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bcc: Ken Ludwa, Paul Fendt, Parametrix
Virginia Kirk, Legal
Rod Hilden, GALOB
Barbara Hinkle, HSEM
Mary Vigilante
Tom Hubbard, Tina Soike Av/PMG



Port of Seattle

November 30, 1999

171.2

Dave Hilmoe
Director of Water Quality and Supply
Seattle Public Utilities
1509 S. Spokane Street
Seattle, WA 98144-7355

Dear Mr. Hilmoe:

This letter is to report the fourth quarterly stormwater monitoring results for the Seattle-Tacoma International Airport North Employees' Parking Lot (NEPL), per Condition 7 of the Interlocal Agreement (ILA) between Port of Seattle and City of Seattle Public Utilities.

As with the three previous samples, stormwater was collected at the outlet of the bioswale from the stormwater detention vault. Rainfall for the day totaled 0.68 inches. The sample was a flow-weighted composite and was analyzed by Aquatic Research, Inc. Laboratory QA/QC data were within acceptable limits. The results from this and previous quarters are reported below, along with residential water supply criteria. The raw data from the laboratory is attached.

North Employees' Parking Lot stormwater analytical results for January 14, February 22, May 15, and October 8, 1999 and Washington State residential water supply criteria. All units are mg/L.

Parameter	Observed Value Jan. 14, 1999	Observed Value Feb. 22, 1999	Observed Value May 15, 1999 ²	Observed Value Oct. 8, 1999	Residential Water Supply Criterion ¹
Total Suspended Solids (TSS)	5.60	9.8	12	2.3	-
Tot Petro. Hydrocarbons (TPH)	0.54	0.18	0.32	<0.10	-
pH	6.4	8.2	meter failed	7.1	-
Total Cadmium	<0.00020	<0.00020	<0.00020	<0.00020	5.0
Total Copper	<0.0020	<0.0020	0.0118	0.0070	1.0
Total Lead	<0.0020	<0.0020	<0.0020	<0.0020	15.0
Total Zinc	0.049	0.038	0.124	0.102	5.0

- 1 Residential criteria are a Primary State Standard for cadmium, Residential Action Level for lead, and Secondary State Standard for copper and zinc.
- 2 TPH sample was taken on June 21, 1999.

For this 4th sample, total recoverable metal concentrations were several orders of magnitude less than residential water supply criteria. Cadmium and lead concentrations were less than the laboratory detection limit. The TPH concentration was also less than the laboratory detection limit. Copper and zinc concentrations, as well as TSS, were less than typical concentrations measured in urban streams in King County.

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Letter to Mr. Hilmo

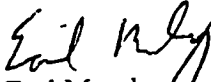
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This sample completes one year of monitoring. The monitoring results show pollutant levels substantially below criteria, with no apparent trends. The Port proposes that additional monitoring is not necessary. As stated in the ILA, the Port and the City shall confer to determine whether and on what terms monitoring shall continue for NEPL Phase 1 monitoring. The Port would be pleased to meet with you to discuss this. However, if the City does not request a meeting, the Port will discontinue monitoring.

If you have any questions regarding this letter, please contact Tom Hubbard at (206) 248-7135.

Sincerely



Earl Munday,
Aviation Project Management Group

Attachment