Attachment A
Water Quality Data Sheet
CEC Power Project

FINAL EFFLUENT QUALITY

LOS COYOTES WATER RECLAMATION PLANT FY 1998-99

Constituent	Unit	Mean	Maximum	Minimum
pH		7.25	7.5	6.9
Turbidity	NTU	1.2	2.4	0.6
Total Coliform	org./100 ml	<1	5	<1
Temperature	deg. F	77	85	78
Suspended Solids	mg/L	<1	4	<1
Settleable Solids	ml/L	<0.1	<0.1	<0.1
Total Dissolved Solids	mg/L	838	988	644
Total COD	mg/L	42	69	26
Total BOD	mg/L	5	15	1
Ammonia Nitrogen	mg/L	14.5	20.1	8.26
Organic Nitrogen	mg/L	2.22	2.9	1.00
Nitrate Nitrogen	mg/L	0.79	2.38	0.09
Nitrite Nitrogen	mg/L	1.09	1.55	0.39
Phosphate (P04)	mg/L	9.9	26.8	3.4
Fluoride	mg/L	0.74	1.08	0.56
Cyanide	mg/L	<0.01	<0.01	<0.01
Chloride	mg/L	222	257	184
Sulfate	mg/L	144	176	122
Total Alkalinity	mg/L	254	284	213
Total Hardness	mg/L	255	278	219
Calcium	mg/L	70.4	74.9	66.1
Magnesium	mg/L	19.7	22.7	15.6
Antimony	mg/L	0.0017	0.0032	0.0011
Arsenic	mg/L	0.0024	0.0028	0.0021
13arium	mg/L	0.04	0.05	0.03
Beryllium	mg/L	<0.0025	<0.0025	<0.0025
Boron	mg/L	0.62	0.67	0.52
Cadmium	mg/L	<0.003	<0.003	<0.003
Total Chromium	mg/L	<0.02	<0.04	<0.01
Copper	mg/L	<0.01	<0.01	<0.01
Iron	mg/L	0.26	0.37	0.15
Lead	mg/L	<0.02	<0.02	<0.02
Manganese	mg/L	0.06	0.06	0.05
Mercury	mg/L	<0.0003	0.0011	<0.0001
Nickel	mg/L	<0.02	0.03	<0.02
Selenium	mg/L	<0.0010	0.0011	<0.0010
Silicon (SiO2)	mg/L	23.1	23.5	22.5
Silver	mg/L	<0.01	<0.01	<0.01
Sodium	mg/L	201	224	177
Thallium	mg/L	<0.0008	<0.001	<0.0005
Zinc	mg/L	0.06	0.09	0.03
TICH	mg/L	0.02	0.03	0.02
Phenols	mg/L	<0.011	0.017	<0.006
Detergents (MBAS)	mg/L	0.49	0.72	0.26
Oil and Grease	mg/L	<1.0	1	<1.0
Sodium Adsorption Ratio		5.44	6.07	4.71
Conductivity	umhos/cm	1483	1662	1087