



Date: December 14, 2021 **Time:** 18:14:37 UTC **Employee:** CW

Job Name: CA Salton Sea **Point ID:** GCP_011

State: California **Latitude:** 32 46 31.52309 **Longitude:** -115 45 41.99177

Address and/or Intersection: Along Jeffery Rd, north of I-8

OBSERVATION METHOD

| | | | | | | |
|----------------------------------|---------------------------|---------------------------------|-----------------------|-------------------------------|------------------------|--------------------------|
| <input type="radio"/> | VRS GNSS | H RMS: | V RMS: | Duration: | | |
| <input checked="" type="radio"/> | STATIC GNSS | Start Time: 18:14:37 UTC | | End Time: 23:14:32 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_011

MONUMENT PHOTO



**Control
GCP_011
Bare Earth**



POINT ID: GCP_011

NORTH PHOTO





POINT ID: GCP_011

EAST PHOTO



Control
GCP_011
Bare Earth



POINT ID: GCP_011
SOUTH PHOTO





POINT ID: GCP_011

WEST PHOTO



**Control
GCP_011
Bare Earth**



RINEX FILE: c052348s.21o

TIME: 15:30:11 UTC

SOFTWARE: page5 2008.25 master295.pl 16032 START: 2021/12/14 18:15:00
 EPHEMERIS: igr21882.eph [rapid] STOP: 2021/12/14 23:14:00
 NAV FILE: brdc3480.21n OBS USED: 11512 / 12037 : 96%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 49 / 62 : 79%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.015(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9531)

X: -2333069.087(m) 0.013(m) -2333070.190(m) 0.013(m)
 Y: -4834437.397(m) 0.012(m) -4834435.885(m) 0.012(m)
 Z: 3433019.278(m) 0.010(m) 3433019.222(m) 0.010(m)

LAT: 32 46 31.52309 0.001(m) 32 46 31.53709 0.001(m)
 E LON: 244 14 18.00823 0.007(m) 244 14 17.94480 0.007(m)
 W LON: 115 45 41.99177 0.007(m) 115 45 42.05520 0.007(m)
 EL HGT: -45.796(m) 0.018(m) -46.568(m) 0.018(m)
 ORTHO HGT: -11.475(m) 0.055(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

| | | |
|-----------------------|-------------|-------------|
| Northing (Y) [meters] | 3627069.307 | 567620.050 |
| Easting (X) [meters] | 615976.096 | 2045751.692 |
| Convergence [degrees] | 0.67044444 | 0.26835000 |
| Point Scale | 0.99976585 | 1.00000133 |
| Combined Factor | 0.99977304 | 1.00000852 |

US NATIONAL GRID DESIGNATOR: 11SPS1597627069(NAD 83)

BASE STATIONS USED

| PID | DESIGNATION | LATITUDE | LONGITUDE | DISTANCE(m) |
|--------|-----------------------|----------|--------------------------|-------------|
| DN7401 | P494 WESTSIDEESCS2005 | CORS ARP | N324534.739 W1154355.389 | 3279.8 |
| DH4519 | P066 JACUMBAAP_CS2004 | CORS ARP | N323659.475 W1161011.188 | 42143.3 |
| DN7404 | P500 ALLAMERICNCS2005 | CORS ARP | N324124.153 W1151759.705 | 44304.8 |

NEAREST NGS PUBLISHED CONTROL POINT

| | | | |
|--------|------------|--------------------------|-------|
| DB0338 | 69 2 C IID | N324616.000 W1154611.000 | 893.7 |
|--------|------------|--------------------------|-------|