BMP PILOT STUDIES BI-WEEKLY CONFERENCE CALL
DRAFT AGENDA

DATE:	June 21, 2001 Thursday
TIME:	10:00 am – 11:00 am
PLACE:	Via phone (916-657-4102)
ATTENDEES:	Rich Horner/Chris May, Brian Currier, Cathy Beitia, Ken Smarkel, Cid Tesoro, Sayra Ramos, Barbara Ronimus, Pete Van Riper, Richard Gordon, Paul Thakur, LawCrandall, KLI, RBF, Mike Barrett.
COPIES TO:	RBF File 34123, 34218
SUBJECT:	BMP Pilot Study Status

AGENDA ITEMS

1. Revised MID (Version 16a)
2. Chemistry data analysis – Non-Detect Values
3. Final Report Update

Table 1 Performance of Austin Sand Filters

Constituent	Influent (mg/L)[1]	Effluent (mg/L)[1]	Reduction %	Expected Conc	Uncertainty (±)
TSS	90	8.6	90	7.8	1.2
Nitrate	0.64	1.10	-56	0.93x + 0.37	$1.29\left(\frac{1}{64}+\frac{(x-1.00)^2}{101}\right)^{0.5}$
TKN	2.36	1.29	45	0.60x – 0.11	$2.67\left(\frac{1}{61}+\frac{(x-1.54)^2}{300}\right)^{0.5}$
N Total	2.99	2.14	28	–	–
P Particulate				0.07	0.02
P Dissolved				0.62x + 0.02	$0.29\left(\frac{1}{33}+\frac{(x-0.14)^2}{1.51}\right)^{0.5}$
P Total	0.40	0.26	35	–	–
Cu Particulate				2	0.6
Pb Particulate					
Zn Particulate				11	3.1
Cu Dissolved	10	8	17	0.76x + 1.62	$9.80\left(\frac{1}{63}+\frac{(x-8.4)^2}{6555}\right)^{0.5}$
Pb Dissolved	2	1[2]	39		
Zn Dissolved	87	23	74	0.23x + 10.6	$49.5\left(\frac{1}{63}+\frac{(x-32)^2}{118{,}027}\right)^{0.5}$
Cu Total	21	10	51	–	–
Pb Total	21	3	84	–	–
Zn Total	205	34	83	–	–
TPH-Oil[3]	1.033	0.797	23	–	–
TPH-Diesel[3]	1.169	0.732	37	–	–
Fecal Coliform[3]	6,034 MPN/100mL	1,412 MPN/100mL	77	–	–

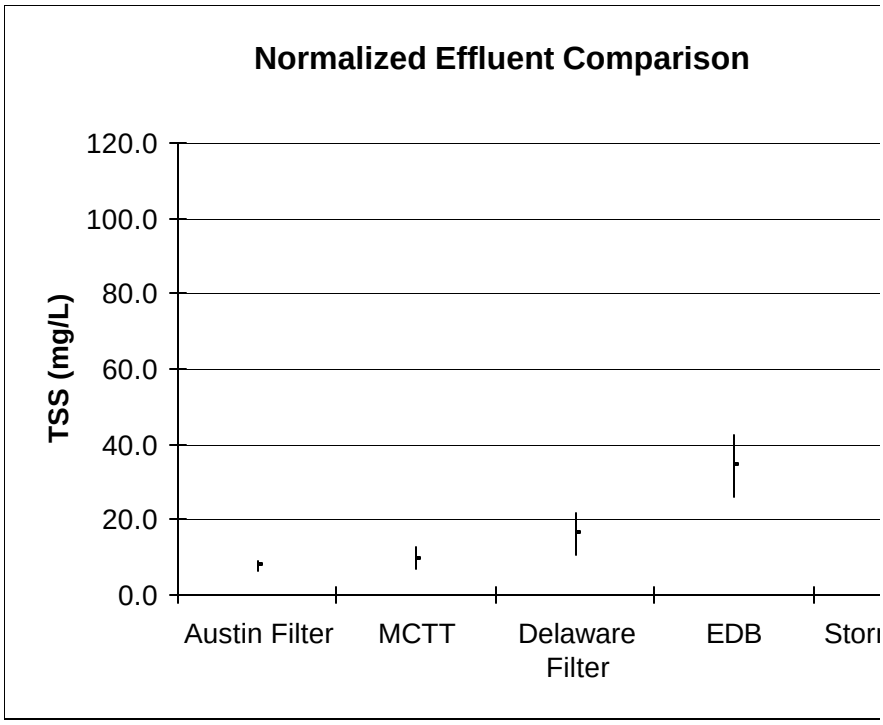
1 Concentration in µg/L for metals

2 Equals value of reporting limit

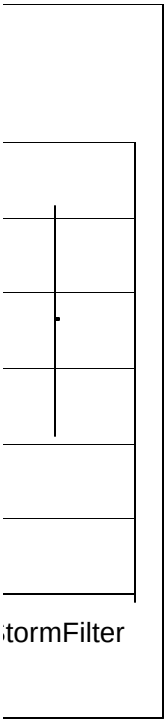
3 TPH and Coliform are collected by grab method and may not accurately reflect removal

Normalized TSS 100

	Effluent	Uncertainty		High	Low	Effluent
Austin Filter	7.8	1.2	Austin Filter	9.0	6.6	7.8
MCTT	9.8	2.8	MCTT	12.6	7.0	9.8
Delaware Filter	16.2	5.6	Delaware Filter	21.8	10.6	16.2
EDB	34.3	8.1920831	EDB	42.5	26.1	34.3
StormFilter	72.5	30.742013	StormFilter	103.2	41.8	72.5



Site	Date	Constituent	Value	Corrected Value
78/15	1/10/01	TSSinf	68	
78/15	1/10/01	TSSeff	260	
56/5	1/10/01	TSSinf	110	
56/5	1/10/01	TSSeff	220	
Eastern	4/7/01	NO3in	0.01	0.41
Foothill	4/7/01	NO3in	0.01	0.33
Eastern	1/25/01	TKNout	8.8	
Terminatio	1/25/01	TKNout	7.9	
Foothill	1/25/01	TKNout	8.4	
78/15	1/26/01	TCueff	82	
56/5	3/6/01	TPeff	0	
LaCosta	4/17/00	TZneff	1	
Escondido	3/5/00	DZneff	1	
Escondido	2/25/01	TPeff	0	
Escondido	4/21/01	TPeff	0	
Escondido	2/12/01	Tcuin	1	
Escondido	2/12/01	Tznin	1	
Via Verde	3/8/00	NO3out	8.6	
Lakewood	10/11/00	NO3in	4.4	
Lakewood	10/11/00	DZneff	294	
Lakewood	10/11/00	Dzninf	601	
Via Verde	1/11/01	Tznin	48	
Via Verde	1/11/01	TZneff	129	
Lakewood	10/11/00	Dcuin	33	
Lakewood	10/11/00	Dcueff	23	


stormFilter

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Escondido	4/21/01	TPeff	0	
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