

EXHIBIT "K-2"

NITRATE-NITROGEN MONITORING AND VICTOR FALLS SPRINGS

Post-construction water quality monitoring of water quality impacts on Victor Falls Springs will focus on:

- (1) ground water quality from a planned shallow aquifer well, and
- (2) monitoring of the outflow from Facility CC-9 (details provided in Exhibit "K-3").

Sampling protocols and quality assurance / quality control will be derived from the freshwater chapter of the Puget Sound Estuary Program (1990) and applicable sections of the EPA 40CFR part 136(1996). The monitoring plan is shown on Table 1 and described in more detail below.

The only contribution that Cascadia makes to the Victor Falls Springs capture zone is infiltration from two wetlands receiving treated storm water from detention pond CC-9. Once CC-9 is constructed and receiving developed runoff, it would be one of the two water quality treatment facilities with monitored inflows and outflow (see Exhibit "K-3"). The results would be used to characterize outflow quality and system contaminant removal efficiency.

In addition, a new ground water monitoring well would be installed near the northern Cascadia property boundary, between the points of CC-9 discharge infiltration and Victor Falls Springs (Table 1). Monitoring at CC-9 and the new monitoring well would commence with operation of CC-9 after occupancy in the catchment, and continue for three years after development in the CC-9 catchment is complete.

Reporting

Yearly status reports will provide a comparison of post-development and baseline data. This will include analysis of nitrate to determine if it is significantly greater than predicted during the first years of development. If significant and potentially harmful differences are found, mitigation measures would be employed in consultation with the County and interested parties.

TABLE 1

Phase I Post-Construction Ground Water Monitoring Plan

Parameter	Ground Water New Well at North Boundary
Total Suspended Solids	4 times (seasonally)
Zinc	4 times (seasonally)
Copper	4 times (seasonally)
Lead	4 times (seasonally)
Cadmium	4 times (seasonally)
Hardness	4 times (seasonally)
Fecal Coliforms	4 times (seasonally)
Pesticide Screen	4 times (seasonally)
pH (in situ)	4 times (seasonally)
Temperature (in situ)	4 times (seasonally)
Dissolved Oxygen (in situ)	4 times (seasonally)
Conductivity (in situ)	4 times (seasonally)
Continuous Water Level	Yes
Continuous rainfall, temperature, evaporation	Yes
Continuous nitrate-nitrogen	Yes