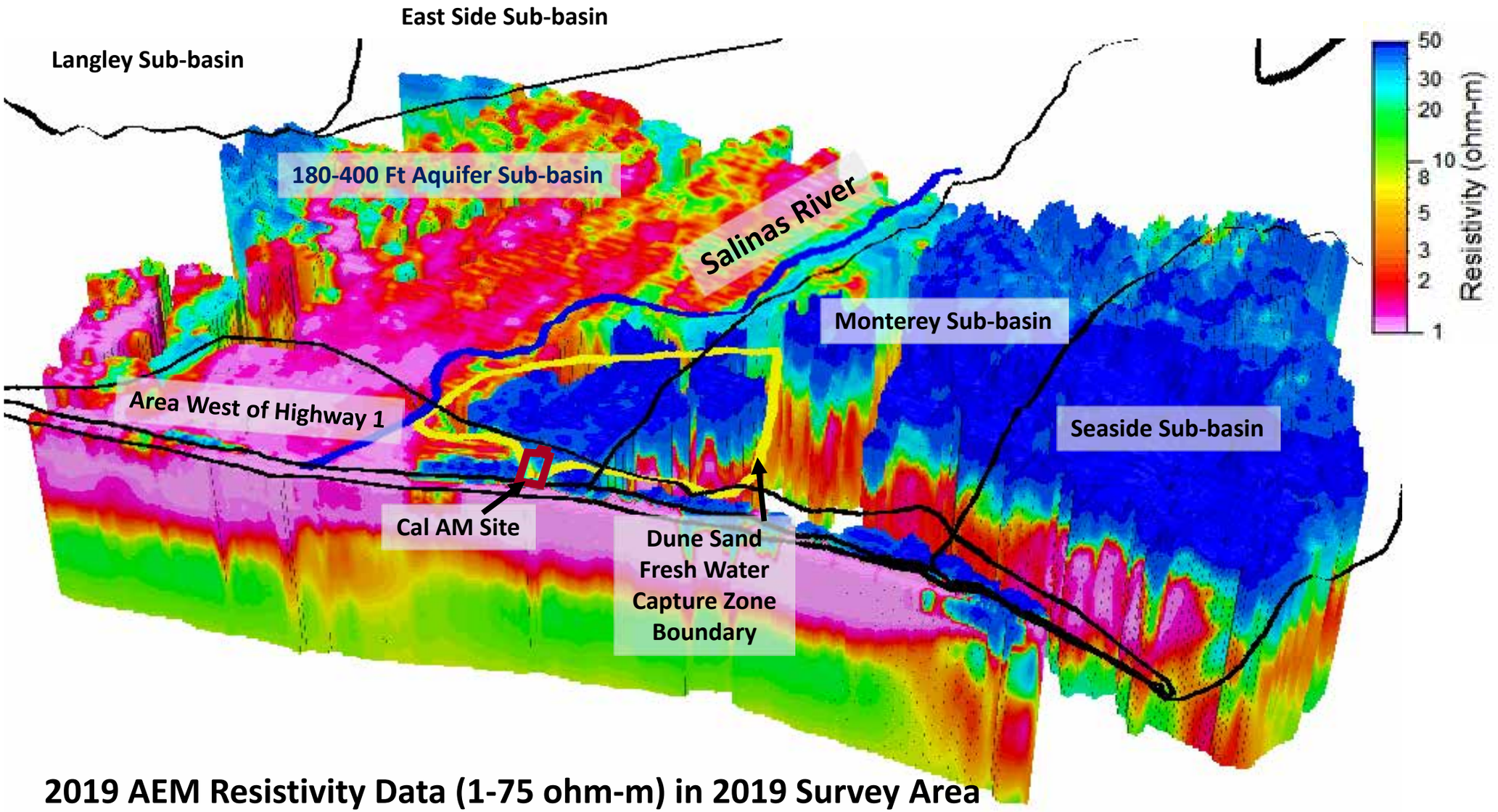
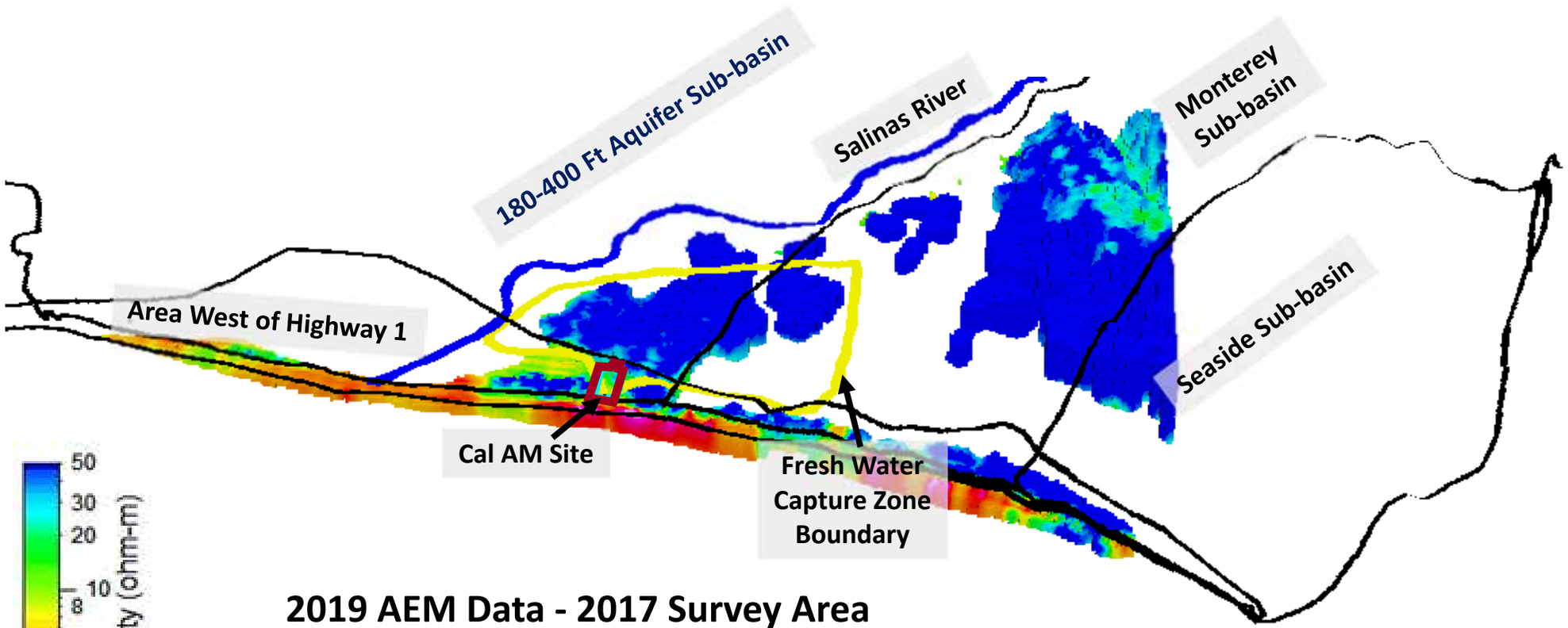


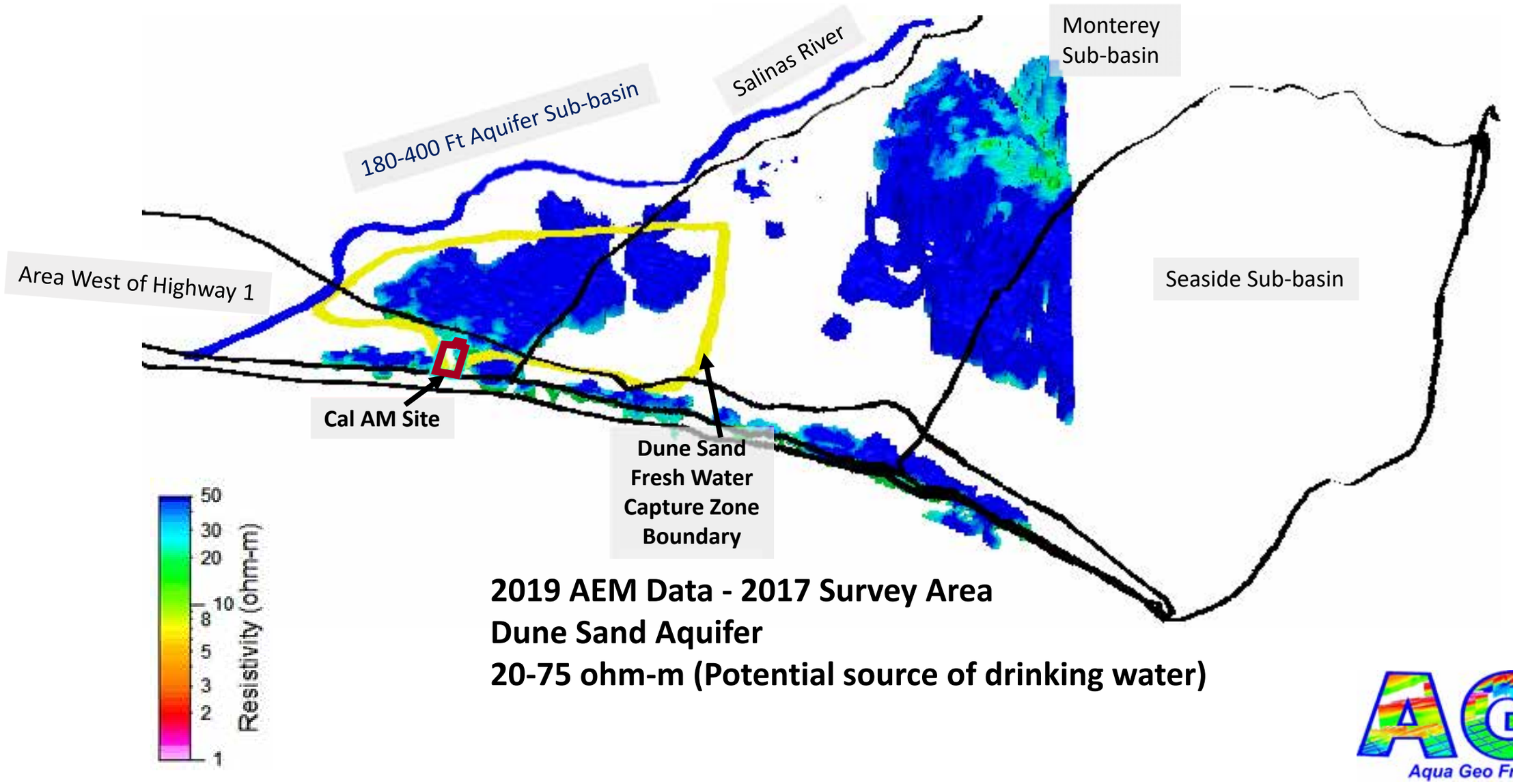
2019 AEM Resistivity Data (1-75 ohm-m) in 2019 Survey Area
Full 3D Voxel
Depth: Surface to -375 m (1,230 ft)

AGF
Aqua Geo Frameworks



2019 AEM Data - 2017 Survey Area
Dune Sand Aquifer

AGF
Aqua Geo Frameworks

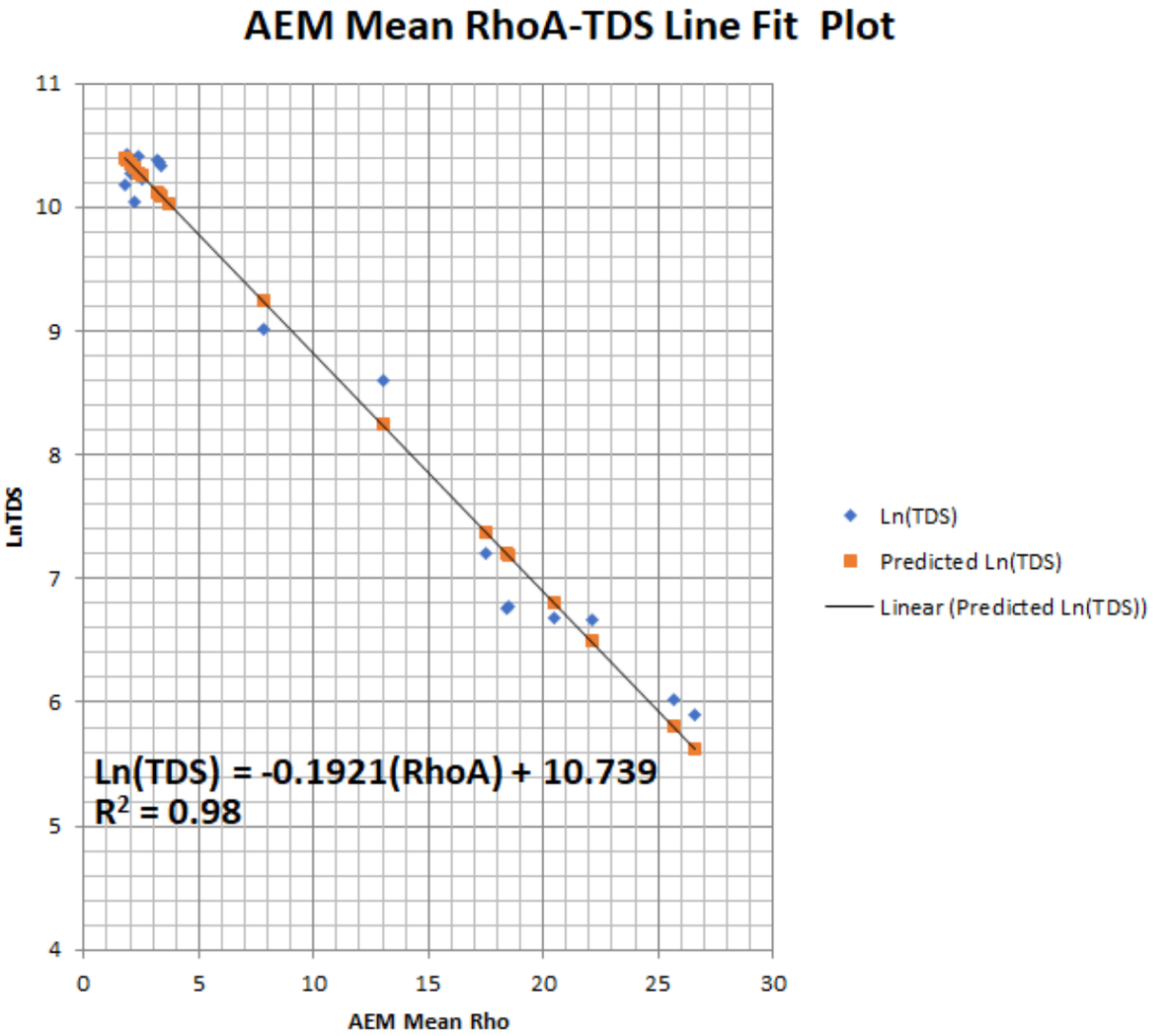


2019 AEM Data - 2017 Survey Area
Dune Sand Aquifer
20-75 ohm-m (Potential source of drinking water)

AGF
Aqua Geo Frameworks

Fitting 2019 AEM Inverted Resistivity to TDS Levels

HoleID	TDS (mg/L)	Ln(TDS)	SC (µS/cm)	AEM Mean RhoA (ohm-m)	AEM TDS (mg/L)
MCWD-29	410	6.016	6590	25.7	331
MCWD-31	365	5.900	5840	26.6	278
MW-1D	30700	10.332	44580	3.4	24001
MW-1M	33600	10.422	50580	1.9	32017
MW-1S	33200	10.410	50930	2.4	29084
MW-3D	31800	10.367	44700	3.3	24467
MW-3M	26400	10.181	41510	1.8	32638
MW-4D	32400	10.386	40300	3.2	24941
MW-4M	22900	10.039	33810	2.2	30224
MW-4S	8200	9.012	12480	7.8	10307
MW-5S	1350	7.208	2544	17.5	1599
MW-6M	871	6.770	1390	18.5	1320
MW-7D	27700	10.229	38970	2.5	28531
MW-7M	5440	8.602	7686	13	3796
MW-8M	22600	10.026	31970	3.7	22657
MW-9M	29000	10.275	44462	2	31407
RYAN RANCH 07	860	6.757	1400	18.4	1345
RYAN RANCH 08	800	6.685	1400	20.5	899
York School 2001	783	6.663	1252	22.1	661
Well No. 1	1020	6.928		16.9	1795

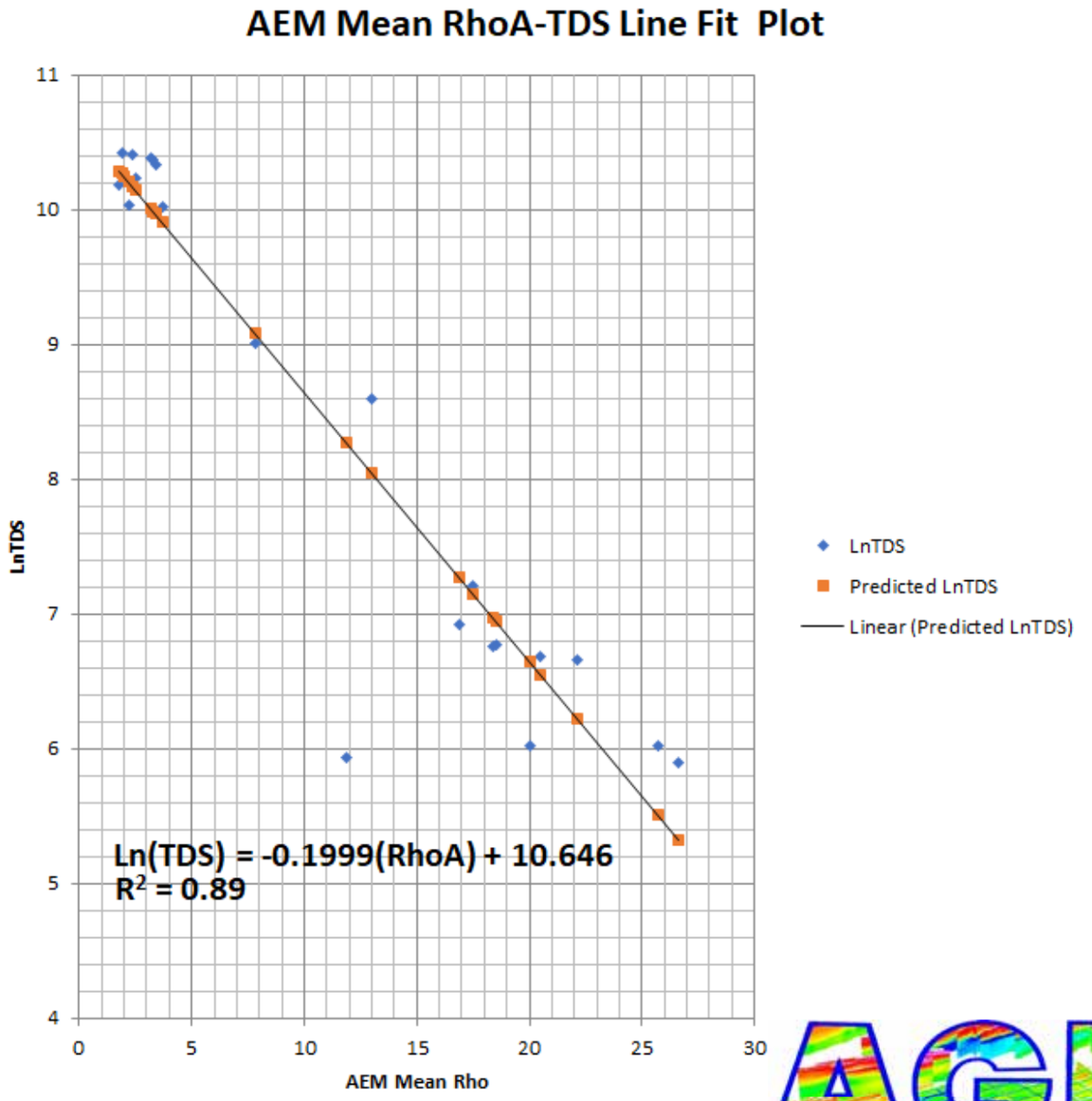


Aqua Geo Frameworks

Fitting 2019 AEM Inverted Resistivity to TDS Levels Including MCWD-30, MCWD-34

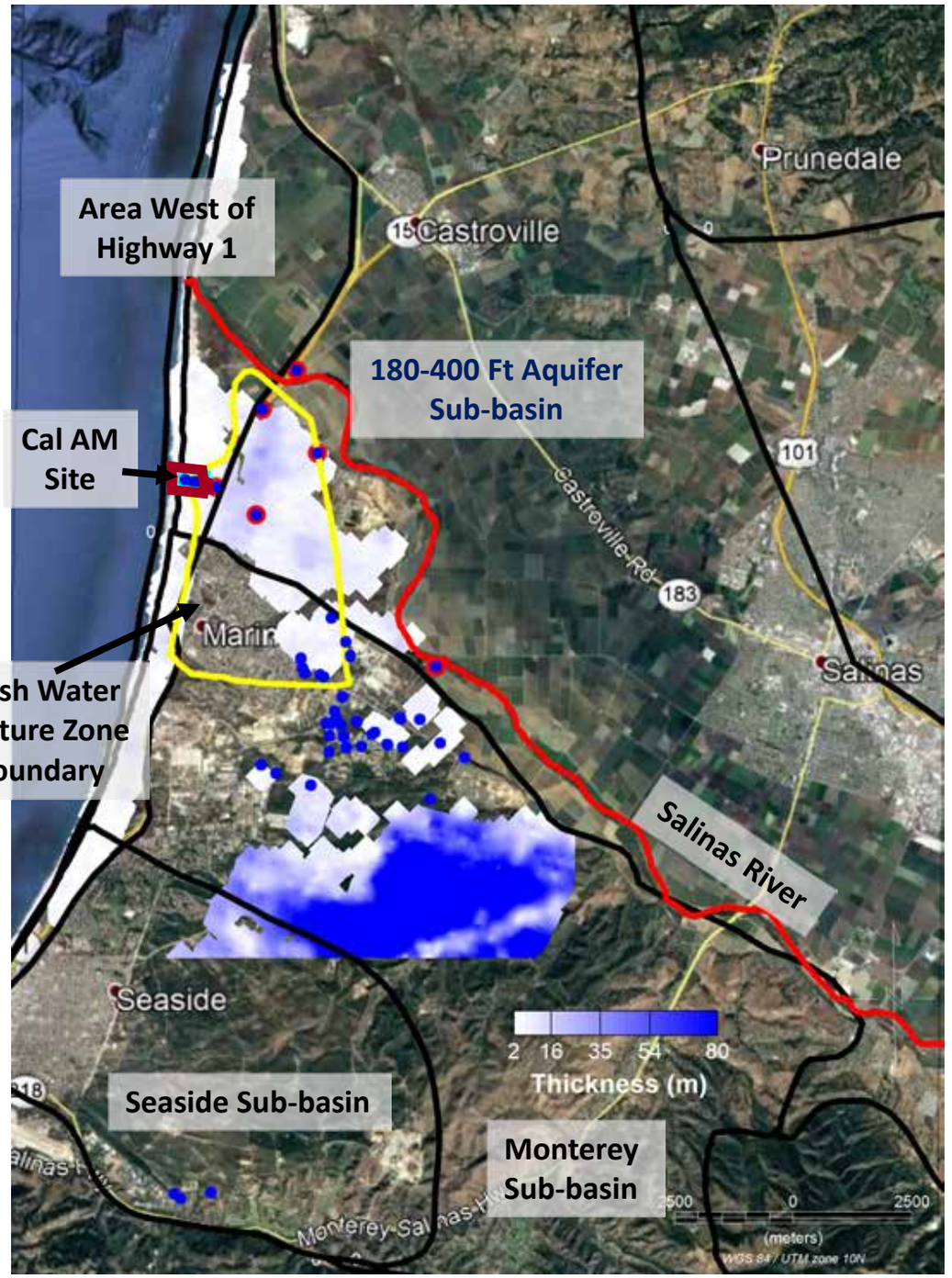
HoleID	TDS (mg/L)	Ln(TDS)	SC (µS/cm)	AEM Mean RhoA (ohm-m)	AEM TDS (mg/L)
MCWD-29	410	6.016	6590	25.7	247
MCWD-30	410	6.016	6340	20	771
MCWD-31	365	5.900	5840	26.6	206
MCWD-34	380	5.940	590	11.9	3894
MW-1D	30700	10.332	44580	3.4	21297
MW-1M	33600	10.422	50580	1.9	28744
MW-1S	33200	10.410	50930	2.4	26010
MW-3D	31800	10.367	44700	3.3	21727
MW-3M	26400	10.181	41510	1.8	29325
MW-4D	32400	10.386	40300	3.2	22166
MW-4M	22900	10.039	33810	2.2	27071
MW-4S	8200	9.012	12480	7.8	8838
MW-5S	1350	7.208	2544	17.5	1271
MW-6M	871	6.770	1390	18.5	1041
MW-7D	27700	10.229	38970	2.5	25495
MW-7M	5440	8.602	7686	13	3125
MW-8M	22600	10.026	31970	3.7	20058
MW-9M	29000	10.275	44462	2	28175
RYAN RANCH 07	860	6.757	1400	18.4	1062
RYAN RANCH 08	800	6.685	1400	20.5	698
York School 2001	783	6.663	1252	22.1	507
Well No. 1	1020	6.928		16.9	1433

If RhoA = ~23.6 ohm-m for MCWD-34, then AEM TDS = 376 mg/L
Likely Interference by Clay content in the Volume



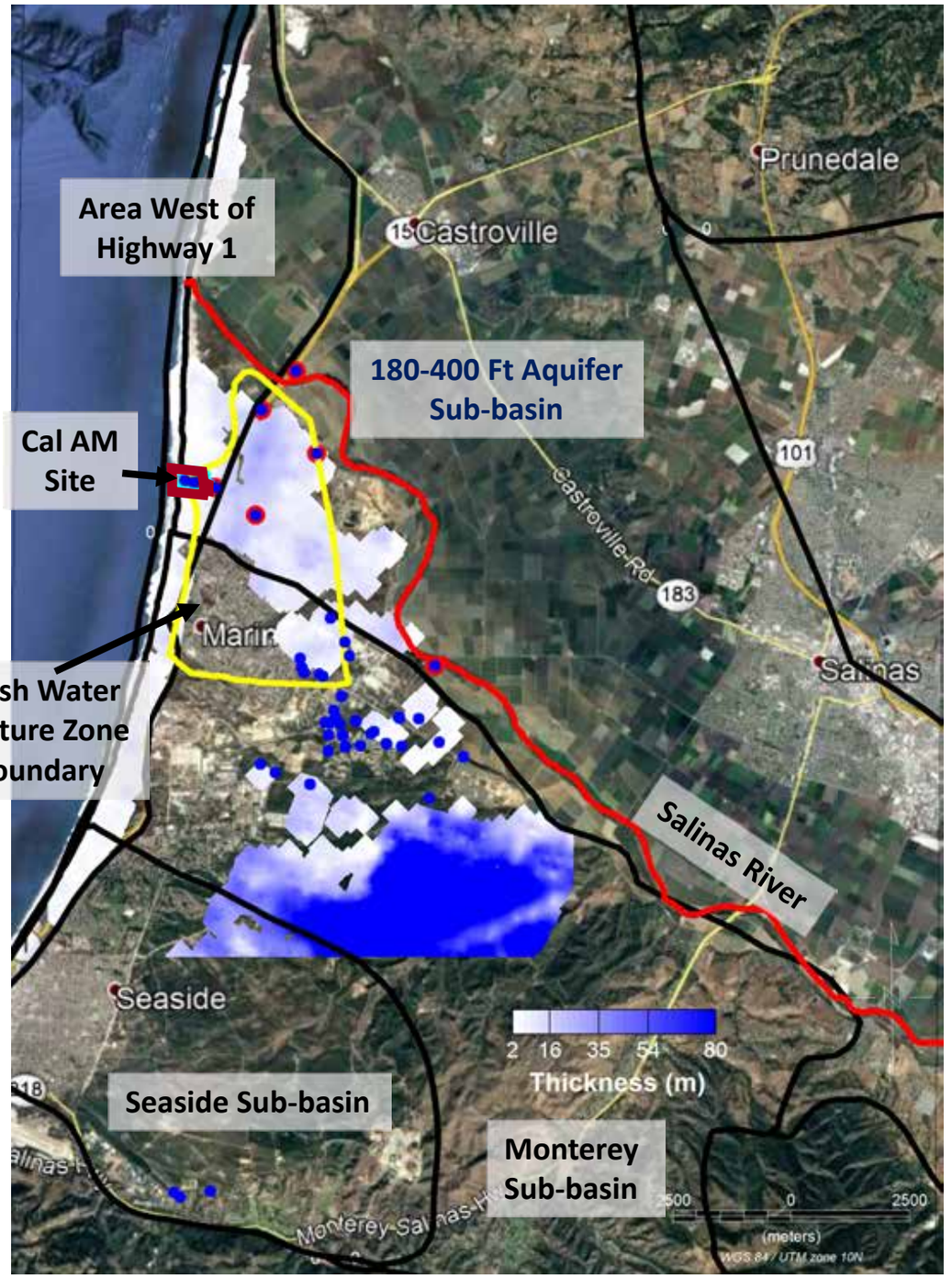
Aqua Geo Frameworks

2019 AEM TDS Thickness
Dune Sand Aquifer
1-1,000 mg/L

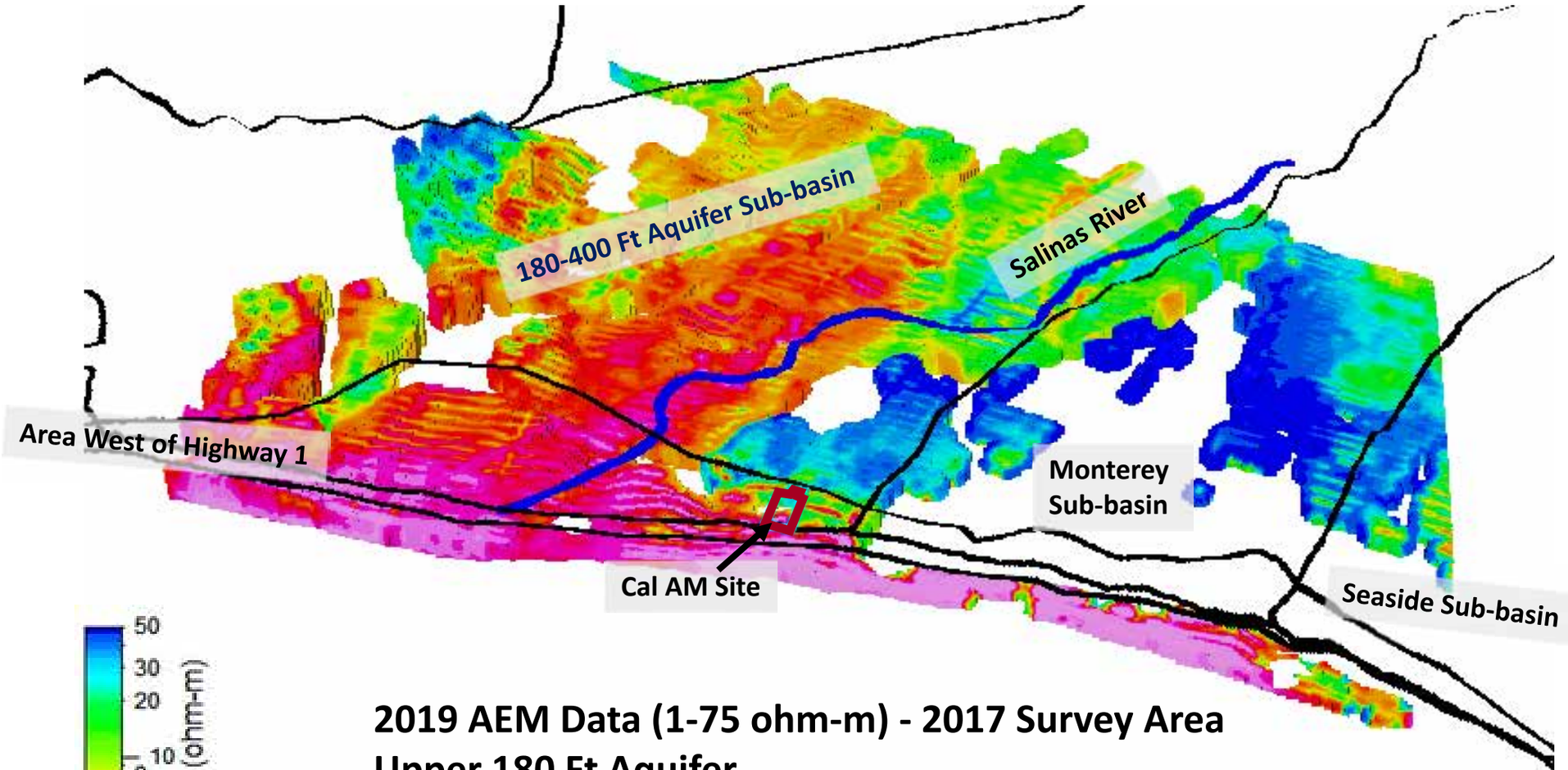


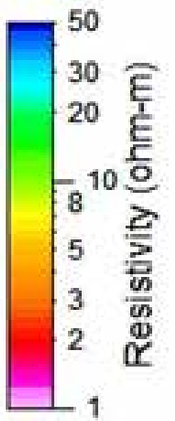
AGF
Aqua Geo Frameworks

2019 AEM TDS Thickness
Dune Sand Aquifer
1-3,000 mg/L



Aqua Geo Frameworks

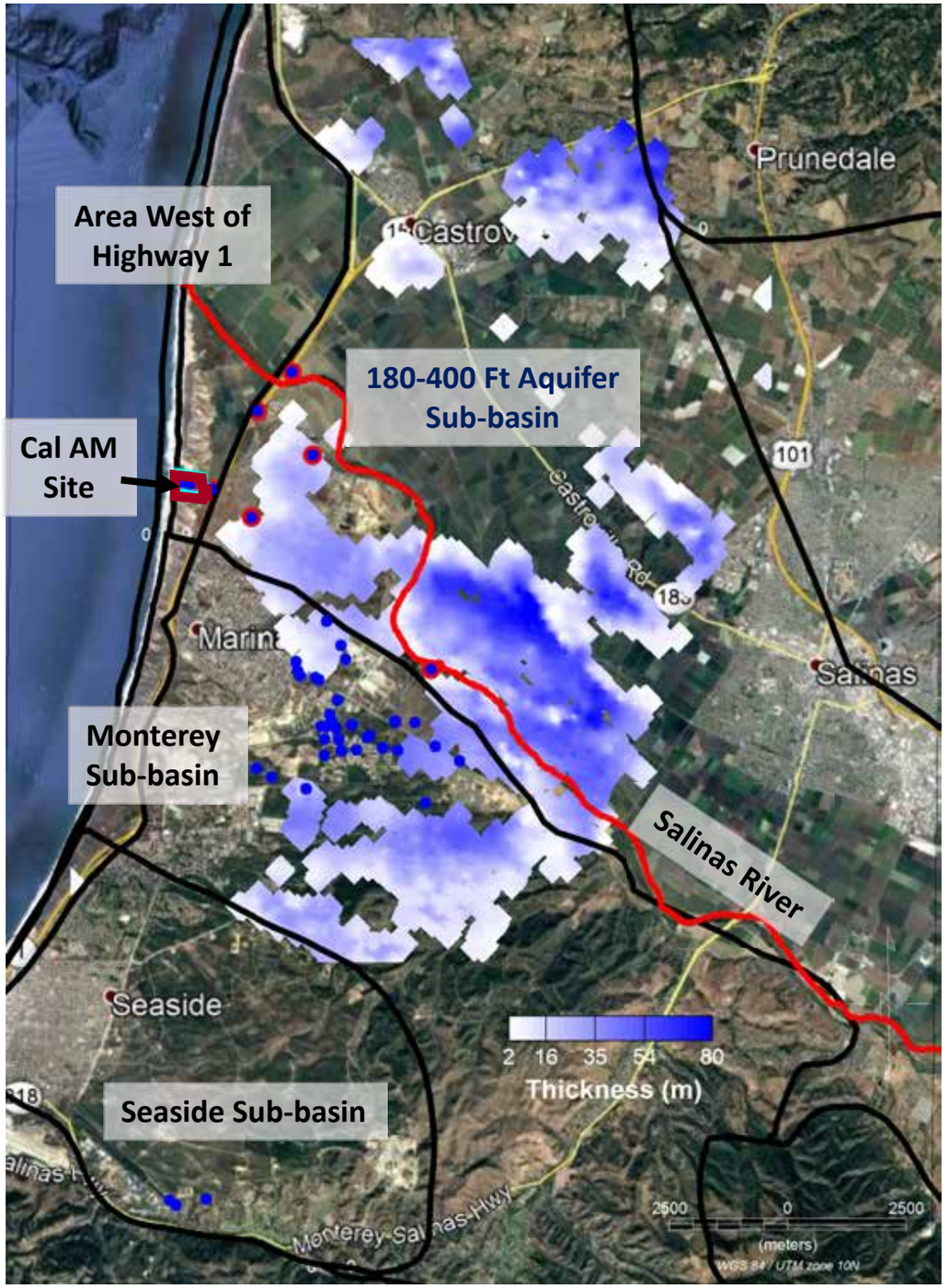




2019 AEM Data (1-75 ohm-m) - 2017 Survey Area
Upper 180 Ft Aquifer

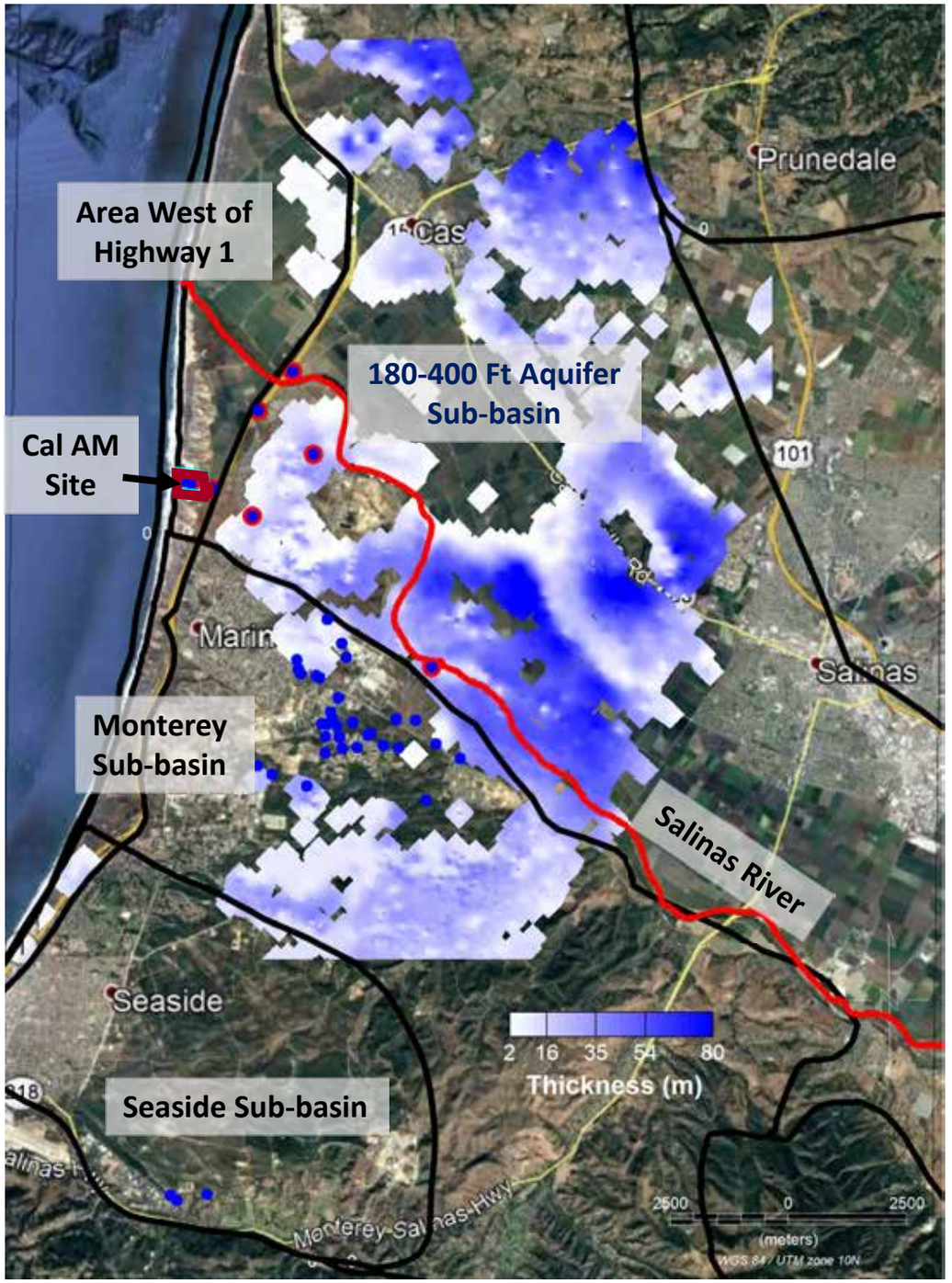
AGF
Aqua Geo Frameworks

2019 AEM TDS Thickness
Upper 180 Ft Aquifer
1-1,000 mg/L

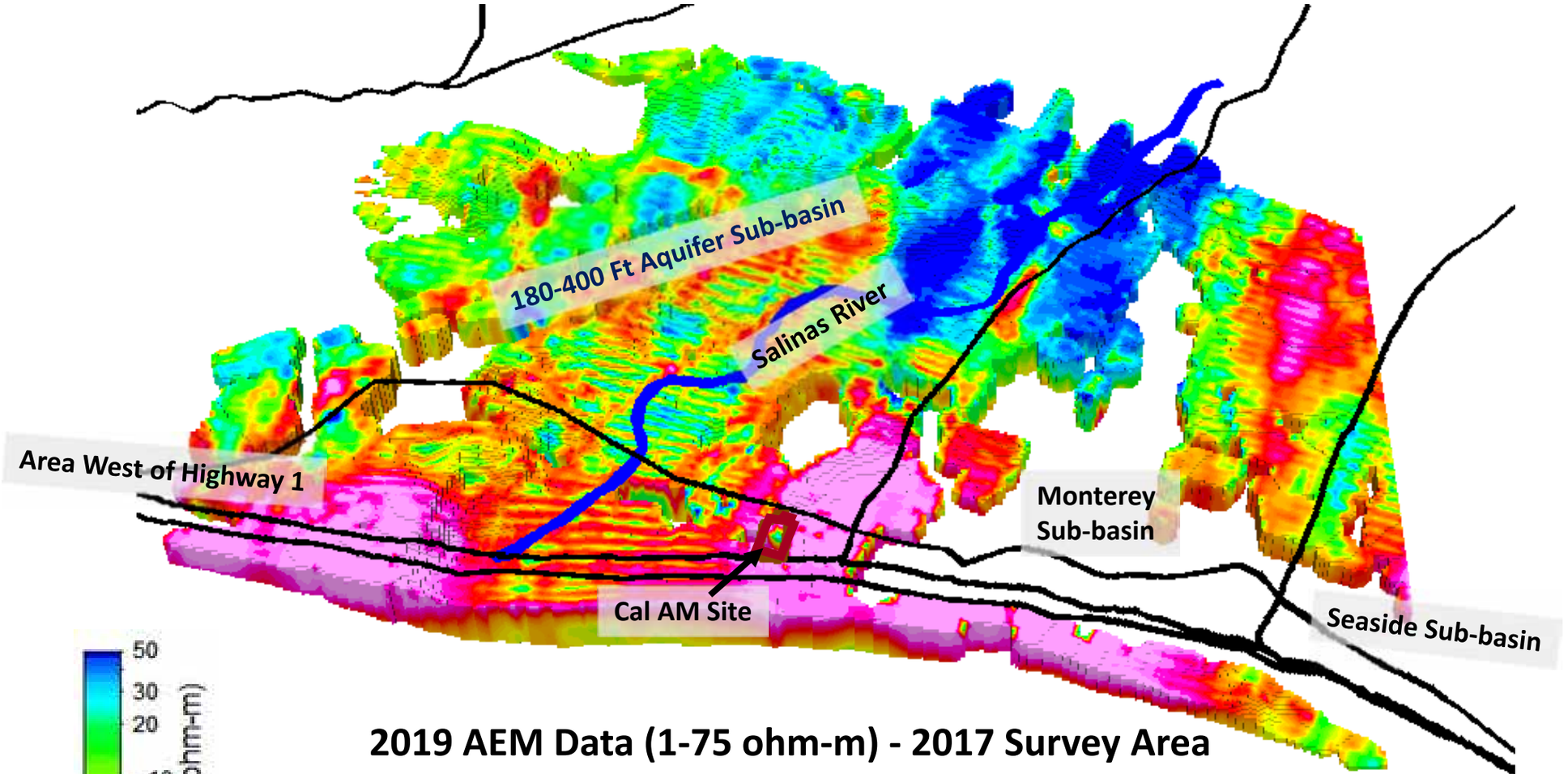


Aqua Geo Frameworks

2019 AEM TDS Thickness
Upper 180 Ft Aquifer
1-3,000 mg/L



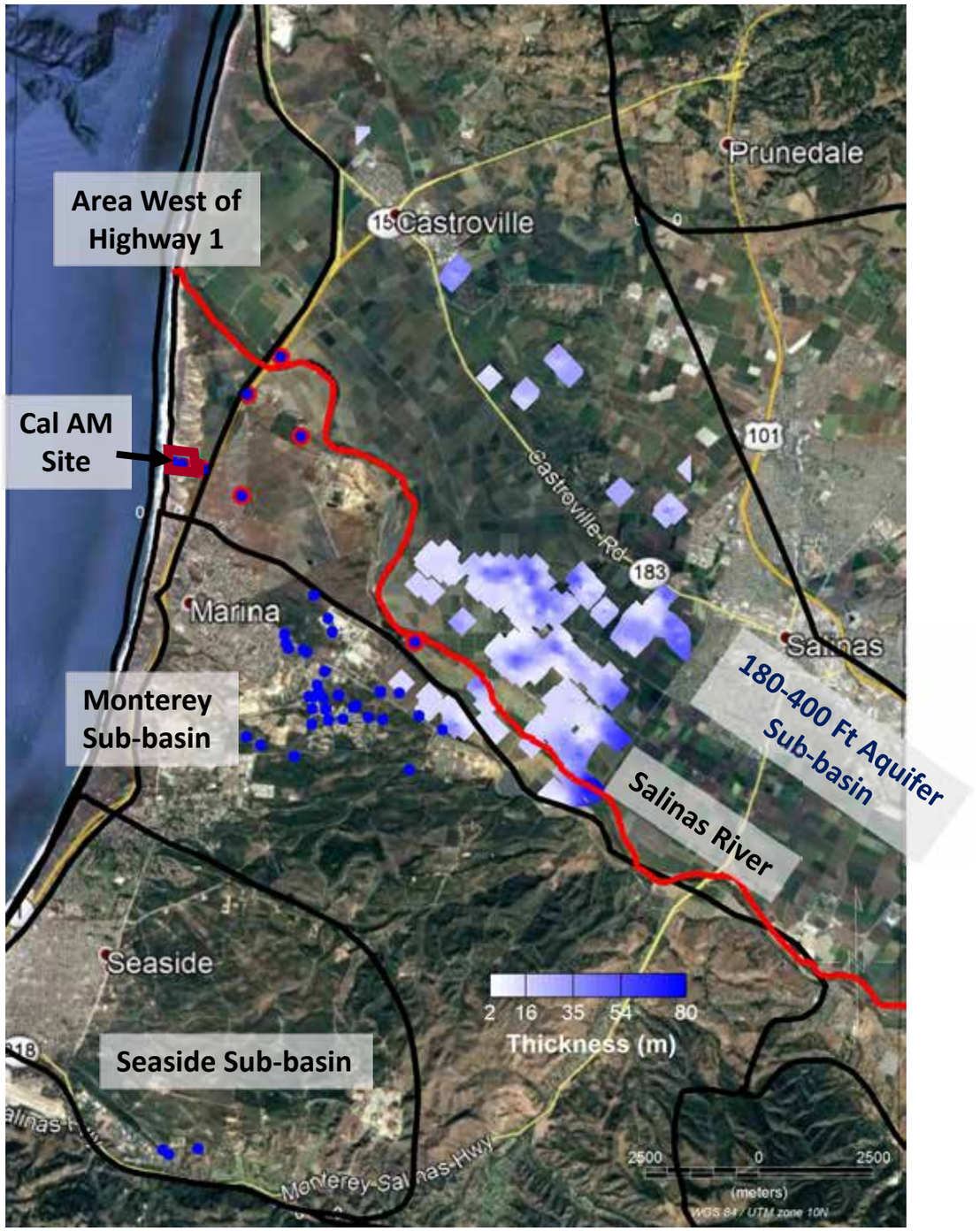
Aqua Geo Frameworks



2019 AEM Data (1-75 ohm-m) - 2017 Survey Area
400 Ft Aquifer

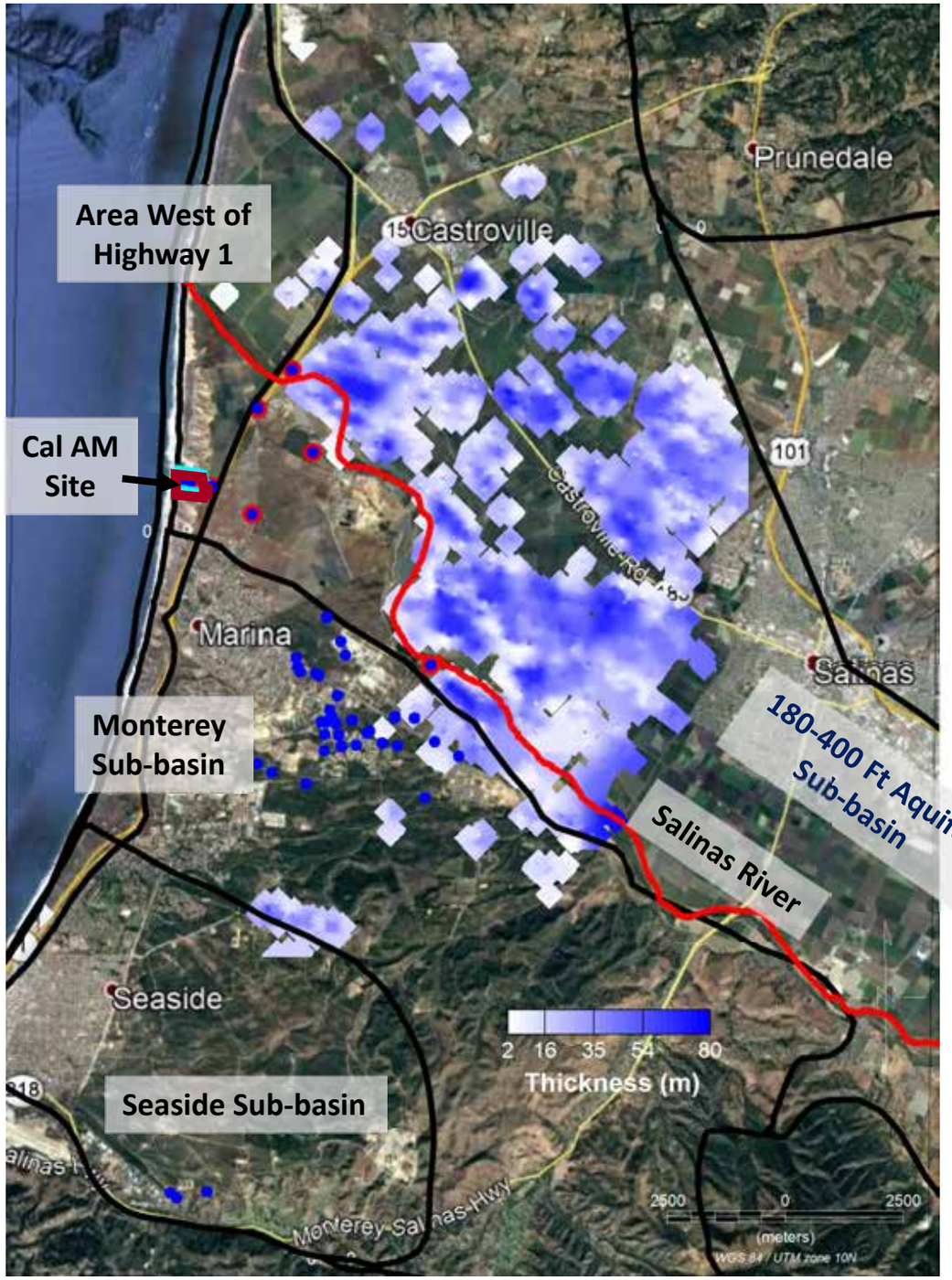
AGF
Aqua Geo Frameworks

2019 AEM TDS Thickness
400 Ft Aquifer
1-1,000 mg/L



AGF
Aqua Geo Frameworks

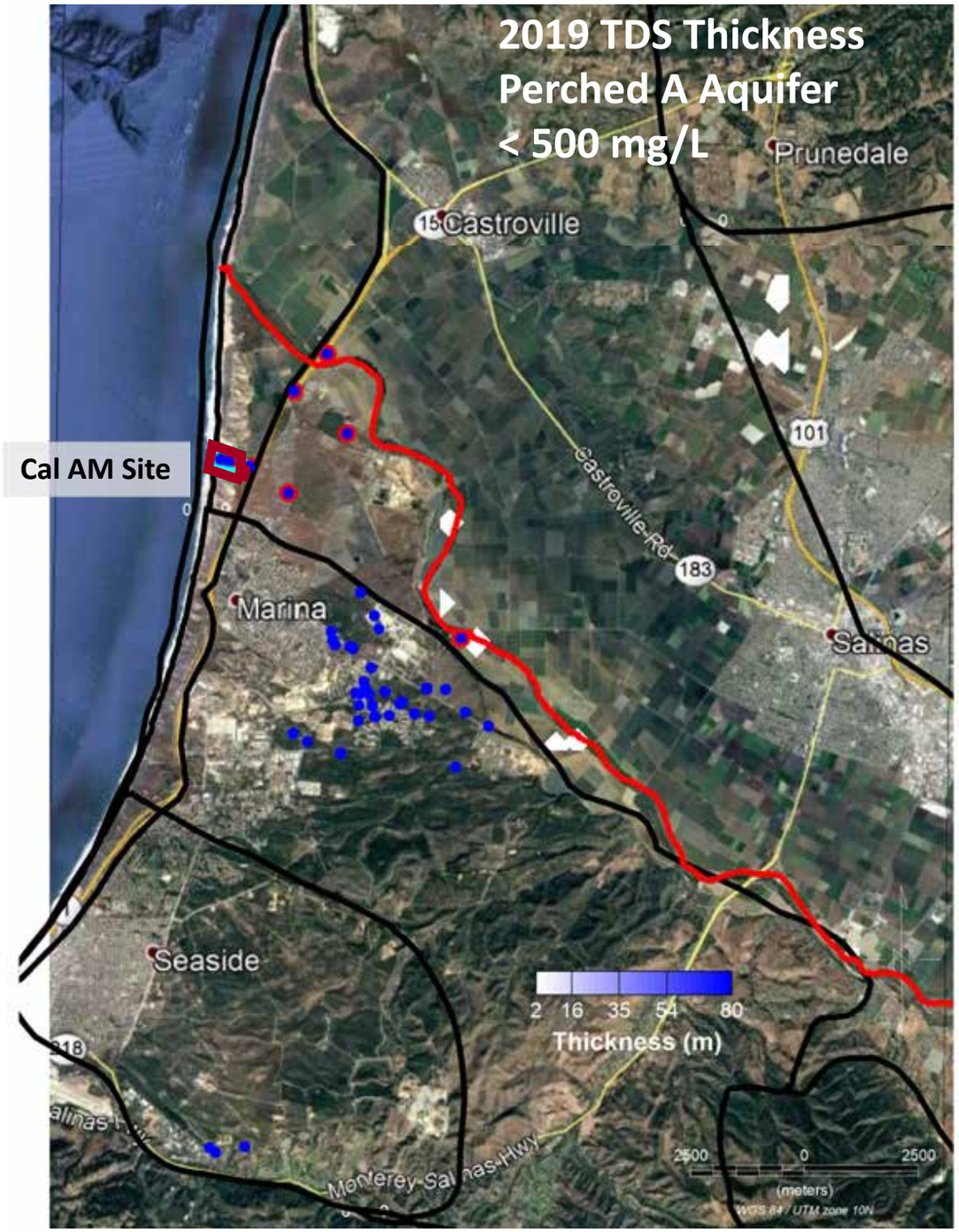
2019 AEM TDS Thickness
400 Ft Aquifer
1-3,000 mg/L

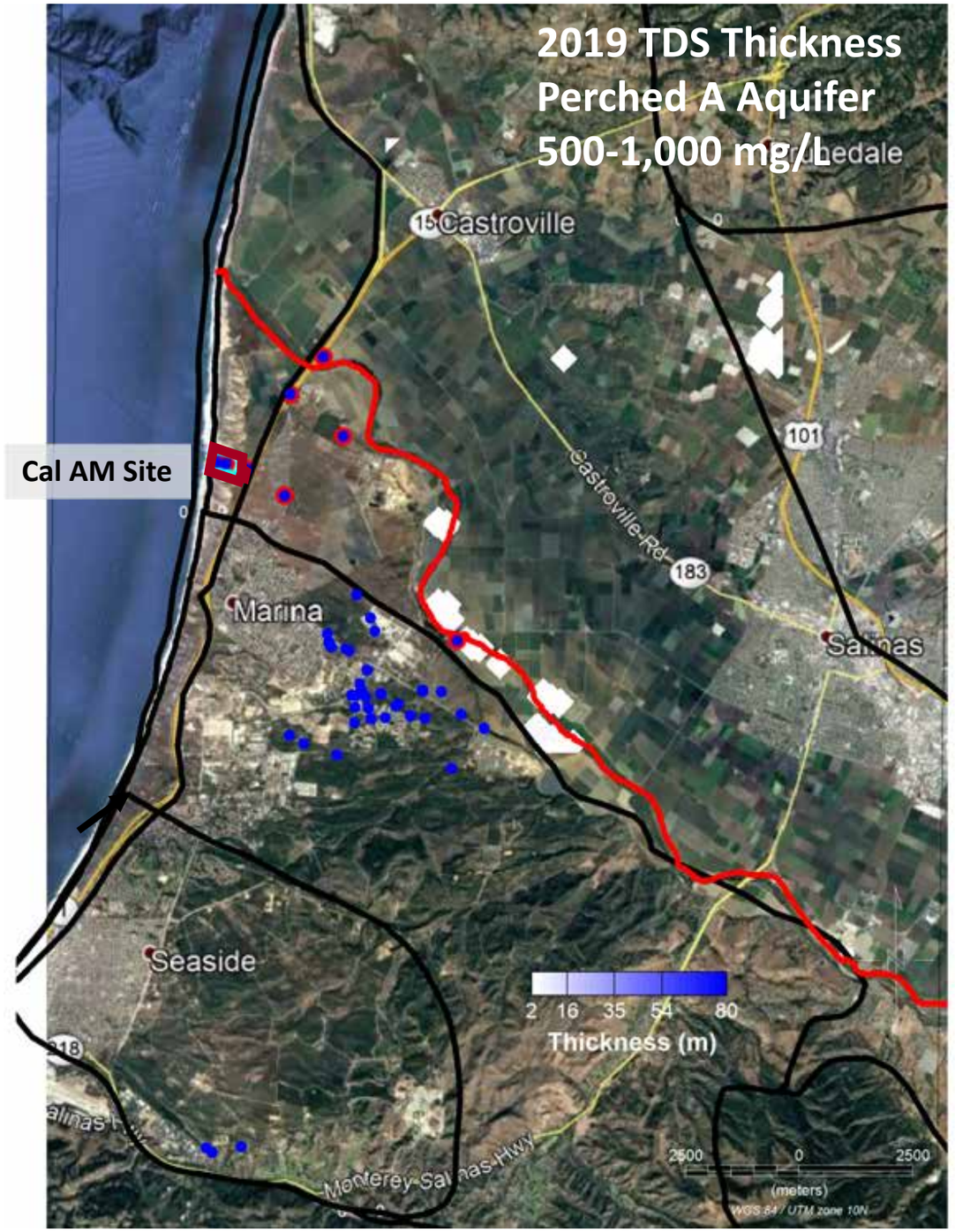


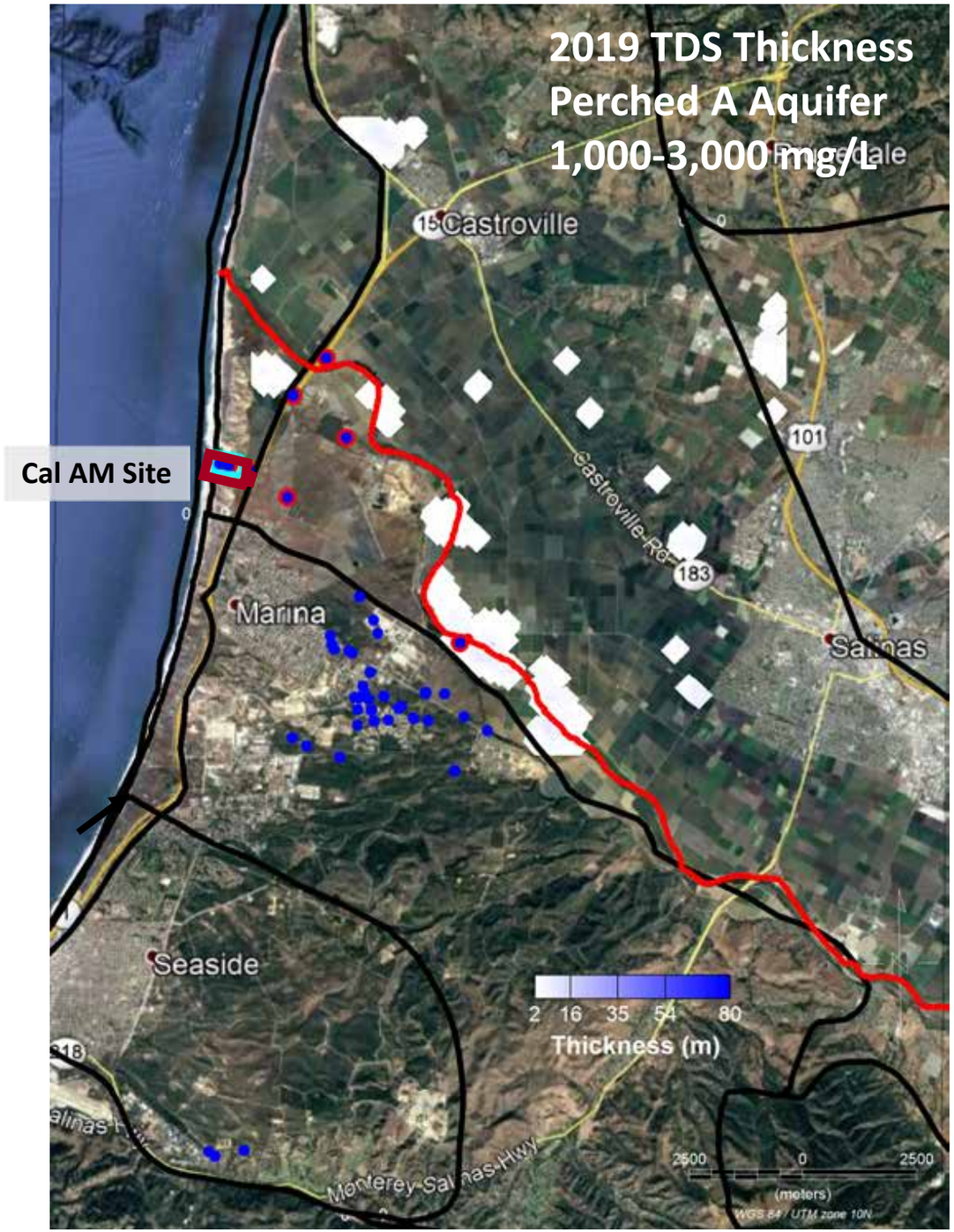
Aqua Geo Frameworks

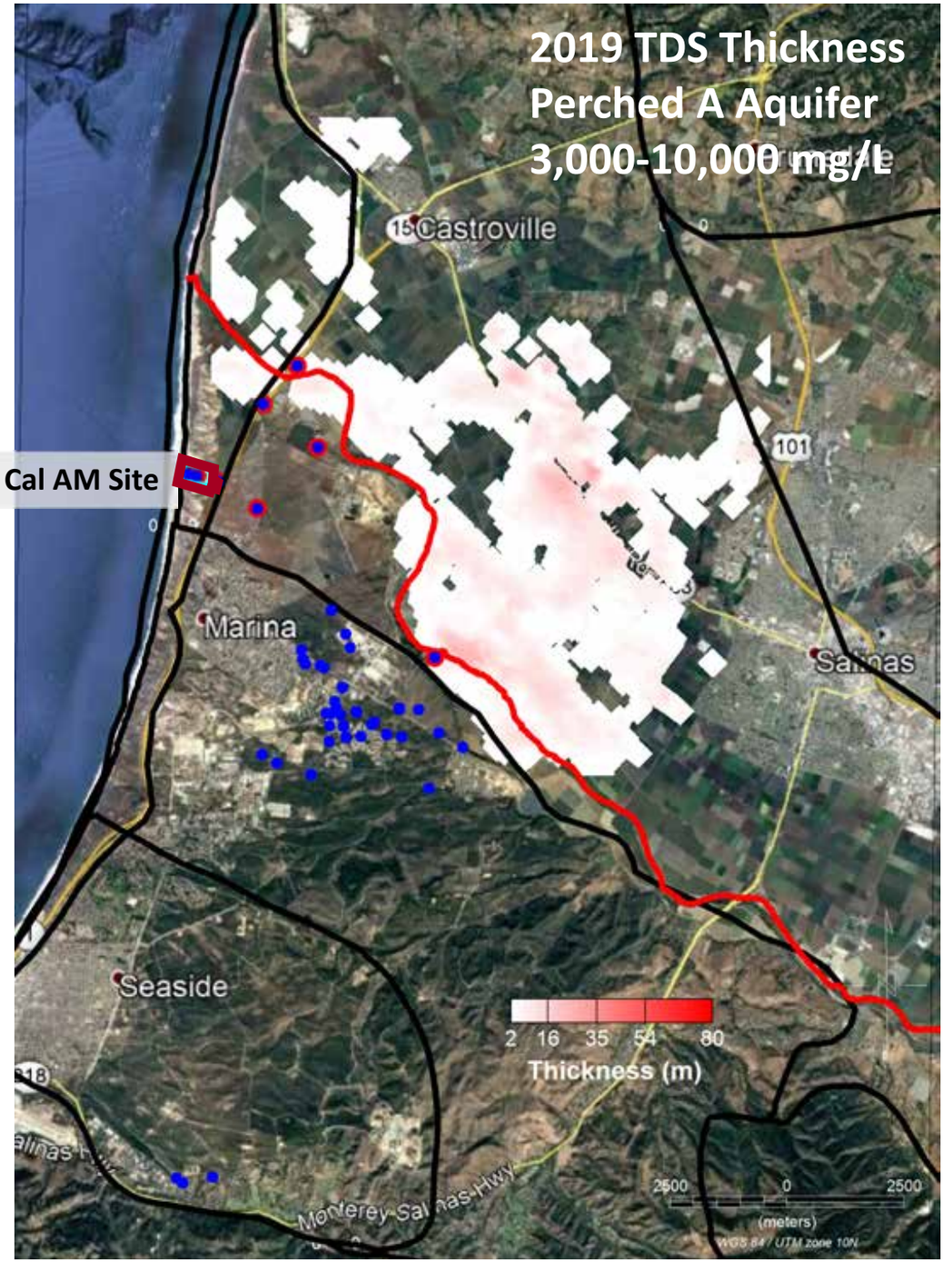
The following slides present thickness maps for all hydrostratigraphic layers for the 5 TDS ranges:

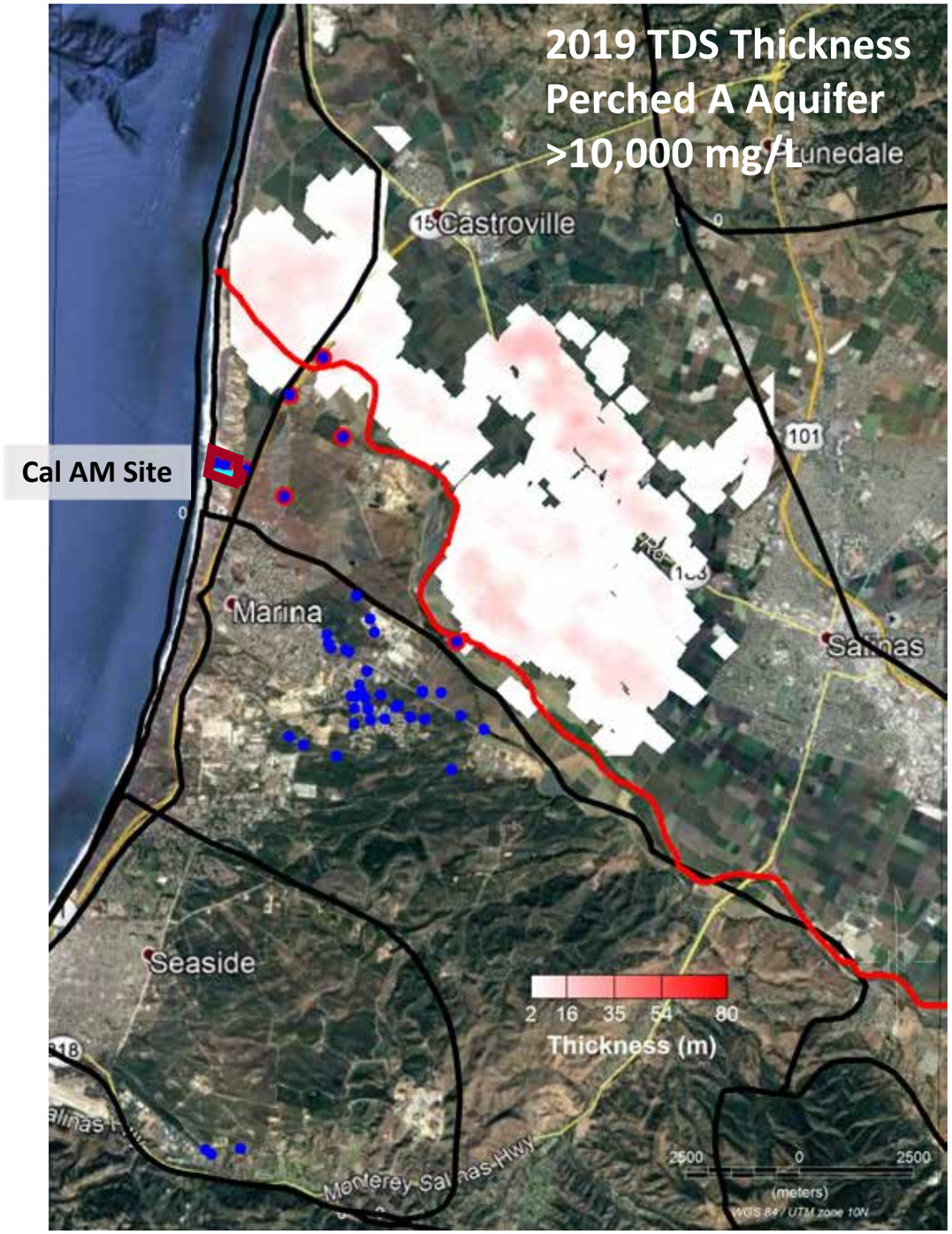
<500 mg/L
500 – 1,000 mg/L
1,000 – 3,000 mg/L
3,000 – 10,000 mg/L
>10,000 mg/L

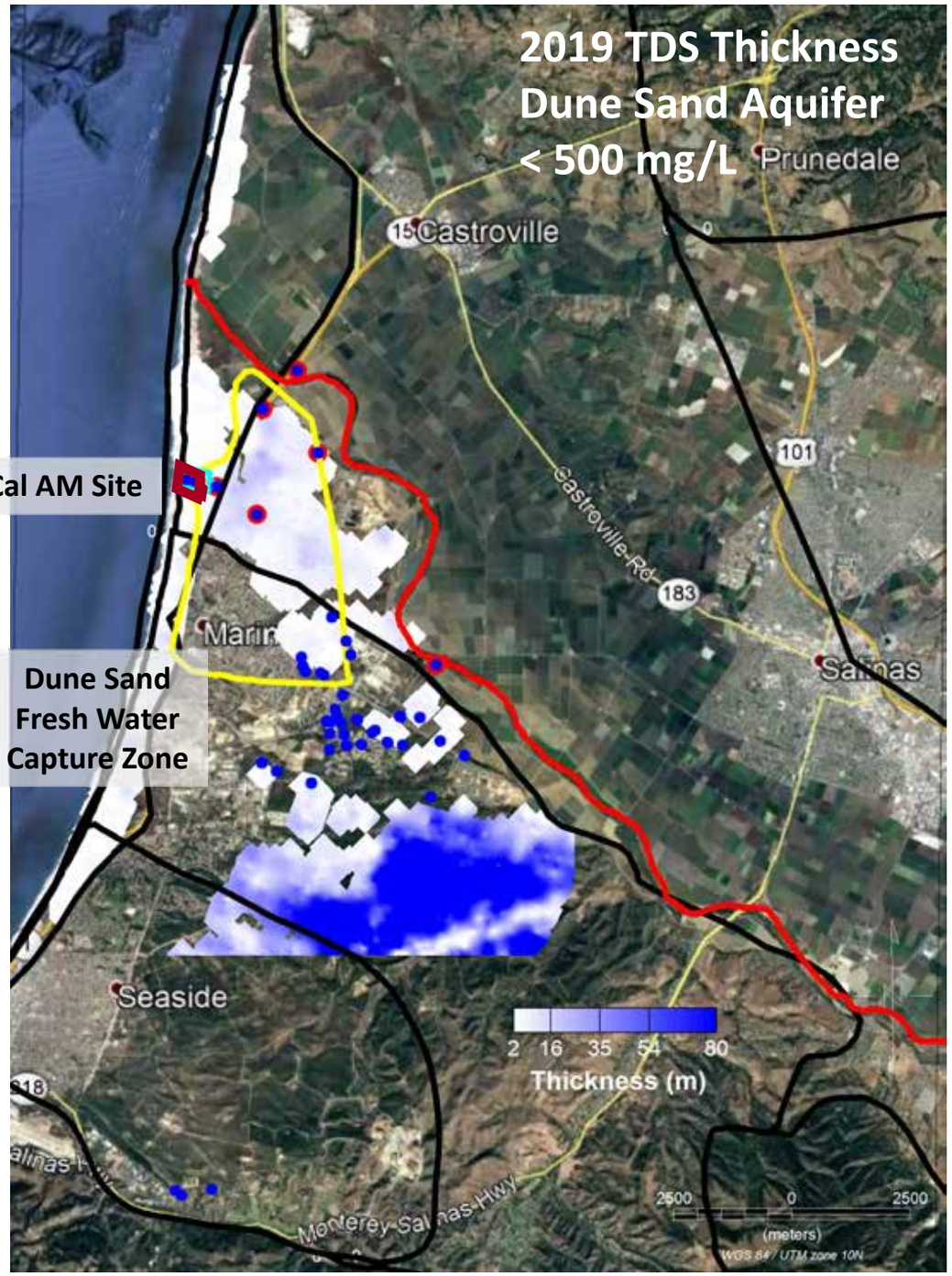

2019 TDS Thickness
Perched A Aquifer
< 500 mg/L
Cal AM Site
Prunedale
Castroville
Castroville-Rd
101
183
Marina
Salinas
Seaside
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

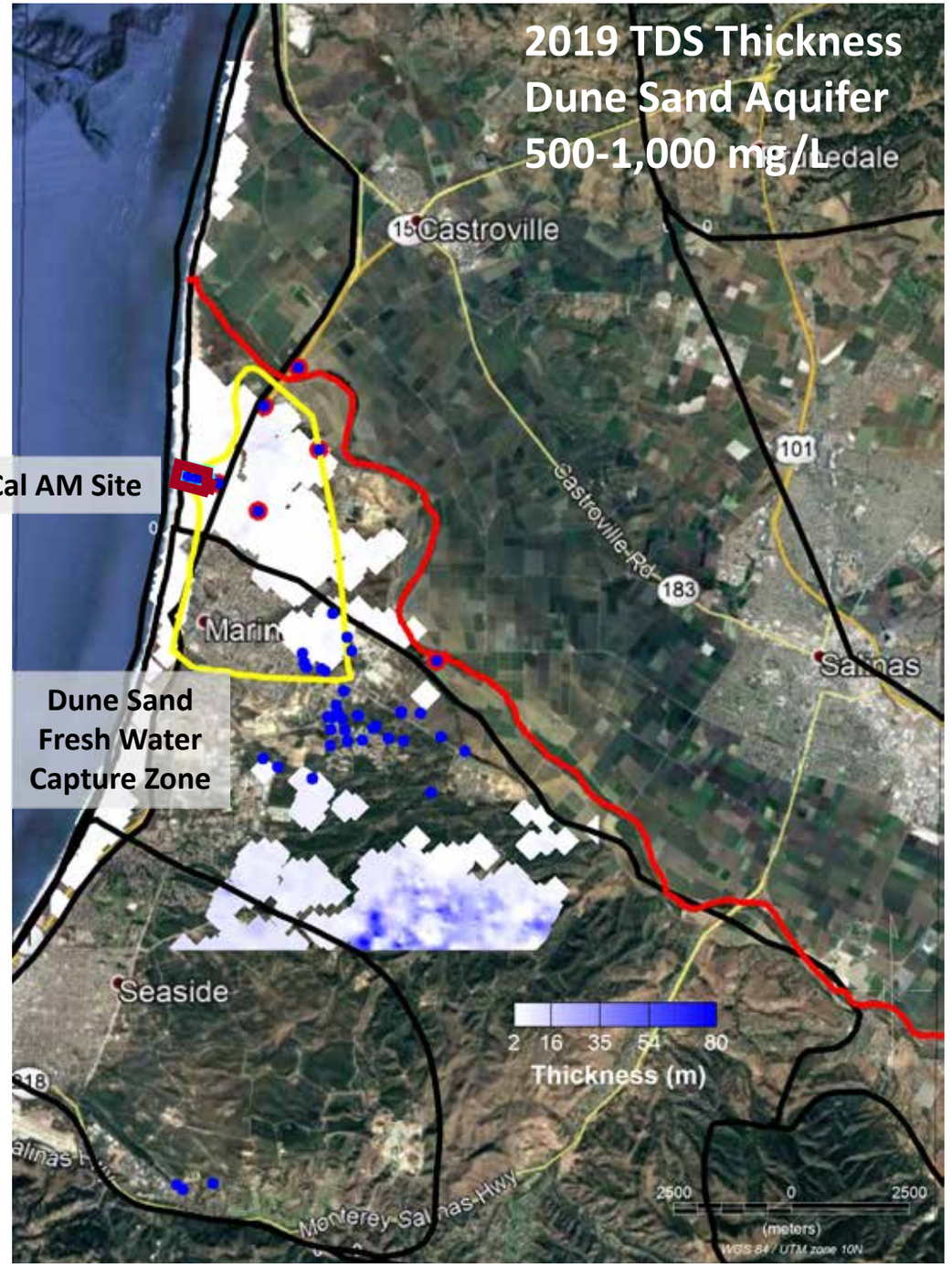

2019 TDS Thickness
Perched A Aquifer
500-1,000 mg/L
Cal AM Site
Castroville
Castroville-Rd
101
183
Marina
Seaside
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)


2019 TDS Thickness
Perched A Aquifer
1,000-3,000 mg/L
Cal AM Site
Castroville
Marina
Salinas
Seaside
Castroville-Rd
Monterey-Salinas-Hwy
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

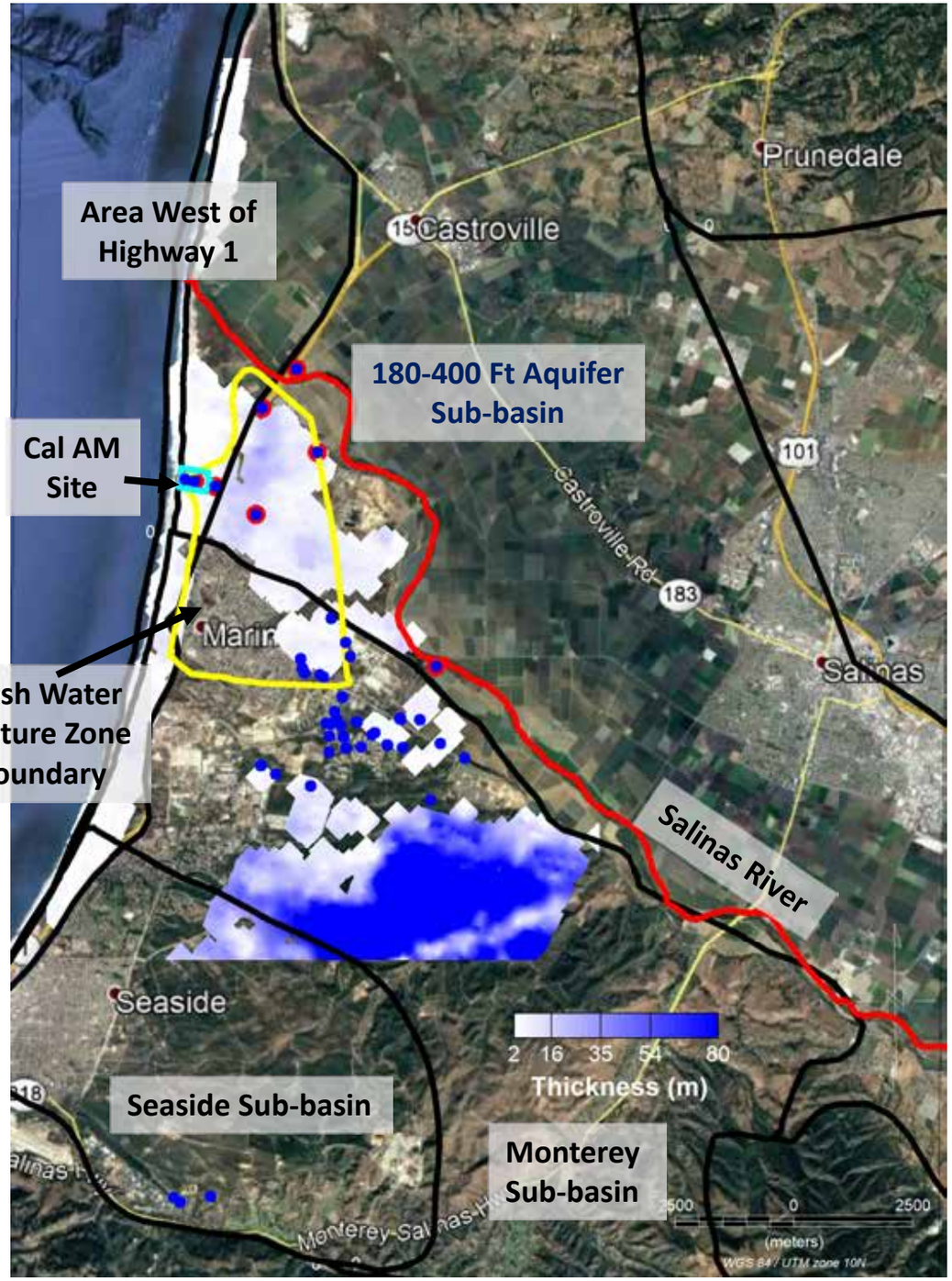

2019 TDS Thickness
Perched A Aquifer
3,000-10,000 mg/L
Cal AM Site
Castroville
Marina
Salinas
Seaside
Monterey-Salinas-Hwy
101
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

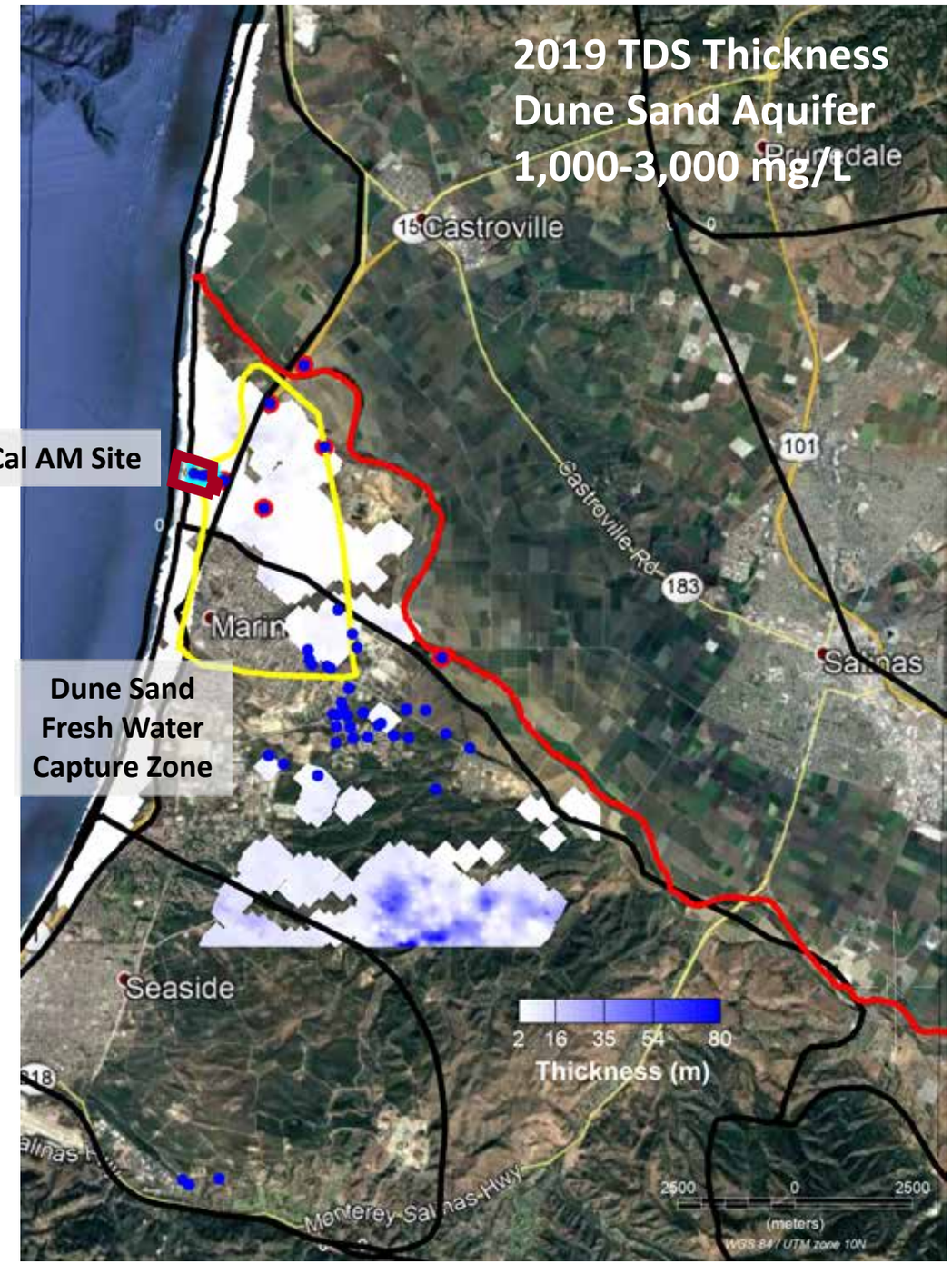

2019 TDS Thickness
Perched A Aquifer
>10,000 mg/L
Cal AM Site
Castroville
Marina
Seaside
Salinas
101
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

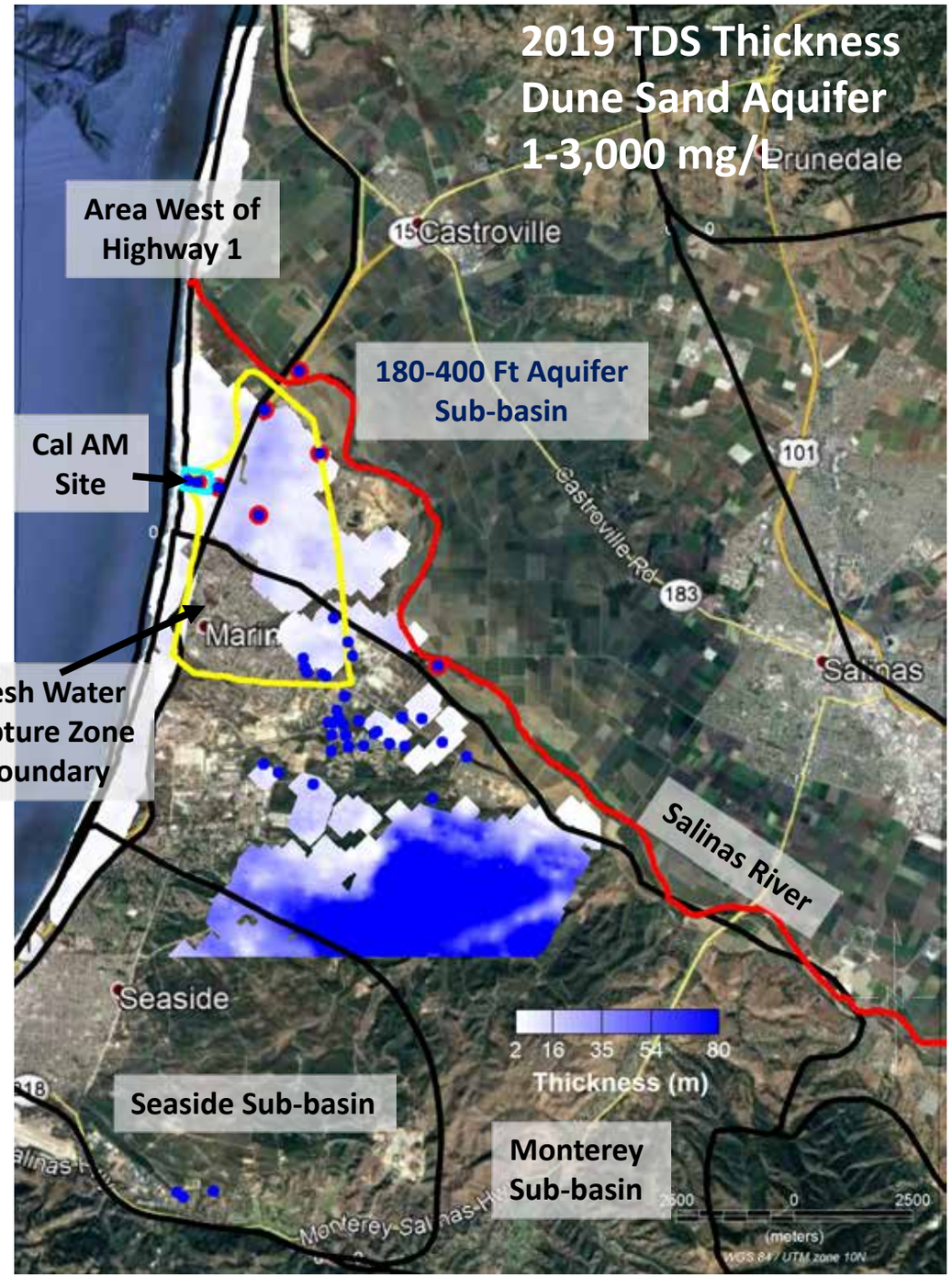

2019 TDS Thickness
Dune Sand Aquifer
< 500 mg/L
Cal AM Site
Dune Sand
Fresh Water
Capture Zone
Prunedale
Castroville
Castroville-Rd
Marin
Salinas
Seaside
Monterey-Salinas-Hwy
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

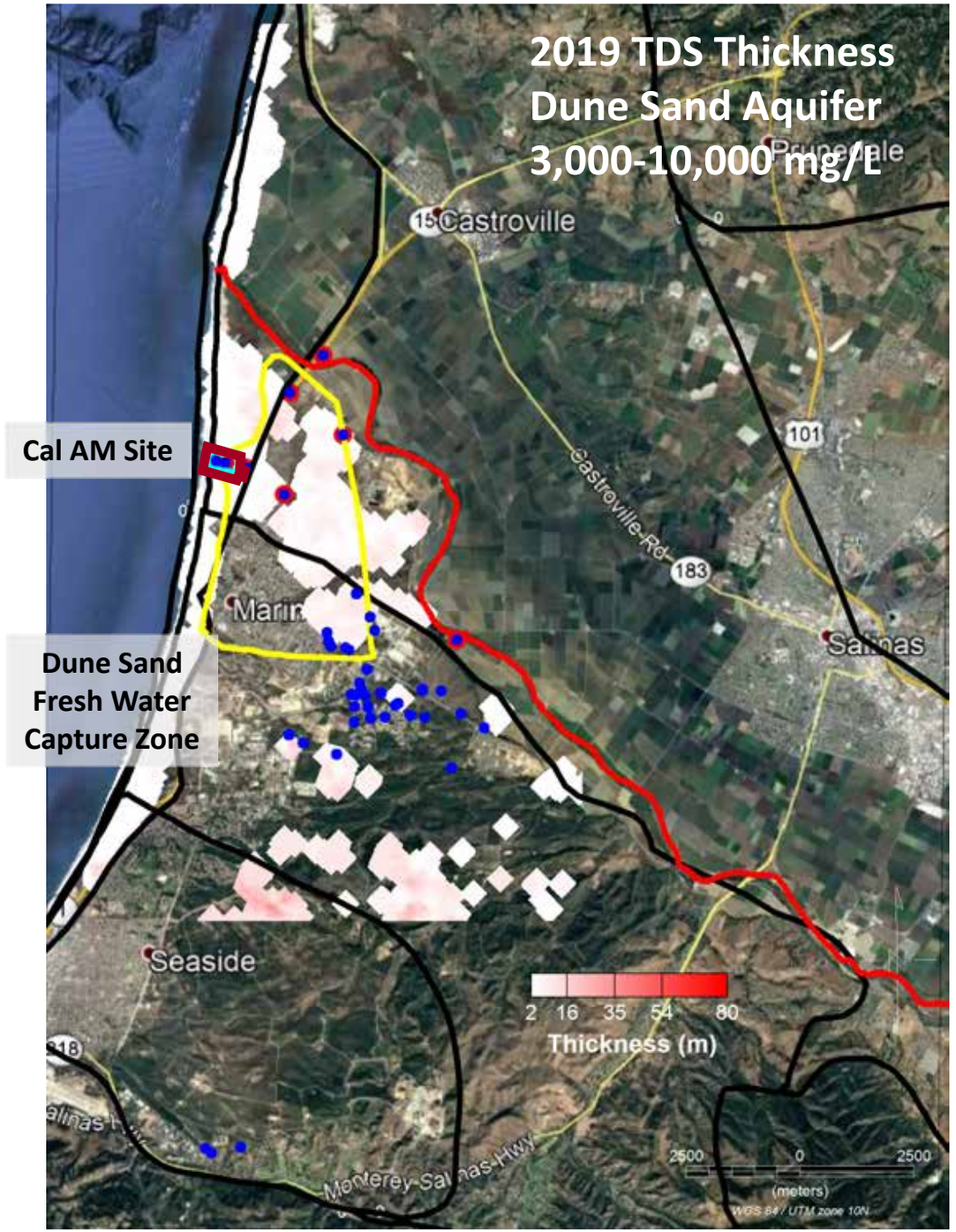

2019 TDS Thickness
Dune Sand Aquifer
500-1,000 mg/L
Cal AM Site
Dune Sand
Fresh Water
Capture Zone
Castroville
Castroville-Rd
Marin
Salinas
Seaside
Monterey-Salinas-Hwy
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

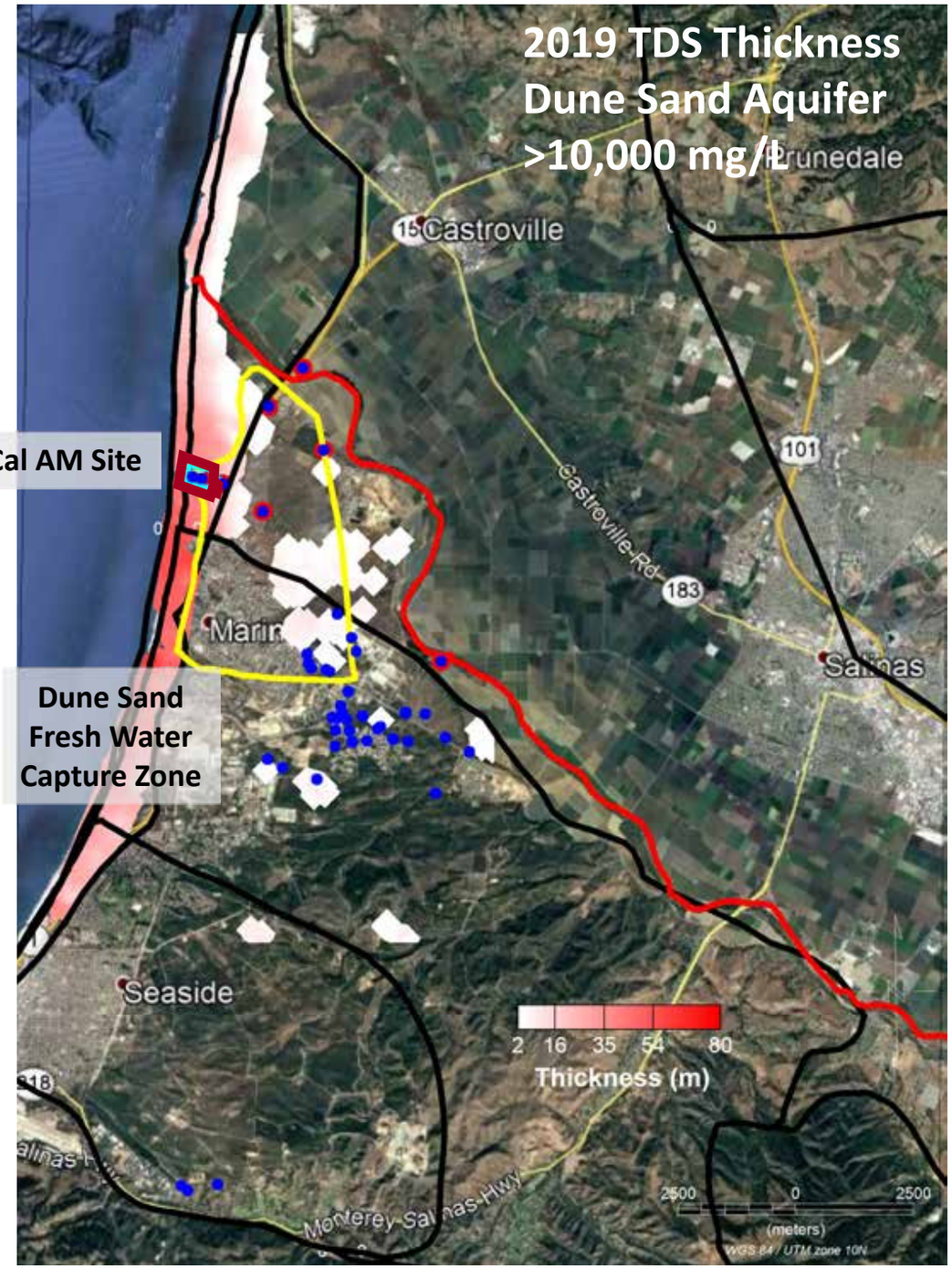
2019 TDS Thickness
Dune Sand Aquifer
1-1,000 mg/L

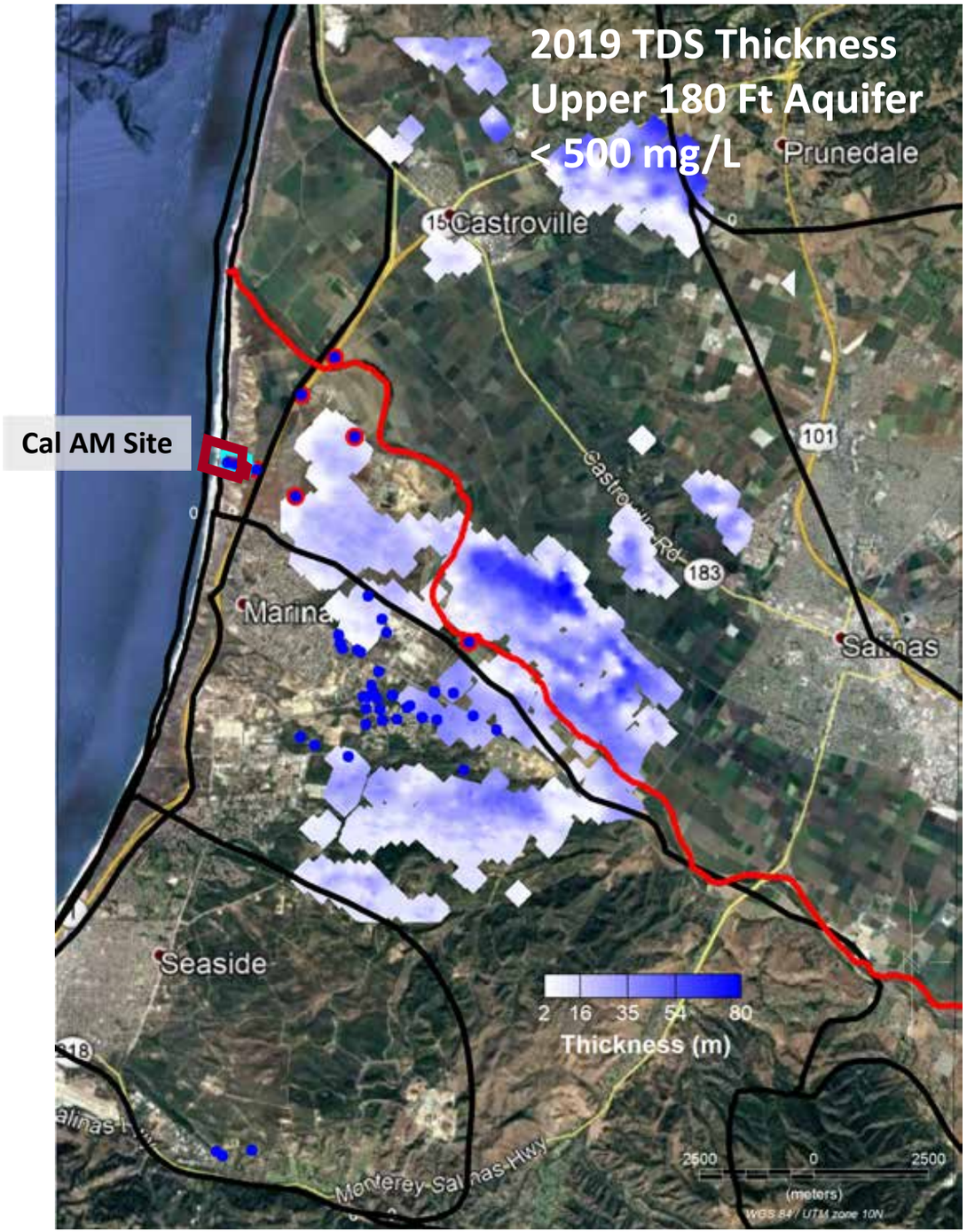


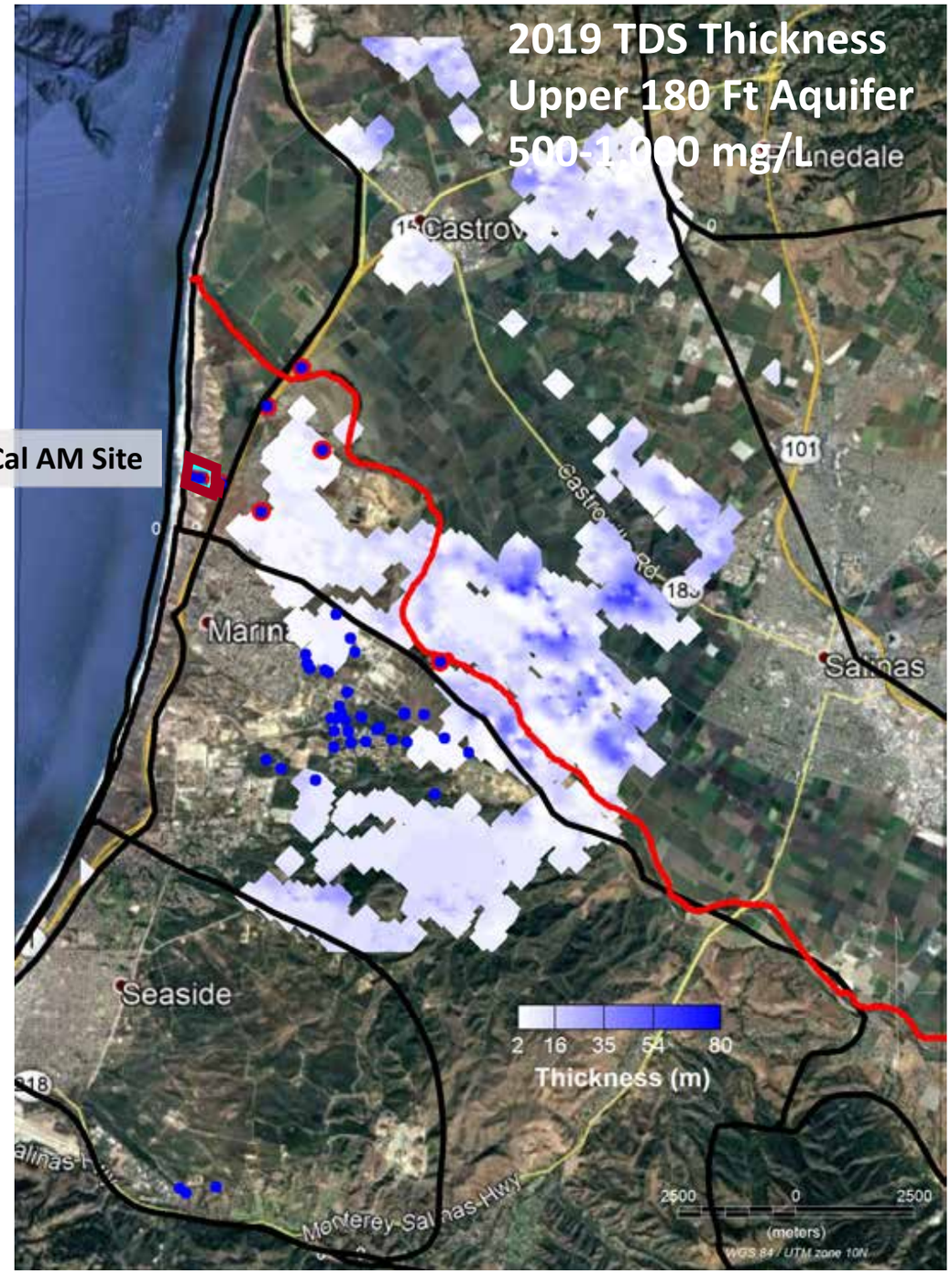

2019 TDS Thickness
Dune Sand Aquifer
1,000-3,000 mg/L
Cal AM Site
Dune Sand
Fresh Water
Capture Zone
Castroville
Prunedale
Marina
Salinas
Seaside
Castroville Rd
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)


2019 TDS Thickness
Dune Sand Aquifer
1-3,000 mg/L
Area West of
Highway 1
180-400 Ft Aquifer
Sub-basin
Cal AM
Site
Fresh Water
Capture Zone
Boundary
Salinas River
Seaside Sub-basin
Monterey
Sub-basin
Castroville
Prunedale
Marina
Salinas
Seaside
Castroville Rd
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

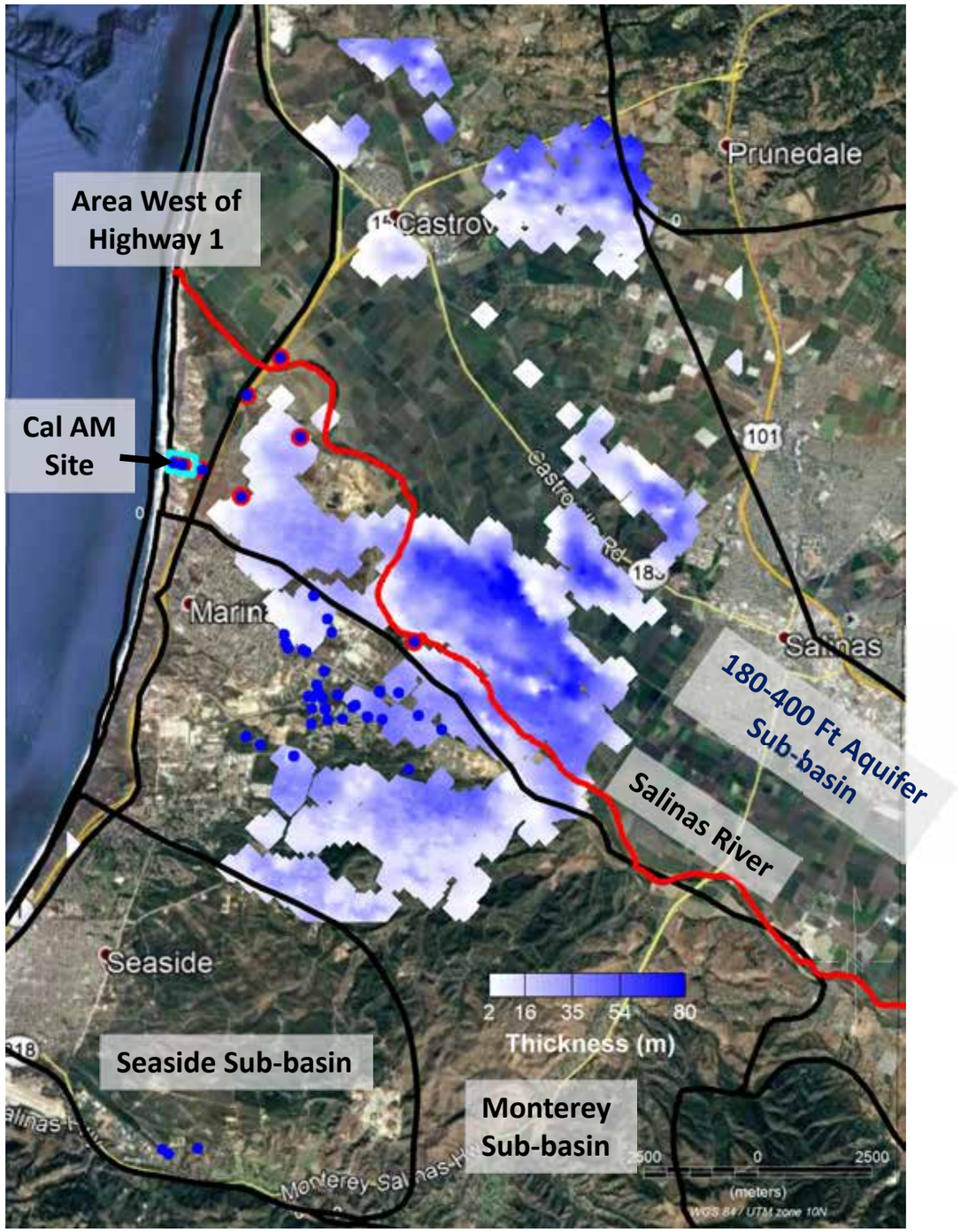

2019 TDS Thickness
Dune Sand Aquifer
3,000-10,000 mg/L
Cal AM Site
Dune Sand
Fresh Water
Capture Zone
Castroville
Prunedale
Marina
Salinas
Seaside
Castroville Rd
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

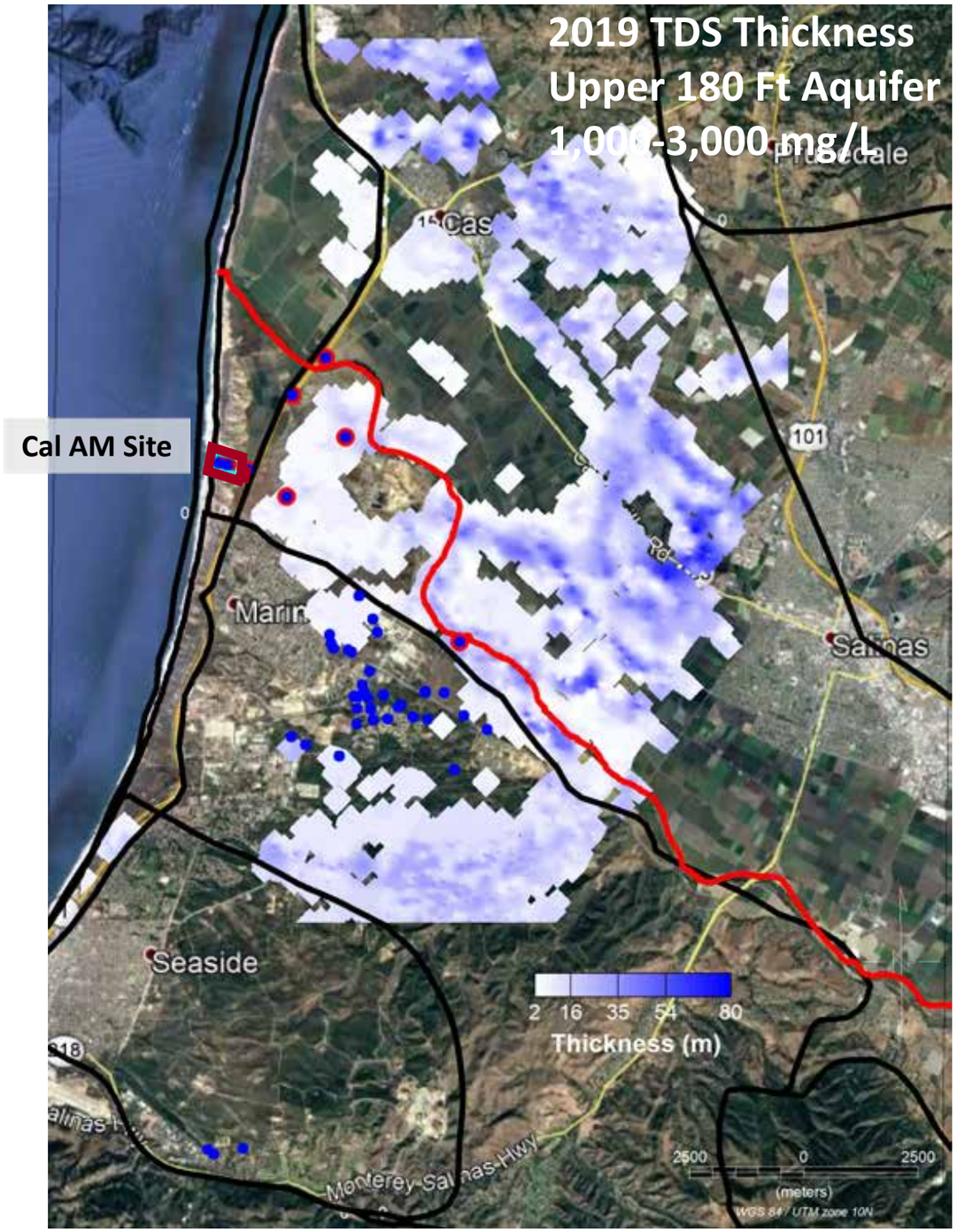

2019 TDS Thickness
Dune Sand Aquifer
>10,000 mg/L
Cal AM Site
Dune Sand
Fresh Water
Capture Zone
Castroville
Prunedale
Marina
Salinas
Seaside
Castroville Rd
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

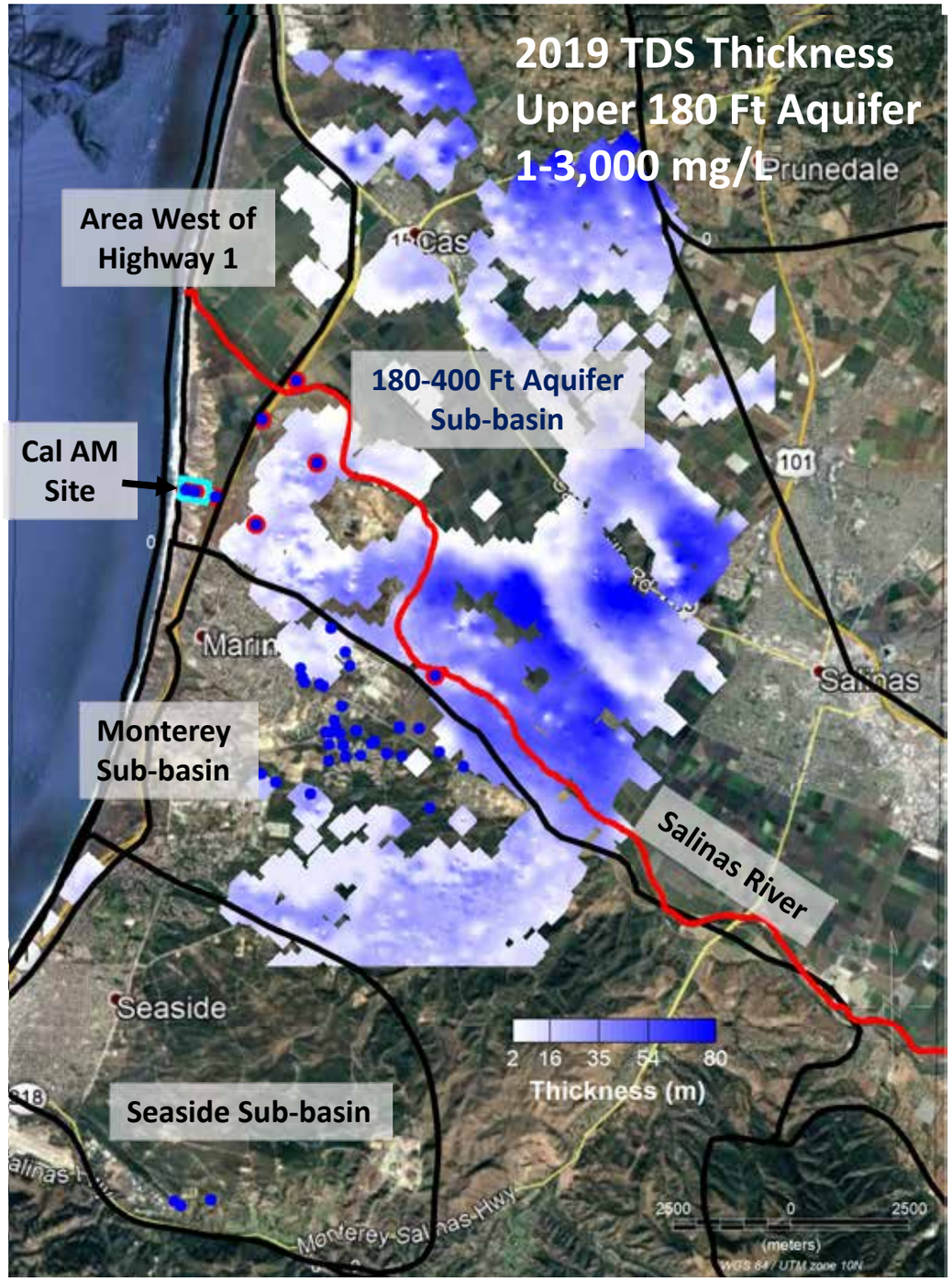

2019 TDS Thickness
Upper 180 Ft Aquifer
< 500 mg/L
Cal AM Site
Prunedale
Castroville
101
183
Marina
Salinas
Seaside
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

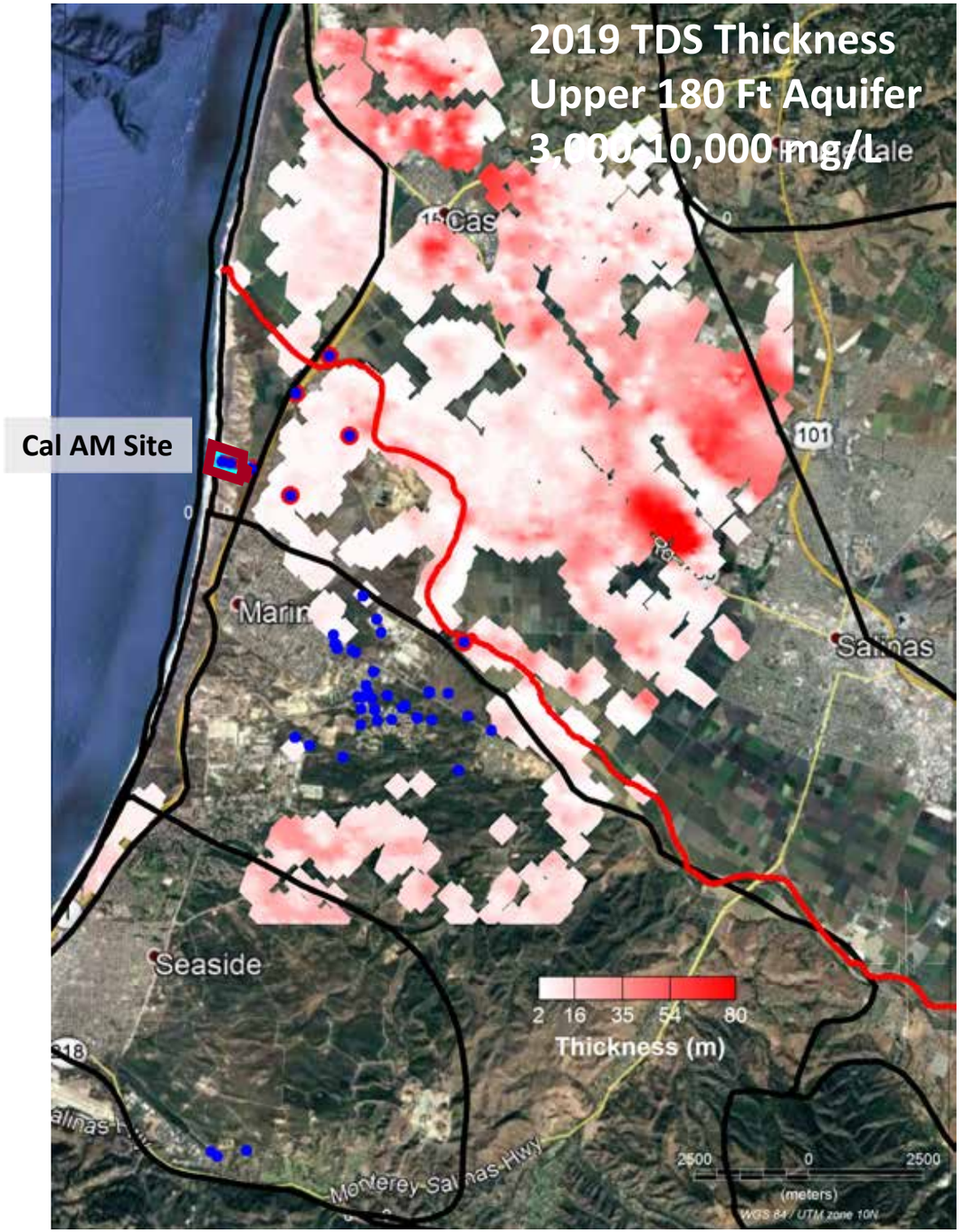

2019 TDS Thickness
Upper 180 Ft Aquifer
500-1,000 mg/L
Cal AM Site
101
Salinas
Seaside
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

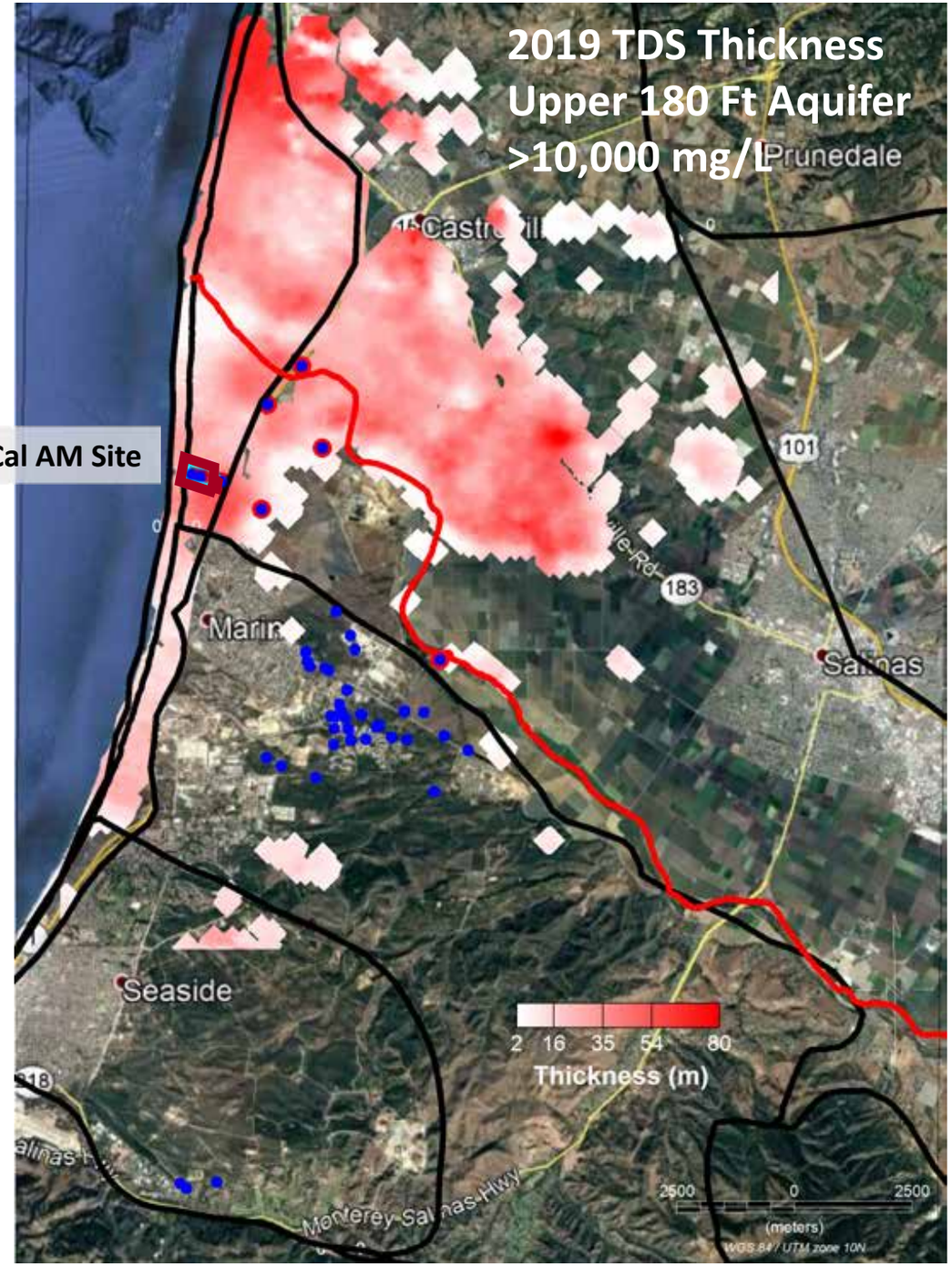
2019 TDS Thickness
Upper 180 Ft Aquifer
1-1,000 mg/L

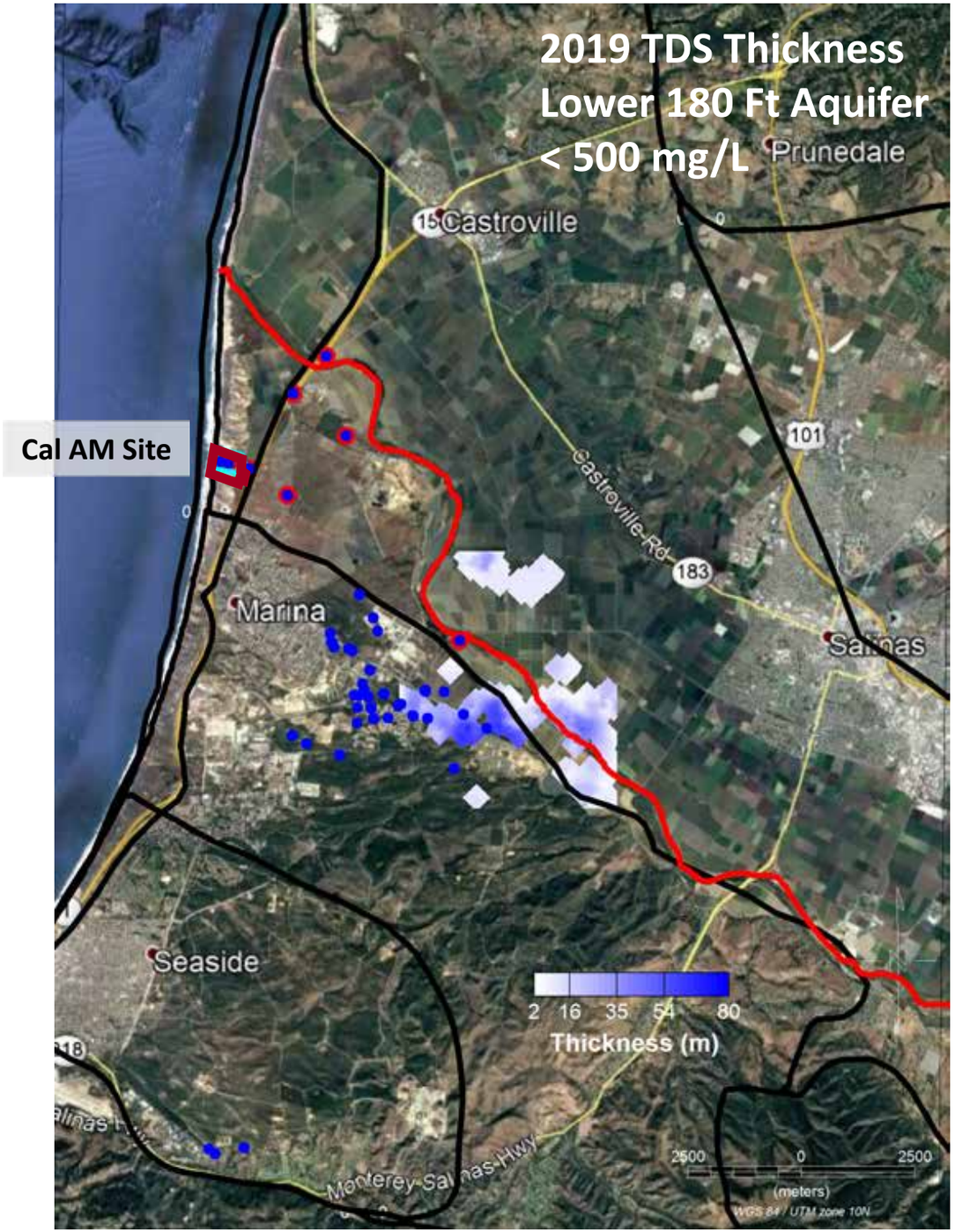


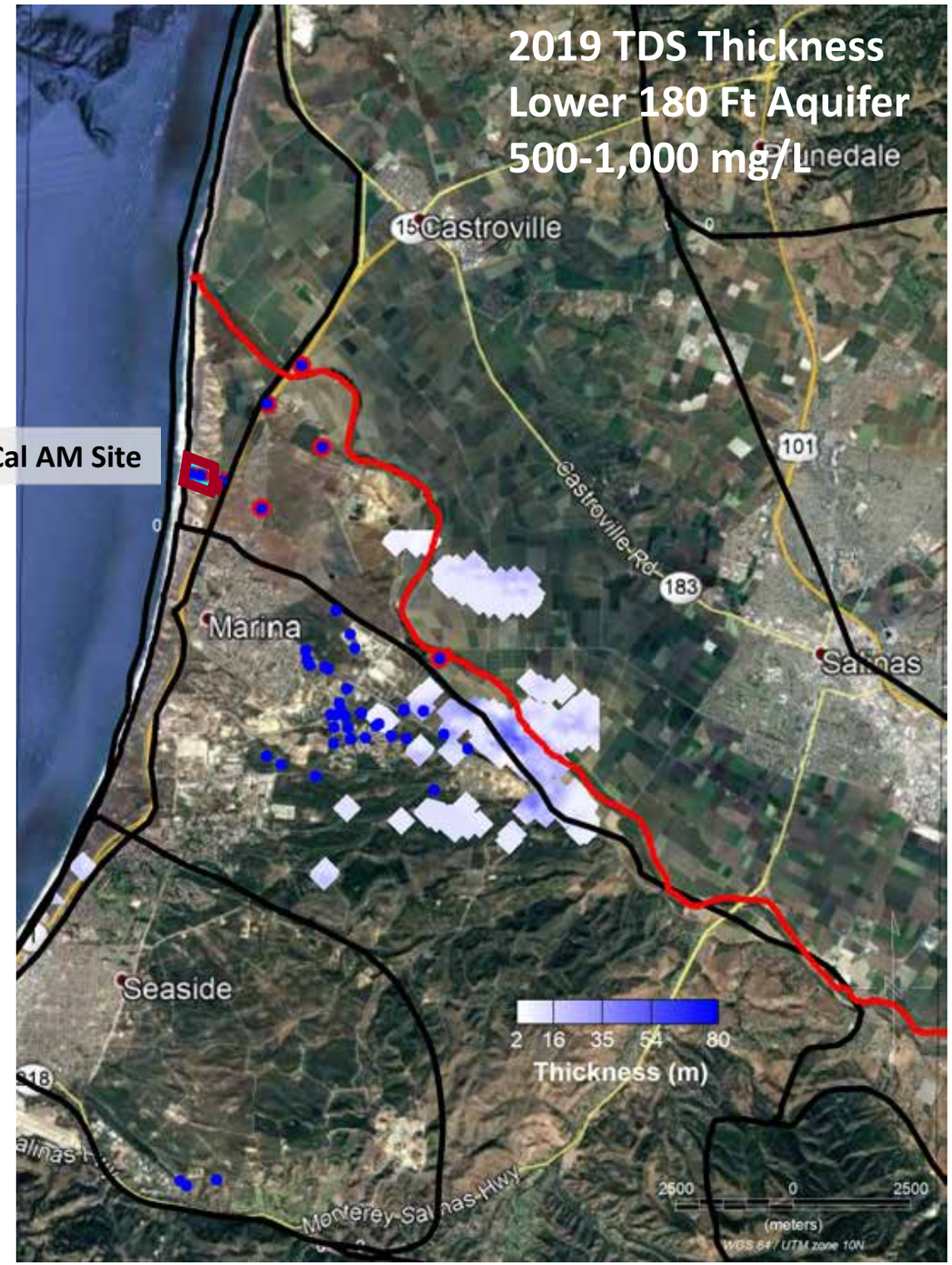

2019 TDS Thickness
Upper 180 Ft Aquifer
1,000-3,000 mg/L
Cal AM Site
Prunedale
Cas
101
Marin
Salinas
Seaside
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

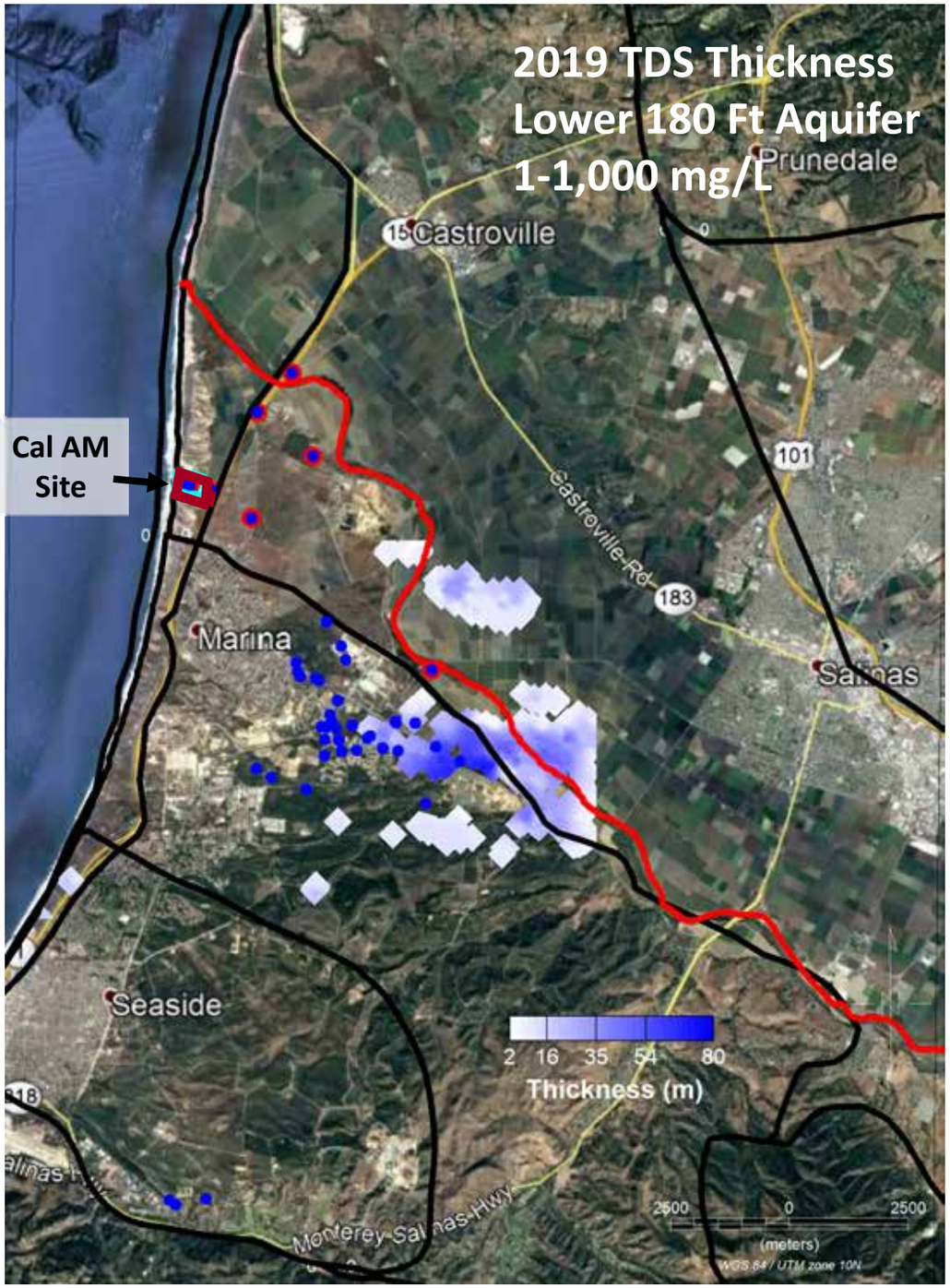

2019 TDS Thickness
Upper 180 Ft Aquifer
1-3,000 mg/L
Area West of Highway 1
180-400 Ft Aquifer Sub-basin
Cal AM Site
Monterey Sub-basin
Salinas River
Seaside Sub-basin
Prunedale
Cas
101
Marin
Salinas
Seaside
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

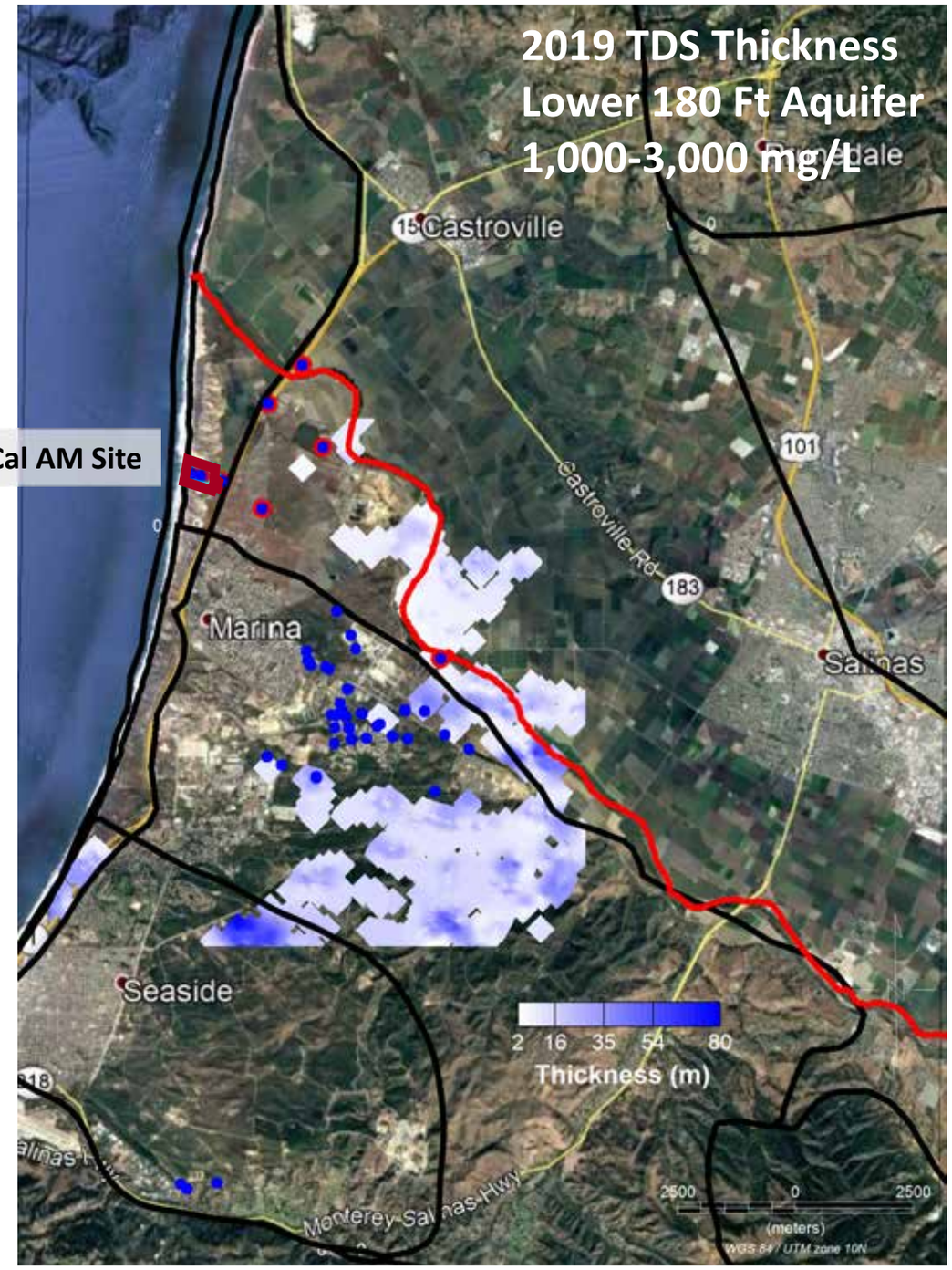

2019 TDS Thickness
Upper 180 Ft Aquifer
3,000-10,000 mg/L
Cal AM Site
Prunedale
Castroville
101
Marina
Salinas
Seaside
183
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

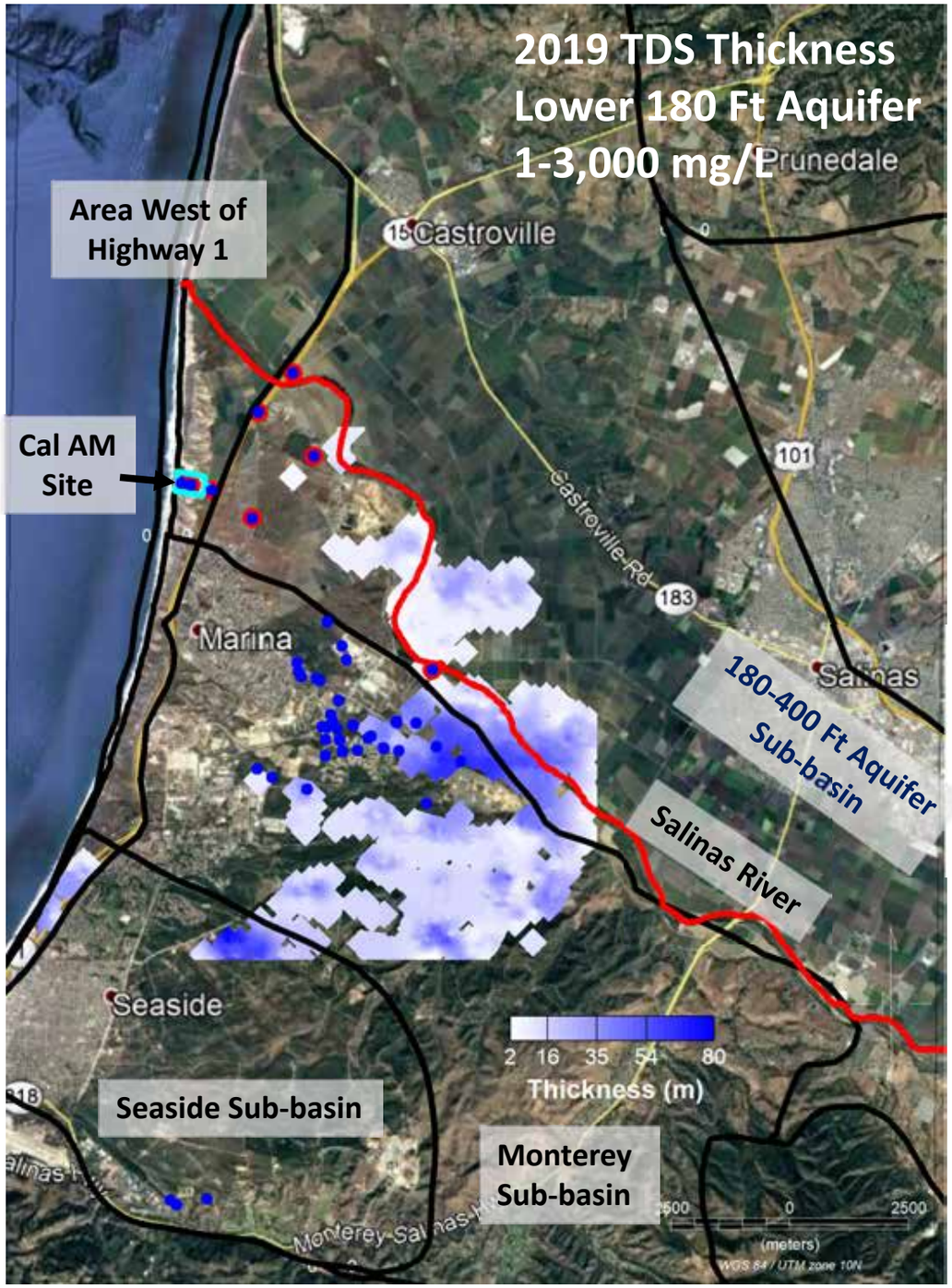

2019 TDS Thickness
Upper 180 Ft Aquifer
>10,000 mg/L
Cal AM Site
Prunedale
Castroville
101
Marina
Salinas
Seaside
183
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

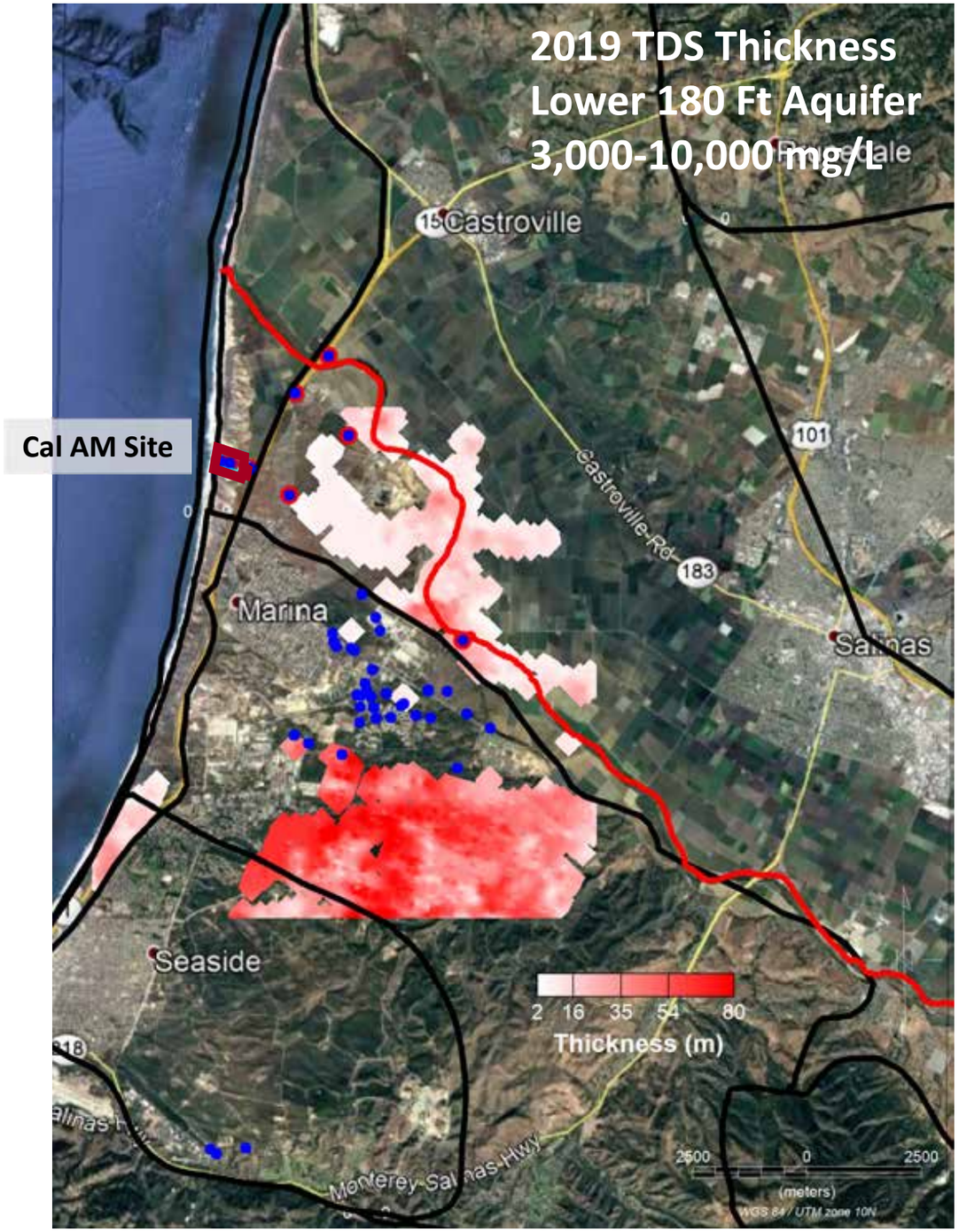

2019 TDS Thickness
Lower 180 Ft Aquifer
< 500 mg/L
Cal AM Site
Prunedale
Castroville
Castroville-Rd
101
183
Marina
Salinas
Seaside
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

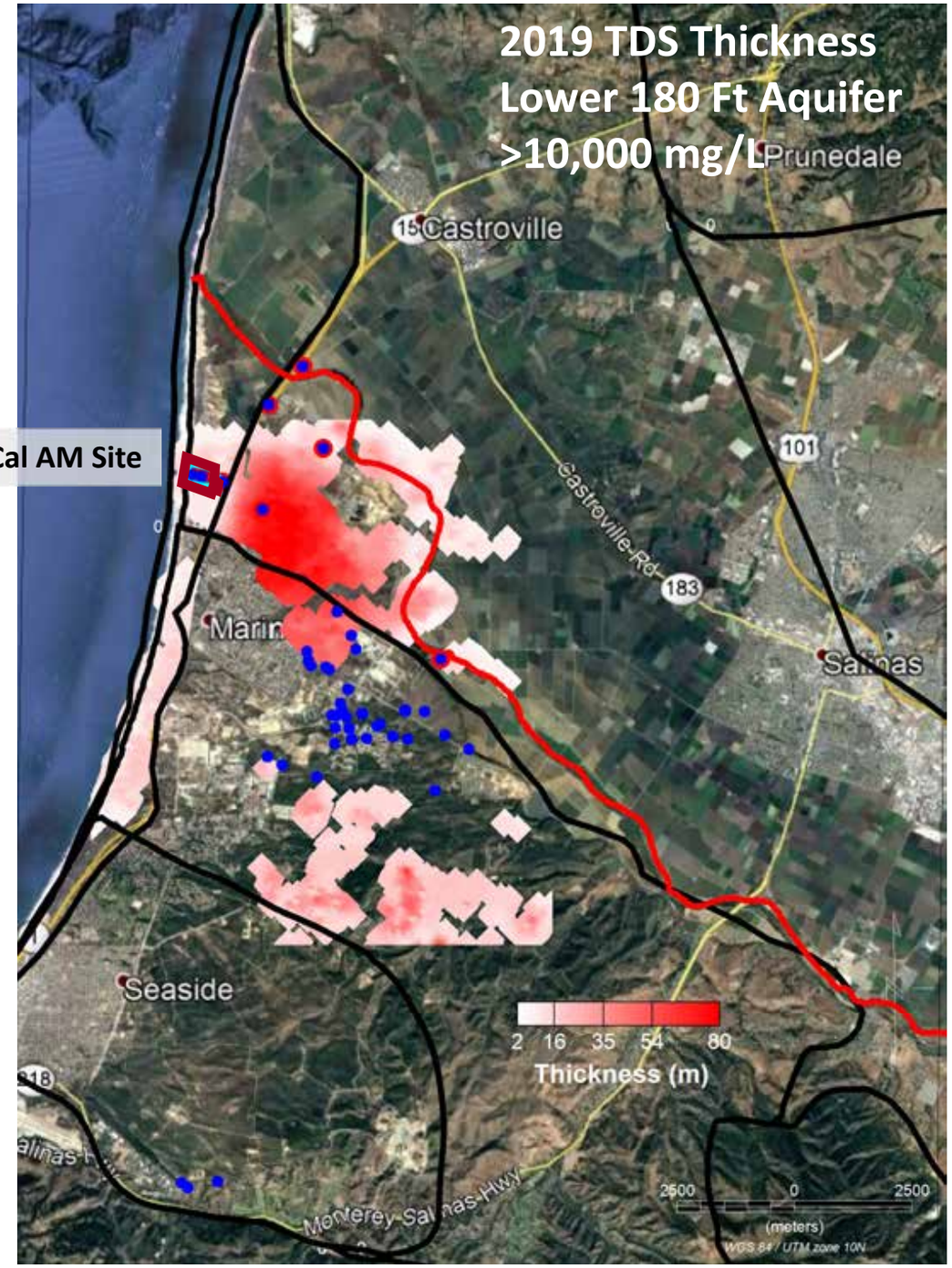

2019 TDS Thickness
Lower 180 Ft Aquifer
500-1,000 mg/L
Cal AM Site
Castroville
Castroville-Rd
101
183
Marina
Seaside
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

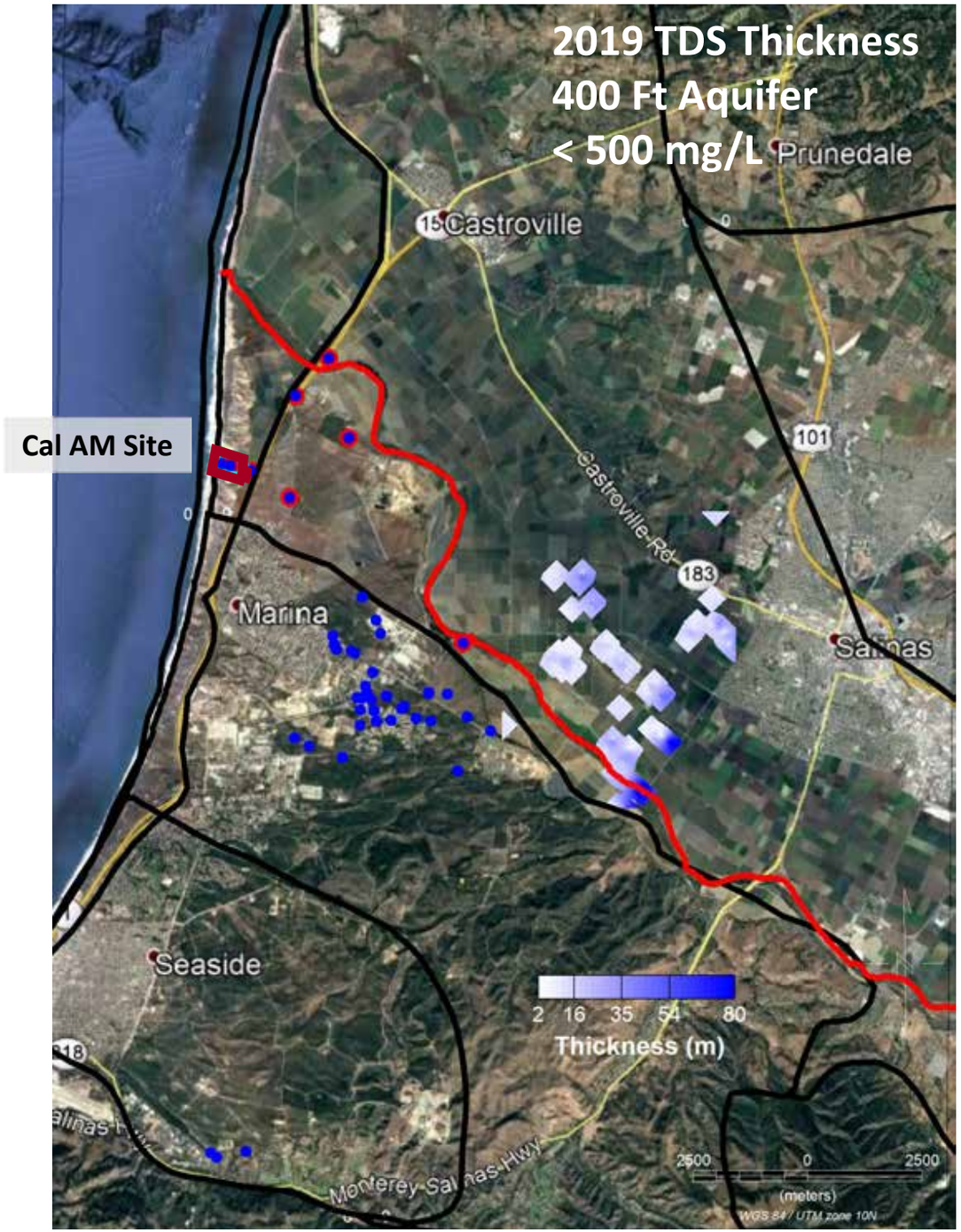

2019 TDS Thickness
Lower 180 Ft Aquifer
1-1,000 mg/L
Cal AM Site
Prunedale
Castroville
101
Castroville Rd
183
Marina
Salinas
Seaside
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

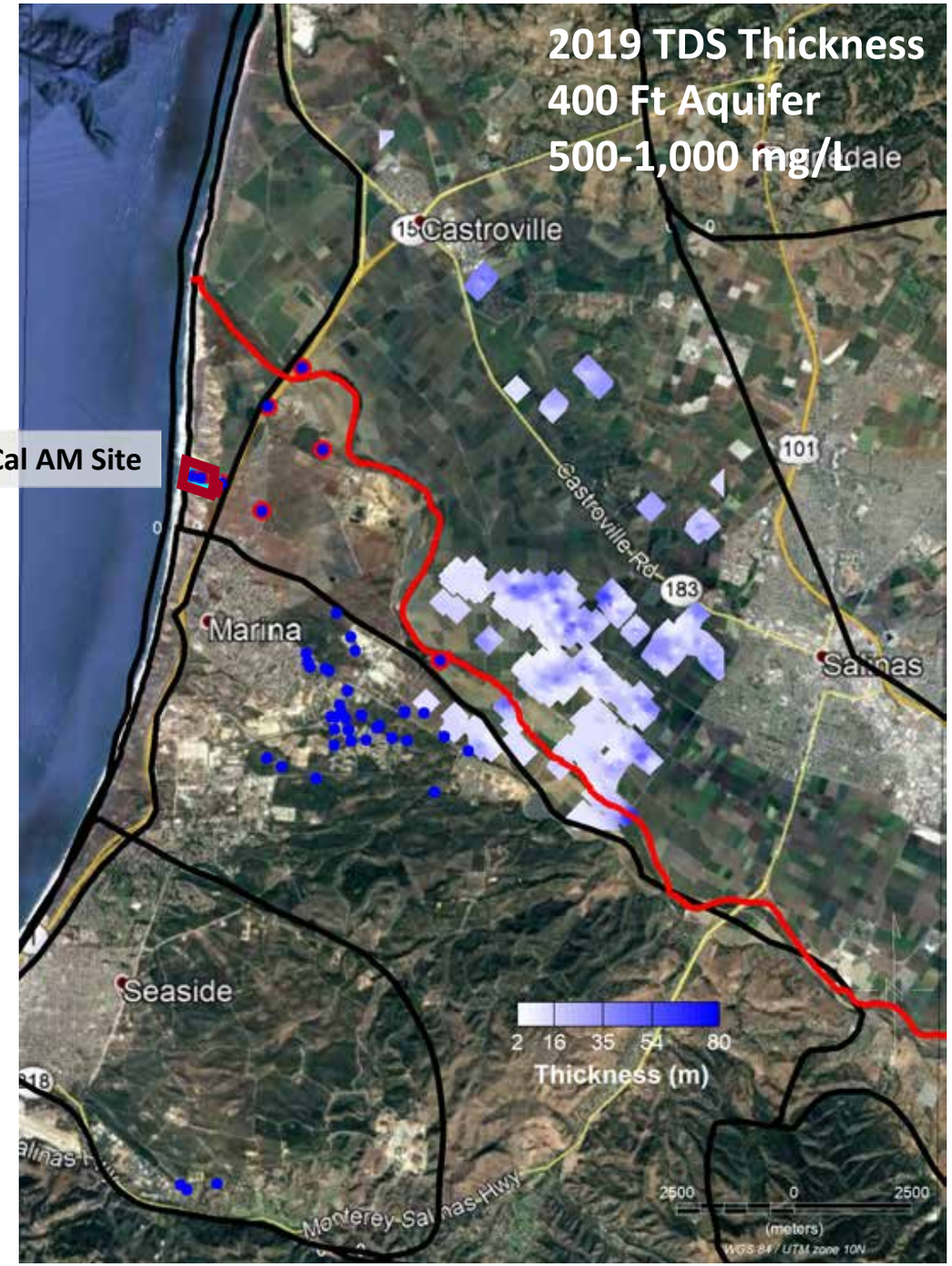

2019 TDS Thickness
Lower 180 Ft Aquifer
1,000-3,000 mg/L
Cal AM Site
Castroville
101
Castroville Rd
183
Marina
Seaside
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N


2019 TDS Thickness
Lower 180 Ft Aquifer
1-3,000 mg/L
Area West of Highway 1
Cal AM Site
Prunedale
Castroville
15
101
183
Castroville Rd
Marina
Salinas
180-400 Ft Aquifer Sub-basin
Salinas River
Seaside
2 16 35 54 80
Thickness (m)
Seaside Sub-basin
Monterey Sub-basin
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

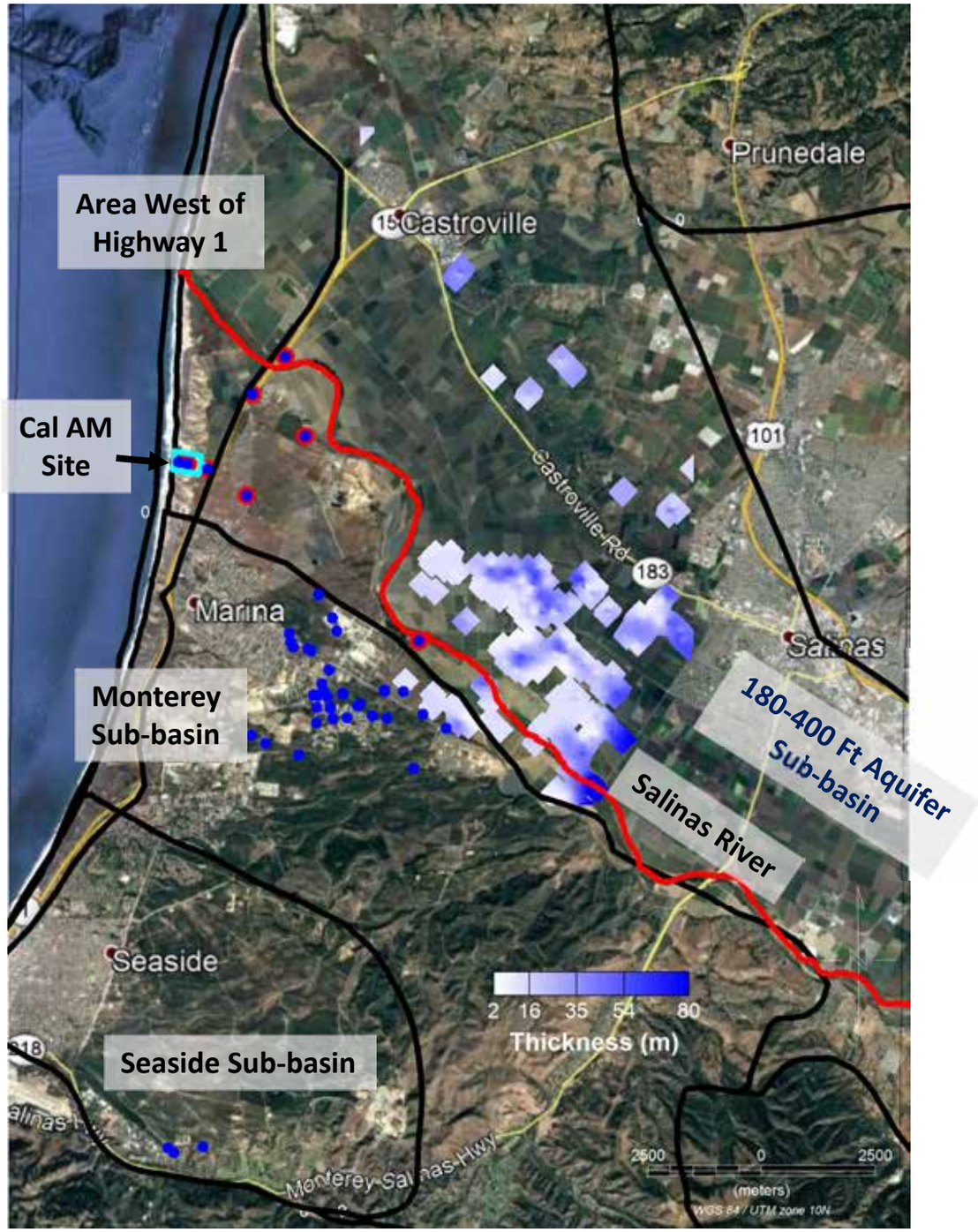

2019 TDS Thickness
Lower 180 Ft Aquifer
3,000-10,000 mg/L
Cal AM Site
Castroville
Prunedale
Marina
Salinas
Seaside
Castroville Rd
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

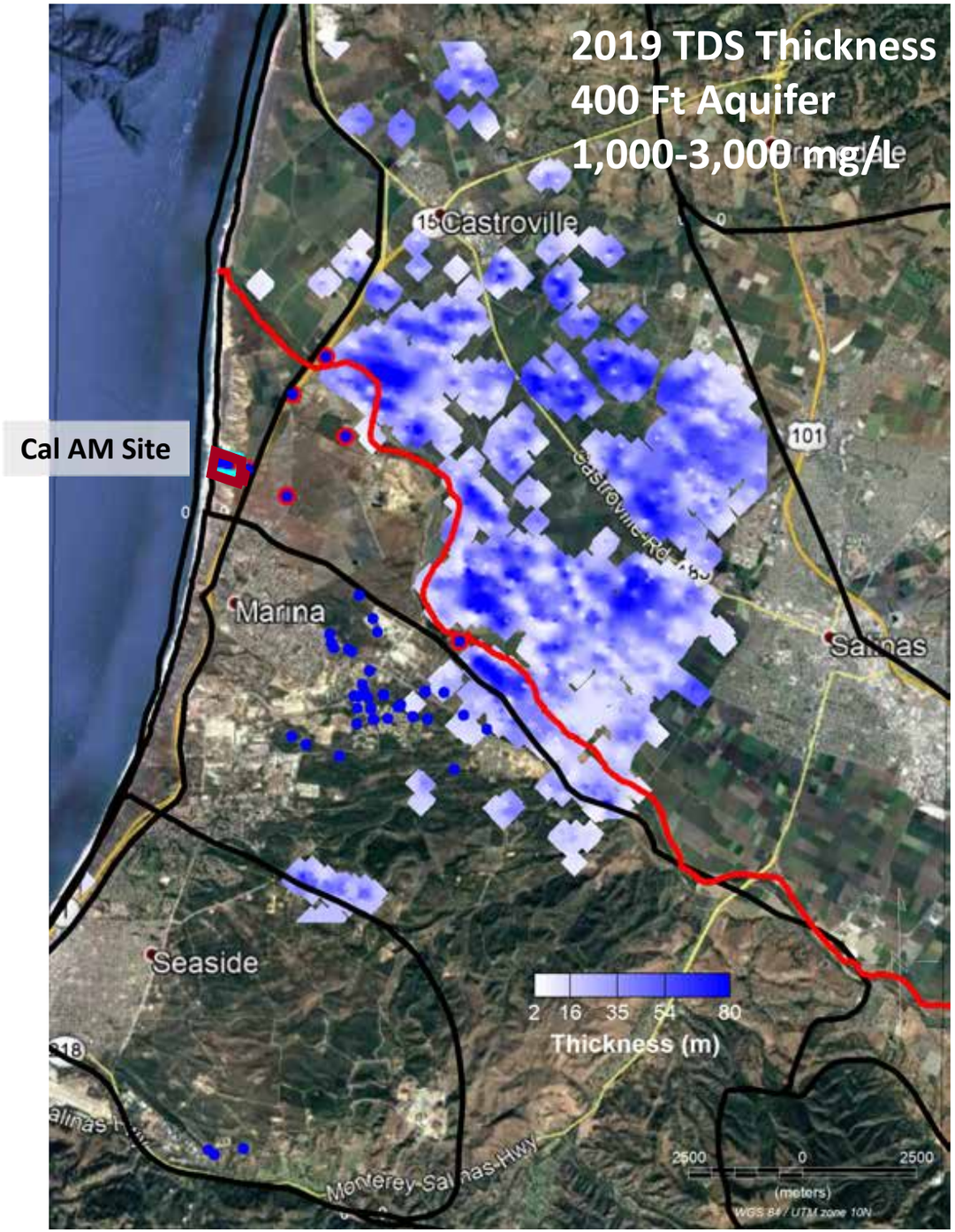

2019 TDS Thickness
Lower 180 Ft Aquifer
>10,000 mg/L
Cal AM Site
Castroville
Prunedale
Seaside
Castroville Rd
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)

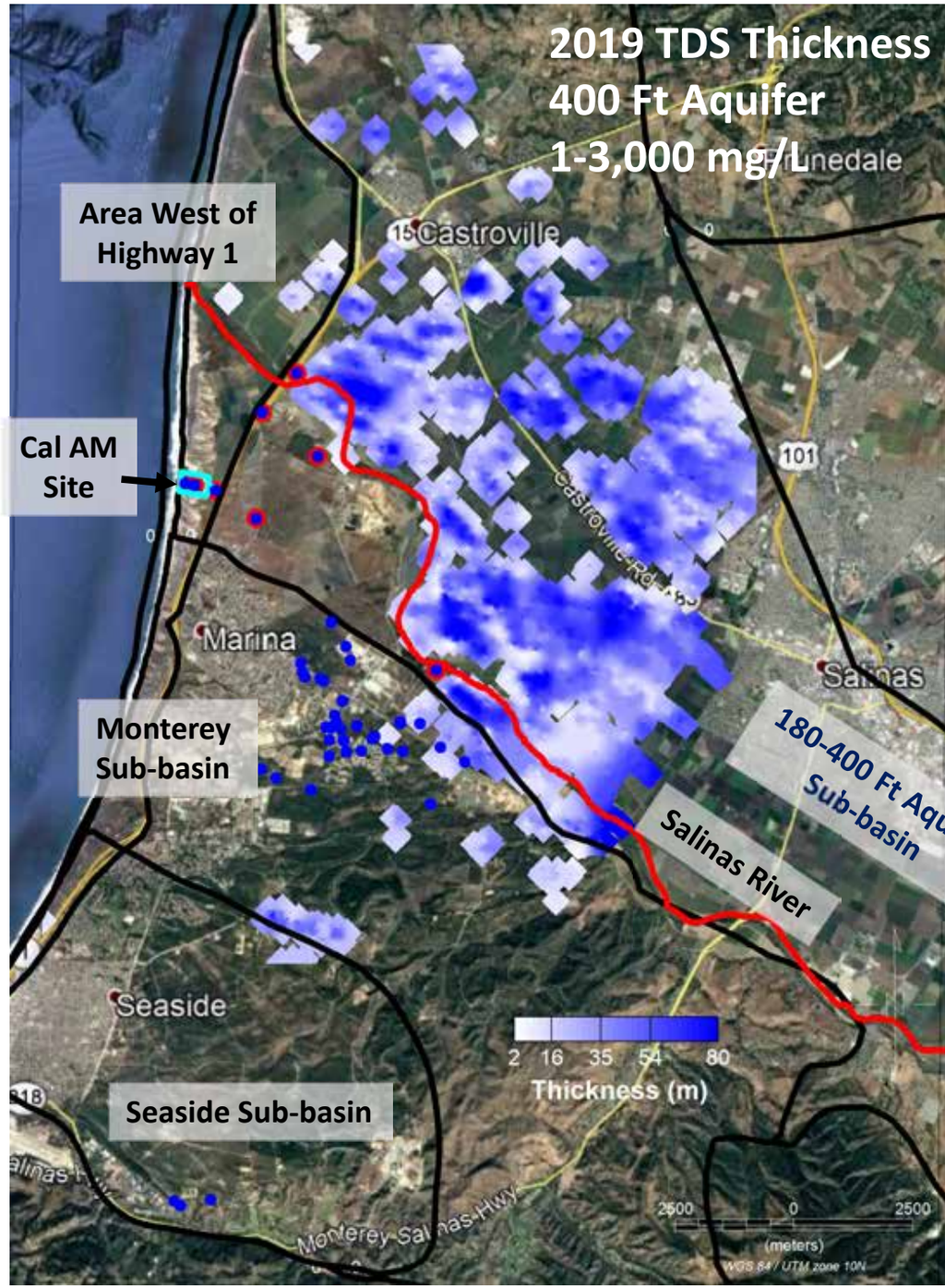

2019 TDS Thickness
400 Ft Aquifer
< 500 mg/L
Cal AM Site
Prunedale
Castroville
Castroville-Rd
101
183
Marina
Salinas
Seaside
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

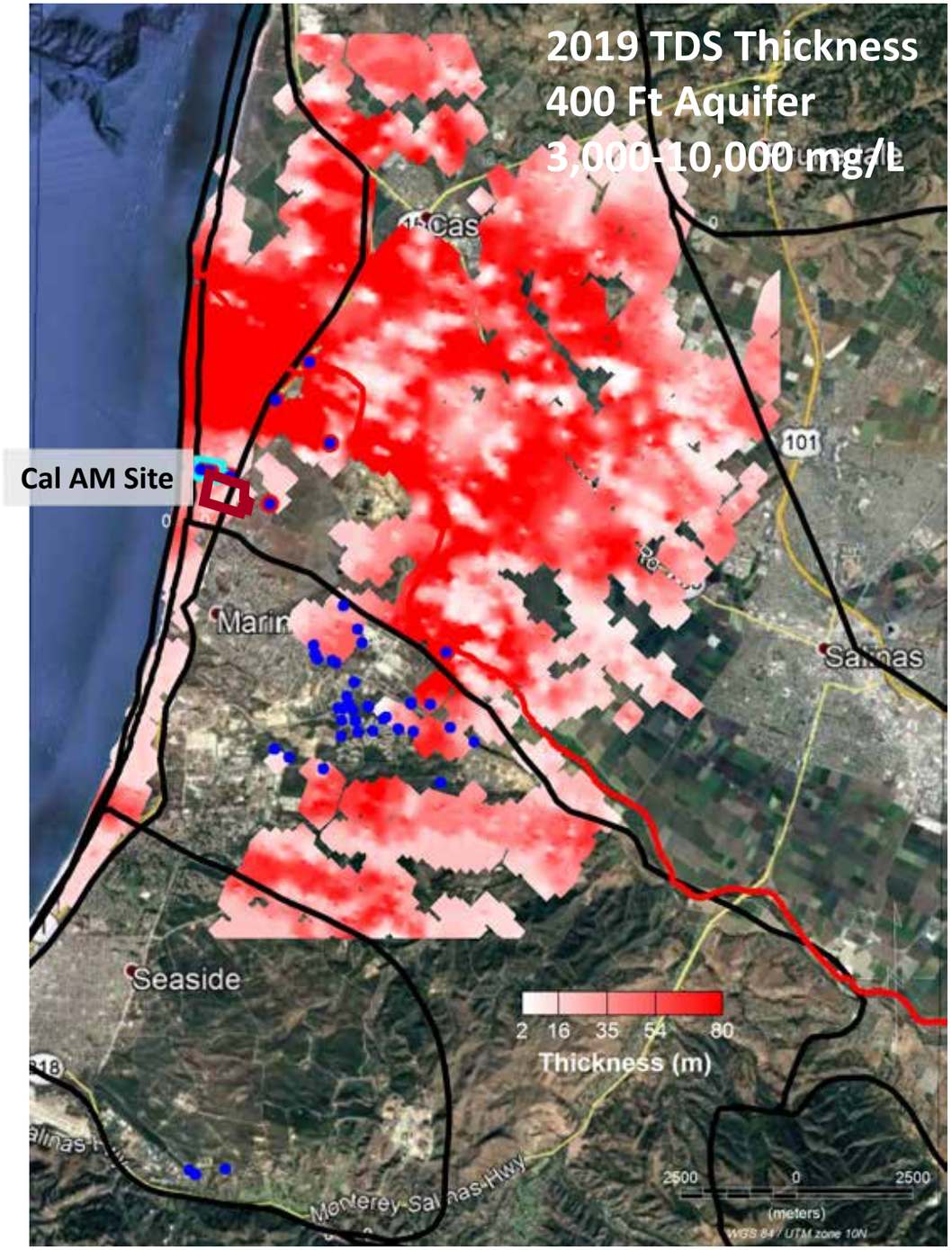

2019 TDS Thickness
400 Ft Aquifer
500-1,000 mg/L
Cal AM Site
Castroville
Castroville-Rd
101
183
Marina
Salinas
Seaside
Monterey-Salinas-Hwy
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N

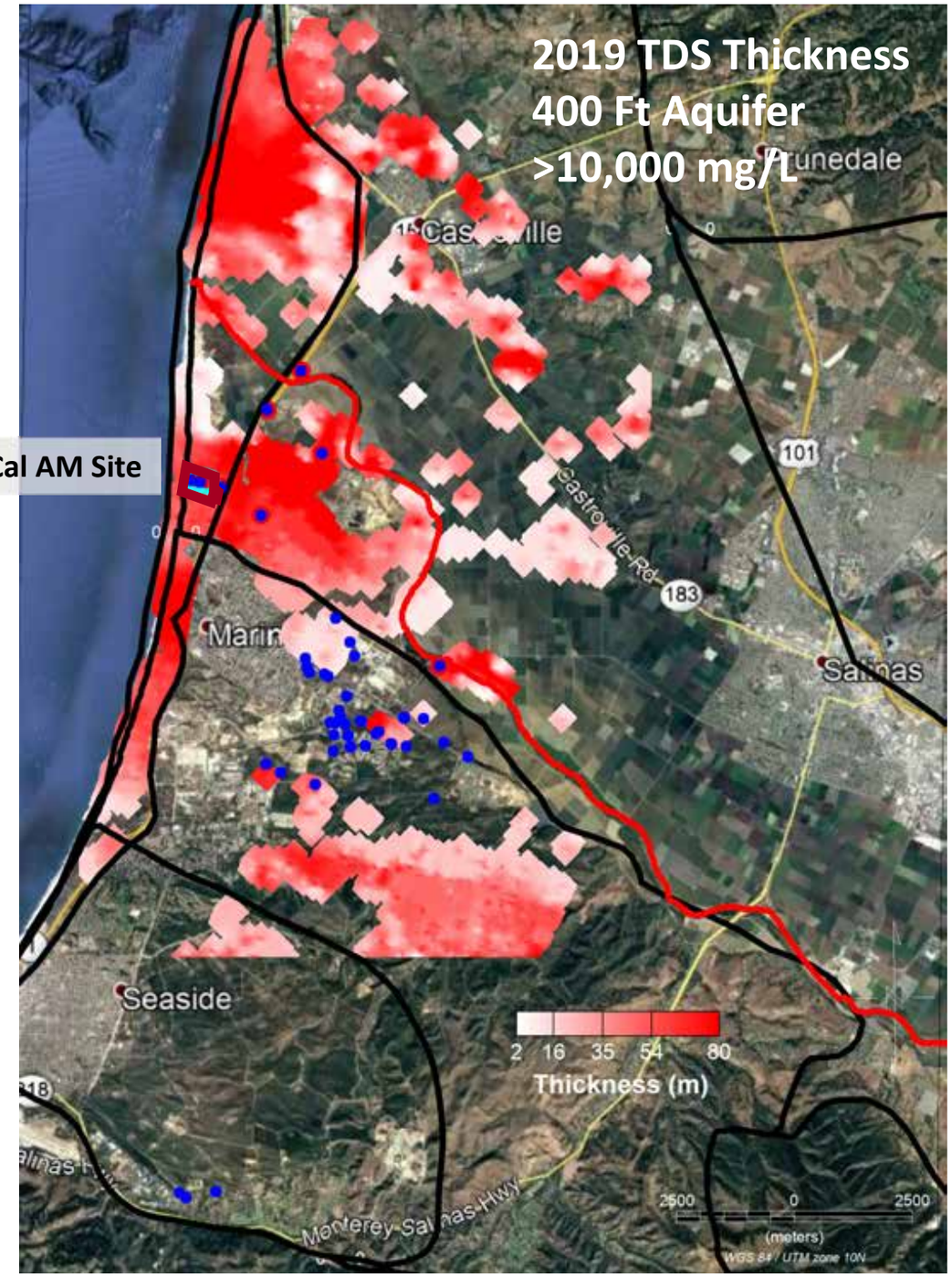
2019 TDS Thickness
400 Ft Aquifer
1-1,000 mg/L




2019 TDS Thickness
400 Ft Aquifer
1,000-3,000 mg/L
Cal AM Site
Castroville
Marina
Salinas
Seaside
101
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)


2019 TDS Thickness
400 Ft Aquifer
1-3,000 mg/L
Area West of Highway 1
Cal AM Site
Castroville
Marina
Salinas
Monterey Sub-basin
180-400 Ft Aquifer Sub-basin
Salinas River
Seaside
Seaside Sub-basin
101
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)


2019 TDS Thickness
400 Ft Aquifer
3,000-10,000 mg/L
Cal AM Site
Marina
Salinas
Seaside
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N


2019 TDS Thickness
400 Ft Aquifer
>10,000 mg/L
Cal AM Site
Marina
Salinas
Seaside
Castroville Rd
101
183
2 16 35 54 80
Thickness (m)
2500 0 2500
(meters)
WGS 84 / UTM zone 10N