

## Discharge Effluent Quality Result

### April'16 ~Sept'16

Parameter	Unit	Permissible Limit	April'17		May'17		June'17	
			WBPCB	MCPI	WBPCB	MCPI	WBPCB	MCPI
pH		6.5-8.5	7.84	8.1	7.98	8.20	7.67	8
COD	mg/Lit	250.00	46.20	52.0	48.72	67.00	15.64	47.00
BOD	"	30.00	13.96	12.0	9.34	13.00	Not done	9.00
O & G	"	10.00	BDL	2.20	2.90	2.30	1.9	2.10
Flouride (F)	"	2.00	0.24	0.58	0.21	0.58	BDL	0.38
Hexavalent Chromium (Cr+6)	"	0.10	BDL	<0.01	BDL	<0.01	BDL	<0.01
Iron (Fe)	"	3.00	0.4	0.32	0.15	0.31	0.24	0.49
Total Chromium (Cr)	"	2.00	BDL	<0.01	BDL	<0.01	0.3	<0.01
Manganese (Mn)	"	2.00	BDL	0.12	0.660	0.76	0.93	1.15
TSS	"	100.00	12.00	5.00	14.00	6.00	10.00	8.00
Cyanide (CN)	"	0.20	0.1	<0.01	0.108	<0.01	BDL	<0.01
Phenolic Compound	"	1.00	BDL	<0.01	BDL	<0.01	0.20	<0.01
Sulfide	"	2.00	0.34	<0.01	BDL	<0.1	0.196	<0.1
Arsenic(As)	"	0.20		ND		ND		ND

Parameter	Unit	Permissible Limit	Jul'17		Aug'17		Sep'17	
			WBPCB	MCPI	WBPCB	MCPI	WBPCB	MCPI
pH		6.5-8.5	7.66	8.00	7.49	7.80	8.13	8.10
COD	mg/Lit	250.00	59.74	48.00	57.54	40.00	38.64	53.00
BOD	"	30.00	13.55	8.00	7.49	7.00	6.17	11.00
O & G	"	10.00	1.20	2.30	<1.00	2.00	<1.00	2.20
Flouride (F)	"	2.00	0.560	0.450	0.650	0.58		0.89
Hexavalent Chromium (Cr+6)	"	0.10	BDL	<0.01	BDL	<0.01		<0.01
Iron (Fe)	"	3.00	0.96	0.37	1.28	0.27		0.27
Total Chromium (Cr)	"	2.00	BDL	<0.01	BDL	<0.01		<0.01
Manganese (Mn)	"	2.00	0.740	0.810	1.29	0.68		0.82
TSS	"	100.00	20.00	13.00	46.00	4.00	22.00	5.00
Cyanide (CN)	"	0.20	BDL	<0.01	BDL	<0.01		<0.01
Phenolic Compound	"	1.00	BDL	<0.01	NT	<0.01		<0.01
Sulfide	"	2.00	BDL	<0.1	BDL	<0.1	1.33	<0.1
Arsenic(As)	"	0.20		ND		ND		ND

**BDL** - Below Detectable Limit

**NT** - Not Traceable