

August 2, 2006

Halah Voges
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, Washington 98134-1162

RE: WEEKLY AIR AND NOISE MONITORING REPORT
JUNE 19 - JUNE 23, 2006
Levee Zone Interim Action
Skykomish, Washington

Ms. Voges:

This document represents the fourth report of weekly air and noise monitoring data for the BNSF Skykomish levee zone interim action for the town of Skykomish, Washington, conducted by Argus Pacific, Inc. (Argus Pacific) during the week of June 19 through June 23, 2006. The purpose of this report is to summarize and interpret air and noise monitoring data collected in the City of Skykomish during the levee zone interim action project conducted by The RETEC Group (RETEC). Argus Pacific conducted the sampling in accordance with the BNSF Skykomish Air and Noise Monitoring Plan issued by Argus Pacific on June 20, 2006.

WORK ACTIVITIES

Argus Pacific collected chemical and respirable dust samples and noise measurements on June 20 and June 21, 2006. RETEC technicians collected respirable dust samples and noise measurements on June 19, 22, and 23 of that week. During sampling, workers removed vegetation from the levee north of the schoolyard, and cleaned and removed the monitoring wells beneath the street adjacent to the levee. Workers were also in the process of installing the water treatment system near the northwest corner of the schoolyard.

SAMPLING METHODOLOGY

All samples were collected in accordance with the methods specified in the BNSF Skykomish Air and Noise Monitoring Plan. Please refer to this Plan for specific details on sampling methodology.

On June 20, 2006, Argus Pacific collected air samples at the northwest corner of the railyard and on the north side of the schoolyard near the levee. Samples were analyzed for lead, arsenic, petroleum hydrocarbons (Naphthas), polynuclear aromatic hydrocarbons (PAHs), and diesel particulate. On June 21, 2006, Argus Pacific collected air samples for lead, arsenic, and Naphthas in the same locations. Argus Pacific also conducted respirable dust monitoring at the railyard and schoolyard on June 20 and 21, 2006. On days during the week that Argus Pacific was not on site

(June 19, 22, and 23), RETEC employees conducted respirable dust monitoring at the railyard and schoolyard. To survey noise levels, Argus Pacific and RETEC also collected noise measurements using a Quest handheld sound level meter during construction and equipment operations.

Approximate air sample locations are indicated on the attached Air Monitoring Sample Locations Plan.

SAMPLING RESULTS

A detectable concentration of diesel particulate was found on June 20, 2006 in both of the sample locations. None of the other target compounds were identified at or above the laboratory limit of detection at either of the two sampling stations. Respirable dust concentrations were below project action limits during the sampling period for the whole week. Sample results are shown below. Laboratory results and dust monitoring data are included as attachments.

JUNE 20, 2006

RAILYARD SAMPLES – REMOVING VEGETATION FROM LEVEE/INSTALLING WATER FILTERS

Sample ID	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
062006-RY-LA-1	Lead	450 minutes	2.2 µg/m ³	<2.2 µg/m ³	50 µg/m ³
	Arsenic	450 minutes	2.2 µg/m ³	<2.2 µg/m ³	10 µg/m ³
062006 -LA-FB	Lead	Field Blank	2.0 µg/sample	ND	NA
	Arsenic	Field Blank	2.0 µg/sample	ND	NA
062006-RY-N-1	Naphthas	450 minutes	0.56 mg/m ³	<0.56 mg/m ³	100 mg/m ³
062006-N-FB	Naphthas	Field Blank	0.01 mg/sample	ND	NA
060206-RY-DP-1	Diesel Particulate (as Elemental Carbon)	450 minutes	1.4 µg/m ³	1.8 µg/m ³	20 µg/m ³
060206-DP-FB	Diesel Particulate (as Elemental Carbon)	Field Blank	1.3 µg/sample	ND	NA
062006-RY-P-1	PAHs (as benzene solubles)	450 minutes	0.022 mg/m ³	<0.022 mg/m ³	0.2 mg/m ³
062006-P-FB	PAHs (as benzene solubles)	Field Blank	0.02 mg/sample	ND	NA

SCHOOLYARD SAMPLES

REMOVING VEGETATION FROM LEVEE/INSTALLING WATER FILTERS

Sample ID	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
062006-S-LA-1	Lead	447 minutes	2.2 µg/m ³	<2.2 µg/m ³	50 µg/m ³
	Arsenic	447 minutes	2.2 µg/m ³	<2.2 µg/m ³	10 µg/m ³
062006-S-N-1	Naphthas	431 minutes	0.58 mg/m ³	<0.58 mg/m ³	100 mg/m ³
060206-S-DP-1	Diesel Particulate (as Elemental Carbon)	447 minutes	1.5 µg/m ³	2.0 µg/m ³	20 µg/m ³
062006-S-P-1	PAHs (as benzene solubles)	447 minutes	0.022 mg/m ³	<0.022 mg/m ³	0.2 mg/m ³

JUNE 21, 2006

RAILYARD SAMPLES

REMOVING VEGETATION FROM LEVEE/INSTALLING WATER FILTERS

Sample Number	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
0621-RY-LA-1	Lead	475 minutes	2.1 µg/m ³	<2.1 µg/m ³	50 µg/m ³
	Arsenic	475 minutes	2.1 µg/m ³	<2.1 µg/m ³	10 µg/m ³
0615-RY-N-1	Naphthas	544 minutes	0.53 mg/m ³	<0.53 mg/m ³	100 mg/m ³

SCHOOLYARD SAMPLES

REMOVING VEGETATION FROM LEVEE/INSTALLING WATER FILTERS

Sample Number	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
0621-S-LA-1	Lead	475 minutes	2.1 µg/m ³	<2.1 µg/m ³	50 µg/m ³
	Arsenic	475 minutes	2.1 µg/m ³	<2.1 µg/m ³	10 µg/m ³
0621-S-N-1	Naphthas	547 minutes	0.53 mg/m ³	<0.53 mg/m ³	100 mg/m ³

We appreciate this opportunity to be of service to you. Please contact us at (206) 285-3373 if you have questions regarding this material, or if you require additional information.

Sincerely,



Alex Peck
Industrial Hygienist

Reviewed by,



Elisabeth Black, CIH
Argus Pacific, Inc.

Attachments:

Laboratory Certificates of Analysis

DataChem Laboratories, Batch #06I-3249-01
DataChem Laboratories, Batch #06I-3249-02
DataChem Laboratories, Batch #06I-3249-03
DataChem Laboratories, Batch #06I-3249-04

DataRam4 data for instrument D-417 (06/19/06)
DataRam4 data for instrument D-417 (06/20/06)
DataRam4 data for instrument D-417 (06/21/06)
DataRam4 data for instrument D-417 (06/22/06)
DataRam4 data for instrument D-417 (06/23/06)

Air Monitoring Sample Locations Plan (6/19 - 6/23/06)

