CLIENT: KING COUNTY | PROJECT: N. CREEK DIVERSION

SUBJECT: CSO STORAGE AT NORTH CREEK PUMP STATION

DETERMINE THE IMPACT TO THE NORTH CREEK PUMP STATION IF CSO STORAGE TANK IS TO DRAIN TO THE PUMP STATION WET WELL.

ASSUMPTIONS:

1. CSO FLOW TO OFF LINE STORAGE BY GRAVITY.
2. CSO BYPASS WEIR AT EL 111.0 ±
3. MAX WATER SURFACE IN WET WELL = 112.5

PUMP STATION IMPACTS

THE PRESENT DESIGN HAS THE INFLUENT PIPE TO THE WET WELL AT EL 106.3±. TO DRAIN THE CSO BASIN BY GRAVITY TO THE PUMP STATION WET WELL, THE CSO DRAIN LINE WILL NEED ENTER THE WET-WELL AT INV EL 85.0±. THIS WILL LOWER THE PUMPS AND THE BOTTOM OF THE WET-WELL APPROXIMATELY 17 FEET TO ELEVATION 83.0.

KCM	2485028-007	WG	12/21/95	1
	JOB NO.	BY	DATE	SHEET NO.