

ATTACHMENT D
CALIFORNIA TOXICS RULE
REASONABLE POTENTIAL ANALYSIS

VALLEY WASTE DISPOSAL COMPANY
AND CAWELO WATER DISTRICT
KERN FRONT NO. 2 TREATMENT PLANT – CAWELO RESERVOIR B
KERN COUNTY

RECEIVING WATER DATA

Constituent units CTR #	Sb µg/L #1	As µg/L #2	Be µg/L #3	Cd µg/L #4	Cr Total µg/L	Cr (III) µg/L #5a	Cr (VI) µg/L #5b	Cu µg/L #6	Pb µg/L #7	Hg µg/L #8	Ni µg/L #9	Se µg/L #10	Ag µg/L #11	Tl µg/L #12	Zn µg/L #13	CN µg/L #14	Asb MF/L #15
4/30/01	<0.02	5.0	<0.06	<0.05	1.00	1.00	<0.2	<0.05	<0.25	0.001	<0.05	<0.5	<0.2	<0.025	<2.0	<0.005	<1.53
10/25/01	2.0	6.0	<0.06	<0.05	3.00	3.00	<0.2	<0.05	<0.25	0.0659	<0.05	<0.5	<0.2	<0.025	<2.0	<0.005	<0.2
Observed Maximum SIP Section 1.4.3.1	2.0	6.0	<0.06	<0.05	3.00	3.00	<0.2	<0.05	<0.25	0.0659	<0.05	<0.5	<0.2	<0.025	<2.0	<0.005	<1.53

ATTACHMENT D – CTR ANALYSIS
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 KERN FRONT NO. 2 TREATMENT PLANT – CAWELO RESERVOIR B
 KERN COUNTY

Constituent CTR #	4,4-DDE #109	4,4-DDD #110	Dieldrin #111	alpha- Endosulfan #112	beta- Endosulfan #113	Endosulfan Sulfate #114	Endrin #115	Endrin Aldehyde #116	Heptachlor #117	Heptachlor Epoxide #118	Polychlorinated biphenyls (PCBs) #119-125	Toxaphene #126
MEC (µg/L)	<1.448	<2.086	<0.001	<0.001	<0.001	<0.001	<0.001	<0.016	<0.001	<0.002	<0.12	<0.87
Background (µg/L)	<1.448	<2.086	<0.001	<0.001	<0.001	<0.001	<0.001	<0.016	<0.001	<0.002	<0.12	<0.87
SWRCB MLs (µg/L) SIP Appendix 4	0.05	0.05	0.01	0.02	0.01	0.05	0.01	0.01	0.01	0.01	0.5	0.5
BP Obj (µg/L)	-	-	-	-	-	-	2	-	0.01	0.01	0.5	3
CMC (µg/L)	-	-	0.24 w	0.22 g	0.22 g	-	0.086 w	-	0.52 g	0.52 g		0.73
CCC (µg/L)	-	-	0.056 w	0.056 g	0.056 g	-	0.036 w	-	0.0038 g	0.0038 g	0.014 u	0.0002
H Health (µg/L) Water & Org Only	0.00059 a,c	0.00083 a,c	0.00014 a,c	110 a	110 a	110 a	0.76 a	0.76 a	0.00021 a,c	0.00010 a,c	0.00017 c,v	0.00073 a,c
H Health (µg/L) Org Only	0.00059 a,c	0.00084 a,c	0.00014 a,c	240 a	240 a	240 a	0.81 a,j	0.81 a,j	0.00021 a,c	0.00011 a,c	0.00017 c,v	0.00075 a,c
Reasonable Potential	N	N	N	N	N	N	N	N	N	N	N	N

**Footnotes taken from 40 CFR 131.38 (b)(1)