Waimanalo Gulch Sanitary Landfill Storm water Monitoring
Culvert Entrance Compliance Monitoring Stations , 23 December 2010 Discharge Event
Laboratory **Final** Data Summary Table

Method	Analyte	Unit	Screening Criteria	EPA Benchmark	CULVERT
1664A	HEM (Oil and Grease)	mg/L	15	15	2.2 J
40CFR136A 625	Alpha-Terpineol	mg/L	0.016	NA	ND
	Benzoic acid	mg/L	0.071	NA	ND
	p-Cresol	mg/L	0.014	NA	ND
	Pentachlorophenol	mg/L	0.02	NA	ND
	Phenol	mg/L	0.015	1.0	ND
EPA 200.7 Rev 4.4	Arsenic	mg/L	0.36	0.16854	0.0064 J
	Cadmium	mg/L	0.003	0.0159	ND
	Calcium	mg/L	NA	NA	52
	Iron	mg/L	1	1	**4.5**
	Lead	mg/L	0.029	0.0816	0.0048 J
	Magnesium	mg/L	NA	0.0636	27
	Potassium	mg/L	NA	NA	9.2
	Selenium	mg/L	0.02	0.2385	0.014 J
	Silver	mg/L	0.001	0.0318	ND
	Sodium	mg/L	NA	NA	120
	Zinc	mg/L	0.022	0.117	**0.044**
EPA 245.1	Mercury	mg/L	0.0024	0.0024	0.000049 J
EPA 7196	Hexavalent Chromium	µg/L	16	NA	12 **
EPA 365.1	Phosphorus, Total	mg/L	NA	2.0	0.32 B
MCAWW 350.1	Ammonia	mg/L	4.9	19	0.12 B
MCAWW 353.2	Nitrate-Nitrite as Nitrogen	mg/L	NA	0.68	0.057 J
EPA Total Nitrogen	Nitrogen, Total	mg/L	NA	NA	2.7
EPA 405.1	BOD (5-Day)	mg/L	NA	30	18
MCAWW 410.4	Chemical Oxygen Demand	mg/L	NA	120	85
SM 2540D	Total Suspended Solids	mg/L	100	100	86
MCAWW 300.0A	Bromide	mg/L	NA	NA	1.2
	Chloride	mg/L	NA	860	160
	Sulfate	mg/L	NA	NA	74
SM 2320B	Bicarbonate Alkalinity	mg/L	NA	NA	210
	Carbonate Alkalinity	mg/L	NA	NA	ND
	Total Alkalinity	mg/L	NA	NA	210
Field Method	pH	SU	5.5-8.0	6.0-9.0	7.75

Note:

Bold	exceed screening criteria
ND	not detected above the reporting limits
*	not detected above the method detection limits
**	result after subtracting the 6 ug/L detection in the reagent blank
µg/L	micrograms per liter
mg/L	milligrams per liter
B	compound was found in the blank and sample
BOD	biochemical oxygen demand
HEM	n-hexane extractable material
NA	no limitation at this time
NT	not tested
J	estimated result is less than the reporting limit but greater than or equal to the method detection limit
SU	standard unit