



Dewberry® GROUND CONTROL POINT DOCUMENTATION REPORT

Date: December 13, 2021 **Time:** 15:25:43 UTC **Employee:** CW

Job Name: CA Salton Sea **Point ID:** GCP_017

State: California **Latitude:** 32 51 20.34000 **Longitude:** -115 34 05.99354

Address and/or Intersection: Winchester Ln. Cul-de-sac

OBSERVATION METHOD

<input type="radio"/>	VRS GNSS	H RMS:	V RMS:	Duration:		
<input checked="" type="radio"/>	STATIC GNSS	Start Time: 15:25:43 UTC		End Time: 19:47:30 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_017

MONUMENT PHOTO



Control
GCP_017
Pavement



POINT ID: GCP_017

NORTH PHOTO



**Control
GCP_017
Pavement**



POINT ID: GCP_017

EAST PHOTO



**Control
GCP_017
Pavement**



POINT ID: GCP_017

SOUTH PHOTO





POINT ID: GCP_017

WEST PHOTO



**Control
GCP_017
Pavement**



RINEX FILE: c043347p.21o

TIME: 20:25:23 UTC

SOFTWARE: page5 2008.25 master255.pl 16032 START: 2021/12/13 15:26:00
 EPHEMERIS: igr21881.eph [rapid] STOP: 2021/12/13 19:47:00
 NAV FILE: brdc3470.21n OBS USED: 9135 / 9827 : 93%
 ANT NAME: TPSHIPER_SR NONE # FIXED AMB: 88 / 91 : 97%
 ARP HEIGHT: 02.000 OVERALL RMS: 0.015(m)

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.9500)

X: -2314659.196(m) 0.018(m) -2314660.258(m) 0.018(m)
 Y: -4837926.870(m) 0.016(m) -4837925.399(m) 0.016(m)
 Z: 3440492.413(m) 0.010(m) 3440492.337(m) 0.010(m)

LAT: 32 51 20.34000 0.009(m) 32 51 20.35321 0.009(m)
 E LON: 244 25 54.00646 0.015(m) 244 25 53.94518 0.015(m)
 W LON: 115 34 05.99354 0.015(m) 115 34 6.05482 0.015(m)
 EL HGT: -53.616(m) 0.018(m) -54.387(m) 0.018(m)
 ORTHO HGT: -19.014(m) 0.055(m) [NAVD88 (Computed using GEOID18)]

UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 11) SPC (0406 CA 6)

Northing (Y) [meters]	3636192.611	576618.702
Easting (X) [meters]	633963.639	2063806.469
Convergence [degrees]	0.77683056	0.37458889
Point Scale	0.99982128	0.99998875
Combined Factor	0.99982970	0.99999717

US NATIONAL GRID DESIGNATOR: 11SPS3396336192(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE	DISTANCE(m)
DN7404	P500 ALLAMERICNCS2005	CORS ARP	N324124.153 W1151759.705	31140.5
DH8055	GLRS GLRS_SCGN_CS1999	CORS ARP	N331629.309 W1153116.890	46692.9
DN7481	USGC USGC_SCGN_CS1998	CORS ARP	N330148.216 W1160507.157	52071.9

NEAREST NGS PUBLISHED CONTROL POINT

DB0663	R 611	N325141.000 W1153352.000	733.1
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