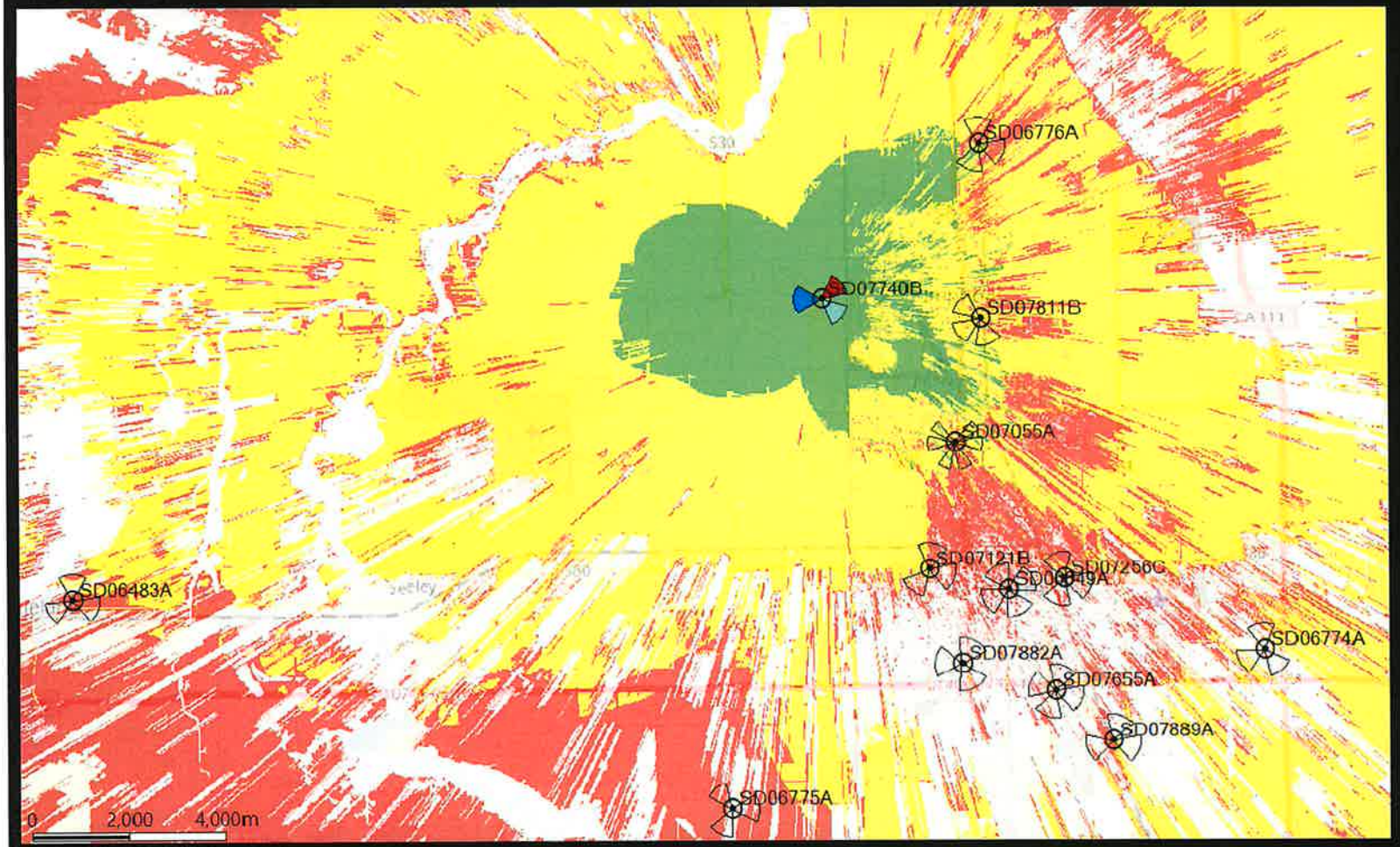


Legend

- Good
- Fair
- Poor

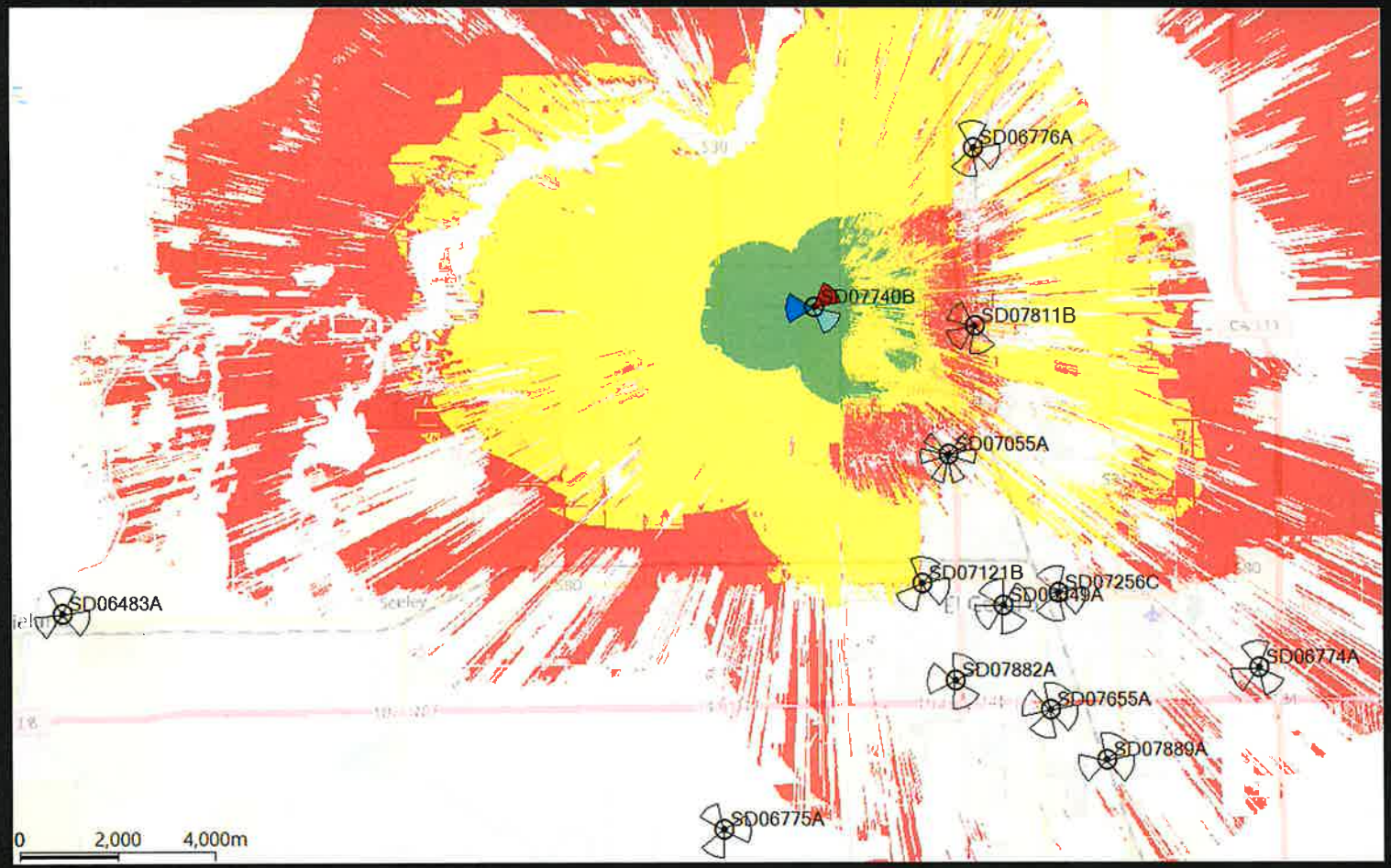
T-Mobile

ONLY SD07740B COVERAGE AT 116' RAD

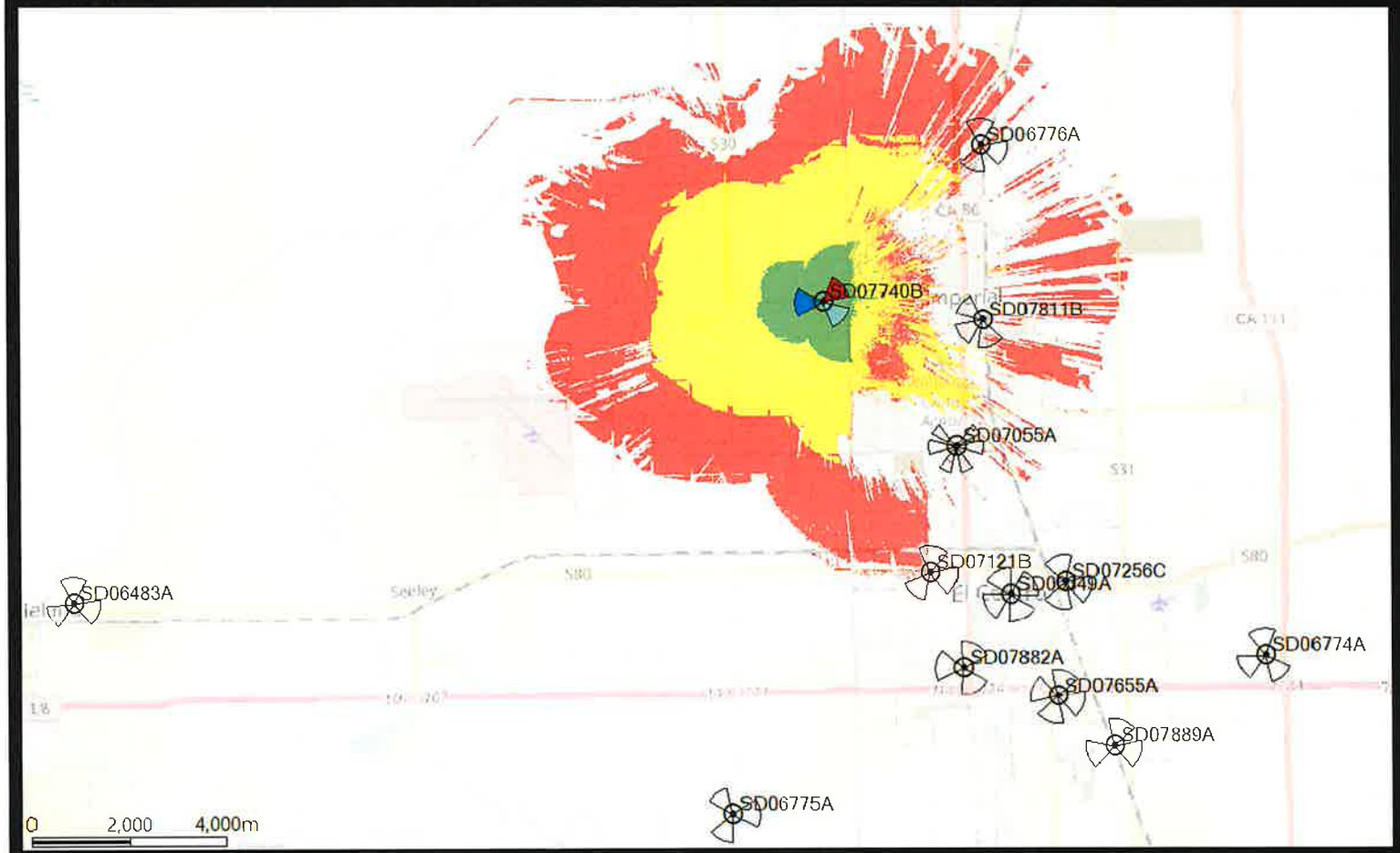


T-Mobile

ONLY SD07740B COVERAGE AT 96' RAD



ONLY SD07740B COVERAGE AT 76' RAD



United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Imperial County, California, Imperial Valley Area



December 23, 2024

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Contents

Preface 2
How Soil Surveys Are Made 5
Soil Map 8
Soil Map 9
Legend 10
Map Unit Legend 12
Map Unit Descriptions 12
Imperial County, California, Imperial Valley Area 14
115—Imperial-Glenbar silty clay loams complex, 0 to 2 percent slopes, wet 14
Soil Information for All Uses 17
Suitabilities and Limitations for Use 17
Building Site Development 17
Dwellings With Basements 17
Soil Reports 23
Soil Physical Properties 23
Engineering Properties 23
References 27

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

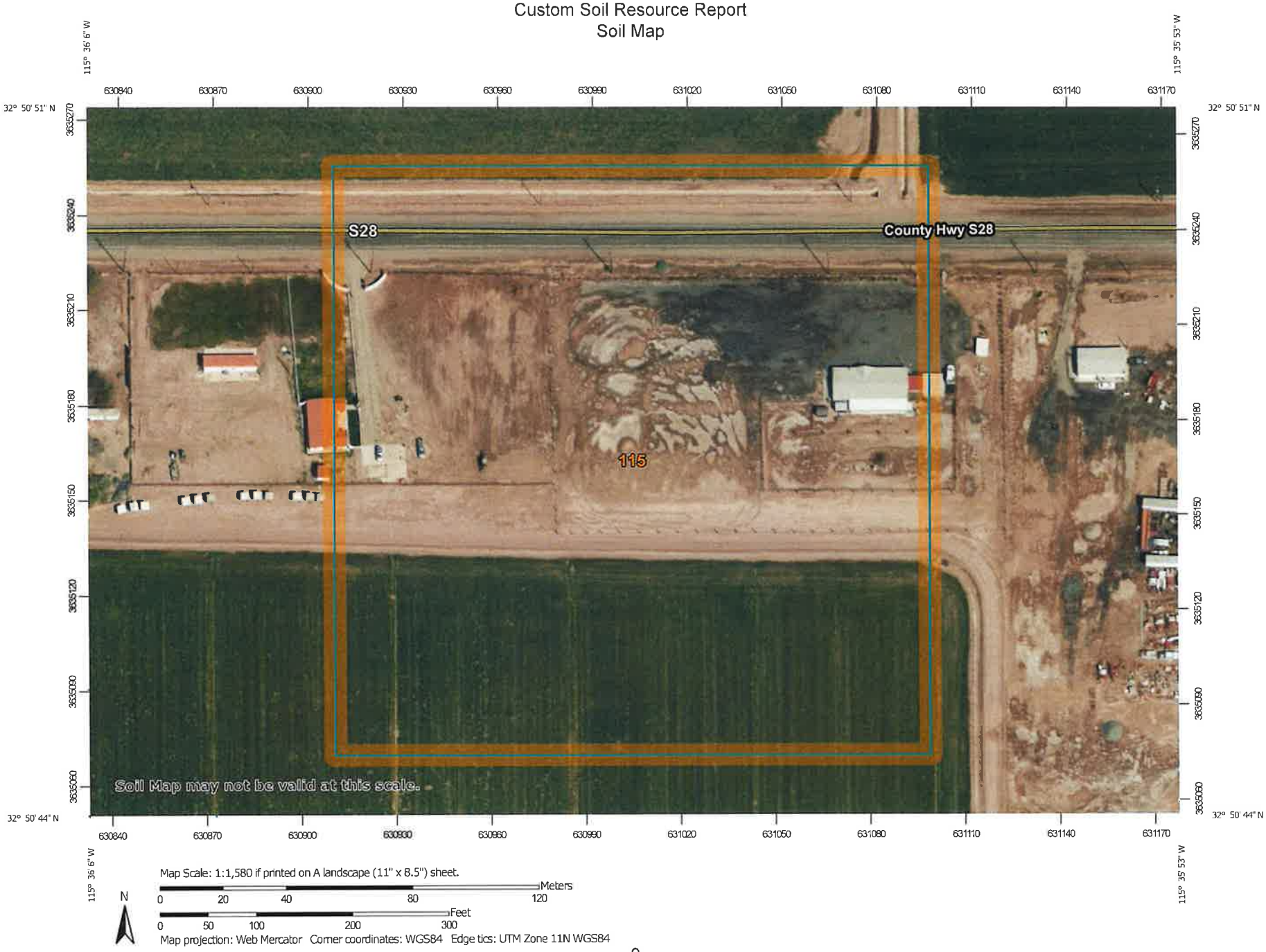
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:1,580 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Imperial County, California, Imperial Valley Area
Survey Area Data: Version 17, Sep 10, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2021—May 22, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND	MAP INFORMATION
	imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
115	Imperial-Glenbar silty clay loams complex, 0 to 2 percent slopes, wet	8.7	100.0%
Totals for Area of Interest		**8.7**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Imperial County, California, Imperial Valley Area

115—Imperial-Glenbar silty clay loams complex, 0 to 2 percent slopes, wet

Map Unit Setting

National map unit symbol: 2n7xh
Elevation: -230 to 200 feet
Mean annual precipitation: 0 to 3 inches
Mean annual air temperature: 72 to 75 degrees F
Frost-free period: 300 to 350 days
Farmland classification: Not prime farmland

Map Unit Composition

Imperial, wet, and similar soils: 41 percent
Glenbar, wet, and similar soils: 40 percent
Minor components: 19 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Imperial, Wet

Setting

Landform: Flood plains, lakebeds
Down-slope shape: Concave, linear
Across-slope shape: Convex, linear
Parent material: Alluvium over ancient fluviomarine deposits

Typical profile

C1 - 0 to 12 inches: silty clay loam
C2 - 12 to 24 inches: silty clay
C3 - 24 to 60 inches: silty clay

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 25 percent
Gypsum, maximum content: 2 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: High (about 9.4 inches)

Interpretive groups

Land capability classification (irrigated): 3w
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R040XD007CA - Lacustrine Basin and Large RIver Floodplain
Hydric soil rating: Unranked

Description of Glenbar, Wet

Setting

Landform: Flood plains, lakebeds
Down-slope shape: Concave, linear
Across-slope shape: Convex, linear
Parent material: Alluvium over ancient fluviomarine deposits

Typical profile

C1 - 0 to 13 inches: silty clay loam
C2 - 13 to 23 inches: clay loam
C3 - 23 to 25 inches: sandy clay loam
C4 - 25 to 60 inches: silty clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low (0.01 to 0.14 in/hr)
Depth to water table: About 18 to 36 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: High (about 9.9 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R040XD007CA - Lacustrine Basin and Large RIver Floodplain
Hydric soil rating: Unranked

Minor Components

Meloland

Percent of map unit: 10 percent
Landform: Basin floors
Down-slope shape: Concave
Across-slope shape: Linear
Ecological site: R040XD007CA - Lacustrine Basin and Large RIver Floodplain
Hydric soil rating: Unranked

Holtville, wet

Percent of map unit: 9 percent
Landform: Basin floors
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R040XD007CA - Lacustrine Basin and Large RIver Floodplain
Hydric soil rating: Unranked

Soil Information for All Uses

Suitabilities and Limitations for Use

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

Building Site Development

Building site development interpretations are designed to be used as tools for evaluating soil suitability and identifying soil limitations for various construction purposes. As part of the interpretation process, the rating applies to each soil in its described condition and does not consider present land use. Example interpretations can include corrosion of concrete and steel, shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns and landscaping.

Dwellings With Basements

ENG - Engineering

Dwellings are single-family houses of three stories or less. For dwellings with basements, the foundation is assumed to consist of spread footings of reinforced concrete built on undisturbed soil at a depth of about 7 feet.

The ratings for dwellings are based on the soil properties that affect the capacity of the soil to support a load without movement and on the properties that affect excavation and construction costs. The properties that affect the load-supporting capacity include depth to a water table, ponding, flooding, subsidence, linear extensibility (shrink-swell potential), and compressibility. Compressibility is inferred from the Unified classification of the soil. The properties that affect the ease and amount of excavation include depth to a water table, ponding, flooding, slope, depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, and the amount and size of rock fragments.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the specified use. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

Custom Soil Resource Report
Map—Dwellings With Basements



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- Very limited
- Somewhat limited
- Not limited
- Not rated or not available

Soil Rating Lines
- Very limited
- Somewhat limited
- Not limited
- Not rated or not available

Soil Rating Points
- Very limited
- Somewhat limited
- Not limited
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Imperial County, California, Imperial Valley Area
Survey Area Data: Version 17, Sep 10, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2021—May 22, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND	MAP INFORMATION
	imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Tables—Dwellings With Basements

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
115	Imperial-Glenbar silty clay loams complex, 0 to 2 percent slopes, wet	Somewhat limited	Glenbar, wet (40%)	Depth to saturated zone (0.96)	8.7	100.0%
				Shrink-swell (0.54)		
			Holtville, wet (9%)	Depth to saturated zone (0.96)		
Totals for Area of Interest					**8.7**	**100.0%**

Rating	Acres in AOI	Percent of AOI
Somewhat limited	8.7	100.0%
Totals for Area of Interest	**8.7**	**100.0%**

Rating Options—Dwellings With Basements

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Soil Reports

The Soil Reports section includes various formatted tabular and narrative reports (tables) containing data for each selected soil map unit and each component of each unit. No aggregation of data has occurred as is done in reports in the Soil Properties and Qualities and Suitabilities and Limitations sections.

The reports contain soil interpretive information as well as basic soil properties and qualities. A description of each report (table) is included.

Soil Physical Properties

This folder contains a collection of tabular reports that present soil physical properties. The reports (tables) include all selected map units and components for each map unit. Soil physical properties are measured or inferred from direct observations in the field or laboratory. Examples of soil physical properties include percent clay, organic matter, saturated hydraulic conductivity, available water capacity, and bulk density.

Engineering Properties

This table gives the engineering classifications and the range of engineering properties for the layers of each soil in the survey area.

Hydrologic soil group is a group of soils having similar runoff potential under similar storm and cover conditions. The criteria for determining Hydrologic soil group is found in the National Engineering Handbook, Chapter 7 issued May 2007(http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=17757.wba). Listing HSGs by soil map unit component and not by soil series is a new concept for the engineers. Past engineering references contained lists of HSGs by soil series. Soil series are continually being defined and redefined, and the list of soil series names changes so frequently as to make the task of maintaining a single national list virtually impossible. Therefore, the criteria is now used to calculate the HSG using the component soil properties and no such national series lists will be maintained. All such references are obsolete and their use should be discontinued. Soil properties that influence runoff potential are those that influence the minimum rate of infiltration for a bare soil after prolonged wetting and when not frozen. These properties are depth to a seasonal high water table, saturated hydraulic conductivity after prolonged wetting, and depth to a layer with a very slow water transmission rate. Changes in soil properties caused by land management or climate changes also cause the hydrologic soil group to change. The influence of ground cover is treated independently. There are four hydrologic soil groups, A, B, C, and D, and three dual groups, A/D, B/D, and C/D. In the dual groups, the first letter is for drained areas and the second letter is for undrained areas.

The four hydrologic soil groups are described in the following paragraphs:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Depth to the upper and lower boundaries of each layer is indicated.

Texture is given in the standard terms used by the U.S. Department of Agriculture. These terms are defined according to percentages of sand, silt, and clay in the fraction of the soil that is less than 2 millimeters in diameter. "Loam," for example, is soil that is 7 to 27 percent clay, 28 to 50 percent silt, and less than 52 percent sand. If the content of particles coarser than sand is 15 percent or more, an appropriate modifier is added, for example, "gravelly."

Classification of the soils is determined according to the Unified soil classification system (ASTM, 2005) and the system adopted by the American Association of State Highway and Transportation Officials (AASHTO, 2004).

The Unified system classifies soils according to properties that affect their use as construction material. Soils are classified according to particle-size distribution of the fraction less than 3 inches in diameter and according to plasticity index, liquid limit, and organic matter content. Sandy and gravelly soils are identified as GW, GP, GM, GC, SW, SP, SM, and SC; silty and clayey soils as ML, CL, OL, MH, CH, and OH; and highly organic soils as PT. Soils exhibiting engineering properties of two groups can have a dual classification, for example, CL-ML.

The AASHTO system classifies soils according to those properties that affect roadway construction and maintenance. In this system, the fraction of a mineral soil that is less than 3 inches in diameter is classified in one of seven groups from A-1 through A-7 on the basis of particle-size distribution, liquid limit, and plasticity index. Soils in group A-1 are coarse grained and low in content of fines (silt and clay). At the other extreme, soils in group A-7 are fine grained. Highly organic soils are classified in group A-8 on the basis of visual inspection.

If laboratory data are available, the A-1, A-2, and A-7 groups are further classified as A-1-a, A-1-b, A-2-4, A-2-5, A-2-6, A-2-7, A-7-5, or A-7-6. As an additional refinement, the suitability of a soil as subgrade material can be indicated by a group index number. Group index numbers range from 0 for the best subgrade material to 20 or higher for the poorest.

Percentage of rock fragments larger than 10 inches in diameter and 3 to 10 inches in diameter are indicated as a percentage of the total soil on a dry-weight basis. The percentages are estimates determined mainly by converting volume percentage in the field to weight percentage. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Percentage (of soil particles) passing designated sieves is the percentage of the soil fraction less than 3 inches in diameter based on an ovendry weight. The sieves,

numbers 4, 10, 40, and 200 (USA Standard Series), have openings of 4.76, 2.00, 0.420, and 0.074 millimeters, respectively. Estimates are based on laboratory tests of soils sampled in the survey area and in nearby areas and on estimates made in the field. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Liquid limit and *plasticity index* (Atterberg limits) indicate the plasticity characteristics of a soil. The estimates are based on test data from the survey area or from nearby areas and on field examination. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

References:

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Absence of an entry indicates that the data were not estimated. The asterisk '*' denotes the representative texture; other possible textures follow the dash. The criteria for determining the hydrologic soil group for individual soil components is found in the National Engineering Handbook, Chapter 7 issued May 2007(http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=17757.wba). Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Engineering Properties–Imperial County, California, Imperial Valley Area														
Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Liquid limit	Plasticity index
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
			In				*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*
115—Imperial-Glenbar silty clay loams complex, 0 to 2 percent slopes, wet														
Imperial, wet	41	D	0-12	Silty clay loam	CL	A-7-6, A-6	0- 0- 0	0- 0- 0	100-100-100	100-100-100	97-100-100	95-99-100	35-40-46	17-21-25
			12-24	Silty clay	CH	A-7-6	0- 0- 0	0- 0- 0	90-100-100	90-100-100	88-100-100	81-94-95	51-54-56	29-31-33
			24-60	Silty clay	CH	A-7-6	0- 0- 0	0- 0- 0	90-100-100	90-100-100	88-100-100	81-94-96	53-56-58	31-33-34
Glenbar, wet	40	D	0-13	Silty clay loam	CL	A-7-6	0- 0- 0	0- 0- 0	100-100-100	100-100-100	97-99-100	90-91-94	42-45-47	22-24-26
			13-23	Clay loam	CL	A-7-6	0- 0- 0	0- 0- 0	77-100-100	76-100-100	73-98-100	62-84-86	42-45-48	23-24-26
			23-25	Sandy clay loam	SC	A-6	0- 0- 0	0- 0- 0	98-100-100	98-100-100	83-86-87	42-45-47	30-32-36	13-14-17
			25-60	Silty clay loam	CL	A-7-6, A-6	0- 0- 0	0- 0- 0	100-100-100	100-100-100	97-98-100	89-91-92	40-43-46	21-23-25

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

Date: **January 7, 2025**

Justin Jones
Skyway Towers
3637 Madaca Lane
Tampa, FL 33618
(813) 960-6200

326 Tryon Road
Raleigh, NC 27603
(919) 661-6351
Geotech@tepgroup.net

Subject: Subsurface Exploration Report

Skyway Towers Designation:	***Site Number:***	*CA-00435*
	Site Name:	*Imperial*
Engineering Firm Designation:	***TEP Project Number:***	*341053.1032886*
Site Data:	***749 W Worthington Road, Imperial, CA 92251 (Imperial County)*** ***Latitude N32° 50' 48.3", Longitude W115° 36' 0.5"*** ***120 Foot – Proposed Monopole Tower***	

Justin Jones,

TEP is pleased to submit this **"Subsurface Exploration Report"** to evaluate subsurface conditions in the tower area as they pertain to providing support for the tower foundation.

This report has been prepared in accordance with generally accepted geotechnical engineering practice for specific application to this project. The conclusions in this report are based on the applicable standards of TEP's practice in this geographic area at the time this report was prepared. No other warranty, expressed or implied, is made.

TEP assumes the current ground surface elevation, tower location and subsequent centerline provided are correct and are consistent with the elevation and centerline to be used for construction of the structure. Should the ground surface elevation be altered and/or the tower location be moved or shifted TEP should be contacted to determine if additional borings are necessary.

The analyses and recommendations submitted herein are based, in part, upon the data obtained from the subsurface exploration. The soil conditions may vary from what is represented in the boring log. While some transitions may be gradual, subsurface conditions in other areas may be quite different. Should actual site conditions vary from those presented in this report, TEP should be provided the opportunity to amend its recommendations, as necessary.

We at TEP appreciate the opportunity of providing our continuing professional services to you and Skyway Towers. If you have any questions or need further assistance on this or any other project, please give us a call.

Report Prepared/Reviewed by: Zeke A. Buchta, G.I.T. / John D. Longest, P.E.

Respectfully submitted by:

John D. Longest, P.E.



1/7/25

TEP is a family of companies licensed to provide different services in different jurisdictions. Depending on the jurisdiction, professional engineering and land surveying services are provided by TEP OpCo LLC, a Delaware limited liability company, TEP Engineering, PLLC, a North Carolina professional limited liability company, or M&H Engineering, PLLC, a New York professional limited liability company. General contractor services are provided by TEPDB OpCo LLC, a Delaware limited liability company. We acquire the requisite licenses in each state. Additional information can be obtained from the company.

TABLE OF CONTENTS

1) PROJECT DESCRIPTION

2) SITE EXPLORATION

3) SITE CONDITIONS

4) SUBSURFACE CONDITIONS

4.1) Soil
4.2) Rock
4.3) Subsurface Water
4.4) Frost

5) TOWER FOUNDATION ANALYSIS

5.1) Shallow Foundation
Table 1 – Shallow Foundation Design Parameters
5.2) Drilled Shaft Foundation
Table 2 – Drilled Shaft Foundation Design Parameters
5.3) Modulus of Subgrade Reaction

6) SOIL RESISTIVITY

7) SEISMIC DESIGN CONSIDERATIONS AND GEOLOGIC HAZARDS

7.1) Seismic Design Parameters
Table 3 – Seismic Design Parameters
7.2) Seismic Hazard Review
Table 4 – Seismic-Induced Total Settlement
7.3) Geologic Hazard Review

8) CONSTRUCTION CONSIDERATIONS - SHALLOW FOUNDATION

8.1) Excavation
8.2) Dewatering/Foundation Evaluation/Subgrade Preparation
8.3) Fill Placement and Compaction
8.4) Reuse of Excavated Soil

9) CONSTRUCTION CONSIDERATIONS - DRILLED SHAFTS

10) SITE PHOTOGRAPHS

APPENDIX A

Boring Layout

APPENDIX B

NovoLIQ Report

APPENDIX C

Boring Log

1) PROJECT DESCRIPTION

It is understood a monopole communications tower is being planned for construction at the above referenced site. The structure loads can be obtained from the tower manufacturer.

2) SITE EXPLORATION

The field exploration included the performance of one soil test boring (B-1). The boring was advanced to the planned depth of 50 feet below ground surface (bgs) at the approximate location of the proposed monopole tower. The boring was performed by a truck mounted drill rig using continuous flight hollow stem augers to advance the hole. Split-spoon samples and Standard Penetration Test (SPT) resistance values (N-values) were obtained in accordance with ASTM D1586 at a frequency of four samples in the top 10 feet and two samples in every 10 feet thereafter.

The Split-spoon samples were transported to the TEP laboratory where they were classified by a qualified representative of the Geotechnical Engineer in general accordance with the Unified Soil Classification System (USCS), using visual-manual identification procedures (ASTM D2488).

A boring location plan showing the approximate boring location and the boring log presenting the subsurface information obtained, accompanied with a brief guide to interpreting the boring log, are included in Appendix A and C, respectively.

3) SITE CONDITIONS

The site is located at 749 W Worthington Road in Imperial, Imperial County, California. The proposed tower and compound are to be located in a dirt lot. The ground topography is relatively level.

4) SUBSURFACE CONDITIONS

The following description of subsurface conditions is brief and general. For more detailed information, the individual boring log contained in Appendix C may be consulted.

4.1) Soil

The USCS classification of the soils encountered in the boring include CL, SM, CH, and ML. The Standard Penetration Resistance ("N" Values) recorded in the subsurface materials range from 4 to 18 blows per foot of penetration.

4.2) Rock

Rock was not encountered n the boring. Refusal of auger advancement was not encountered in the boring.

4.3) Subsurface Water

Subsurface water was encountered at a depth of 8.5 feet (bgs) in the boring at the time of drilling. It should be noted the subsurface water level will fluctuate during the year due to seasonal variations, precipitation events and construction activity in the area.

4.4) Frost

The Telecommunications Industry Association (TIA) frost depth for Imperial County, California is 5 inches.

5) TOWER FOUNDATION ANALYSIS

Due to site characteristics and the presence of loose, submerged soils, the site is likely to be subject to liquefaction during a design-level seismic event. Liquefaction is the loss of a soil's shear strength due to the increase in pore water pressure resulting from seismic cyclic loading. Liquefaction at the site was evaluated using NovoLIQ software, the estimated subsurface water level and the site's peak ground acceleration (PGA). Based on the analysis, there are several distinguishable layers susceptible to liquefaction located between the depths of 38.5 and 50 feet (bgs). The total dynamic and liquefaction-induced settlements were calculated to be about 1.88 inches. Additional discussion on the evaluation for liquefaction, dynamic and liquefaction-induced settlements can be found in Section 7.2 of this report. The different tower elements should be evaluated to ensure that the monopole tower and its foundation can withstand independent movements caused by seismic settlements.

Based on the boring data, it is the opinion of TEP that a pier extending to a single large mat foundation or a single drilled shaft can be used to support the new tower. The following presents TEP's conclusions and recommendations regarding the foundation types.

5.1) Shallow Foundation

Based on preliminary site information, the site is located on relatively level ground. It is recommended that foundation designs account for site grades being raised with excavation spoils or that foundation drawings specify minimum embedment depths based on existing site elevations and factor in ground slopes.

The following values may be used for design of the monopole shallow foundation. The foundation should bear a minimum of 5 inches below the ground surface to penetrate the frost depth and with sufficient depth to withstand overturning of the tower. To resist the overturning moment, the weight of the concrete and any soil directly above the foundation can be used. The values provided in Table 1 consider ground surface elevation at the time of the subsurface exploration and undisturbed, native materials. Due to the construction process disturbing the in-situ soils and reducing the soil densities above the new foundation from those provided in Table 1, TEP recommends that the foundation designer specify a minimum depth and unit weight for compacted backfill to resist overturning of the new shallow foundation.

Table 1 – Shallow Foundation Design Parameters

Depth (feet)		Subsurface Material	Gross Ultimate Bearing[1,2] (psf)	Cohesion[1] (psf)	Friction Angle[1] (degrees)	Effective Unit Weight (pcf)	Friction Factor
Top	Bottom						
0	3.5	CL	8525	-	-	111	0.30
3.5	6	CL	7925	-	-	111	0.30
6	8.5	CL	7325	1125	-	111	0.30
8.5	13.5	SM	6200	-	30	45	0.36

Notes:
1) These values should be considered ultimate soil parameters.
2) Bearing values consider a foundation width ranging from 12 to 30 feet and less than 1 inch of total settlement.

Shallow foundations should be designed to withstand site deformations as a result of a design-level seismic event. Total dynamic seismic-induced settlement for the site as a result of a design-level seismic event has been evaluated to be about 1.88 inches. Differential settlements can be estimated as half the total settlement for any singular location over a distance of 30 horizontal feet. For this site, the estimated differential settlement is 1.88 inches. Lateral deformation was evaluated at the site with an estimated average lateral spread, based on a 0.5% slope, of 9 inches.

5.2) Drilled Shaft Foundation

Based on the results of the preliminary liquefaction analysis, there is potential for 1.88 inches of liquefaction-induced settlement at this site, with about 1.88 inches occurring between 38.5 feet and 50 feet (bgs). Subsidence of soils overlying these potentially liquefiable layers may generate downdrag forces via negative side friction on the drilled shaft foundation. TEP anticipates that drilled shaft foundations will likely bear well above 38.5 feet (bgs), so it is assumed that the planned foundation will settle with surrounding soils, and no downdrag forces need be considered. It should be verified that the planned tower and foundation may withstand the calculated settlements.

The following values may be used for design of the monopole drilled shaft foundation. The embedment depth for the proposed tower shall be above the depth of 35 feet (bgs). TEP recommends the side frictional and lateral resistance values developed in the top section of the caisson for a depth equal to the half the diameter of the caisson be neglected in design calculations. The drilled shaft foundation should be designed to terminate within a known material, CL, SM, CH, or ML, as presented in Table 2, with sufficient bearing to support the structural loading of the tower. The values presented in Table 2 are based on the ground surface elevation at the time of the subsurface exploration.

Table 2 – Drilled Shaft Foundation Design Parameters

Depth (feet)		Subsurface Material	Gross Ultimate Bearing[1] (psf)	Ultimate Side Frictional Resistance[1] (psf)	Cohesion[1] (psf)	Friction Angle[1] (degrees)	Effective Unit Weight (pcf)
Top	Bottom						
0	3.5	CL	12725	1140	2075	-	111
3.5	6	CL	10675	850	1550	-	111
6	8.5	CL	8900	610	1125	-	111
8.5	13.5	SM	8500	430	-	30	45
13.5	18.5	CH	6850	450	825	-	48
18.5	23.5	ML	5700	350	650	-	45
23.5	28.5	ML	7550	460	850	-	45
28.5	33.5	ML	6500	390	725	-	45
33.5	38.5	ML	6975	420	775	-	49
38.5	43.5	ML[2]	5875	350	650	-	49
43.5	48.5	ML[2]	7725	460	850	-	49
48.5	50	ML[2]	6825	410	750	-	49

Notes:
1) These values should be considered ultimate soil parameters.
2) The identified layer may be subject to liquefaction. During a seismic event this layer may lose shear strength and subsidence of overlying layers may generate negative skin friction on deep foundations. Post-liquefaction residual shear strengths have been provided for this layer.

Relying on soil strengths above the seasonal frost depth may lead to settlement and rotation, and settlement of the base. Where analysis of foundations relies on strengths of soils above the frost depth, more frequent maintenance visits should be made to check plumb and verify vertical movements of the foundation have not occurred.

5.3) Modulus of Subgrade Reaction

A vertical modulus of subgrade reaction and a horizontal modulus of subgrade reaction may be derived using the following equations and soil parameters for analysis of foundations.

$$k_{s-v} = 12 \cdot SF \cdot q_a$$

$$k_{s-h} = k_{s-v} \cdot B$$

Where;

q_a = Allowable Bearing Capacity (ksf)
SF = Factor of Safety
B = Base width (ft), use 1 if B < 1ft.
k_{s-v} = Vertical Modulus of Subgrade Reaction (kcf)
k_{s-h} = Horizontal Modulus of Subgrade Reaction (ksf)

6) SOIL RESISTIVITY

Soil resistivity testing was performed at the TEP laboratory in accordance with ASTM G57 (Standard Test Method for Measurement of Soil Resistivity Using the Four Electrode Soil Box Method). The test results indicate the resistivity of 280 ohm-cm in the near-surface soils. It should be noted that soil resistivity will fluctuate during the year due to seasonal variations, precipitation events and depth below surface.

7) SEISMIC DESIGN CONSIDERATIONS AND GEOLOGIC HAZARDS

The following sections were assembled to provide site-specific seismic design parameters and address any potential site seismic hazards and/or geologic hazards identified. Estimating potential seismic hazards utilizes many variables including the distance of the site to known faults, the expected magnitude of an earthquake and the rate of recurrence for this magnitude, source-to-site ground motion attenuation characteristics, and the site's soil stratigraphy. In accordance with Section 1613.2.2 of the 2022 California Building Code (2022 CBC), a site's seismic Site Class can be determined by the average soil properties in the upper 100 feet (Table 20.3-1 Site Classification) and all structures and portions of structures should be designed to resist the effects of seismic loadings caused by earthquake ground motions in accordance with ASCE 7-16.

7.1) Seismic Design Parameters

Based on the average site soil properties, a seismic Site Class E – Soft Clay Soil can be used in the analysis of this site. The seismic design parameters presented in Table 3 were obtained from the OSHPD Seismic Hazard Design Maps available through the USGS and in accordance with ASCE 7-16.

Table 3 – Seismic Design Parameters

Site Class	E – Soft Clay Soil
Site Specific MCE Peak Ground Acceleration, PGA	0.891g
Short Period Spectral Response Acceleration period, S_S	2.155
Long Period Spectral Response Acceleration period, S_1	0.731
Short Period Site Amplification Factor, F_a	See Section 11.4.8 of ASCE 7-16
Long Period Site Amplification Factor, F_v	See Section 11.4.8 of ASCE 7-16
Short-Period Design Spectral Response Acceleration, S_{DS}	See Section 11.4.8 of ASCE 7-16
1-Second Period Design Spectral Response Acceleration, S_{D1}	See Section 11.4.8 of ASCE 7-16

A site response analysis may be required. Section 11.4.8 of ASCE 7-16 should be reviewed to determine if an exception applies to this site. A site-specific ground motion hazard analysis is outside the scope of work associated with this report.

7.2) Seismic Hazard Review

Seismic hazards were reviewed in accordance with California Geological Survey's Special Publication 117A Guidelines for Evaluating and Mitigating Seismic Hazards in California (2008). Based on available information, faults were mapped in the vicinity of the project site. The 5 closest faults are identified:

Fault Name	Distance (miles)
San Jacinto fault (Superstition Hills section)	1.3
Imperial fault	4.3
Brawley Seismic Zone	5.6
San Jacinto fault (Superstition Mountain section)	9.3
San Felipe fault zone	11.8

Due to the presence of submerged sands at the site, a liquefaction analysis was conducted for this project location. The ground surrounding the tower site can be described as being relatively level to very gently sloping. Considering the site topography, it is not likely that the site should be considered susceptible to landslides or flows. However, lateral displacement was considered and is discussed below.

A liquefaction analysis was performed for this location using CLiq software (GeoLogismiki, 2007). No soil layers were omitted from evaluation based on plasticity or otherwise. The parameters for the analysis of the top 50 feet (bgs) included an earthquake magnitude of 6.93, based on the USGS Unified Hazard Tool, a peak ground acceleration (PGA) of 0.891g, in accordance with ASCE 7-16 from the OSHPD website (http://seismicmaps.org), and a subsurface water level of 8.5 feet (bgs). The maximum earthquake magnitude was based on a 2-percent probability of exceedance in 50 years or an average return period of 2475 years. Several layers are likely to be susceptible to earthquake-induced liquefaction with a factor of safety (FOS) below 1. Total cumulative liquefaction-induced settlement is estimated to be 1.88 inches. Differential settlements can be estimated as half the total settlement for any singular location over a distance of 30 horizontal feet (0.94 inches). However, differential settlements need not be considered for drilled shafts due to the relatively small footprint.

Due to the relatively level grade of this site, the analysis for lateral spread was performed considering gentle slope conditions from the north to the south side of the site. Based on elevations from Google Earth the site was evaluated with a very gentle grade of 0.5% slope. The calculated lateral spread for the boring is calculated to be between 9 and 10 inches.

The detailed NovoLIQ analysis report is included in Appendix B and the summarized settlement analysis is provided in Table 4.

Table 4 – Seismic-Induced Total Settlement

Depth (feet)		Subsurface Material	Average Factor of Safety (FOS)	Total Seismic-Induced Settlement (inches)	Cumulative Total Seismic-Induced Settlement (inches)
Top	Bottom				
0	3.5	CL	-	-	-
3.5	6	CL	-	-	-
6	8.5	CL	-	-	-
8.5	13.5	SM	-	-	-
13.5	18.5	CH	1.59	0	1.88
18.5	23.5	ML	1.63	0	1.88
23.5	28.5	ML	1.54	0	1.88
28.5	33.5	ML	1.48	0	1.88
33.5	38.5	ML	1.47	0	1.88
38.5	43.5	ML	0.74	0.92	1.88
43.5	48.5	ML	0.78	0.63	0.96
48.5	50	ML	0.77	0.33	0.33
				Total Cumulative Settlement[2]	**1.88 inches**

Based on our evaluation, the proposed tower and associated lightly loaded structures are acceptable from a geotechnical engineering standpoint, provided the foundation design takes into account the estimated seismic-induced settlements and potential downdrag forces noted in Section 5.2 and follows the recommendations within this report. Minimal grading is expected at the site. Grading should not be considered susceptible to landslide, settlement, and slippage under the anticipated design loadings and conditions; the proposed tower and associated lightly loaded structures should not impose any adverse effect on existing adjacent land or structures.

7.3) Geologic Hazard Review

Based on the subsurface exploration, site specific geologic hazards including, but not limited to, shrink/swell soils, collapsible soils, problematic shales, karst, and indicators of potential slope failures were not encountered in the sounding. As is customary, any known geologic hazards identified during exploration and subsequent analysis have been noted in the report. Potentially liquefiable soils and differential settlements were addressed in Sections 5.2 and 7.2 of this report.

8) CONSTRUCTION CONSIDERATIONS - SHALLOW FOUNDATION

The following recommendations pertain to the newly proposed tower foundation only. Should additional recommendations be required for lightly loaded support structures, such as the equipment shelter, TEP can provide these, at the client's request, for an additional fee.

8.1) Excavation

The boring data indicates excavation to the expected subgrade level for the shallow foundation will extend through clay and sand. A large, tracked excavator should be able to remove the materials with moderate difficulty.

Excavations should be sloped or shored in accordance with local, state and federal regulations, including OSHA (29 CFR Part 1926) excavation trench safety standards. It is the responsibility of the contractor for site safety. This information is provided as a service and under no circumstance should TEP be assumed responsible for construction site safety.

8.2) Dewatering/Foundation Evaluation/Subgrade Preparation

As subsurface water was encountered at a depth of 8.5 feet (bgs) during the subsurface exploration, dewatering may or may not be required. Subsurface water can likely be controlled with the use of a sump and pump system and/or trenches. Dewatering components should be placed to not interfere with the placement of backfill materials and/or concrete foundations and should be utilized to keep the localized water table below the bottom of any excavation.

After dewatering and excavation to the design elevation for the footing, the materials should be evaluated by a Geotechnical Engineer or a representative of the Geotechnical Engineer prior to reinforcement and concrete placement. This evaluation should include probing, shallow hand auger borings and dynamic cone penetrometer testing (ASTM STP 399) to help verify that suitable residual material lies directly under the foundation and to determine the need for any undercut and replacement of unsuitable materials. Loose surficial material should be compacted in the excavation prior to reinforcement and concrete placement to stabilize surface soil that may have become loose during the excavation process. TEP recommends a 6-inch layer of compacted dense-graded stone be placed just after excavation to aid in surface stability.

8.3) Fill Placement and Compaction

Backfill materials placed above the shallow foundation to the design subgrade elevation should not contain more than 5 percent by weight of organic matter, waste, debris or any otherwise deleterious materials. To be considered for use, backfill materials should have a maximum dry density of at least 100 pounds per cubic foot as determined by modified Proctor (ASTM D1557), a Liquid Limit no greater than 40, a Plasticity Index no greater than 20, a maximum particle size of 4 inches, and 20 percent or less of the material having a particle size between 2 and 4 inches. Because small handheld or walk-behind compaction equipment will most likely be used, backfill should be placed in thin horizontal lifts not exceeding 6 inches (loose).

Fill placement should be monitored by a qualified Materials Technician working under the direction of a Geotechnical Engineer. In addition to the visual evaluation, a sufficient amount of in-place field density tests should be conducted to confirm the required compaction is being attained.

8.4) Reuse of Excavated Soil

The clay and sand that meets the above referenced criteria can be utilized as backfill based on dry soil and site conditions at the time of construction.

9) CONSTRUCTION CONSIDERATIONS - DRILLED SHAFTS

Based on TEP's experience, a conventional drilled shaft rig (Hughes Tool LDH, or equivalent) can be used to excavate to the termination depth of TEP's boring. An earth auger can typically penetrate the materials encountered to the termination depth of the boring with moderate difficulty. Special excavation equipment may be necessary for a shaft greater that 60-inches in diameter.

Due to the subsurface water and the sandy soil, the contractor should utilize the "slurry" method for shaft construction. The following are general procedure recommendations in drilled shaft construction using the "slurry" method:

1) Slurry drilled shafts are constructed by conventional caisson drill rigs excavating beneath a drilling mud slurry. Typically, the slurry is introduced into the excavation after the water table has been penetrated and/or the soils on the sides of the excavation are observed to be caving-in. When the design shaft depth is reached, fluid concrete is placed through a tremie pipe at the bottom of the excavation.

2) The slurry level should be maintained at a minimum of 5 feet or one shaft diameter, whichever is greater, above the subsurface water level.

3) Inspection during excavation should include verification of plumbness, maintenance of sufficient slurry head, monitoring the specific gravity, pH and sand content of the drilling slurry, and monitoring any changes in the depth of the excavation between initial approval and prior to concreting.

4) A removable steel casing should be installed in the shaft to prevent caving of the excavation sides due to excavation disturbance and soil relaxation. Loose soils in the bottom of the shaft should be removed.

5) The specific gravity or relative density of the drilling mud slurry should be monitored from the initial mixing to the completion of the excavation. An increase in the specific gravity or density of the drilling slurry by as much as 10 percent is indicative of soil particles settling out of the slurry onto the bottom of the excavation. This settling will result in a reduction of the allowable bearing capacity of the bottom of the drilled shaft.

6) After approval, the drilled shaft should be concreted as soon as practical using a tremie pipe.

7) For slurry drilled shafts, the concrete should have a 6- to 8-inch slump prior to discharge into the tremie. The bottom of the tremie should be set at about one tremie pipe diameter above the excavation. A closure flap at the bottom of the tremie should be used, or a sliding plug introduced into the tremie before the concrete, to reduce the potential for the concrete being contaminated by the slurry. The bottom of the tremie must be maintained in concrete during placement, which should be continuous.

8) The protective steel casing should be extracted as concrete is placed. A head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the casing.

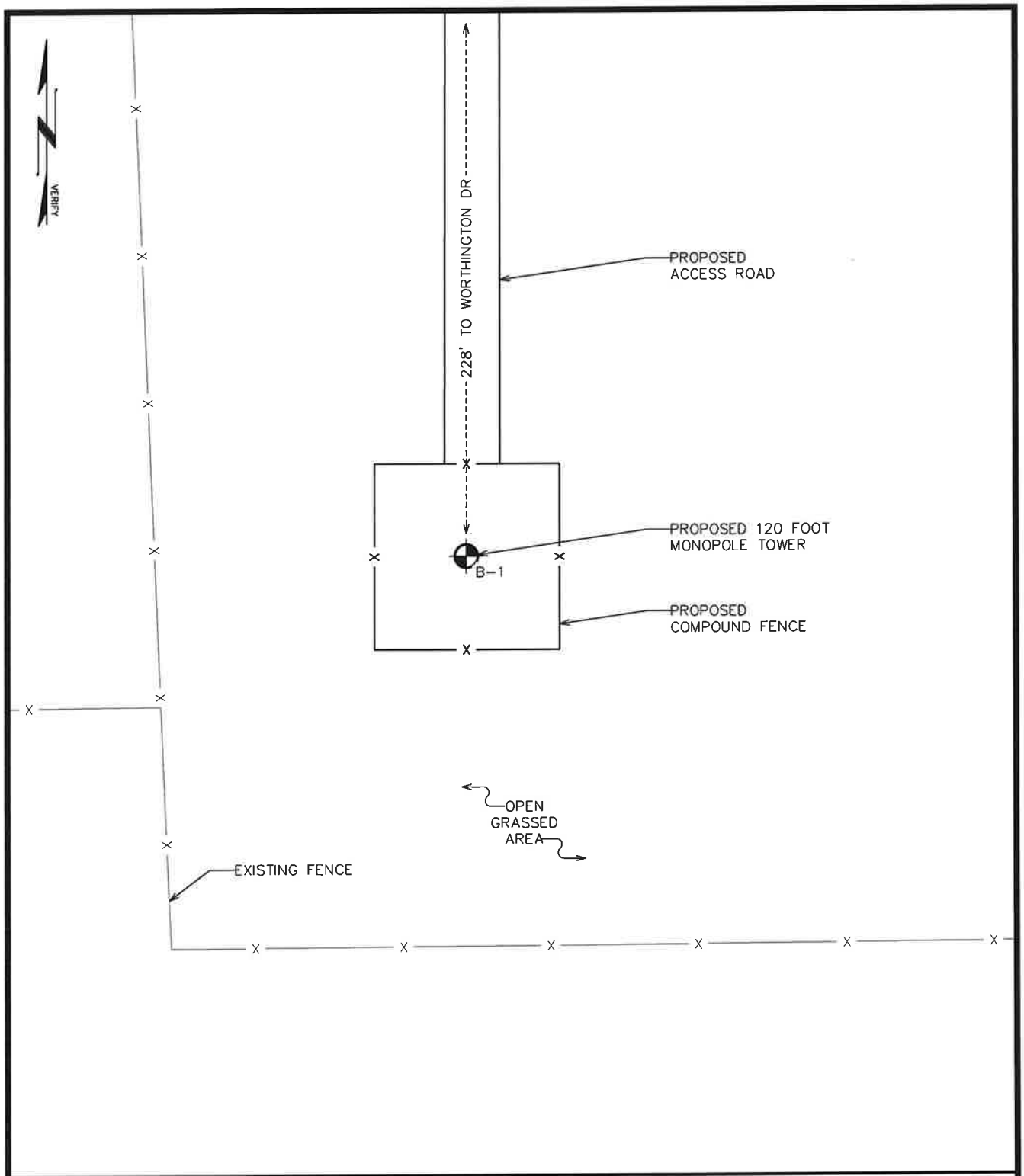
If variability in the subsurface materials is encountered, a representative of the Geotechnical Engineer should verify that the design parameters are valid during construction. Modification to the design values presented above may be required in the field.

10) SITE PHOTOGRAPHS

	Boring Location During Drilling Activities
	Boring Location Following Drilling Activities

APPENDIX A

BORING LAYOUT



BORING LAYOUT

SCALE: N.T.S.

PREPARED BY:	PREPARED FOR:	PROJECT INFORMATION:	
TEP 326 TRYON ROAD RALEIGH, NC 27603 (919) 661-6351	SKYWAY TOWERS 3637 MADACA LANE TAMPA, FL 33618 (813) 960-6200	**IMPERIAL** **SITE #: CA-00435** 749 WEST WORTHINGTON ROAD IMPERIAL, CA 92251 (IMPERIAL COUNTY)	REVISION: 0 TEP JOB #: 341053.1032886 SHEET NUMBER: **C-1**

APPENDIX B

NOVOLIQ REPORT

Soil Liquefaction Analysis Report

Tower Engineering Professionals, Inc.

Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By : Reviewed By : JDL

Table i : Input Data and Assumptions

Input Assumption	Setting
Field Test Type :	Standard Penetration Test (SPT)
Apply All Corrections to SPT?	True
Groundwater Level (ft) =	8.5
Earthquake Magnitude M =	6.9
Magnitude Scaling Factor (MSF) :	1.24 (Idriss, 1997 -NCEER)
Fines Content Correction :	(according to user settings)
Depth Reduction Factor (Rd) :	NCEER, 1997
Relative Density (Dr) Estimation :	Idriss & Boulanger, 2003
Site Topography :	Gently Sloped : 0.5 %
Ground Improvement Feature :	None
Peak Ground Acceleration PGA (g) =	0.891

Table ii : CRR Calculation Methods

CRR Formula	Selected?
NCEER Workshop (1997)	False
Boulanger & Idriss (2014)	True
Vancouver Task Force (2007)	False
Cetin et al. (2004)	True
Chinese Code	False
Seed et al. (1983)	False
Japanese Highway Bridge Code	False
Tokimatsu and Yoshimi (1983)	False
Shibata (1981)	False
Kokusho et al. (1983)	False

Table iv : Field Tests

Depth (ft)	SPT Blow Counts(N)
1	7
3.5	6
6	6
8.5	6
13.5	4
18.5	7
23.5	9
28.5	9
33.5	10
38.5	16
43.5	18
48.5	18

Table iii : Subsurface Soil Layers

Layer Thickness (ft)	Soil Type	Unit Weight (lb/ft3)	Fines Content (%)	D50 (mm)	Check Liquefaction	Su (ksf)
8.5	Clay	111	60	0.002	False	0
5	Sand	108	12	2	True	0
5	Clay	111	90	0.002	True	0.8
15	Silt	108	90	0.02	True	0.75
15	Silt	112	90	0.02	True	1.1

Table v : Post-Liquefaction Displacements

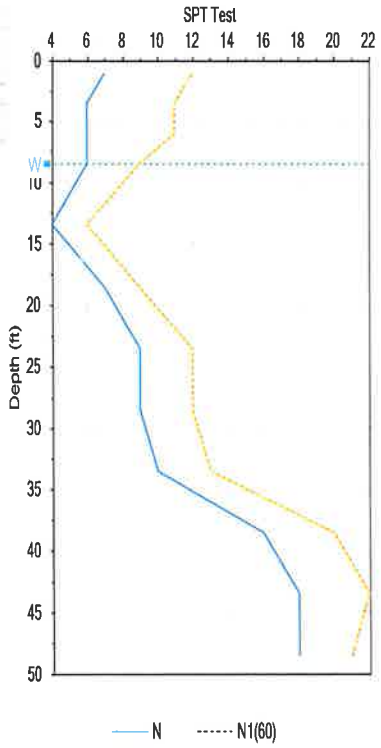
Type	Method	Movement (inch)
Lateral Spreading	Zhang & Robertson, 2004	7
Lateral Spreading	Faris, 2006	0 (M<8)
Lateral Spreading	Youd et al., 2002	0
Lateral Spreading	Barlett & Youd, 1992	0 (M<8)
Lateral Spreading	Hamada et al., 1986	58
Lateral Spreading	Youd & Perkins, 1987	LSI ~26 see details for LSI=30
Vertical Settlement	Ishihara & Yoshimine, 1992	2

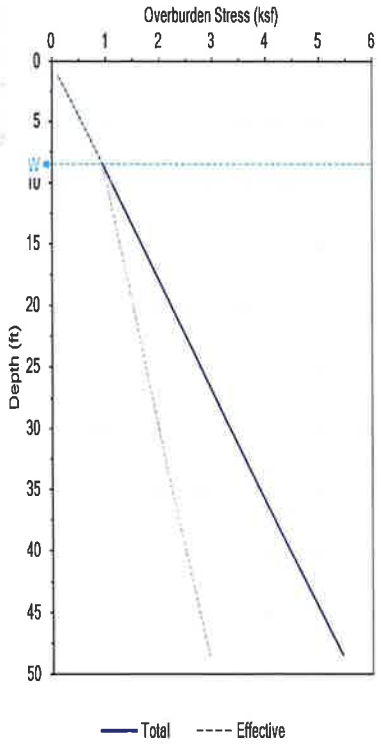
Soil Liquefaction Analysis Report

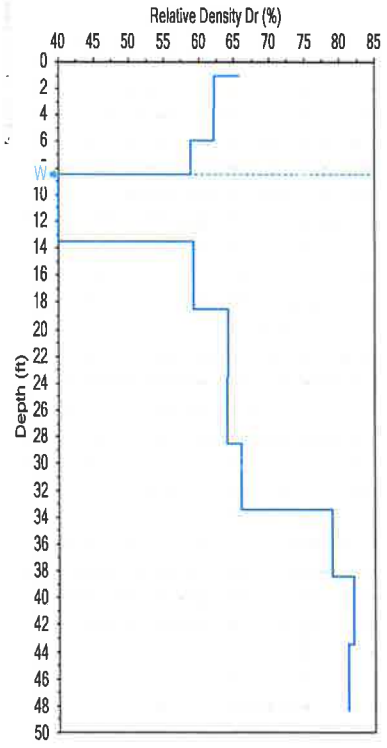
Tower Engineering Professionals, Inc.

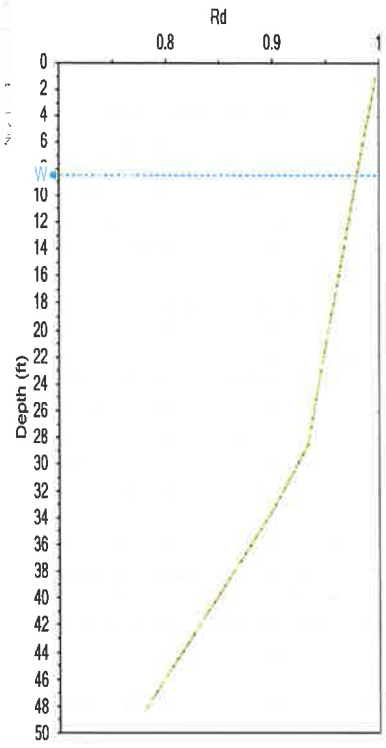
Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By :
Reviewed By : JDL









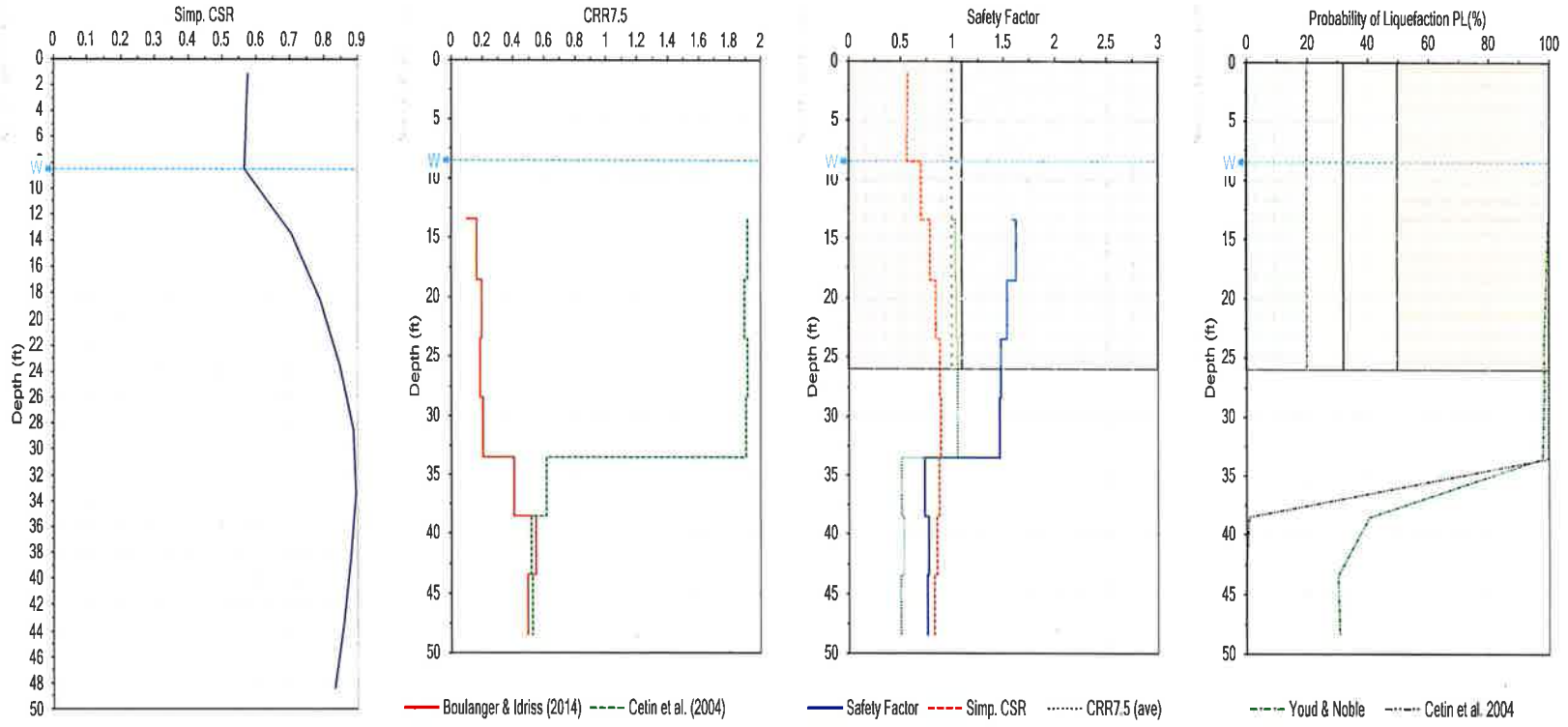
Soil Liquefaction Analysis Report

Tower Engineering Professionals, Inc.

Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By :

Reviewed By : JDL

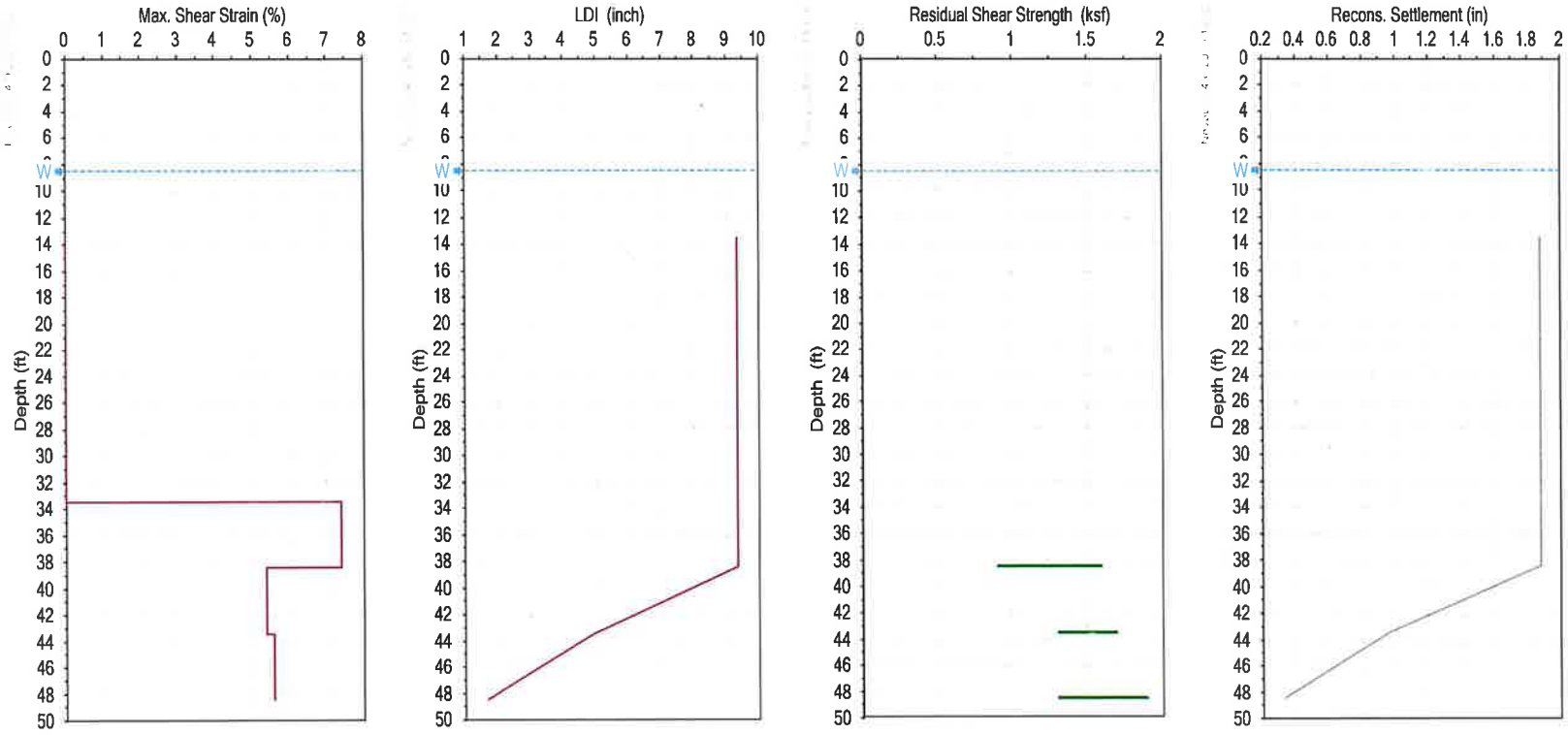


Soil Liquefaction Analysis Report

Tower Engineering Professionals, Inc.

Project : Imperial
Project No. : 341053
Client : TEP
Site Address : Imperial, CA

Borehole : BH-1
Total Depth : 0 ft
Water Level : 8.5 ft
Calculated By :
Reviewed By : JDL



APPENDIX C

BORING LOG

TEP
326 Tryon Road
Raleigh, NC 27603
919.661.6351
geotech@tepgroup.net

LOG OF BORING B-1

PROJECT	SITE ID	TEP NO.
Imperial	CA-00435	341053

DATE STARTED	DRILLING METHOD	HOLE SIZE	CITY, STATE
12/17/2024	Hollow Stem Auger	3.25 in	Imperial, California

DATE COMPLETE	HAMMER WEIGHT/FALL	HAMMER TYPE	TOTAL DEPTH	DRILL RIG TYPE
12/17/2024	140lbs / 30in	Auto Hammer	50.0 FT	Fraste PL-G

GROUND EL.	LOGGED BY	CHECKED BY	BACKFILL	DEPTH/EL. GROUNDWATER
	KWG	JDL	Cuttings	▽ 8.5/ ATD

BORING LOCATION: At the approximate location of the proposed tower

SAMPLE NUMBER	SAMPLE LENGTH (INCHES)	BLOW COUNTS (N) / REC% / RQD%	ELEVATION (FEET)	DEPTH (FEET)	SAMPLE GRAPHIC	USCS GRAPHIC	DESCRIPTION AND CLASSIFICATION	REMARKS	POCKET PEN TSF	UNCONFINED STRENGTH, PSF	UNIT WEIGHT PCF
S1	18	4-3-4 (7)					0.0-3.5: Medium stiff, brown, lean CLAY (CL), moist		3.8		
S2	18	3-2-4 (6)		5			3.5-6.0: to sandy		2.4		
S3	18	2-2-4 (6)					6.0-8.5: to trace sand		1.3		
S4	18	4-2-4 (6)		10			8.5-13.5: Loose, brown, fine to medium, silty SAND (SM), wet				
S5	18	2-1-3 (4)		15			13.5-18.5: Soft, dark brown, fat CLAY (CH), with sand, wet		1.2		
S6	18	3-3-4 (7)		20			18.5-23.5: Medium stiff, dark brown, sandy SILT (ML), wet		0.8		
S7	18	3-4-5 (9)		25			23.5-28.5: to stiff, with sand		1.2		
S8	18	4-4-5 (9)		30			28.5-38.5: to no sand		0.9		
S9	18	4-4-6 (10)		35					1		
S10	18	6-8-8 (16)		40			38.5-48.5: to very stiff, trace sand		1.5		
S11	18	7-8-10 (18)		45					1.4		
S12	18	7-8-9 (17)		50			48.5-50.0: to with sand		1.5		
							50.0: Boring Terminated				

TEP
326 Tryon Road
Raleigh, NC 27603
919-661-6351
Geotech@tepgroup.net

Key to Soil Symbols and Terms

TERMS DESCRIBING CONSISTENCY OR CONDITION

COARSE-GRAINED SOILS (major portions retained on No. 200 sieve): includes (1) clean gravel and sands and (2) silty or clayey gravels and sands. Condition is rated according to relative density as determined by laboratory tests or standard penetration resistance tests.

Descriptive Terms	SPT Blow Count
Very Loose	< 4
Loose	4 to 10
Medium Dense	11 to 30
Dense	31 to 50
Very Dense	> 50

FINE-GRAINED SOILS (major portions passing on No. 200 sieve): includes (1) inorganic and organic silts and clays (2) gravelly, sandy, or silty clays, and (3) clayey silts. Consistency is rated according to shearing strength, as indicated by penetrometer readings, SPT blow count, or unconfined compression tests.

Descriptive Terms	SPT Blow Count
Very Soft	< 2
Soft	2 to 4
Medium Stiff	5 to 8
Stiff	9 to 15
Very Stiff	16 to 30
Hard	> 30

GENERAL NOTES

1. Classifications are bases on the Unified Soil Classification System and include consistency, moisture, and color. Field descriptions have been modified to reflect results of laboratory tests where deemed appropriate.

2. Surface elevations are based on topographic maps and estimated locations and should be considered approximate.

3. Descriptions on these boring logs apply only at the specific boring locations and at the time the borings were made. They are not guaranteed to be representative of subsurface condition at other locations or times.

	Group Symbols	Typical Names
	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	GP	Poorly-graded gravels, little or no fines/sands
	GM	Silty gravels, gravel-sand-silt mixtures
	GC	Clayey gravels, gravel-sand-silt mixtures
	SW	Well-graded sands, gravelly sands, little or no fines
	SP	Poorly-graded sands, little or no fines/sands/gravels
	SM	Silty sands, sand-silt mixtures
	SC	Clayey sands, sand-clay mixtures
	ML	Inorganic silts and very fine sands, rock floor, silty or clayey fine sands or clayey silts with slight plasticity
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
	OL	Organic silts and organic silty clays of low plasticity
	MH	Inorganic silts, micaceous or distomaceous fine sandy or silty soils, elastic silts
	CH	Inorganic clays of high plasticity, fat clays
	OH	Organic clays of medium to high plasticity, organic silts
	PT	Peat and other highly organic soils

Sampler Symbols

- Split Spoon
- Standard Penetration Test (SPT)
- Pushed Shelby Tube
- Auger Cuttings
- Grab Sample
- Dynamic Cone Penetrometer
- Hand Auger
- Rock Core

Log Abbreviations

ATD - At Time of Drilling
AD - After Drilling
EOD - End of Drilling
RMR - Rock Mass Rating
WOH - Weight of Hammer
WOR - Weight of Rod
REC - Rock Core Recovery
RQD - Rock Quality Designation

Information Regarding This Subsurface Exploration Report

The information contained in this report has been specifically tailored to the needs of the client at the time the report was provided, for the specific purpose of the project named in this report. The attached report may not address the needs of contractors, civil engineers, or structural engineers. Anyone other than the named client should consult with the geotechnical engineer prior to utilizing the information contained in the report.

It is always recommended that the full report be read. While certain aspects of the report may seem unnecessary or irrelevant; just as each project and site are unique, so are the subsurface investigation reports and the information contained in them. Several factors can influence the contents of these reports, and the geotechnical engineer has taken into consideration the specific project, the project location, the client's objectives, potential future improvements, etc. If there is any question about whether the attached report pertains to your specific project or if you would like to verify that certain factors were considered in the preparation of this report, it is recommended that you contact the geotechnical engineer.

Geotechnical subsurface investigations often are prepared during the preliminary stages of a project and aspects of the project may change later on. Some changes may require a report revision or additional exploration. Some changes that often need to be brought to the attention of the geotechnical engineer include changes in location, size and/or type of structure, modifications to existing structures, grading around the project site, etc. Some naturally occurring changes can also develop that impact the information contained in this geotechnical report such as earthquakes, landslides, floods, subsurface water levels changing, etc. It is always recommended that the geotechnical be informed of known changes at the project site.

Subsurface exploration reports are generated based on the analysis and professional opinions of a geotechnical engineer based on the results of field and laboratory data. Often subsurface conditions can vary – sometimes significantly – across a site and over short distances. It often is helpful to retain the geotechnical engineer's services during the construction process. Otherwise, the geotechnical cannot assume responsibility or liability for report recommendations which may have needed to change based on changing site conditions or misinterpretation of recommendations.

Geotechnical engineers assemble testing and/or boring logs based on their interpretation of field and laboratory data. Testing and/or boring logs should always be coupled with the subsurface exploration report. The geotechnical engineer and Tower Engineering Professionals cannot be held reliable for interpretations, analyses, or recommendations based solely on the testing and/or boring log if it is independent of the prepared report.

The scope of the subsurface exploration report does not include an assessment or analysis of environmental conditions, determination of the presence or absence of wetlands or hazardous or toxic materials on or below the ground surface. Any notes regarding odors, fill, debris, or anything of that nature are offered as general information for the client, often to help identify or delineate natural soil boundaries.

TEP

For additional information, please contact the geotechnical engineer named in the attached report.

U.S. TITLE SOLUTIONS

100 Corporate Drive, Suite 305, Lebanon, NJ 08833
Phone (908) 849-3011 Fax (908) 849-7981
www.ustitlesolutions.com

REPORT OF TITLE
Bring to Date
U.S. Title Solutions File No. UST80680
Reference No. CA-00435-01 Imperial BTD
Site Name: CA-00435-01 Imperial

Prepared For: Skyway Towers, LLC

Premises: 749 Worthington Road, Imperial, CA 92251

Parcel: 062-040-075

County: Imperial

REPORT POWERED BY LAND-IT™

This Report of Title is for informational purposes only. It is not a representation of the condition of title to real property. It is not an abstract, legal opinion, opinion of title, or any form of title insurance. This report is issued exclusively for the benefit of the applicant therefore, and may not be relied upon by any other person. The liability of U.S. Title Solutions is limited to the amount of the fee paid therefore.

U.S. TITLE SOLUTIONS
File No. UST80680 Reference No. CA-00435-01 Imperial BTD

REPORT OF TITLE
SCHEDULE - I

1. **DATE OF REPORT :** June 18, 2025

2. **SCOPE OF SEARCH:** Beginning **March 28, 2024** and extending through **May 29, 2025**, a search of the land records for the jurisdiction where the property is located was conducted and we have reported what was found regarding taxes; deeds; mortgages; easements and right of ways; covenants and restrictions; judgments; liens and UCCs; and other matters commonly recorded or filed in the County records.

3. **THE ESTATE OR INTEREST IN THE LAND DESCRIBED OR REFERRED TO IN THIS REPORT IS:**

   Fee Simple

4. **TITLE TO SAID ESTATE OR INTEREST IN THE LAND DESCRIBED OR REFERRED TO IN THIS REPORT IS AT THE EFFECTIVE DATE HEREOF VESTED IN:**

   Henry F. Calderon and Sara Calderon, husband and wife, as joint tenants

5. **SOURCE OF TITLE :**

   Grant Deed made by Lisa D. Seals, a married woman, as her sole and separate property, **Dated** October 04, 2006, **Recorded** November 08, 2006, in *Instrument No: 2006-052668.*

6. **PROPERTY IS IDENTIFIED AS FOLLOWS :**

   Parcel ID : *062-040-075*
   Tax Year : 2024
   Status : Paid
   Amount : $4,764.06

7. **THE LAND REFERRED TO IN THIS REPORT IS SET FORTH ON SCHEDULE - II ATTACHED HERETO**

REPORT OF TITLE
SCHEDULE - II

(LEGAL DESCRIPTION)

THAT PORTION OF TRACT 51, TOWNSHIP 15 SOUTH, RANGE 13 EAST, S.B.M. , IN AN UNINCORPORATED AREA OF THE COUNTY OF IMPERIAL, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, SHOWN AND DESIGNATED AS PARCEL 2 OF PARCEL MAP NO. M-926 ON FILE IN BOOK 3, PAGE 82 OF PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF IMPERIAL COUNTY.

REPORT OF TITLE
SCHEDULE - III

The items set forth herein are intended to provide you with notice of matters affecting title to the land described in Schedule - II of this Report. Any statement of facts or matters which an accurate survey of the land would disclose, rights of tenants or parties in possession under unrecorded leases and easements or claims of easements not shown by the public record are not included in this report. No liability is assumed for items not indexed or mis-indexed in the County Records.

1. MORTGAGES, DEEDS OF TRUST AND UCCs

Mortgages, Deeds of Trust and/or UCCs found of record within period searched are set forth on Schedule IV attached hereto.

2. JUDGMENTS AND LIENS

None found within period searched.

3. COVENANTS AND RESTRICTIONS

None found within period searched.

4. EASEMENTS AND RIGHTS OF WAY

None found within period searched.

5. OTHER RECORDED DOCUMENTS

5.1 Notice of an Independent Solar Energy Producer Contract between Henry F. Calderon and Juniper I Resi Solar LLC, **Dated** July 10, 2024, **Recorded** July 10, 2024, in *Instrument No: 2024010392.*

5.2 Memorandum of Agreement between Henry F. Calderon and Sara Calderon, husband and wife and Skyway Towers, LLC, a Delaware limited liability company, **Dated** May 06, 2024, **Recorded** May 20, 2024, in *Instrument No: 2024007831.*

6. OTHER UNRECORDED DOCUMENTS

None found within period searched.

REPORT OF TITLE
SCHEDULE - IV

MORTGAGES, DEEDS OF TRUST AND UCCs

1. UCC Financing Statement showing Debtor, Henry Calderon, and Secured Party, Juniper I Resi Solar LLC, **Recorded** July 10, 2024, in *Instrument No: 2024010398.*

2. Deed of Trust made by Borrower, Henry F. Calderon and Sara Calderon, husband and wife, as joint tenants, to Beneficiary, Broker Solutions, Inc dba New American Funding, **Trustee,** First American Title / First American Title Ins Co in the sum of $224,980.00, **Dated** July 18, 2016, **Recorded** July 28, 2016, in *Instrument No: 2016014981.*

REPORT OF TITLE
SCHEDULE - V

(OWNERSHIP HISTORY)

1. Grant Deed made by Lisa D. Seals, a married woman, as her sole and separate property to Henry F. Calderon and Sara Calderon, husband and wife, as joint tenants, **Dated** October 04, 2006, **Recorded** November 08, 2006, in *Instrument No: 2006-052668*.

ASMT	PARCEL	YEAR	
062-040-075-000	062-040-075-000	2024	VIEW TAX BILL

1st Installment

Paid Status	PAID
Paid Date	12/6/2024
Total Due	$2,382.03
Total Paid	$2,382.03
Balance	$0.00

2nd Installment

Paid Status	PAID
Paid Date	4/8/2025
Total Due	$2,382.03
Total Paid	$2,382.03
Balance	$0.00

Totals - 1st and 2nd Installments

Total Due	$4,764.06
Total Paid	$4,764.06
Total Balance	$0.00

TBUN2WEB
1.2.005

IMPERIAL COUNTY 2024 - 2025 PROPERTY TAX BILL

06/12/2025
12:50:01PM

Suzanne C. Bermudez, Treasurer-Tax Collector
940 WEST MAIN STREET, SUITE #106, EL CENTRO, CA 92243
SECURED TAX ROLL FOR FISCAL YEAR JULY 1, 2024 - JUNE 30, 2025

PROPERTY INFORMATION

ASMT NUMBER:	062-040-075-000	TAX RATE AREA:	069001
ORIG ASMT:	062-040-075-000	ACRES:	2.83
FEE NUMBER:	062-040-075-000		
LOCATION:	749 W WORTHINGTON RD		

749 W WORTHINGTON RD
IMPERIAL CA 92251

IMPORTANT MESSAGES

Original bill date 08/22/2024
Cortac Number: 5211

2024-2025

COUNTY VALUES, EXEMPTIONS, AND TAXES

PHONE #	DESCRIPTION	PRIOR	CURRENT	BILLED
TAX COLLECTOR (442) 265-1270	LAND	0	196362	196362
ASSESSOR (442) 265-1300		0	0	0
PERSONAL PROP (442) 265-8805		0	0	0
	STRUCTURAL IMPROVEMENTS	0	232401	232401
		0	0	0
		0	0	0
	HOMEOWNERS EXEMPTION	0	-7000	-7000
		0	0	0
	NET TAXABLE VALUE			**421763**
	VALUES X TAX RATE PER $100 1.000000			**$4,217.62**

DUPLICATE COPY

VOTER APPROVED TAXES / TAXING AGENCY DIRECT CHARGES & SPECIAL ASSESSMENTS / FEES

PHONE #	CODE	DESCRIPTION	ASSESSED VALUE	X	TAX RATE / 100	=	TAX AMOUNT
	38300	IMP COM COLLEGE BD 2004	421763		0.034000		$143.38
	38410	IMPERIAL USD 2016 REF BD	421763		0.028160		$118.76
	38415	IMPERIAL USD 2016 SER A	421763		0.027900		$117.66
	38420	IMPERIAL USD ELEC 2016 SER B	421763		0.012570		$53.00
	38425	IMPERIAL USD ELEC 2016 SER C	421763		0.003350		$14.12
	38426	IMPERIAL USD ELEC 2016 SER D	421763		0.003270		$13.78

PHONE #	DESCRIPTION	DIR CHRG	PHONE #	DESCRIPTION	DIR CHRG	PHONE #	DESCRIPTION	DIR CHRG
(442) 265-1818	SOLID WST LAND USE FE	$78.00	(442) 265-1888	MOSQUITO ABATE S	$7.74			

		AGENCY TAXES	$460.70
		DIRECT CHARGES	$85.74
PENALTY & COST	$0.00	FEES	$0.00
AGENCY TAXES + DIRECT CHARGES + FEES + PENALTY + COST + DELINQUENT PENALTIES			$546.44

1st INSTALLMENT $2,382.03	2nd INSTALLMENT $2,382.03	TOTAL TAXES
PAID ON 12/06/2024	PAID ON 04/08/2025	$4,764.06

IMPERIAL COUNTY SECURED PROPERTY TAXES - 2ND INSTALLMENT PAYMENT STUB

ASMT NUMBER: 062-040-075-000 **TAX YEAR: 2024**
ORIG ASMT: 062-040-075-000
FEE NUMBER: 062-040-075-000
LOCATION: 749 W WORTHINGTON RD

749 W WORTHINGTON RD
IMPERIAL CA 92251

MAKE CHECK PAYABLE TO:
IPERIAL COUNTY TREASURER-TAX COLLECTO
940 W MAIN STREET #106
EL CENTRO, CA 92243 (442) 265-1270

2024-2025

2ND

PAID ON 04/08/2025 $2,382.03

PAID

06204007500012024800000238203420000026302342024 8

CUT HERE

IMPERIAL COUNTY SECURED PROPERTY TAXES - 1ST INSTALLMENT PAYMENT STUB

ASMT NUMBER: 062-040-075-000 **TAX YEAR: 2024**
ORIG ASMT: 062-040-075-000
FEE NUMBER: 062-040-075-000
LOCATION: 749 W WORTHINGTON RD

749 W WORTHINGTON RD
IMPERIAL CA 92251

MAKE CHECK PAYABLE TO:
IPERIAL COUNTY TREASURER-TAX COLLECTO
940 W MAIN STREET #106
EL CENTRO, CA 92243 (442) 265-1270

2024-2025

1ST

PAID ON 12/06/2024 $2,382.03

PAID

06204007500012024800000238203410000026202352024 8

ROLL YEAR	SEARCH BY	FEE PARCEL	
2024	FEE PARCEL	SEARCH TERM	SEARCH

062-040-075-000
Address : 749 W WORTHINGTON RD
Year : 2024
TRA : 069001
Roll Cat. : CS
Fee Parcel : 062-040-075-000

RECORDING REQUESTED BY
CHICAGO TITLE COMPANY
AND WHEN RECORDED MAIL TO

HENRY F. CALDERON and SARA CALDERON
749 WEST WORTHINGTON ROAD
IMPERIAL, CALIFORNIA 92251

Recorded in Official Records, Imperial County

Dolores Provencio
County Clerk / Recorder

CT Chicago Title

Doc#: 2006 – 052668

11/08/2006
9:00 AM
IV

Titles: 1 **Pages: 1**

Fees	16.00
Taxes	354.75
Other	0.00
PAID	$370.75

Escrow No. 607057928 - G04
Order No. 607057928 - G09

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

Assessor's Parcel No:
043-070-075-000

OTT
SM

THE UNDERSIGNED GRANTOR(S) DECLARE(S)
DOCUMENTARY TRANSFER TAX IS $354.75
[X] unincorporated area [ ] City of
[X] computed on the full value of the interest or property conveyed, or is
[ ] computed on the full value less the value of liens or encumbrances remaining at time of sale, and
FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
LISA D. SEALS, A MARRIED WOMAN AS HER SOLE AND SEPARATE PROPERTY

hereby **GRANT(S)** to
HENRY F. CALDERON and SARA CALDERON, HUSBAND AND WIFE, AS JOINT TENANTS

the following described real property in the
County of IMPERIAL, State of California:

THAT PORTION OF TRACT 51, TOWNSHIP 15 SOUTH, RANGE 13 EAST, S.B.M., IN AN UNINCORPORATED AREA OF THE COUNTY OF IMPERIAL, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, SHOWN AND DESIGNATED AS PARCEL 2 OF PARCEL MAP NO. M-926 ON FILE IN BOOK 3, PAGE 82 OF PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF IMPERIAL COUNTY.

Dated October 4, 2006

Lisa D. Seals
LISA D. SEALS

STATE OF CALIFORNIA
COUNTY OF IMPERIAL } SS.
On October 13, 2006 before me,
Martha Navarro
a Notary Public in and for said County and State, personally appeared
LISA D. SEALS

personally known to me (or ~~proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

MARTHA NAVARRO
COMM. #1500406
Notary Public-California
IMPERIAL COUNTY
My Comm. Exp. July 13, 2008

Signature of Notary

July 13, 2008
Date My Commission Expires

FOR NOTARY SEAL OR STAMP

MAIL TAX STATEMENTS TO PARTY SHOWN ON FOLLOWING LINE: IF NO PARTY SO SHOWN, MAIL AS DIRECTED ABOVE

SAME AS ABOVE
Name Street Address City, State & Zip

GD1 -05/30/97bk

Electronically Recorded in Official Records,
IMPERIAL COUNTY

07/10/2024
08:08 AM
IV

CHUCK STOREY
COUNTY CLERK-RECORDER

0018 SIMPLIFILE LLC

Doc#: 2024010392

Titles: 1 Pages: 2
Fees $92.00
Taxes $0.00
Other $0.00
PAID $92.00

Recording Requested by Simplifile

RECORDING REQUESTED BY
SUNPOWER CAPITAL, LLC
P.O. Box 82387
Austin, TX 78708-2387

AND WHEN RECORDED MAIL TO
Lien Operations
P.O. Box 841460
Los Angeles, CA 90084-1460

NOTICE OF AN INDEPENDENT SOLAR ENERGY PRODUCER CONTRACT

(Pursuant to California Public Utilities Code Section 2869 (b))

This real property is receiving part of its electric service from an independent solar energy producer that has retained ownership of a solar electric generation system that is located on the real property. The independent solar energy producer provides electrical service to the current owner of the Property through a long-term contract for electric service. The independent solar energy producer is required to provide a copy of the contract to a prospective buyer of the Property within ten (10) days of the receipt of a written request from the current owner of this real property.

1. This notice ("Notice") pertains to the real property ("Real Property") with the address of: 749 W WORTHINGTON RD, IMPERIAL, CA 92251

2. The Real Property's Owner is: CALDERON HENRY F

3. The assessor's parcel number of the real property is: APN 062-040-075-000

4. The independent solar energy producer ("Independent Solar Energy Producer") described in this Notice is:

Name: JUNIPER I RESI SOLAR LLC

Address: PO Box 82387, Austin, TX 78708-2387

Telephone: 800-786-7693

5. The Real Property is subject to a Lease Agreement (5660840) ("Lease") for the solar electric generation system installed on the Real Property. The Lease term commences on the date the solar electric generation system is ready to be interconnected to the local utility grid and it ends on the date that is twenty years after it commenced, unless sooner terminated or extended, all as provided in the Lease. The Lease term is estimated to commence on 2024-06-28 and expire on 2049-06-28.

6. If the Lease is terminated before the end of the Lease term, the lessee may be in default under the Lease. The Independent Solar Energy Producer may then:

a. Take possession of the solar electric generation system;

b. Require the owner of the Real Property to return the solar electric generation system to the Independent Solar Energy Producer at owner's cost;

c. Remove the solar electric generation system from the Real Property and require the owner of the Real Property to pay the reasonable costs of removal, transportation of the solar electric generation system, and placing the solar electric generation system in service at another location;

d. Leave the solar electric generation system in place on the Real Property, but disconnect it and deny the Real Property the use of the solar electric generation system and the electricity it generates;

e. Recover from the lessee all unpaid past rent under the Lease, plus penalties and interest;

f. Recover from the lessee (i) all accrued but unpaid monthly payments under the Lease, late charges, penalties, interest and all or any other sums then due and owing, plus (ii) the stipulated purchase price

for the solar electric generation system (found in Exhibit B to the Lease);

7. Pursue any other remedies available to the Independent Solar Energy Producer under law for a breach of the Lease;

8. To the extent permissible under law, sell output from the solar electric generation system to the local utility and receive payment for such electricity; and

9. Recover from the lessee any reasonable attorney's fees and expenses, and arbitration and court costs relating to the Lease and Independent Solar Energy Producer's enforcement of its rights and remedies

10. If the lessee of the solar electric generation system sells the Real Property, the lessee may either:

11. Purchase the solar electric generation system at the price set forth in the Lease, and then include the solar electric generation system with the sale of the Real Property; or

12. If the Independent Solar Energy Producer approves of the proposed buyer and the proposed buyer agrees to assume the obligations under the Lease Agreement, require the buyer of the Real Property to assume the lessee's obligations under the Lease in accordance with its terms and conditions.

13. Pursuant to California Public Utilities Code Section 2869 (c), this Notice does not constitute a title defect, lien or encumbrance against the Real Property. In the time and manner required by law, the Independent Solar Energy Producer shall record a document extinguishing this Notice if the Lease is voided, terminated, assigned or transferred.

14. Notwithstanding anything to the contrary, this Notice shall only serve as the required disclosure in accordance with California Public Utilities Code Section 2869. Furthermore, this Notice will, at all times, remain subordinate to any lien of any deed of trust that has been or will be recorded in the office of the county recorder for the county in which the Real Property is located.

By: JUNIPER I RESI SOLAR LLC

Dated: 2024-07-10

By: N Little

Name: Nina Little

Title: Authorized Signatory

STATE OF TEXAS,
COUNTY OF WILLIAMSON

Before me, Jennifer Kim Banford on this day personally appeared Nina Little, known to me through verification of her/his TX Driver's License to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 10th day of July, 2024.

Signature Jennifer Kim Banford

JENNIFER KIM BANFORD
NOTARY PUBLIC
STATE OF TEXAS
ID # 133616648
EXPIRES 03-01-2026

Electronically Recorded in Official Records,
IMPERIAL COUNTY
CHUCK STOREY
COUNTY CLERK-RECORDER
0018 SIMPLIFILE LLC

05/20/2024
11:41 AM
IV

Doc#: 2024007831

Titles: 1 **Pages: 5**

Fees	$111.00
Taxes	$0.00
Other	$0.00
PAID	$111.00

* $ R 0 0 0 0 5 6 7 4 0 7 $ *

Prepared by and Return to:
Skyway Towers, LLC
3637 Madaca Lane
Tampa, FL 33618
Attn: Property Management

State: **CALIFORNIA**
County: **IMPERIAL**
APN: **062-040-075**

MEMORANDUM OF AGREEMENT

This Memorandum of Agreement is entered into on this 6th day of MAY, 2024. by and between Henry F. Calderon and Sara Calderon, husband and wife, with a mailing address of 749 Worthington Road, Imperial, California 92251 (hereinafter referred to as "**Landlord**"), and Skyway Towers, LLC, a Delaware limited liability company, having a mailing address of 3637 Madaca Lane, Tampa, Florida 33618 (hereinafter referred to as "**Tenant**").

1. Landlord and Tenant entered into a certain Option and Lease Agreement ("**Agreement**") on the 6th day of MAY, 2024, for the purpose of installing, operating, and maintaining a Communications Tower Facility and other improvements. The property is more fully described in **Exhibit 1** attached hereto and made a part hereof (the "**Property**"). All of the foregoing is set forth in the Agreement.

2. The initial term will be five (5) years ("**Initial Term**") commencing on the Commencement Date, with ten (10) successive five (5) year renewal options.

3. In the event Landlord receives a bona fide written offer to sell, assign or transfer Landlord's interest under the Agreement and/or the Landlord's rights to receive rents under the terms of the Agreement (the "**Rental Stream Offer**"), Tenant retains a right of first refusal to match the Rental Stream Offer.

4. This Memorandum of Agreement is not intended to amend or modify, and shall not be deemed or construed as amending or modifying, any of the terms, conditions, or provisions of the Agreement, all of which are hereby ratified and affirmed.

5. In the event of a conflict between the provisions of this Memorandum of Agreement and the provisions of the Agreement, the provisions of the Agreement shall control.

6. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

IN WITNESS WHEREOF, the parties have executed this Memorandum of Agreement as of the day and year first above written.

"LANDLORD"

Henry F. Calderon and Sara Calderon, husband and wife

By: _____
Print Name: Henry F. Calderon
Its: Owner/Landlord
Date: 04-12-2024

LANDLORD ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
COUNTY OF Imperial)

On April 12, 2024 before me, Alyssa Michelle Maldonado, Notary Public
(insert name and title of the officer)

personally appeared Henry F Calderon,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

ALYSSA MICHELLE MALDONADO
COMM. # 2366775
NOTARY PUBLIC - CALIFORNIA
SAN DIEGO COUNTY
MY COMM. EXP. JULY 20, 2025

[LANDLORD ACKNOWLEDGMENT AND SIGNATURE CONTINUE ON NEXT PAGE]

"LANDLORD"

Henry F. Calderon and Sara Calderon, husband and wife

By: Sara Calderon
Print Name: Sara Calderon
Its: Owner/Landlord
Date: 04-12-2024

LANDLORD ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
COUNTY OF Imperial)

On April 12, 2024 before me, Alyssa Michelle Maldonado, Notary Public
(insert name and title of the officer)

personally appeared Sara Calderon,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ALYSSA MICHELLE MALDONADO
COMM. # 2366775
NOTARY PUBLIC - CALIFORNIA
SAN DIEGO COUNTY
MY COMM. EXP. JULY 20, 2025

Signature _____ (Seal)

[TENANT ACKNOWLEDGMENT AND SIGNATURE FOLLOW ON NEXT PAGE]

"TENANT"

Skyway Towers, LLC,
a Delaware limited liability company

By: _____
Print Name: Scott M. Behuniak
Its: President / COO
Date: 5/6/2024

TENANT ACKNOWLEDGMENT

STATE OF FLORIDA)
) ss:
COUNTY OF HILLSBOROUGH)

The foregoing instrument was acknowledged before me this 6th day of MAY, 2024, by Scott M. Behuniak, as President / COO of Skyway Towers, LLC, a Delaware limited liability company, on behalf of the company, who is personally known.
[Affix Notary Seal]

KATRINA MCCARRON
MY COMMISSION # HH 392328
EXPIRES: March 11, 2027

_____
Notary Public, State of Florida
Print Name: KATRINA MCARRON
My Commission Expires: 3.11.2027

EXHIBIT 1
DESCRIPTION OF THE PROPERTY

The Property is located at 749 Worthington Road, Imperial, in the County of Imperial, State of California 92251, and described as follows:

Property ID: 062-040-075

IMPERIAL COUNTY ASSESSOR'S LEGAL DESCRIPTION OF PROPERTY:

PAR 2 PM 926 OF TR 51 15-13 2.89AC

[INSERT DEED OR LEGAL DESCRIPTION]

Note:
This Exhibit may be supplemented or replaced by full legal description based upon a land survey of the Property once a land survey is received by Tenant.

[redacted]

Electronically Recorded in Official Records,
IMPERIAL COUNTY

CHUCK STOREY
COUNTY CLERK-RECORDER

0018 SIMPLIFILE LLC

07/10/2024
08:22 AM
IV

UCC FINANCING STATEMENT

FOLLOW INSTRUCTIONS

Doc#: 2024010398

Titles: 1 **Pages: 2**

Fees	$96.00
Taxes	$0.00
Other	$0.00
PAID	$96.00

* $ R 0 0 0 0 5 7 2 6 1 7 $ *

A. NAME & PHONE OF CONTACT AT FILER (optional)
Lien Operations - (800) 786-7693

B. E-MAIL CONTACT AT FILER (optional)
lien@sunpower.com

C. SEND ACKNOWLEDGMENT TO: (Name and Address)
SunPower Capital, LLC
P.O. BOX 841246, Los Angeles, CA 90084-1246

UCC Fixture: IMPERIAL, CA
APN: 062-040-075-000

Recording Requested by Simplifile

THE ABOVE SPACE IS FOR FILING OFFICE USE ONLY

1. DEBTOR'S NAME: Provide only one Debtor name (1a or 1b) (use exact, full name; do not omit, modify, or abbreviate any part of the Debtor's name); if any part of the Individual Debtor's name will not fit in line 1b, leave all of item 1 blank, check here ☐ and provide the Individual Debtor information in item 10 of the Financing Statement Addendum (Form UCC1Ad)

1a. ORGANIZATION'S NAME					
OR 1b. INDIVIDUAL'S SURNAME	FIRST PERSONAL NAME	ADDITIONAL NAME(S)/INITIAL(S)		SUFFIX	
Calderon	Henry				
1c. MAILING ADDRESS	CITY	STATE	POSTAL CODE	COUNTRY	
749 W WORTHINGTON RD	IMPERIAL	CA	92251	USA	

2. DEBTOR'S NAME: Provide only one Debtor name (2a or 2b) (use exact, full name; do not omit, modify, or abbreviate any part of the Debtor's name); if any part of the Individual Debtor's name will not fit in line 2b, leave all of item 2 blank, check here ☐ and provide the Individual Debtor information in item 10 of the Financing Statement Addendum (Form UCC1Ad)

2a. ORGANIZATION'S NAME					
OR 2b. INDIVIDUAL'S SURNAME	FIRST PERSONAL NAME	ADDITIONAL NAME(S)/INITIAL(S)		SUFFIX	
2c. MAILING ADDRESS	CITY	STATE	POSTAL CODE	COUNTRY	

3. SECURED PARTY'S NAME (or NAME of ASSIGNEE of ASSIGNOR SECURED PARTY): Provide only one Secured Party name (3a or 3b)

3a. ORGANIZATION'S NAME					
OR JUNIPER I RESI SOLAR LLC					
3b. INDIVIDUAL'S SURNAME	FIRST PERSONAL NAME	ADDITIONAL NAME(S)/INITIAL(S)		SUFFIX	
3c. MAILING ADDRESS	CITY	STATE	POSTAL CODE	COUNTRY	
PO Box 82387	Austin	TX	78708-2387	USA	

4. COLLATERAL: This financing statement covers the following collateral:

Residential Solar Photovoltaic Equipment which may contain an integrated battery.
For questions or assistance concerning this filing, we urge you to visit www.sunpower.com/life for the fastest response. To submit your request, select Submit Online under refinance or home sale section.

5. Check only if applicable and check only one box: Collateral is ☐ held in a Trust (see UCC1Ad, item 17 and Instructions) ☐ being administered by a Decedent's Personal Representative

6a. Check only if applicable and check only one box:
☐ Public-Finance Transaction ☐ Manufactured-Home Transaction ☐ A Debtor is a Transmitting Utility

6b. Check only if applicable and check only one box:
☐ Agricultural Lien ☐ Non-UCC Filing

7. ALTERNATIVE DESIGNATION (if applicable): ☐ Lessee/Lessor ☐ Consignee/Consignor ☐ Seller/Buyer ☐ Bailee/Bailor ☐ Licensee/Licensor

8. OPTIONAL FILER REFERENCE DATA:
JUNIPER I RESI SOLAR LLC - B395 - 5660840

UCC FINANCING STATEMENT ADDENDUM

FOLLOW INSTRUCTIONS

9. NAME OF FIRST DEBTOR: Same as line 1a or 1b on Financing Statement; if line 1b was left blank because Individual Debtor name did not fit, check here ☐

9a. ORGANIZATION'S NAME

OR

9b. INDIVIDUAL'S SURNAME

Calderon

FIRST PERSONAL NAME

Henry

ADDITIONAL NAME(S)/INITIAL(S) | SUFFIX

THE ABOVE SPACE IS FOR FILING OFFICE USE ONLY

10. DEBTOR'S NAME: Provide (10a or 10b) only one additional Debtor name or Debtor name that did not fit in line 1b or 2b of the Financing Statement (Form UCC1) (use exact, full name; do not omit, modify, or abbreviate any part of the Debtor's name) and enter the mailing address in line 10c

10a. ORGANIZATION'S NAME

OR

10b. INDIVIDUAL'S SURNAME

INDIVIDUAL'S FIRST PERSONAL NAME

INDIVIDUAL'S ADDITIONAL NAME(S)/INITIAL(S) | SUFFIX

10c. MAILING ADDRESS | CITY | STATE | POSTAL CODE | COUNTRY

11. ☐ ADDITIONAL SECURED PARTY'S NAME or ☐ ASSIGNOR SECURED PARTY'S NAME: Provide only one name (11a or 11b)

11a. ORGANIZATION'S NAME

OR

11b. INDIVIDUAL'S SURNAME | FIRST PERSONAL NAME | ADDITIONAL NAME(S)/INITIAL(S) | SUFFIX

11c. MAILING ADDRESS | CITY | STATE | POSTAL CODE | COUNTRY

12. ADDITIONAL SPACE FOR ITEM 4 (Collateral):

13. ☑ This FINANCING STATEMENT is to be filed [for record] (or recorded) in the REAL ESTATE RECORDS (if applicable)

14. This FINANCING STATEMENT:
☐ covers timber to be cut ☐ covers as-extracted collateral ☑ is filed as a fixture filing

15. Name and address of a RECORD OWNER of real estate described in item 16 (if Debtor does not have a record interest):

CALDERON HENRY F
749 W WORTHINGTON RD
IMPERIAL, CA 92251

16. Description of real estate:

APN 062-040-075-000 - PAR 2 PM 926 OF TR 51 15-13 2.89AC
749 W WORTHINGTON RD
IMPERIAL, CA 92251
IMPERIAL

17. MISCELLANEOUS:

JUNIPER I RESI SOLAR LLC - B395 - 5660840

9

When recorded, mail to
Broker Solutions, Inc dba New American Funding
ATTN Final Document Department
14511 Myford Road, Suite 100
Tustin, CA 92780

Recorded Requested By
First American Title
San Diego

Recorded in Official Records IMPERIAL COUNTY

CHUCK STOREY
COUNTY CLERK/RECORDER

DPS Document Processing Solutions, Inc

07/28/2016
03 25 PM
AQuezadaPasillas

Doc# 2016014981

$R00002086 18$

Titles 1	Pages 35
Fees	126 00
Taxes	0 00
Other	0 00
PAID	126 00

Title Order No DIV-5120245 (09)
Escrow No 011617687 YW
LOAN # 190016072298

[Space Above This Line For Recording Data]

DEED OF TRUST

MIN 1003763-0002651291-1
MERS PHONE # 1-888-679-6377

DEFINITIONS
Words used in multiple sections of this document are defined below and other words are defined in Sections 3 11 13 18 20 and 21 Certain rules regarding the usage of words used in this document are also provided in Section 16
(A) **Security Instrument** means this document which is dated **July 18, 2016,** together with all all Riders to this document
(B) **Borrower** is **HENRY F CALDERON AND SARA CALDERON, HUSBAND AND WIFE AS JOINT TENANTS**

Borrower s address is **749 WEST WORTHINGTON ROAD, IMPERIAL, CA 92251**

Borrower is the trustor under this Security Instrument
(C) "Lender is **Broker Solutions, Inc dba N ew American Funding**

Lender is **a Corporation, California**
100, Tustin, CA 92780

organized and existing under the laws of
Lender s address is **14511 Myford Road, Suite**

(D) Trustee is **First American Title / First American Title Ins Co (CA)**

(E) **"MERS"** is Mortgage Electronic Registration Systems Inc MERS is a separate corporation that is acting solely as a nominee for Lender and Lender s successors and assigns **MERS is the beneficiary under this Security Instrument** MERS is organized and existing under the laws of Delaware and has an address and telephone number of P O Box 2026 Flint MI 48501-2026 tel (888) 679-MERS

(F) **Note** means the promissory note signed by Borrower and dated **July 18, 2016** The Note states that Borrower owes Lender **TWO HUNDRED TWENTY FOUR THOUSAND NINE HUNDRED EIGHTY AND NO/100********** Dollars (U S **$224,980 00**) plus interest Borrower has promised to pay this debt in regular Periodic Payments and to pay the debt in full not later than **August 1, 2046**

(G) **"Property** means the property that is described below under the heading Transfer of Rights in the Property

(H) **Loan"** means the debt evidenced by the Note plus interest any prepayment charges and late charges due under the Note and all sums due under this Security Instrument plus interest

(I) **' Riders** means all Riders to this Security Instrument that are executed by Borrower The following Riders are to be executed by Borrower [check box as applicable]

- ☐ Adjustable Rate Rider
- ☐ Balloon Rider
- ☐ 1-4 Family Rider
- ☐ VA Rider
- ☐ Condominium Rider
- ☐ Planned Unit Development Rider
- ☐ Biweekly Payment Rider
- ☐ Second Home Rider
- ☒ Other(s) [specify]

Real Property and Manufactured Home Limited Power of Attorney, Manufactured Home Rider, Manufactured Home Affidavit of Affixation

(J) **Applicable Law** means all controlling applicable federal state and local statutes regulations ordinances and administrative rules and orders (that have the effect of law) as well as all applicable final non-appealable judicial opinions

(K) **' Community Association Dues, Fees, and Assessments '** means all dues fees assessments and other charges that are imposed on Borrower or the Property by a condominium association homeowners association or similar organization

(L) **"Electronic Funds Transfer** means any transfer of funds other than a transaction originated by check draft or similar paper instrument which is initiated through an electronic terminal telephonic instrument computer or magnetic tape so as to order instruct or authorize a financial institution to debit or credit an account Such term includes but is not limited to point-of-sale transfers automated teller machine transactions transfers initiated by telephone wire transfers and automated clearinghouse transfers

(M) **"Escrow Items '** means those items that are described in Section 3

(N) **Miscellaneous Proceeds"** means any compensation settlement award of damages or proceeds paid by any third party (other than insurance proceeds paid under the coverages described in Section 5) for (i) damage to or destruction of the Property (ii) condemnation or other taking of all or any part of the Property (iii) conveyance in lieu of condemnation or (iv) misrepresentations of or omissions as to the value and/or condition of the Property

(O) **Mortgage Insurance** means insurance protecting Lender against the nonpayment of or default on the Loan

(P) **Periodic Payment** means the regularly scheduled amount due for (i) principal and interest under the Note plus (ii) any amounts under Section 3 of this Security Instrument

(Q) **RESPA** means the Real Estate Settlement Procedures Act (12 U S C §2601 et seq) and its implementing regulation Regulation X (12 C F R Part 1024) as they might be amended from time to time or any additional or successor legislation or regulation that governs the same subject matter As used in this Security Instrument RESPA refers to all requirements and restrictions that are imposed in regard to a federally related mortgage loan even if the Loan does not qualify as a federally related mortgage loan under RESPA

(R) **Successor in Interest of Borrower '** means any party that has taken title to the Property whether or not that party has assumed Borrower s obligations under the Note and/or this Security Instrument

TRANSFER OF RIGHTS IN THE PROPERTY

The beneficiary of this Security Instrument is MERS (solely as nominee for Lender and Lender s successors and assigns) and the successors and assigns of MERS This Security Instrument secures to Lender (i) the repayment of the Loan, and

all renewals extensions and modifications of the Note and (ii) the performance of Borrower s covenants and agreements under this Security Instrument and the Note For this purpose Borrower irrevocably grants and conveys to Trustee in trust with power of sale the following described property located in the **County** [Type of Recording Jurisdiction]
of **Imperial** [Name of Recording Jurisdiction]

SEE LEGAL DESCRIPTION ATTACHED HERETO AND MADE A PART HEREOF AS "EXHIBIT A '
APN # 062-040-075

which currently has the address of **749 WEST WORTHINGTON ROAD, IMPERIAL,**
[Street] [City]

California **92251** (Property Address)
[Zip Code]

TOGETHER WITH all the improvements now or hereafter erected on the property and all easements appurtenances and fixtures now or hereafter a part of the property All replacements and additions shall also be covered by this Security Instrument All of the foregoing is referred to in this Security Instrument as the Property Borrower understands and agrees that MERS holds only legal title to the interests granted by Borrower in this Security Instrument but if necessary to comply with law or custom MERS (as nominee for Lender and Lender s successors and assigns) has the right to exercise any or all of those interests including but not limited to the right to foreclose and sell the Property and to take any action required of Lender including but not limited to releasing and canceling this Security Instrument

BORROWER COVENANTS that Borrower is lawfully seised of the estate hereby conveyed and has the right to grant and convey the Property and that the Property is unencumbered except for encumbrances of record Borrower warrants and will defend generally the title to the Property against all claims and demands subject to any encumbrances of record

THIS SECURITY INSTRUMENT combines uniform covenants for national use and non-uniform covenants with limited variations by jurisdiction to constitute a uniform security instrument covering real property

UNIFORM COVENANTS Borrower and Lender covenant and agree as follows

1 Payment of Principal, Interest, Escrow Items, Prepayment Charges, and Late Charges Borrower shall pay when due the principal of and interest on the debt evidenced by the Note and any prepayment charges and late charges due under the Note Borrower shall also pay funds for Escrow Items pursuant to Section 3 Payments due under the Note and this Security Instrument shall be made in U S currency However if any check or other instrument received by Lender as payment under the Note or this Security Instrument is returned to Lender unpaid Lender may require that any or all subsequent payments due under the Note and this Security Instrument be made in one or more of the following forms as selected by Lender (a) cash (b) money order (c) certified check bank check treasurer s check or cashier s check provided any such check is drawn upon an institution whose deposits are insured by a federal agency instrumentality or entity or (d) Electronic Funds Transfer

Payments are deemed received by Lender when received at the location designated in the Note or at such other location as may be designated by Lender in accordance with the notice provisions in Section 15 Lender may return any payment or partial payment if the payment or partial payments are insufficient to bring the Loan current Lender may accept any payment or partial payment insufficient to bring the Loan current without waiver of any rights hereunder or prejudice

to its rights to refuse such payment or partial payments in the future but Lender is not obligated to apply such payments at the time such payments are accepted If each Periodic Payment is applied as of its scheduled due date then Lender need not pay interest on unapplied funds Lender may hold such unapplied funds until Borrower makes payment to bring the Loan current If Borrower does not do so within a reasonable period of time Lender shall either apply such funds or return them to Borrower If not applied earlier such funds will be applied to the outstanding principal balance under the Note immediately prior to foreclosure No offset or claim which Borrower might have now or in the future against Lender shall relieve Borrower from making payments due under the Note and this Security Instrument or performing the covenants and agreements secured by this Security Instrument

2 Application of Payments or Proceeds Except as otherwise described in this Section 2 all payments accepted and applied by Lender shall be applied in the following order of priority (a) interest due under the Note (b) principal due under the Note (c) amounts due under Section 3 Such payments shall be applied to each Periodic Payment in the order in which it became due Any remaining amounts shall be applied first to late charges second to any other amounts due under this Security Instrument and then to reduce the principal balance of the Note

If Lender receives a payment from Borrower for a delinquent Periodic Payment which includes a sufficient amount to pay any late charge due the payment may be applied to the delinquent payment and the late charge If more than one Periodic Payment is outstanding Lender may apply any payment received from Borrower to the repayment of the Periodic Payments if and to the extent that each payment can be paid in full To the extent that any excess exists after the payment is applied to the full payment of one or more Periodic Payments such excess may be applied to any late charges due Voluntary prepayments shall be applied first to any prepayment charges and then as described in the Note

Any application of payments insurance proceeds or Miscellaneous Proceeds to principal due under the Note shall not extend or postpone the due date or change the amount of the Periodic Payments

3 Funds for Escrow Items Borrower shall pay to Lender on the day Periodic Payments are due under the Note until the Note is paid in full a sum (the Funds) to provide for payment of amounts due for (a) taxes and assessments and other items which can attain priority over this Security Instrument as a lien or encumbrance on the Property (b) leasehold payments or ground rents on the Property if any (c) premiums for any and all insurance required by Lender under Section 5 and (d) Mortgage Insurance premiums if any or any sums payable by Borrower to Lender in lieu of the payment of Mortgage Insurance premiums in accordance with the provisions of Section 10 These items are called Escrow Items At origination or at any time during the term of the Loan Lender may require that Community Association Dues Fees and Assessments if any be escrowed by Borrower and such dues fees and assessments shall be an Escrow Item Borrower shall promptly furnish to Lender all notices of amounts to be paid under this Section Borrower shall pay Lender the Funds for Escrow Items unless Lender waives Borrower s obligation to pay the Funds for any or all Escrow Items Lender may waive Borrower s obligation to pay to Lender Funds for any or all Escrow Items at any time Any such waiver may only be in writing In the event of such waiver Borrower shall pay directly when and where payable the amounts due for any Escrow Items for which payment of Funds has been waived by Lender and if Lender requires shall furnish to Lender receipts evidencing such payment within such time period as Lender may require Borrower s obligation to make such payments and to provide receipts shall for all purposes be deemed to be a covenant and agreement contained in this Security Instrument as the phrase covenant and agreement is used in Section 9 If Borrower is obligated to pay Escrow Items directly pursuant to a waiver and Borrower fails to pay the amount due for an Escrow Item Lender may exercise its rights under Section 9 and pay such amount and Borrower shall then be obligated under Section 9 to repay to Lender any such amount Lender may revoke the waiver as to any or all Escrow Items at any time by a notice given in accordance with Section 15 and upon such revocation Borrower shall pay to Lender all Funds and in such amounts that are then required under this Section 3

Lender may at any time collect and hold Funds in an amount (a) sufficient to permit Lender to apply the Funds at the time specified under RESPA and (b) not to exceed the maximum amount a lender can require under RESPA Lender shall estimate the amount of Funds due on the basis of current data and reasonable estimates of expenditures of future Escrow Items or otherwise in accordance with Applicable Law

The Funds shall be held in an institution whose deposits are insured by a federal agency instrumentality or entity (including Lender if Lender is an institution whose deposits are so insured) or in any Federal Home Loan Bank Lender shall apply the Funds to pay the Escrow Items no later than the time specified under RESPA Lender shall not charge Borrower for holding and applying the Funds annually analyzing the escrow account or verifying the Escrow Items unless Lender pays Borrower interest on the Funds and Applicable Law permits Lender to make such a charge Unless an agreement is made in writing or Applicable Law requires interest to be paid on the Funds Lender shall not be required to pay Borrower any interest or earnings on the Funds Borrower and Lender can agree in writing however that interest shall be paid on the Funds Lender shall give to Borrower without charge an annual accounting of the Funds as required by RESPA

If there is a surplus of Funds held in escrow as defined under RESPA Lender shall account to Borrower for the excess funds in accordance with RESPA If there is a shortage of Funds held in escrow as defined under RESPA Lender shall notify Borrower as required by RESPA and Borrower shall pay to Lender the amount necessary to make up the shortage in accordance with RESPA but in no more than 12 monthly payments If there is a deficiency of Funds held in escrow as defined under RESPA Lender shall notify Borrower as required by RESPA and Borrower shall pay to Lender the amount necessary to make up the deficiency in accordance with RESPA but in no more than 12 monthly payments

Upon payment in full of all sums secured by this Security Instrument Lender shall promptly refund to Borrower any Funds held by Lender

4 Charges, Liens Borrower shall pay all taxes assessments charges fines and impositions attributable to the Property which can attain priority over this Security Instrument leasehold payments or ground rents on the Property if any and Community Association Dues Fees and Assessments if any To the extent that these items are Escrow Items Borrower shall pay them in the manner provided in Section 3

Borrower shall promptly discharge any lien which has priority over this Security Instrument unless Borrower (a) agrees in writing to the payment of the obligation secured by the lien in a manner acceptable to Lender but only so long as Borrower is performing such agreement (b) contests the lien in good faith by or defends against enforcement of the lien in legal proceedings which in Lender s opinion operate to prevent the enforcement of the lien while those proceedings are pending but only until such proceedings are concluded or (c) secures from the holder of the lien an agreement satisfactory to Lender subordinating the lien to this Security Instrument If Lender determines that any part of the Property is subject to a lien which can attain priority over this Security Instrument Lender may give Borrower a notice identifying the lien Within 10 days of the date on which that notice is given Borrower shall satisfy the lien or take one or more of the actions set forth above in this Section 4

Lender may require Borrower to pay a one-time charge for a real estate tax verification and/or reporting service used by Lender in connection with this Loan

5 Property Insurance Borrower shall keep the improvements now existing or hereafter erected on the Property insured against loss by fire hazards included within the term extended coverage and any other hazards including but not limited to earthquakes and floods for which Lender requires insurance This insurance shall be maintained in the amounts (including deductible levels) and for the periods that Lender requires What Lender requires pursuant to the preceding sentences can change during the term of the Loan The insurance carrier providing the insurance shall be chosen by Borrower subject to Lender s right to disapprove Borrower s choice which right shall not be exercised unreasonably Lender may require Borrower to pay in connection with this Loan either (a) a one-time charge for flood zone determination certification and tracking services or (b) a one-time charge for flood zone determination and certification services and subsequent charges each time remappings or similar changes occur which reasonably might affect such determination or certification Borrower shall also be responsible for the payment of any fees imposed by the Federal Emergency Management Agency in connection with the review of any flood zone determination resulting from an objection by Borrower

If Borrower fails to maintain any of the coverages described above Lender may obtain insurance coverage at Lender s option and Borrower s expense Lender is under no obligation to purchase any particular type or amount of coverage Therefore such coverage shall cover Lender but might or might not protect Borrower Borrower s equity in the Property or the contents of the Property against any risk hazard or liability and might provide greater or lesser coverage than was previously in effect Borrower acknowledges that the cost of the insurance coverage so obtained might significantly exceed the cost of insurance that Borrower could have obtained Any amounts disbursed by Lender under this Section 5 shall become additional debt of Borrower secured by this Security Instrument These amounts shall bear interest at the Note rate from the date of disbursement and shall be payable with such interest upon notice from Lender to Borrower requesting payment

All insurance policies required by Lender and renewals of such policies shall be subject to Lender s right to disapprove such policies shall include a standard mortgage clause and shall name Lender as mortgagee and/or as an additional loss payee and Borrower further agrees to generally assign rights to insurance proceeds to the holder of the Note up to the amount of the outstanding loan balance Lender shall have the right to hold the policies and renewal certificates If Lender requires Borrower shall promptly give to Lender all receipts of paid premiums and renewal notices If Borrower obtains any form of insurance coverage not otherwise required by Lender for damage to or destruction of the Property such policy shall include a standard mortgage clause and shall name Lender as mortgagee and/or as an additional loss payee and Borrower further agrees to generally assign rights to insurance proceeds to the holder of the Note up to the amount of the outstanding loan balance

In the event of loss Borrower shall give prompt notice to the insurance carrier and Lender Lender may make proof of loss if not made promptly by Borrower Unless Lender and Borrower otherwise agree in writing any insurance proceeds

whether or not the underlying insurance was required by Lender shall be applied to restoration or repair of the Property if the restoration or repair is economically feasible and Lender s security is not lessened During such repair and restoration period Lender shall have the right to hold such insurance proceeds until Lender has had an opportunity to inspect such Property to ensure the work has been completed to Lender s satisfaction provided that such inspection shall be undertaken promptly Lender may disburse proceeds for the repairs and restoration in a single payment or in a series of progress payments as the work is completed Unless an agreement is made in writing or Applicable Law requires interest to be paid on such insurance proceeds Lender shall not be required to pay Borrower any interest or earnings on such proceeds Fees for public adjusters or other third parties retained by Borrower shall not be paid out of the insurance proceeds and shall be the sole obligation of Borrower If the restoration or repair is not economically feasible or Lender s security would be lessened the insurance proceeds shall be applied to the sums secured by this Security Instrument whether or not then due with the excess if any paid to Borrower Such insurance proceeds shall be applied in the order provided for in Section 2

If Borrower abandons the Property Lender may file negotiate and settle any available insurance claim and related matters If Borrower does not respond within 30 days to a notice from Lender that the insurance carrier has offered to settle a claim then Lender may negotiate and settle the claim The 30-day period will begin when the notice is given In either event or if Lender acquires the Property under Section 22 or otherwise Borrower hereby assigns to Lender (a) Borrower s rights to any insurance proceeds in an amount not to exceed the amounts unpaid under the Note or this Security Instrument and (b) any other of Borrower s rights (other than the right to any refund of unearned premiums paid by Borrower) under all insurance policies covering the Property insofar as such rights are applicable to the coverage of the Property Lender may use the insurance proceeds either to repair or restore the Property or to pay amounts unpaid under the Note or this Security Instrument whether or not then due

6 Occupancy Borrower shall occupy establish and use the Property as Borrower s principal residence within 60 days after the execution of this Security Instrument and shall continue to occupy the Property as Borrower s principal residence for at least one year after the date of occupancy unless Lender otherwise agrees in writing which consent shall not be unreasonably withheld or unless extenuating circumstances exist which are beyond Borrower s control

7 Preservation, Maintenance and Protection of the Property, Inspections Borrower shall not destroy damage or impair the Property allow the Property to deteriorate or commit waste on the Property Whether or not Borrower is residing in the Property Borrower shall maintain the Property in order to prevent the Property from deteriorating or decreasing in value due to its condition Unless it is determined pursuant to Section 5 that repair or restoration is not economically feasible Borrower shall promptly repair the Property if damaged to avoid further deterioration or damage If insurance or condemnation proceeds are paid in connection with damage to or the taking of the Property Borrower shall be responsible for repairing or restoring the Property only if Lender has released proceeds for such purposes Lender may disburse proceeds for the repairs and restoration in a single payment or in a series of progress payments as the work is completed If the insurance or condemnation proceeds are not sufficient to repair or restore the Property Borrower is not relieved of Borrower s obligation for the completion of such repair or restoration

Lender or its agent may make reasonable entries upon and inspections of the Property If it has reasonable cause Lender may inspect the interior of the improvements on the Property Lender shall give Borrower notice at the time of or prior to such an interior inspection specifying such reasonable cause

8 Borrower's Loan Application Borrower shall be in default if during the Loan application process Borrower or any persons or entities acting at the direction of Borrower or with Borrower s knowledge or consent gave materially false misleading or inaccurate information or statements to Lender (or failed to provide Lender with material information) in connection with the Loan Material representations include but are not limited to representations concerning Borrower s occupancy of the Property as Borrower s principal residence

9 Protection of Lender's Interest in the Property and Rights Under this Security Instrument If (a) Borrower fails to perform the covenants and agreements contained in this Security Instrument (b) there is a legal proceeding that might significantly affect Lender s interest in the Property and/or rights under this Security Instrument (such as a proceeding in bankruptcy probate for condemnation or forfeiture for enforcement of a lien which may attain priority over this Security Instrument or to enforce laws or regulations) or (c) Borrower has abandoned the Property then Lender may do and pay for whatever is reasonable or appropriate to protect Lender s interest in the Property and rights under this Security Instrument including protecting and/or assessing the value of the Property and securing and/or repairing the Property Lender s actions can include but are not limited to (a) paying any sums secured by a lien which has priority over this Security Instrument (b) appearing in court and (c) paying reasonable attorneys fees to protect its interest in the Property and/or rights under this Security Instrument including its secured position in a bankruptcy proceeding Securing the Property includes but is not limited to entering the Property to make repairs change locks replace or board up doors and windows drain water

from pipes eliminate building or other code violations or dangerous conditions and have utilities turned on or off Although Lender may take action under this Section 9 Lender does not have to do so and is not under any duty or obligation to do so It is agreed that Lender incurs no liability for not taking any or all actions authorized under this Section 9

Any amounts disbursed by Lender under this Section 9 shall become additional debt of Borrower secured by this Security Instrument These amounts shall bear interest at the Note rate from the date of disbursement and shall be payable with such interest upon notice from Lender to Borrower requesting payment

If this Security Instrument is on a leasehold Borrower shall comply with all the provisions of the lease Borrower shall not surrender the leasehold estate and interests herein conveyed or terminate or cancel the ground lease Borrower shall not without the express written consent of Lender alter or amend the ground lease If Borrower acquires fee title to the Property the leasehold and the fee title shall not merge unless Lender agrees to the merger in writing

10 Mortgage Insurance If Lender required Mortgage Insurance as a condition of making the Loan Borrower shall pay the premiums required to maintain the Mortgage Insurance in effect If for any reason the Mortgage Insurance coverage required by Lender ceases to be available from the mortgage insurer that previously provided such insurance and Borrower was required to make separately designated payments toward the premiums for Mortgage Insurance Borrower shall pay the premiums required to obtain coverage substantially equivalent to the Mortgage Insurance previously in effect at a cost substantially equivalent to the cost to Borrower of the Mortgage Insurance previously in effect from an alternate mortgage insurer selected by Lender If substantially equivalent Mortgage Insurance coverage is not available Borrower shall continue to pay to Lender the amount of the separately designated payments that were due when the insurance coverage ceased to be in effect Lender will accept use and retain these payments as a non-refundable loss reserve in lieu of Mortgage Insurance Such loss reserve shall be non-refundable notwithstanding the fact that the Loan is ultimately paid in full and Lender shall not be required to pay Borrower any interest or earnings on such loss reserve Lender can no longer require loss reserve payments if Mortgage Insurance coverage (in the amount and for the period that Lender requires) provided by an insurer selected by Lender again becomes available is obtained and Lender requires separately designated payments toward the premiums for Mortgage Insurance If Lender required Mortgage Insurance as a condition of making the Loan and Borrower was required to make separately designated payments toward the premiums for Mortgage Insurance Borrower shall pay the premiums required to maintain Mortgage Insurance in effect or to provide a non-refundable loss reserve until Lender s requirement for Mortgage Insurance ends in accordance with any written agreement between Borrower and Lender providing for such termination or until termination is required by Applicable Law Nothing in this Section 10 affects Borrower s obligation to pay interest at the rate provided in the Note

Mortgage Insurance reimburses Lender (or any entity that purchases the Note) for certain losses it may incur if Borrower does not repay the Loan as agreed Borrower is not a party to the Mortgage Insurance

Mortgage insurers evaluate their total risk on all such insurance in force from time to time and may enter into agreements with other parties that share or modify their risk or reduce losses These agreements are on terms and conditions that are satisfactory to the mortgage insurer and the other party (or parties) to these agreements These agreements may require the mortgage insurer to make payments using any source of funds that the mortgage insurer may have available (which may include funds obtained from Mortgage Insurance premiums)

As a result of these agreements Lender any purchaser of the Note another insurer any reinsurer any other entity or any affiliate of any of the foregoing may receive (directly or indirectly) amounts that derive from (or might be characterized as) a portion of Borrower s payments for Mortgage Insurance in exchange for sharing or modifying the mortgage insurer s risk or reducing losses If such agreement provides that an affiliate of Lender takes a share of the insurer s risk in exchange for a share of the premiums paid to the insurer the arrangement is often termed captive reinsurance Further

(a) Any such agreements will not affect the amounts that Borrower has agreed to pay for Mortgage Insurance or any other terms of the Loan Such agreements will not increase the amount Borrower will owe for Mortgage Insurance, and they will not entitle Borrower to any refund

(b) Any such agreements will not affect the rights Borrower has if any with respect to the Mortgage Insurance under the Homeowners Protection Act of 1998 or any other law These rights may include the right to receive certain disclosures, to request and obtain cancellation of the Mortgage Insurance, to have the Mortgage Insurance terminated automatically, and/or to receive a refund of any Mortgage Insurance premiums that were unearned at the time of such cancellation or termination

11 Assignment of Miscellaneous Proceeds, Forfeiture All Miscellaneous Proceeds are hereby assigned to and shall be paid to Lender

If the Property is damaged such Miscellaneous Proceeds shall be applied to restoration or repair of the Property if the restoration or repair is economically feasible and Lender s security is not lessened During such repair and restoration

period Lender shall have the right to hold such Miscellaneous Proceeds until Lender has had an opportunity to inspect such Property to ensure the work has been completed to Lender s satisfaction provided that such inspection shall be undertaken promptly Lender may pay for the repairs and restoration in a single disbursement or in a series of progress payments as the work is completed Unless an agreement is made in writing or Applicable Law requires interest to be paid on such Miscellaneous Proceeds Lender shall not be required to pay Borrower any interest or earnings on such Miscellaneous Proceeds If the restoration or repair is not economically feasible or Lender s security would be lessened the Miscellaneous Proceeds shall be applied to the sums secured by this Security Instrument whether or not then due with the excess if any paid to Borrower Such Miscellaneous Proceeds shall be applied in the order provided for in Section 2

In the event of a total taking destruction or loss in value of the Property the Miscellaneous Proceeds shall be applied to the sums secured by this Security Instrument whether or not then due with the excess if any paid to Borrower

In the event of a partial taking destruction or loss in value of the Property in which the fair market value of the Property immediately before the partial taking destruction or loss in value is equal to or greater than the amount of the sums secured by this Security Instrument immediately before the partial taking destruction or loss in value unless Borrower and Lender otherwise agree in writing the sums secured by this Security Instrument shall be reduced by the amount of the Miscellaneous Proceeds multiplied by the following fraction (a) the total amount of the sums secured immediately before the partial taking destruction or loss in value divided by (b) the fair market value of the Property immediately before the partial taking destruction or loss in value Any balance shall be paid to Borrower

In the event of a partial taking destruction or loss in value of the Property in which the fair market value of the Property immediately before the partial taking destruction or loss in value is less than the amount of the sums secured immediately before the partial taking destruction or loss in value unless Borrower and Lender otherwise agree in writing the Miscellaneous Proceeds shall be applied to the sums secured by this Security Instrument whether or not the sums are then due

If the Property is abandoned by Borrower or if after notice by Lender to Borrower that the Opposing Party (as defined in the next sentence) offers to make an award to settle a claim for damages Borrower fails to respond to Lender within 30 days after the date the notice is given Lender is authorized to collect and apply the Miscellaneous Proceeds either to restoration or repair of the Property or to the sums secured by this Security Instrument whether or not then due Opposing Party means the third party that owes Borrower Miscellaneous Proceeds or the party against whom Borrower has a right of action in regard to Miscellaneous Proceeds

Borrower shall be in default if any action or proceeding whether civil or criminal is begun that in Lender s judgment could result in forfeiture of the Property or other material impairment of Lender s interest in the Property or rights under this Security Instrument Borrower can cure such a default and if acceleration has occurred reinstate as provided in Section 19 by causing the action or proceeding to be dismissed with a ruling that in Lender s judgment precludes forfeiture of the Property or other material impairment of Lender s interest in the Property or rights under this Security Instrument The proceeds of any award or claim for damages that are attributable to the impairment of Lender s interest in the Property are hereby assigned and shall be paid to Lender

All Miscellaneous Proceeds that are not applied to restoration or repair of the Property shall be applied in the order provided for in Section 2

12 Borrower Not Released, Forbearance By Lender Not a Waiver Extension of the time for payment or modification of amortization of the sums secured by this Security Instrument granted by Lender to Borrower or any Successor in Interest of Borrower shall not operate to release the liability of Borrower or any Successors in Interest of Borrower Lender shall not be required to commence proceedings against any Successor in Interest of Borrower or to refuse to extend time for payment or otherwise modify amortization of the sums secured by this Security Instrument by reason of any demand made by the original Borrower or any Successors in Interest of Borrower Any forbearance by Lender in exercising any right or remedy including without limitation Lender s acceptance of payments from third persons entities or Successors in Interest of Borrower or in amounts less than the amount then due shall not be a waiver of or preclude the exercise of any right or remedy

13 Joint and Several Liability, Co-signers, Successors and Assigns Bound Borrower covenants and agrees that Borrower s obligations and liability shall be joint and several However any Borrower who co-signs this Security Instrument but does not execute the Note (a co-signer) (a) is co-signing this Security Instrument only to mortgage grant and convey the co-signer s interest in the Property under the terms of this Security Instrument (b) is not personally obligated to pay the sums secured by this Security Instrument and (c) agrees that Lender and any other Borrower can agree to extend modify forbear or make any accommodations with regard to the terms of this Security Instrument or the Note without the co-signer s consent

Subject to the provisions of Section 18 any Successor in Interest of Borrower who assumes Borrower s obligations under this Security Instrument in writing and is approved by Lender shall obtain all of Borrower s rights and benefits under this Security Instrument Borrower shall not be released from Borrower s obligations and liability under this Security Instrument unless Lender agrees to such release in writing The covenants and agreements of this Security Instrument shall bind (except as provided in Section 20) and benefit the successors and assigns of Lender

14 Loan Charges Lender may charge Borrower fees for services performed in connection with Borrower s default for the purpose of protecting Lender s interest in the Property and rights under this Security Instrument including but not limited to attorneys fees property inspection and valuation fees In regard to any other fees the absence of express authority in this Security Instrument to charge a specific fee to Borrower shall not be construed as a prohibition on the charging of such fee Lender may not charge fees that are expressly prohibited by this Security Instrument or by Applicable Law

If the Loan is subject to a law which sets maximum loan charges and that law is finally interpreted so that the interest or other loan charges collected or to be collected in connection with the Loan exceed the permitted limits then (a) any such loan charge shall be reduced by the amount necessary to reduce the charge to the permitted limit and (b) any sums already collected from Borrower which exceeded permitted limits will be refunded to Borrower Lender may choose to make this refund by reducing the principal owed under the Note or by making a direct payment to Borrower If a refund reduces principal the reduction will be treated as a partial prepayment without any prepayment charge (whether or not a prepayment charge is provided for under the Note) Borrower s acceptance of any such refund made by direct payment to Borrower will constitute a waiver of any right of action Borrower might have arising out of such overcharge

15 Notices All notices given by Borrower or Lender in connection with this Security Instrument must be in writing Any notice to Borrower in connection with this Security Instrument shall be deemed to have been given to Borrower when mailed by first class mail or when actually delivered to Borrower s notice address if sent by other means Notice to any one Borrower shall constitute notice to all Borrowers unless Applicable Law expressly requires otherwise The notice address shall be the Property Address unless Borrower has designated a substitute notice address by notice to Lender Borrower shall promptly notify Lender of Borrower s change of address If Lender specifies a procedure for reporting Borrower s change of address then Borrower shall only report a change of address through that specified procedure There may be only one designated notice address under this Security Instrument at any one time Any notice to Lender shall be given by delivering it or by mailing it by first class mail to Lender s address stated herein unless Lender has designated another address by notice to Borrower Any notice in connection with this Security Instrument shall not be deemed to have been given to Lender until actually received by Lender If any notice required by this Security Instrument is also required under Applicable Law the Applicable Law requirement will satisfy the corresponding requirement under this Security Instrument

16 Governing Law, Severability, Rules of Construction This Security Instrument shall be governed by federal law and the law of the jurisdiction in which the Property is located All rights and obligations contained in this Security Instrument are subject to any requirements and limitations of Applicable Law Applicable Law might explicitly or implicitly allow the parties to agree by contract or it might be silent but such silence shall not be construed as a prohibition against agreement by contract In the event that any provision or clause of this Security Instrument or the Note conflicts with Applicable Law such conflict shall not affect other provisions of this Security Instrument or the Note which can be given effect without the conflicting provision

As used in this Security Instrument (a) words of the masculine gender shall mean and include corresponding neuter words or words of the feminine gender (b) words in the singular shall mean and include the plural and vice versa and (c) the word may gives sole discretion without any obligation to take any action

17 Borrower's Copy Borrower shall be given one copy of the Note and of this Security Instrument

18 Transfer of the Property or a Beneficial Interest in Borrower As used in this Section 18 Interest in the Property means any legal or beneficial interest in the Property including but not limited to those beneficial interests transferred in a bond for deed contract for deed installment sales contract or escrow agreement the intent of which is the transfer of title by Borrower at a future date to a purchaser

If all or any part of the Property or any Interest in the Property is sold or transferred (or if Borrower is not a natural person and a beneficial interest in Borrower is sold or transferred) without Lender s prior written consent Lender may require immediate payment in full of all sums secured by this Security Instrument However this option shall not be exercised by Lender if such exercise is prohibited by Applicable Law

If Lender exercises this option Lender shall give Borrower notice of acceleration The notice shall provide a period of not less than 30 days from the date the notice is given in accordance with Section 15 within which Borrower must pay all

sums secured by this Security Instrument If Borrower fails to pay these sums prior to the expiration of this period Lender may invoke any remedies permitted by this Security Instrument without further notice or demand on Borrower

19 Borrower's Right to Reinstate After Acceleration If Borrower meets certain conditions Borrower shall have the right to have enforcement of this Security Instrument discontinued at any time prior to the earliest of (a) five days before sale of the Property pursuant to any power of sale contained in this Security Instrument (b) such other period as Applicable Law might specify for the termination of Borrower s right to reinstate or (c) entry of a judgment enforcing this Security Instrument Those conditions are that Borrower (a) pays Lender all sums which then would be due under this Security Instrument and the Note as if no acceleration had occurred (b) cures any default of any other covenants or agreements (c) pays all expenses incurred in enforcing this Security Instrument including but not limited to reasonable attorneys fees property inspection and valuation fees and other fees incurred for the purpose of protecting Lender s interest in the Property and rights under this Security Instrument and (d) takes such action as Lender may reasonably require to assure that Lender s interest in the Property and rights under this Security Instrument and Borrower s obligation to pay the sums secured by this Security Instrument shall continue unchanged Lender may require that Borrower pay such reinstatement sums and expenses in one or more of the following forms as selected by Lender (a) cash (b) money order (c) certified check bank check treasurer s check or cashier s check provided any such check is drawn upon an institution whose deposits are insured by a federal agency instrumentality or entity or (d) Electronic Funds Transfer Upon reinstatement by Borrower this Security Instrument and obligations secured hereby shall remain fully effective as if no acceleration had occurred However this right to reinstate shall not apply in the case of acceleration under Section 18

20 Sale of Note, Change of Loan Servicer, Notice of Grievance The Note or a partial interest in the Note (together with this Security Instrument) can be sold one or more times without prior notice to Borrower A sale might result in a change in the entity (known as the Loan Servicer') that collects Periodic Payments due under the Note and this Security Instrument and performs other mortgage loan servicing obligations under the Note this Security Instrument and Applicable Law There also might be one or more changes of the Loan Servicer unrelated to a sale of the Note If there is a change of the Loan Servicer Borrower will be given written notice of the change which will state the name and address of the new Loan Servicer the address to which payments should be made and any other information RESPA requires in connection with a notice of transfer of servicing If the Note is sold and thereafter the Loan is serviced by a Loan Servicer other than the purchaser of the Note the mortgage loan servicing obligations to Borrower will remain with the Loan Servicer or be transferred to a successor Loan Servicer and are not assumed by the Note purchaser unless otherwise provided by the Note purchaser

Neither Borrower nor Lender may commence join or be joined to any judicial action (as either an individual litigant or the member of a class) that arises from the other party s actions pursuant to this Security Instrument or that alleges that the other party has breached any provision of or any duty owed by reason of this Security Instrument until such Borrower or Lender has notified the other party (with such notice given in compliance with the requirements of Section 15) of such alleged breach and afforded the other party hereto a reasonable period after the giving of such notice to take corrective action If Applicable Law provides a time period which must elapse before certain action can be taken that time period will be deemed to be reasonable for purposes of this paragraph The notice of acceleration and opportunity to cure given to Borrower pursuant to Section 22 and the notice of acceleration given to Borrower pursuant to Section 18 shall be deemed to satisfy the notice and opportunity to take corrective action provisions of this Section 20

21 Hazardous Substances As used in this Section 21 (a) Hazardous Substances are those substances defined as toxic or hazardous substances pollutants or wastes by Environmental Law and the following substances gasoline kerosene other flammable or toxic petroleum products toxic pesticides and herbicides volatile solvents materials containing asbestos or formaldehyde and radioactive materials (b) Environmental Law means federal laws and laws of the jurisdiction where the Property is located that relate to health safety or environmental protection (c) Environmental Cleanup includes any response action remedial action or removal action as defined in Environmental Law and (d) an Environmental Condition means a condition that can cause contribute to or otherwise trigger an Environmental Cleanup

Borrower shall not cause or permit the presence use disposal storage or release of any Hazardous Substances or threaten to release any Hazardous Substances on or in the Property Borrower shall not do nor allow anyone else to do anything affecting the Property (a) that is in violation of any Environmental Law (b) which creates an Environmental Condition or (c) which due to the presence use or release of a Hazardous Substance creates a condition that adversely affects the value of the Property The preceding two sentences shall not apply to the presence use or storage on the Property of small quantities of Hazardous Substances that are generally recognized to be appropriate to normal residential uses and to maintenance of the Property (including but not limited to hazardous substances in consumer products)

Borrower shall promptly give Lender written notice of (a) any investigation claim demand lawsuit or other action by any governmental or regulatory agency or private party involving the Property and any Hazardous Substance or Environmental Law of which Borrower has actual knowledge (b) any Environmental Condition including but not limited to any spilling leaking discharge release or threat of release of any Hazardous Substance and (c) any condition caused by the presence use or release of a Hazardous Substance which adversely affects the value of the Property If Borrower learns or is notified by any governmental or regulatory authority or any private party that any removal or other remediation of any Hazardous Substance affecting the Property is necessary Borrower shall promptly take all necessary remedial actions in accordance with Environmental Law Nothing herein shall create any obligation on Lender for an Environmental Cleanup

NON-UNIFORM COVENANTS Borrower and Lender further covenant and agree as follows

22 Acceleration, Remedies Lender shall give notice to Borrower prior to acceleration following Borrower's breach of any covenant or agreement in this Security Instrument (but not prior to acceleration under Section 18 unless Applicable Law provides otherwise) The notice shall specify (a) the default, (b) the action required to cure the default, (c) a date, not less than 30 days from the date the notice is given to Borrower, by which the default must be cured, and (d) that failure to cure the default on or before the date specified in the notice may result in acceleration of the sums secured by this Security Instrument and sale of the Property The notice shall further inform Borrower of the right to reinstate after acceleration and the right to bring a court action to assert the non existence of a default or any other defense of Borrower to acceleration and sale If the default is not cured on or before the date specified in the notice, Lender at its option may require immediate payment in full of all sums secured by this Security Instrument without further demand and may invoke the power of sale and any other remedies permitted by Applicable Law Lender shall be entitled to collect all expenses incurred in pursuing the remedies provided in this Section 22, including, but not limited to, reasonable attorneys' fees and costs of title evidence

If Lender invokes the power of sale, Lender shall execute or cause Trustee to execute a written notice of the occurrence of an event of default and of Lender's election to cause the Property to be sold Trustee shall cause this notice to be recorded in each county in which any part of the Property is located Lender or Trustee shall mail copies of the notice as prescribed by Applicable Law to Borrower and to the other persons prescribed by Applicable Law Trustee shall give public notice of sale to the persons and in the manner prescribed by Applicable Law After the time required by Applicable Law, Trustee, without demand on Borrower, shall sell the Property at public auction to the highest bidder at the time and place and under the terms designated in the notice of sale in one or more parcels and in any order Trustee determines Trustee may postpone sale of all or any parcel of the Property by public announcement at the time and place of any previously scheduled sale Lender or its designee may purchase the Property at any sale

Trustee shall deliver to the purchaser Trustee's deed conveying the Property without any covenant or warranty, expressed or implied The recitals in the Trustee's deed shall be prima facie evidence of the truth of the statements made therein Trustee shall apply the proceeds of the sale in the following order (a) to all expenses of the sale, including, but not limited to, reasonable Trustee's and attorneys' fees, (b) to all sums secured by this Security Instrument, and (c) any excess to the person or persons legally entitled to it

23 Reconveyance Upon payment of all sums secured by this Security Instrument Lender shall request Trustee to reconvey the Property and shall surrender this Security Instrument and all notes evidencing debt secured by this Security Instrument to Trustee Trustee shall reconvey the Property without warranty to the person or persons legally entitled to it Lender may charge such person or persons a reasonable fee for reconveying the Property but only if the fee is paid to a third party (such as the Trustee) for services rendered and the charging of the fee is permitted under Applicable Law If the fee charged does not exceed the fee set by Applicable Law the fee is conclusively presumed to be reasonable

24 Substitute Trustee Lender at its option may from time to time appoint a successor trustee to any Trustee appointed hereunder by an instrument executed and acknowledged by Lender and recorded in the office of the Recorder of the county in which the Property is located The instrument shall contain the name of the original Lender Trustee and Borrower the book and page where this Security Instrument is recorded and the name and address of the successor trustee Without conveyance of the Property the successor trustee shall succeed to all the title powers and duties conferred upon the Trustee herein and by Applicable Law This procedure for substitution of trustee shall govern to the exclusion of all other provisions for substitution

25 Statement of Obligation Fee Lender may collect a fee not to exceed the maximum amount permitted by Applicable Law for furnishing the statement of obligation as provided by Section 2943 of the Civil Code of California

LOAN # 190016072298

The undersigned Borrower requests that a copy of any Notice of Default and any Notice of Sale under this Security Instrument be mailed to Borrower at the address set forth above

BY SIGNING BELOW Borrower accepts and agrees to the terms and covenants contained in this Security Instrument and in any Rider executed by Borrower and recorded with it

HENRY F CALDERON — 07-18-2016 — DATE (Seal)

SARA CALDERON — 07-20-2016 — DATE (Seal)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

State of ~~CALIFORNIA~~ JT TEXAS
County of ~~IMPERIAL~~ SS EL PASO

On 07/18/2016, before me, JERRY JARVIS, NOTARY PUBLIC (here insert name and title of the officer), personally appeared HENRY F CALDERON AND ~~SARA~~ JT ~~CALDERON~~, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/ are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/ her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature _____

JERRY JARVIS (NOTARY)

(SEAL)

JERRY JARVIS
NOTARY PUBLIC
STATE OF TEXAS
MY COMM EXP 02 10 2017
COMM # 00122002 0

Initials _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document

State of California)
County of Imperial)
On 07-20-2016 before me, Elvira Lee, Notary Public,
Date *Here Insert Name and Title of the Officer*
personally appeared Sara Calderon
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are) subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies) and that by ~~his/her/their~~ signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted executed the instrument

ELVIRA LEE
Commission # 2051246
Notary Public California
Imperial County
My Comm Expires Jan 5 2018

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature _____
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document

Description of Attached Document
Title or Type of Document Deed of Trust Document Date 7-18-2016
Number of Pages 13 Signer(s) Other Than Named Above _____

Capacity(ies) Claimed by Signer(s)

Signer s Name _____
☐ Corporate Officer — Title(s) _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other _____
Signer Is Representing _____

Signer s Name _____
☐ Corporate Officer — Title(s) _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other _____
Signer Is Representing _____

©2014 National Notary Association www NationalNotary org 1-800-US NOTARY (1-800-876-6827) Item #5907

Lender Broker Solutions, Inc dba New American Funding
NMLS ID 6606
Broker Capital Plus Financial Corporation
NMLS ID 618745
Loan Originator David Howard Malmrose
NMLS ID 340025

LOAN # 190016072298

Exhibit A

APN # 062-040 075

Exhibit "A"

Legal Description

A P N 062-040-075-000

Real property in the City of Imperial, County of Imperial, State of California, described as follows

THAT PORTION OF TRACT 51, TOWNSHIP 15 SOUTH, RANGE 13 EAST, S B M , IN AN UNINCORPORATED AREA OF THE COUNTY OF IMPERIAL, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, SHOWN AND DESIGNATED AS PARCEL 2 OF PARCEL MAP NO M-926 ON FILE IN BOOK 3, PAGE 82 OF PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF IMPERIAL COUNTY

When recorded, mail to
Broker Solutions, Inc dba New American Funding
ATTN Final Document Department
14511 Myford Road, Suite 100
Tustin, CA 92780

LOAN # 190016072298
MIN 1003763-0002651291 1

REAL PROPERTY AND MANUFACTURED HOME LIMITED POWER OF ATTORNEY

(Solely to execute or release title mortgage or deed of trust security filing transfer of equity and insurance documents and proceeds)

The undersigned borrower(s) **Henry F Calderon AND Sara Calderon**

whether one or more each referred to below as I or me residing at
749 WEST WORTHINGTON ROAD, IMPERIAL, CA 92251

(Mailing Address)

Initials H.F.C. S.C.

LOAN # 190016072298

I am the Buyer/Owner of the following manufactured home (the Manufactured Home)

New _____ Used X Year 2002 Length 76 Width 31
Make _____
Model Name or Model No LAKE POINT ULTRA
Serial No AZFL221A09514-LP12 AZFL221B09514-LP12
Serial No _____
Serial No _____
Serial No _____
permanently affixed to the real property located at
749 WEST WORTHINGTON ROAD (Street Address)
IMPERIAL, CA 92251 (City State Zip)
Imperial (County)
(Property Address) and as more particularly described on Exhibit A attached hereto (the Real Property) I do hereby irrevocably make constitute appoint and authorize with full powers of substitution

Broker Solutions, Inc dba New American Funding, a Corporation

(Lender) its successors assigns or designees as my agent and attorney-in-fact in my name place and stead in any way which I could do if I were personally present with full power of substitution and delegation (1) to complete execute and deliver in my name or Lender s name any and all forms certificates assignments designations releases or other documentation as may be necessary or proper to implement the terms and provisions of the Security Instrument dated **July 18, 2016** executed by me in favor of Lender (2) to complete execute and deliver in my name or in Lender s name any and all forms certificates assignments designations releases or other documentation as may be necessary or proper to make application for and obtain the certificate of title for the Manufactured Home and to have Lender (or its designee) designated as lienholder on the certificate of title for the Manufactured Home (3) to complete execute and deliver in my name or Lender s name any and all forms certificates assignments designations releases or other documentation as may be necessary or proper to have the Manufactured Home treated as real estate for any and all purposes under state law including but not limited to the surrender of any certificate of title any election to treat the Manufactured Home as real estate for tax purposes or to meet any other requirements in order for the loan/financing secured by the Manufactured Home and the Real Property to be eligible for sale on the Federal National Mortgage Association (Fannie Mae) the Federal Home Loan Mortgage Association (Freddie Mac) or any other secondary market purchaser (4) to receive complete execute or endorse and deliver in my name or Lender s name any and all claim forms agreements assignments releases checks drafts or other instruments and vehicles for the payment of money relating to any insurance covering the Manufactured Home the indebtedness secured by the Manufactured Home or the Real Property and (5) to complete sign and file without my signature such financing and continuation statements amendments and supplements thereto mortgages deeds of trust and other documents including releases of these items which I may from time to time deem necessary to perfect preserve and protect Lender s security interest in the Manufactured Home the Property and any other property sold with it I acknowledge that at the time this Power of Attorney and my Security Instrument and any of the forms certificates assignments designations releases or other documentation are prepared the serial number of the manufactured housing unit may not be available or may be inaccurate The manufactured housing unit may be a factory order in the process of being constructed Immediately upon Lender s receipt of the serial number I understand and agree that the above items may be completed and/or corrected by Lender to properly disclose all the applicable home identifications including the serial number I understand that I will be provided with a copy of any corrected agreement

To induce any third party to act hereunder I hereby agree that any third party receiving a duly executed copy or facsimile of this instrument may act hereunder and I for myself and for my heirs executors legal representatives and assigns hereby agree to indemnify and hold harmless any such third party from and against any and all claims that may arise against such third party by reason of such third party having relied on the provisions of this instrument I have given this Limited Power of Attorney in connection with a loan/financing to be given by Lender and to induce Lender to make the financing available It is coupled with an interest in the transaction and is irrevocable This Limited Power of Attorney

Initials _____

shall not be affected by my (our) subsequent incapacity disability or incompetence I do further grant unto Lender full authority and power to do and perform any and all acts necessary or incident to the execution of the powers herein expressly granted as fully as I might or could do if personally present

WITNESS my hand and seal this 18th day of **July, 2016**

HENRY F CALDERON 07-18-2016 (Seal) DATE

SARA CALDERON 07-20-2016 (Seal) DATE

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

State of ~~CALIFORNIA~~ TEXAS JT
County of ~~IMPERIAL~~ EL PASO JT

On 07/18/2016 **, before me,** JERRY JARVIS, NOTARY PUBLIC **(here insert name and title of the officer), personally appeared HENRY F CALDERON AND** ~~SARA CALDERON,~~ JT **who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument**

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature _____

JERRY JARVIS **(NOTARY)**

(SEAL)

JERRY JARVIS
NOTARY PUBLIC
STATE OF TEXAS
MY COMM EXP 02 10 2017
COMM # 00122002 0

Initials A.L. S.C.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document

State of California)
County of Imperial)

On 07-20-2016 before me, Elvira Lee, Notary Public,
Date *Here Insert Name and Title of the Officer*

personally appeared Sara Calderon
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are) subscribed to the within instrument and acknowledged to me that ~~he/~~(she/they) executed the same in ~~his~~(her/their) authorized capacity(ies) and that by ~~his~~(her/their) signature(s) ~~on~~ the instrument the person(s) or the entity upon behalf of which the person(s) acted executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

ELVIRA LEE
Commission # 2051246
Notary Public California
Imperial County
My Comm Expires Jan 5 2018

Signature _____
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document

Description of Attached Document
Title or Type of Document Real Property and Manufactured Home ~~Limited Power of Attorney~~ Document Date 7-18-2016
Number of Pages 3 Signer(s) Other Than Named Above _____

Capacity(ies) Claimed by Signer(s)

Signer s Name _____	Signer s Name _____
☐ Corporate Officer — Title(s) _____	☐ Corporate Officer — Title(s) _____
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator
☐ Other _____	☐ Other _____
Signer Is Representing _____	Signer Is Representing _____

©2014 National Notary Association www NationalNotary org 1-800-US NOTARY (1-800-876-6827) Item #5907

LOAN # 190016072298

MANUFACTURED HOME RIDER TO THE MORTGAGE/ DEED OF TRUST/TRUST INDENTURE OR OTHER SECURITY INSTRUMENT

This Rider is made this **18th** day of **July, 2016** and is incorporated into and shall be deemed to amend and supplement the Mortgage/Deed of Trust/Trust Indenture or Other Security Instrument (the "Security Instrument") of the same date given by the undersigned **Henry F Calderon AND Sara Calderon**

(the 'Borrower")
to secure Borrower s Note to **Broker Solutions, Inc dba New American Funding, a Corporation**

(the "Note Holder")
of the same date (the "Note") and covering the property described in the Security Instrument and located at **749 WEST WORTHINGTON ROAD, IMPERIAL, CA 92251**

(Property Address)

LEGAL DESCRIPTION
SEE LEGAL DESCRIPTION ATTACHED HERETO AND MADE A PART HEREOF AS "EXHIBIT A"
APN # 062-040-075

Initials SC

LOAN # 190016072298

MODIFICATIONS In addition to the covenants and agreements made in the Security Instrument, Borrowers and Note Holder further covenant and agree as follows

A PROPERTY
Property, as the term is defined herein, shall also encompass the following manufactured home (the "Manufactured Home")
New _____ Used ___x___ Year **2002** Length **76** Width **31**
Manufacturer/Make _____
Model Name or Model No **LAKE POINT ULTRA**
Serial No **AZFL221A09514-LP12 AZFL221B09514-LP12**
Serial No _____
Serial No _____
Serial No _____
Certificate of Title Number _____ ☒ No Certificate of Title has been issued

B ADDITIONAL COVENANTS OF BORROWER
(a) Borrower(s) covenant and agree that they will comply with all state and local laws and regulations regarding the affixation of the Manufactured Home to the real property described herein including, but not limited to, surrendering the Certificate of Title (if required) and obtaining the requisite governmental approval and executing any documentation necessary to classify the Manufactured Home as real property under state and local law
(b) That the Manufactured Home described above shall be, at all times and for all purposes, permanently affixed to and part of the real property legally described herein
(c) Borrower(s) covenant that affixing the Manufactured Home to the real property legally described herein does not violate any zoning laws or other local requirements applicable to manufactured homes and further covenant that the Manufactured Home has been delivered and installed to their satisfaction and is free from all defects

C RESPONSIBILITY FOR IMPROVEMENTS
Note Holder/Lender shall not be responsible for any improvements made or to be made or for their completion relating to the real property and shall not in any way be considered a guarantor of performance by any person or party providing or effecting such improvements

D INVALID PROVISIONS
If any provision of this Security Instrument is declared invalid, illegal or unenforceable by a court of competent jurisdiction, then such invalid, illegal or unenforceable provisions

Initials _____

shall be severed from this Security Instrument and the remainder enforced as if such invalid, illegal or unenforceable provision is not a part of this Security Instrument

By signing this, Borrower(s) agree to all of the above

07-18-2016 (Seal)
HENRY F CALDERON DATE

Sara Calderon 07-20-2016 (Seal)
SARA CALDERON DATE

This document was prepared by
Broker Solutions, Inc dba New American Funding
14511 Myford Road, Suite 100
Tustin, CA 92780

LOAN # 190016072298

MANUFACTURED HOME AFFIDAVIT OF AFFIXATION

STATE OF CA

COUNTY OF Imperial

This Manufactured Home Affidavit of Affixation is made this 18th day of July, 2016 and is incorporated into and shall be deemed to supplement the Mortgage, Deed of Trust, or Security Deed (the "Security Instrument") of the same date given by the undersigned (the "Borrower or "Homeowner) to secure Borrower's Note to Broker Solutions, Inc dba New American Funding, a Corporation

("Lender")

Borrower and Lender state that it is their intent that the manufactured home be and remain permanently attached to and part of the real property, and that it be regarded as an immovable fixture thereto and not as personal property

"Homeowner' being duly sworn, on his, her or their oath state(s) as follows

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the Land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials

LOAN # 190016072298

1 Homeowner owns the manufactured home ("Home") described as follows

New_____ Used X Year 2002 Length 76 Width 31

Manufacturer/Make_____

Model Name or Model No LAKE POINT ULTRA

Serial No AZFL221A09514-LP12 AZFL221B09514 LP12

Serial No _____

Serial No _____

Serial No _____

HUD Label Number(s) ARZ257752 & ARZ257753

Certificate of Title Number_____

2 The Home was built in compliance with the federal Manufactured Home Construction and Safety Standards Act

3 If the Homeowner is the first retail buyer of the Home, Homeowner is in receipt of (i) the manufacturer's warranty for the Home (ii) the consumer manual for the Home, (iii) the Insulation Disclosure for the Home, and (iv) the formaldehyde health notice for the Home

4 The Homeowner is in receipt of manufacturer's recommended maintenance program regarding the carpets and manufacturer's warranties covering the heating/cooling system hot water heater, range, etc

5 The Home is or will be located at the following "Property Address"
749 WEST WORTHINGTON ROAD, IMPERIAL

(Street or Route City)
Imperial, CA 92251 (County) (State Zip Code)

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____

6 The legal description of the Property Address ("Land") is typed below or please see attached legal description
SEE LEGAL DESCRIPTION ATTACHED HERETO AND MADE A PART HEREOF AS EXHIBIT A

7 The Homeowner is the owner of the Land or, if not the owner of the Land, is in possession of the real property pursuant to a lease in recordable form and the consent of the lessor is attached to this Affidavit

8 The Home is or shall be anchored to the Land by attachment to a permanent foundation, constructed in accordance with applicable state and local building codes and manufacturer s specifications in a manner sufficient to validate any applicable manufacturer's warranty, and permanently connected to appropriate residential utilities (e g water, gas, electricity, sewer) ("Permanently Affixed') The Homeowner intends that the Home be an immoveable fixture and a permanent improvement to the Land

9 The Home shall be assessed and taxed as an improvement to the Land The Homeowner understands that if the Lender does not escrow for these taxes, that the Homeowner will be responsible for payment of such taxes

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the Land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____

10 The Home is subject to the following security interests (each, a "Security Interest")

Broker Solutions Inc dba New American Funding Name of Lienholder	_____ Name of Lienholder
Address **14511 Myford Road #100** **Tustin, CA 92780**	Address
Original Principal Amount Secured $ **224,980 00**	Original Principal Amount Secured $_____

11 Homeowner agrees that as of today, or if the Home is not yet located at the Property Address, upon the delivery of the Home to the Property Address

(a) All permits required by governmental authorities have been obtained,
(b) The foundation system for the Home was designed by an engineer to meet the soil conditions of the Land All foundations are constructed in accordance with applicable state and local building codes and manufacturer's specifications in a manner sufficient to validate any applicable manufacturer's warranty,
(c) If piers are used for the Home, they will be placed where recommended by the Home manufacturer,
(d) The wheels, axles towbar or hitch were removed when the Home was placed on the Property Address, and
(e) The Home is (i) Permanently Affixed to a foundation (ii) has the characteristics of site-built housing, and (iii) is part of the Land

12 If the Homeowner is the owner of the Land, any conveyance or financing of the Home and the Land shall be a single transaction under applicable state law

13 Other than those disclosed in this Affidavit the Homeowner is not aware of (i) any other claim lien or encumbrance affecting the Home (ii) any facts or information known to the Homeowner that could reasonably affect the validity of the title of the Home or the existence or non-existence of security interests in it

14 The Homeowner hereby initials one of the following choices, as it applies to title to the Home

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____ S.C.

☐ A The Home is not covered by a certificate of title The original manufacturer's certificate of origin, duly endorsed to the Homeowner, is attached to this Affidavit, or previously was recorded in the real property records of the jurisdiction where the Home is to be located

☐ B The Home is not covered by a certificate of title After diligent search and inquiry, the Homeowner is unable to produce the original manufacturer's certificate of origin

☐ C The manufacturer's certificate of origin and/or certificate of title to the Home ☐ shall be ☐ has been eliminated as required by applicable law

☒ D The Home shall be covered by a certificate of title

15 This Affidavit is executed by Homeowner pursuant to applicable state law

This Affidavit is executed by Homeowner(s) and Lienholder(s) pursuant to applicable state law and shall be recorded in the real property records in the county in which the real property and manufactured home are located

HENRY F CALDERON — DATE 07-18-2016 (Seal)

SARA CALDERON — DATE 07-20-2016 (Seal)

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT **CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document

State of California)
County of Imperial)
On 07-20-2016 before me, Elvira Lee, Notary Public,
Date *Here Insert Name and Title of the Officer*
personally appeared Sara Calderon
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (s/are subscribed to the within instrument and acknowledged to me that ~~he/~~she/~~they~~ executed the same in ~~his~~/her/~~their~~ authorized capacity(ies), and that by ~~his~~/her/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature _____
Signature of Notary Public

ELVIRA LEE
Commission # 2051246
Notary Public California
Imperial County
My Comm Expires Jan 5 2018

Place Notary Seal Above

OPTIONAL

Though this section is optional completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document

Description of Attached Document
Title or Type of Document Manufactured Home Affidavit of Affixation Document Date 7-18-2016
Number of Pages 8 Signer(s) Other Than Named Above _____

Capacity(ies) Claimed by Signer(s)

Signer s Name _____
☐ Corporate Officer — Title(s) _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other _____
Signer Is Representing _____

Signer s Name _____
☐ Corporate Officer — Title(s) _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other _____
Signer Is Representing _____

©2014 National Notary Association www NationalNotary org 1-800-US NOTARY (1-800-876-6827) Item #5907

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

State of ~~CALIFORNIA~~ TEXAS
County of ~~IMPERIAL~~ EL PASO

On 07/18/2016, before me, JERRY JARVIS, NOTARY PUBLIC
NOTARY Public (here insert name and title of the officer), personally appeared HENRY F CALDERON AND ~~SARA CALDERON~~, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature _____
JERRY JARVIS (NOTARY)

(SEAL)
JERRY JARVIS
NOTARY PUBLIC
STATE OF TEXAS
MY COMM EXP 02 10 2017
COMM # 00122002-0

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the Land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____

IN WITNESS WHEREOF Lender being duly sworn on oath intends that the Home be and remain Permanently Affixed to the Land and that the Home be an immoveable fixture and not as personal property

Broker Solutions Inc dba New American Funding a Corporation

_____

Lender

Cory Gonsowski

_____

By Authorized Signature

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the Land described herein and is to be filed for record in the records where conveyances of real estate are recorded.

Initials _____

LOAN # 190016072298

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document

State of ~~CALIFORNIA~~ TEXAS
County of ~~IMPERIAL~~ EL PASO

On 07/18/2016, before me, JERRY JARVIS, NOTARY PUBLIC
NOTARY PUBLIC (here insert name and title of the officer),
personally appeared HENRY F CALDERON

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature _____

JERRY JARVIS (NOTARY)

(SEAL)
NOTARY PUBLIC STATE OF TEXAS
JERRY JARVIS
NOTARY PUBLIC
STATE OF TEXAS
MY COMM EXP 02 10 2017
COMM # 00122002-0

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the Land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____

GOVERNMENT CODE 27361.7

I certify under penalty of perjury that the notary seal on the document to which this statement is attached reads as follows

Name of Notary ELVIRA LEE

Commission No 2051246 **Commission Expires** 01/05/2018

Manufacturer or Vendor Number NNA 1

(Located on both sides of the notary seal border)

County of Commission IMPERIAL COUNTY

State of Commission CALIFORNIA

Signature _____ - First American Title Insurance Co

Nancy Vilavanh

Place of Execution San Diego, California

Date 07/21/2016

LOAN # 190016072298

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness, accuracy, or validity of that document

State of CALIFORNIA
County of ~~IMPERIAL~~ Orange

On July 25, 2016, before me, Max Jerome Graef Notary Public
Cori Gonsowski (here insert name and title of the officer),
personally appeared ~~HENRY F CALDERON AND SARA CALDERON~~, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature _____

_____ (NOTARY)

(SEAL)

MAX JEROME GRAEF
Commission # 2047029
Notary Public California
Orange County
My Comm Expires Oct 26 2017

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the Land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____

IN WITNESS WHEREOF Lender being duly sv orn on oath intends that the Home be and remain Permanently Affixed to the Land and that the Home be an immoveable fixture and not as personal property

Broker Solutions Inc dba New American Funding a Corporation

Lender

Cory Gonsowski

By Authorized Signature

ATTENTION COUNTY CLERK This instrument covers goods that are or are to become fixtures on the Land described herein and is to be filed for record in the records where conveyances of real estate are recorded

Initials _____