COORDENADAS UTM LÍNEA DE CONDUCCIÓN

OBRA	PUNTO	DATUM	ZONA	BANDA	ESTE (X)	NORTE (Y)
CARCAMO	1	WGS 84	14	Q	1904956.83	608794.682
	2	WGS 84	14	Q	1904963.862	608797.43
	3	WGS 84	14	Q	1904968.35	608798.9
	4	WGS 84	14	Q	1904975.866	608801.87
	5	WGS 84	14	Q	1904996.27	608809.999
	6	WGS 84	14	Q	1905003.922	608812.979
	7	WGS 84	14	Q	1905017.647	608818.313
	8	WGS 84	14	Q	1905030.319	608823.369
	9	WGS 84	14	Q	1905040.844	608827.464
	10	WGS 84	14	Q	1905063.78	608852.534
	11	WGS 84	14	Q	1905089.952	608879.389
	12	WGS 84	14	Q	1905099.063	608885.08
	13	WGS 84	14	Q	1905105.949	608889.537
	14	WGS 84	14	Q	1905120.699	608895.22
	15	WGS 84	14	Q	1905122.863	608897.997
	16	WGS 84	14	Q	1905132.924	608907.488
	17	WGS 84	14	Q	1905140.017	608909.342
	18	WGS 84	14	Q	1905146.071	608909.642
	19	WGS 84	14	Q	1905155.671	608906.218
	20	WGS 84	14	Q	1905206.447	608944.754
	21	WGS 84	14	Q	1905235.298	608974.15
	22	WGS 84	14	Q	1905268.307	609003.862
	23	WGS 84	14	Q	1905336.522	608989.178
	24	WGS 84	14	Q	1905412.309	608967.788
	25	WGS 84	14	Q	1905461.945	609008.124
	26	WGS 84	14	Q	1905504.519	609029.414
	27	WGS 84	14	Q	1905576.66	609056.265

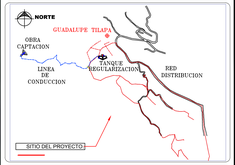
COORDENADAS UTM RED DE DISTRIBUCIÓN 2

OBRA	PUNTO	DATUM	ZONA	BANDA	ESTE (X)	NORTE (Y)
TANQUE	1	WGS 84	14	Q	607139.08	1897167.95
RED DE DISTRIBUCIÓN 2	93	WGS 84	14	Q	607154.99	1897235.2
	94	WGS 84	14	Q	607178.9	1897260.6
	95	WGS 84	14	Q	607209.86	1897273.66
	96	WGS 84	14	Q	607275.84	1897307.15
	97	WGS 84	14	Q	607326.84	1897307.78
	98	WGS 84	14	Q	607334.02	1897297.75
	99	WGS 84	14	Q	607374.02	1897257.13
	100	WGS 84	14	Q	607423.73	1897187.57
	101	WGS 84	14	Q	607474.25	1897108.51
	102	WGS 84	14	Q	607507.34	1897106.91
	103	WGS 84	14	Q	607554.15	1897105.49
	104	WGS 84	14	Q	607561.93	1897102.54
	105	WGS 84	14	Q	607629.32	1897071.25
	106	WGS 84	14	Q	607653.98	1897053.79
	107	WGS 84	14	Q	607687.32	1897003.73
	108	WGS 84	14	Q	607710.8	1896968.44
	109	WGS 84	14	Q	607733.61	1896939.35
	110	WGS 84	14	Q	607765.34	1896908.89
	111	WGS 84	14	Q	607800.19	1896881.17
	112	WGS 84	14	Q	607890.36	1896806.07
	113	WGS 84	14	Q	607916.04	1896796.58
	114	WGS 84	14	Q	607935.64	1896786.63
	115	WGS 84	14	Q	608077.06	1896721.74
	116	WGS 84	14	Q	608094.02	1896712.53
	117	WGS 84	14	Q	608178.58	1896672.04
	118	WGS 84	14	Q	608186.06	1896625.28
	119	WGS 84	14	Q	608191.94	1896539.45
	120	WGS 84	14	Q	608196.49	1896483.37
	121	WGS 84	14	Q	608209.37	1896419.6
	122	WGS 84	14	Q	608222.33	1896361.8
	123	WGS 84	14	Q	608259.04	1896237.97
	124	WGS 84	14	Q	608256.05	1896160.27
	125	WGS 84	14	Q	608252.78	1896153.51
	126	WGS 84	14	Q	608236.59	1896093.33
	127	WGS 84	14	Q	608235.84	1896078.4
	128	WGS 84	14	Q	607243.85	1897224.43
	129	WGS 84	14	Q	607275.71	1897180.6
	130	WGS 84	14	Q	607196.08	1897295.67
	131	WGS 84	14	Q	607243.94	1897316.66
	132	WGS 84	14	Q	607115.04	1897243.68
	133	WGS 84	14	Q	607052.07	1897251.65
	134	WGS 84	14	Q	607102.4	1897295.36
	135	WGS 84	14	Q	607119.07	1897305.91
	136	WGS 84	14	Q	607157.07	1897329.18

COORDENADAS UTM RED DE DISTRIBUCIÓN 1

OBRA	PUNTO	DATUM	ZONA	BANDA	ESTE (X)	NORTE (Y)
TANQUE	1	WGS 84	14	Q	607139.08	1897167.95
	2	WGS 84	14	Q	607135.98	1897170.39
	3	WGS 84	14	Q	607125.88	1897171.09
	4	WGS 84	14	Q	607102.57	1897152.6
	5	WGS 84	14	Q	607087.85	1897140.05
	6	WGS 84	14	Q	607056.18	1897112.97
	7	WGS 84	14	Q	607042.02	1897074.93
	8	WGS 84	14	Q	607030.48113	1897064.488
	9	WGS 84	14	Q	607043.88	1897044.97
	10	WGS 84	14	Q	607067.32	1896995.97
	11	WGS 84	14	Q	607088.57	1896948.17
	12	WGS 84	14	Q	607110.0399	1896922.281
	13	WGS 84	14	Q	607132.9823	1896914.374
	14	WGS 84	14	Q	607237.7656	1896968.529
	15	WGS 84	14	Q	607286.21	1896979.51
	16	WGS 84	14	Q	607316.3137	1896980.202
	17	WGS 84	14	Q	607353.55	1896973.79
	18	WGS 84	14	Q	607336.68	1896949.46
	19	WGS 84	14	Q	607317.55	1896927.67
	20	WGS 84	14	Q	607316.51	1896920.14
	21	WGS 84	14	Q	607320.76	1896901.38
	22	WGS 84	14	Q	607336.08	1896880.39
	23	WGS 84	14	Q	607356.28	1896863.36
	24	WGS 84	14	Q	607372.05	1896858.15
	25	WGS 84	14	Q	607382.61	1896791.68
	26	WGS 84	14	Q	607414.97	1896702.66
	27	WGS 84	14	Q	607556.52	1896691.25
	28	WGS 84	14	Q	607586.51	1896710.53
	29	WGS 84	14	Q	607623.45	1896664.03
	30	WGS 84	14	Q	607643.97	1896646.21
	31	WGS 84	14	Q	607664.56	1896513.68
	32	WGS 84	14	Q	607698.81	1896486.87
	33	WGS 84	14	Q	607691.94	1896483.85
	34	WGS 84	14	Q	607708.97	1896466.58
	35	WGS 84	14	Q	607764.15	1896428.34
	36	WGS 84	14	Q	607767.69	1896421.72
	37	WGS 84	14	Q	607766.29	1896405.11
	38	WGS 84	14	Q	607791.46	1896351.03
	39	WGS 84	14	Q	607802.73	1896331.75
	40	WGS 84	14	Q	607851.32	1896378.12
	41	WGS 84	14	Q	607905.54	1896380.83
	42	WGS 84	14	Q	607901.98	1896371.96
	43	WGS 84	14	Q	607904.02	1896349.07
	44	WGS 84	14	Q	607897.81	1896335.98
	45	WGS 84	14	Q	607874.46	1896285.08
	46	WGS 84	14	Q	607876.37	1896245.83
	47	WGS 84	14	Q	607877.83	1896243.69
	48	WGS 84	14	Q	607904.77	1896184.43
	49	WGS 84	14	Q	607908.4	1896161.93
	50	WGS 84	14	Q	607946.07	1896219.95
	51	WGS 84	14	Q	607969.53	1896229.25
	52	WGS 84	14	Q	607982.23	1896202.1
	53	WGS 84	14	Q	608001.43	1896172.55
	54	WGS 84	14	Q	608015.51	1896160.34
	55	WGS 84	14	Q	608039.75	1896130.57
	56	WGS 84	14	Q	607920.39	1896329.02
	57	WGS 84	14	Q	607936.5	1896351.91
	58	WGS 84	14	Q	607996.13	1896330.85
	59	WGS 84	14	Q	607997.33	1896323.78
	60	WGS 84	14	Q	607961.48	1896269.55
	61	WGS 84	14	Q	607575.28	1896896.71
	62	WGS 84	14	Q	607598.21	1896941.05
	63	WGS 84	14	Q	607619.42	1896926.64
	64	WGS 84	14	Q	607636.41	1896920.06
	65	WGS 84	14	Q	607651.91	1896902.88
	66	WGS 84	14	Q	607669.13	1896890.53
	67	WGS 84	14	Q	607514.48	1896892.47
	68	WGS 84	14	Q	607579.81	1896887.38
	69	WGS 84	14	Q	607619.41	1896863.73
	70	WGS 84	14	Q	607634.1	1896836.84
	71	WGS 84	14	Q	607671.64	1896819.03
	72	WGS 84	14	Q	607702.07	1896759.25
	73	WGS 84	14	Q	607765.6	1896767.3
	74	WGS 84	14	Q	607808.57	1896663.53
	75	WGS 84	14	Q	607908.34	1896623.11
	76	WGS 84	14	Q	607952.78	1896615.26
	77	WGS 84	14	Q	608005.56	1896616.77
	78	WGS 84	14	Q	608045.27	1896593.76
	79	WGS 84	14	Q	608061.02	1896566.13
	80	WGS 84	14	Q	608097.13	1896531.57
	81	WGS 84	14	Q	607639.16	1896900.34
	82	WGS 84	14	Q	607622.43	1896942.01
	83	WGS 84	14	Q	607595.1	1896951.12
	84	WGS 84	14	Q	607606	1896994.35
	85	WGS 84	14	Q	607565.48	1897001.62
	86	WGS 84	14	Q	607619.4828	1896855.997
	87	WGS 84	14	Q	607628.96	1896794.57
	88	WGS 84	14	Q	607629.27	1896744.86
	89	WGS 84	14	Q	607674.1	1896716.42
	90	WGS 84	14	Q	607711.16	1896682.87
	91	WGS 84	14	Q	607719.75	1897208.98
	92	WGS 84	14	Q	607058.15	1897259.83

CROQUIS DE MICRO-LOCALIZACION



UBICACIÓN:
LOCALIDAD GUADALUPE TILAPA, MUNICIPIO SANTIAGO JUXTLAHUACA, OAXACA, C.P. 69700.
COORDENADAS: 17°09'29.834"N, 97°59'15.387"W

SIMBOLOGÍA

RED 1
TUBERIA PEAD DE 1 1/2" Ø RD-15.5 (100.00 KG/CM2)

RED 2
TUBERIA PEAD DE 1 1/2" Ø RD-15.5 (100.00 KG/CM2)

N: NOMBRE DE NODO
C.P.: COTA PIEZOMÉTRICA
T.N.: TERRENO NATURAL
C.D.: CARGA DISPONIBLE

CAJA ROMPEDORA DE PRESION (C.R.P.)

NUMERO DE NODO (50)

DATOS DEL PROYECTO.

CONCEPTO	CANTIDAD	UNIDAD
POBLACIÓN ACTUAL (2024)	623	HAB.
POBLACIÓN DE PROYECTO (2034)	555	HAB.
PERIODO ECONÓMICO DE PROYECCIÓN	10	AÑOS
DOTACION	100	LTS./HAB./DIA
GASTO MEDIO	0.44	L.P.S.
GASTO MEDIO DIARIO	0.64	L.P.S.
GASTO MAXIMO DIARIO	0.90	L.P.S.
GASTO MÁXIMO HORARIO	1.40	L.P.S.
COEFICIENTE DE VARIACION DIARIA	1.40	
COEFICIENTE DE VARIACION HORARIA	1.55	
GASTO DE LA FUENTE	5.44	L.P.S.
FUENTE DE ABASTECIMIENTO	MANANTIAL	
TIPO DE CAPTACION	CAJA COLECTORA	
COEFICIENTE DE REGULACION	14.58	
CAPACIDAD DE TANQUE DE REGULACIÓN	15 M3	

GOBIERNO DE JUXTLAHUACA 2022 - 2024

SANTIAGO JUXTLAHUACA OAXACA

PROYECTO:
"AMPLIACIÓN DEL SISTEMA DE AGUA POTABLE EN LA LOCALIDAD TILAPA, MUNICIPIO SANTIAGO JUXTLAHUACA "

H. AYUNTAMIENTO CONSTITUCIONAL DE "SANTIAGO JUXTLAHUACA".

ESTADO: (020) OAXACA
DISTRITO: (008) JUXTLAHUACA,
REGIÓN: (004) MIXTECA.

MUNICIPIO: (469) SANTIAGO JUXTLAHUACA.
LOCALIDAD: (0041) TILAPA.

POR LA AUTORIDAD MUNICIPAL

C.LIC.ARSENIO LORENZO MEJIA GARCIA
PRESIDENTE MUNICIPAL CONSTITUCIONAL

ING.VICTOR JAVIER CRUZ HERNANDEZ
DIRECTOR RESPONSABLE DE OBRA.
CED. PROF. 6472958 D.R.O. A-2417-I

ING.RAMIRO DANIEL PERALTA ROBLES
PROYECTISTA. CED. PROF. 8352247

PLANO:
PLANO GEORREFERNCIADO (INTERFAZ GOOGLE EARTH)

ESCALA:	1:1000	Nº DE PLANO PARTICULAR:	01 de 01
FECHA:	MAYO DE 2024	Nº DE PLANO GENERAL:	10 de 10