

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

MONTH: FEBRUARY 2010

HYDRAULIC AND ORGANIC LOADINGS DATA

INFLUENT

PERCENT OF FLOW VOLUME

TOTAL FLOW TO PLANT:	140,634,000 GALLONS	KAUKAUNA	46.35
AVERAGE B.O.D. :	203 mg/L	L. CHUTE	19.86
AVERAGE SUSPENDED SOLIDS :	197 mg/L	KIMBERLY	11.44
AVERAGE PHOSPHORUS :	4.96 mg/L	C. LOCKS	4.85
AVERAGE AMMONIA-N :	26.20 mg/L	DARBOY	17.50
AVERAGE CHLORIDES :	531.67 mg/L		

MAXIMUM DAILY FLOW TO PLANT: 5,316,000 GALLONS

AVERAGE DAILY INFLUENT LOADINGS

PLANT DESIGN CRITERIA

	<u>%</u>	
FLOW :	42.2	11,900,000 GALLONS/DAY
B.O.D. :	57.9	14,651 POUNDS/DAY
SUSPENDED SOLIDS :	50.7	16,278 POUNDS/DAY
PHOSPHORUS :	51.0	407 POUNDS/DAY
AMMONIA-N :	57.2	1,920 POUNDS/DAY
CHLORIDES :		

FINAL EFFLUENT

MONTHLY AVERAGE

PERMIT LIMIT

	<u>%</u>	
cB.O.D. :	24.4	25 mg/L
SUSPENDED SOLIDS :	33.7	30 mg/L
PHOSPHORUS :	22.4	1 mg/L
AMMONIA-N :		
CHLORIDES :		