

**TABLE ES-6  
DISCHARGE CHARACTERISTICS**

Outfall No.		001(a)	001(b)	001(c)	002	005
Source		Flush-water	Potable Water System (Brine)	Wastewater Treatment System	Fire Suppression Test Water	Construction Dewatering
Flow Rate (gpd)	max.	21,600	18,060	9,360	88,200 (30 min.)	2,000,000
	avg.	21,600	3,528	2,800	--	1,000,000
Temp. (°C)	summer	amb. + 0.7	amb. + 6.0 avg	16-18 avg. 18 max.	amb.	--
	winter	amb. + 1.0	amb. + 7.0 max		No Test	amb.
pH (SU)		Combined: amb. ±0.7			amb.	amb.
Salinity (ppt)		amb.	32-65	0	amb.	amb.
BOD (mg/L)	max.	0	0	25	amb.	--
	avg.	0	0	15	amb.	--
TSS (mg/L)	max.	amb.	1.8 x amb.	34	amb.	Note 1
	avg.	amb.	1.8 x amb.	25	amb.	Note 1
TRC (mg/L)	max.	≤0.002	0	0	amb.	amb.
	avg.	≤0.002	0	0	amb.	amb.
Turbidity (NTU)	max.	amb.	1.8 x amb.	--	amb.	Note 1
	avg.	amb.	1.8 x amb.	--	amb.	Note 1
Sediment	max.	amb.	0	0	amb.	Note 1
	avg.	amb.	0	0	amb.	Note 1
Toxics, mg/L		0	15 <sup>2</sup>	0	amb.	0
Fecal Coliform No./100 ml	max.	0	0	210	amb.	--
	avg.	0	0	16	amb.	--

- Notes: 1 = The values of suspended solids, turbidity, and sediment (settleable solids) to be discharged from Outfall 005 will likely be higher than ambient. This discharge will occur discontinuously during a 2 to 4 week period in early spring (April - May).
- 2 = The listed concentration accounts for scale inhibitors added to the desalination plant influent and assumes that the concentration is conserved throughout the desalination plant. Toxics data is supplied in the NPDES Permit Application. 15 parts per million of scale inhibitor will be added at the influent to the desalination plant. This substance is described in the NPDES Permit Application as slightly toxic to humans through ingestion and as a skin, lung, and eye irritant.

amb.	=	Ambient	No./100 ml	=	Number of counts per 100 milliliters
avg.	=	Average	ppt	=	Parts per thousand
BOD	=	Biochemical oxygen demand	SU	=	Standard Units
°C	=	Degrees Celsius	Temp.	=	Temperature
gpd	=	Gallons per day	TRC	=	Total residual chlorine
max.	=	Maximum	TSS	=	Total suspended solids
mg/L	=	Milligrams per liter	≤	=	Less than or equal to