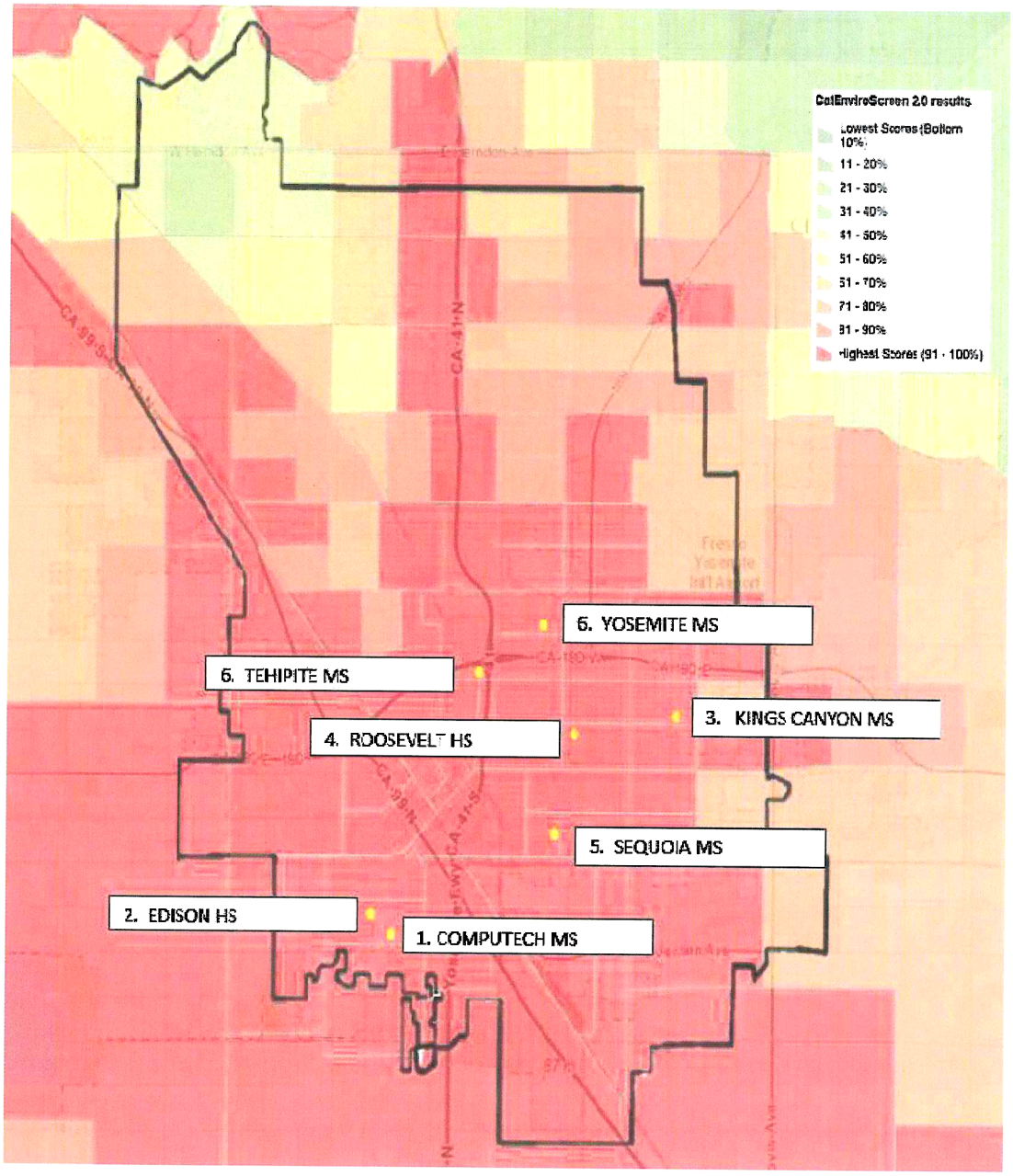
Water Energy Grant Program 2014
Attachment 7 – Disadvantaged Community – MAP
FRESNO UNFIED SCHOOL DISTRICT – SITE LEVEL EFFICIENCIES – ENERGY & WATER (SLE-EW)



SLE-EW SITES

#	SCHOOL NAME – SITE	ADDRESS	ZIP	CENSUS TRACT	CES 2.0 RANGE	FREE - REDUCED LUNCH %
1	COMPUTECH MS	555 EAS BELGRAVIA	93706	6019000902	96-100%	69.4%
2	EDISON HS	540 E. CALIFORNIA AVE.	93706	6019000902	96-100%	79.2%
3	KINGS CANYON MS	5117 E. TULARE AVE. ST	93727	6019002904	96-100%	91.4%
4	ROOSEVELT HS	4250 EAST TULARE ST.	93702	6019002702	96-100%	83.9%
5	SEQUOIA MS	4050 E. HAMILTON AVE.	93702	6019001303	96-100%	95.1%
6	TEHIPITE MS	630 N. AUGUSTA	93701	6019002400	96-100%	93.4%
7	YOSEMITE MS	1292 N. NINTH ST.	93703	6019002501	96-100%	97.5%

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School	Census Tract	CES 2.0 Percentile Range	Ozone	Ozone Pctl	PM2.5	PM2.5 Pctl	Diesel PM	Diesel PM Pctl	Drinking Water	Drinking Water Pctl
Computech	6019000902	**96-100%**	0.269893	81.91	14.6732309	97.73	40.93	92.38	519.8823702	83.30
Edison High	6019000902	**96-100%**	0.269893	81.91	14.6732309	97.73	40.93	92.38	519.8823702	83.30
Kings Canyon	6019002904	**96-100%**	0.330027	85.90	14.4180005	97.12	43.42	93.55	732.3130178	97.54
Roosevelt High	6019002702	**96-100%**	0.316224	85.14	14.5105016	97.36	33.03	85.78	519.8823702	83.30
Sequoia Middle	6019001303	**96-100%**	0.279601	82.77	14.6388752	97.63	20.61	65.83	519.8823702	83.30
Tehipite Middle	6019002400	**96-100%**	0.378935	88.83	14.3853578	97.04	60.29	97.80	519.8823702	83.30
Yosemite High	6019002501	**96-100%**	0.391988	89.40	14.3449734	96.92	51.21	96.07	519.8823702	83.30

School	Pesticides	Pesticides Pctl	Tox. Release	Tox. Release Pctl	Traffic	Traffic Pctl	Cleanup Sites	Cleanup Sites Pctl	Groundwater Threats	Groundwater Threats Pctl
Computech	29.77080764	68.02	32996.714	98.88	352.8318	14.11	12.1	69.11	6.5	27.03
Edison High	29.77080764	68.02	32996.714	98.88	352.8318	14.11	12.1	69.11	6.5	27.03
Kings Canyon	0.804557615	37.36	938.1065652	64.27	747.2246	42.37	0.4	5.97	18	55.59
Roosevelt High	0.004453271	6.21	2547.648077	75.07	672.7925	36.61	9	59.63	3.3	15.79
Sequoia Middle	0	0	19087.67111	97.67	514.3124	24.37	7.15	53.06	21.5	60.98
Tehipite Middle	10.32822061	59.22	1379.150989	68.63	1519.034	73.99	0	0	15	49.43
Yosemite High	0	0	1037.489562	65.30	1000.083	59.21	0	0	0	0

School	Haz. Waste	Haz. Waste Pctl	Imp. Water Bodies	Imp. Water Bodies Pctl	Solid Waste	Solid Waste Pctl	Pollution Burden	Pollution Burden Score	Pollution Burden Pctl
Computech	0.02	8.91	0	0	4.25	76.90	66.03142934	8.00433971	97.37
Edison High	0.02	8.91	0	0	4.25	76.90	66.03142934	8.00433971	97.37

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Kings Canyon	0	0	0	0	0	0	57.7776168	7.003903314	89.62
Roosevelt High	0.05	23.25	0	0	0	0	54.6110033	6.619996606	84.23
Sequoia Middle	0.525	75.34	0	0	1	37.88	59.49466139	7.212039663	92.00
Tehipite Middle	0.135	46.21	0	0	0	0	64.90745403	7.868087376	96.83
Yosemite High	0	0	0	0	0	0	51.59929139	6.254879143	77.95

School	Age	Age Pctl	Asthma	Asthma Pctl	Low Birth Weight	Low Birth Weight Pctl	Education	Education Pctl	Linguistic Isolation	Linguistic Isolation Pct
Computech	29.8	87.69	132.4	99.19	0.0617052	98.72	57.1	96.47	30.3	92.8
Edison High	29.8	87.69	132.4	99.19	0.0617052	98.72	57.1	96.47	30.3	92.8
Kings Canyon	27.1	73.31	65.689697	85.04	0.0578214	94.28	27.1	71.03	9.5	55.2
Roosevelt High	26.6	69.33	93.5	94.71	0.060007	97.49	53	94.47	26.7	89.9
Sequoia Middle	25.4	57.47	91.285344	93.98	0.0530026	73.13	58	97.00	12.5	64.9
Tehipite Middle	27.1	73.31	105.497779	97.27	0.0591101	96.30	53.1	94.54	27.7	91.0
Yosemite High	28.5	82.07	86.227314	93.03	0.0642392	99.62	53.7	94.90	15.2	71.6

School	Poverty	Poverty Pctl	Unemployment	Unemployment Pctl	Pop. Char.	Pop. Char. Score	Pop. Char. Pctl
Computech	81.2125893	98.95	32.71	99.72	96.22414122	10	100.00
Edison High	81.2125893	98.95	32.71	99.72	96.22414122	10	100.00
Kings Canyon	53.63036304	78.65	20.27	93.61	78.74399209	8.1834054	94.14
Roosevelt High	77.68910479	97.88	15.21	79.56	89.06006055	9.2554872	99.42
Sequoia Middle	83.79416283	99.36	18.58	90.45	82.32951807	8.5560775	97.01
Tehipite Middle	83.07468477	99.29	19.3	92.05	91.96938753	9.5578026	99.86
Yosemite High	90.74146724	99.89	28.09	99.01	91.44443338	9.5032424	99.79

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MEASURABLE BENEFIT TO DISADVANTAGED COMMUITY: The Water Energy Grant Program will have a direct and measurable benefit at each of the seven (7) project sites and the system as a whole. The replacement of aging an inefficient commercial dishwashers at the target school sites will have an immediate and cumulative effect. Simply each site utilizing the newly installed, modern, efficient, and energy rated dishwashers will use less energy and water during each use cycle.

Each site cycles their dishwasher, on average 150 times per school day, (150 use cycles x 180 school days x 7 sites), equates to, at minimum 189,000 use cycles per year. The energy and water savings will be measurable and any savings will be directed to other uses at each of the disadvantaged school sites.

Secondary benefit: Savings resulting from the decrease cost of "out of warranty" servicing and repairs.

Community Benefit Percentage: 100%

Claimed Benefit Percentage Support: Fresno Unified claims a 100% community benefit. Fresno Unified services one of the most impoverished student population in California and in the nation; a review of US Census data supports this finding. The district struggles to serve its students from Pre-K to High School with the goal that they are Career or College Ready at graduation. Fresno Unified is struggling to meet its ever increasing utility and operational costs, cost savings from the project will be reinvested at each project site to support classrooms, instruction, and family programs at each site.