



Date: December 11, 2021 **Time:** 17:03:02 UTC **Employee:** CW

Job Name: CA Salton Sea **Point ID:** GCP_049

State: California **Latitude:** 33 02 13.80703 **Longitude:** -115 41 16.91790

Address and/or Intersection: Trifolium Drain 2 and CA-86 E

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 17:03:02 UTC		End Time: 23:48:47 UTC		
<input type="radio"/>	Conventional Pairs VRS	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Conventional Pairs STATIC	Point Number: _____	RMS: _____	H: _____	V: _____	Duration: _____
<input type="radio"/>	Occupied Point	Pt.# / HT: _____ / _____	B.S	Pt.# / HT: _____ / _____	F.S.	Pt.# / HT: _____ / _____
<input type="radio"/>	Back Sight Point	Distance: _____	Vertical Angle: _____	Angle: _____		
<input type="radio"/>	F.S. Point	Angle: _____	Vertical Angle: _____	Slope Dist: _____	Horizontal Dist: _____	

TYPE OF SURFACE

- PAVEMENT
- VEGETATION
- BARE SOIL
- NGS CONTROL

PICTURES

- Photos of area & setup

POINT RE-CHECK

Date: _____

Time: _____

Pt ID: _____

Description: _____

Sketch or Image of Area





POINT ID: GCP_049

MONUMENT PHOTO



**Control
GCP_049
Pavement**



POINT ID: GCP_049

NORTH PHOTO



**Control
GCP_049
Pavement**



POINT ID: GCP_049

EAST PHOTO





POINT ID: GCP_049
SOUTH PHOTO



**Control
GCP_049
Pavement**



POINT ID: GCP_049

WEST PHOTO



**Control
GCP_049
Pavement**



RINEX FILE: c032345r.21o

TIME: 16:32:31 UTC

SOFTWARE: page5 2008.25 master277.pl 16032 START: 2021/12/11 17:03:00
 EPHEMERIS: igr21876.eph [rapid] STOP: 2021/12/11 23:48:00
 NAV FILE: brdc3450.21n OBS USED: 15652 / 16305 : 96%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 76 / 83 : 92%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.012(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9448)

X: -2320003.564(m) 0.006(m) -2320004.589(m) 0.006(m)
 Y: -4823189.157(m) 0.006(m) -4823187.688(m) 0.006(m)
 Z: 3457367.647(m) 0.004(m) 3457367.583(m) 0.004(m)

LAT: 33 02 13.80703 0.006(m) 33 2 13.82086 0.006(m)
 E LON: 244 18 43.08210 0.003(m) 244 18 43.02198 0.003(m)
 W LON: 115 41 16.91790 0.003(m) 115 41 16.97802 0.003(m)
 EL HGT: -86.971(m) 0.006(m) -87.743(m) 0.006(m)
 ORTHO HGT: -52.568(m) 0.052(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3656172.251	596682.182
Easting (X) [meters]	622511.477	2052493.653
Convergence [degrees]	0.71535000	0.30881111
Point Scale	0.99978506	0.99996748
Combined Factor	0.99979871	0.99998113

US NATIONAL GRID DESIGNATOR: 11SPS2251156172(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN7481	USGC USGC_SCGN_CS1998 CORS ARP	N330148.216	W1160507.157	37123.0
DH8055	GLRS GLRS_SCGN_CS1999 CORS ARP	N331629.309	W1153116.890	30600.3
DN7401	P494 WESTSIDEESCS2005 CORS ARP	N324534.739	W1154355.389	31051.5

NEAREST NGS PUBLISHED CONTROL POINT

DW0520	EDGE RM 3	N330215.853	W1154133.464	433.9
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