

Annexure-IV

Discharge Effluent Quality Result
Oct'09 - March'10

Parameter	Unit	Permissible Limit	Oct'09		Nov'09		Dec'09	
			WBPCB	MCPI	WBPCB	MCPI	WBPCB	MCPI
pH		6.5 ~ 8.5	8.39	8.3	7.74	8.2	8.07	8.1
COD	mg/Lit	250	82.5	71	65.3	68	81.1	94
BOD	"	30	12.6	14	12.3	14	20.6	19
O & G	"	10	0.9	1.4	3.6	1.2	BDL	1.3
Flouride (F)	"	5	0.394	0.47	0.643	0.4	0.248	0.54
Hexavalent Chromium (Cr+6)	"	0.1	BDL	<0.01	BDL	<0.01	BDL	<0.01
Iron (Fe)	"	3	1.131	<0.01	0.447	0.12	0.548	0.1
Total Chromium (Cr)	"	2	NT	<0.01	NT	<0.01	NT	<0.01
Manganese (Mn)	"	2	0.252	<0.01	0.527	0.36	0.899	0.74
TSS	"	100	44	11	44	18	10	13
Cyanide (CN)	"	0.2	BDL	<0.01	0.12	<0.01	BDL	<0.01
Phenolic Compound	"	1	0.31	<0.01	0.31	<0.01	0.12	<0.01
Sulphide	"	2	-	-	0.031	-	-	-

Parameter	Unit	Permissible Limit	Jan'10		Feb'10		Mar'10	
			WBPCB	MCPI	WBPCB	MCPI	WBPCB	MCPI
pH		6.5 ~ 8.5	8.69	7.9	8.35	8.3		8.4
COD	mg/Lit	250	272.7	136	111.6	96	104.3	88
BOD	"	30	41.52	28	18.9	21	12.9	22
O & G	"	10	1.2	1.8	2.1	1.8		2
Flouride (F)	"	5	-	0.41		0.46		0.55
Hexavalent Chromium (Cr+6)	"	0.1	BDL	<0.01	BDL	<0.01		<0.01
Iron (Fe)	"	3	1.2	0.31	0.922	0.12		0.09
Total Chromium (Cr)	"	2	-	<0.01		<0.01		<0.01
Manganese (Mn)	"	2	-	0.81		0.66		0.28
TSS	"	100	90	18	26	22	36	14
Cyanide (CN)	"	0.2	-	<0.01		<0.01		<0.01
Phenolic Compound	"	1	-	<0.01		<0.01		<0.01
Sulphide	"	2	BDL	n/m		-		-

BDL - Below Detectable Limit

NT - Not Traceable

* - Results not yet available