

August 2, 2006

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

RE: WEEKLY AIR MONITORING REPORT
JUNE 12 - JUNE 16, 2006
Levee Zone Interim Action
Skykomish, Washington

Ms. Voges:

This document represents the third report of weekly air 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 12 through June 16, 2006. The purpose of this report is to summarize and interpret air 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 samples on June 13 and June 15, 2006. During sampling, workers removed vegetation from the levee and continued to grade and prepare the railyard. Argus Pacific conducted respirable dust monitoring every day from June 12 through June 16, 2006.

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 13, 2006, Argus Pacific collected air samples at the northwest corner of the railyard and at the northwest corner of the schoolyard. Samples were analyzed for lead, arsenic, petroleum hydrocarbons (Naphthas), polynuclear aromatic hydrocarbons (PAHs), and diesel particulate. On June 15, 2006, Argus Pacific collected air samples for lead, arsenic, and Naphthas in the same locations. Approximate sample locations are indicated on the attached Air Monitoring Sample Locations Plan. Argus Pacific also conducted respirable dust monitoring at the railyard every day of that workweek, from June 12 through June 16, 2006.

SAMPLING RESULTS

On June 13, 2006, diesel particulate (as elemental carbon) was detected in both samples collected, but in concentrations well below the action limit. None of the other contaminants of concern were detected at or above the limit of detection during the sampling period on June 13 or June 15, 2006. Respirable dust concentrations were below project action limits during the sampling period on all days. Sample results are summarized below. Laboratory results and respirable dust monitoring data are included as attachments.

JUNE 13, 2006

RAILYARD SAMPLES – GRADING/PREP WORK

Sample ID	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
0613-RY-LA-1	Lead	555 minutes	0.09 $\mu\text{g}/\text{m}^3$	<0.09 $\mu\text{g}/\text{m}^3$	50 $\mu\text{g}/\text{m}^3$
	Arsenic	555 minutes	0.09 $\mu\text{g}/\text{m}^3$	<0.09 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$
0613-RY-N-1	Naphthas	555 minutes	0.44 mg/m^3	<0.44 mg/m^3	100 mg/m^3
0613-RY-DP-1	Diesel Particulate (as Elemental Carbon)	555 minutes	1.17 $\mu\text{g}/\text{m}^3$	1.3 $\mu\text{g}/\text{m}^3$	20 $\mu\text{g}/\text{m}^3$
0613-RY-PAH-1	PAHs (as benzene solubles)	555 minutes	0.018 mg/m^3	<0.018 mg/m^3	0.2 mg/m^3

SCHOOLYARD SAMPLES – REMOVING VEGETATION

Sample ID	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
0613-SY-LA-1	Lead	540 minutes	0.093 $\mu\text{g}/\text{m}^3$	<0.093 $\mu\text{g}/\text{m}^3$	50 $\mu\text{g}/\text{m}^3$
	Arsenic	540 minutes	0.093 $\mu\text{g}/\text{m}^3$	<0.093 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$
0613-SY-N-1	Naphthas	476 minutes	0.53 mg/m^3	<0.53 mg/m^3	100 mg/m^3
0613-SY-DP-1	Diesel Particulate (as Elemental Carbon)	540 minutes	1.4 $\mu\text{g}/\text{m}^3$	1.5 $\mu\text{g}/\text{m}^3$	20 $\mu\text{g}/\text{m}^3$
0613-SY-PAH-1	PAHs (as benzene solubles)	540 minutes	0.019 mg/m^3	<0.019 mg/m^3	0.2 mg/m^3

JUNE 15, 2006

RAILYARD SAMPLES - GRADING/PREP WORK

Sample Number	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
0615-RY-LA-1	Lead	544 minutes	1.8 µg/m ³	<1.8 µg/m ³	50 µg/m ³
	Arsenic	544 minutes	2.8 µg/m ³	<2.8 µg/m ³	10 µg/m ³
0615-RY-LA-FB	Lead	Field Blank	2.0 µg/sample	ND	N/A
	Arsenic	Field Blank	3.0 µg/sample	ND	N/A
0615-RY-N-1	Naphthas	544 minutes	0.45 mg/m ³	<0.45 mg/m ³	100 mg/m ³
0615-RY-N-FB	Naphthas	Field Blank	0.01 mg/sample	ND	N/A

SCHOOLYARD SAMPLES – REMOVING VEGETATION

Sample Number	Compound	Sample Time	Limit of detection	Result	Monitoring Plan Limit
0615-SY-LA-1	Lead	547 minutes	1.8 µg/m ³	<1.8 µg/m ³	50 µg/m ³
	Arsenic	547 minutes	2.7 µg/m ³	<2.7 µg/m ³	10 µg/m ³
0615-SY-LA-FB	Lead	Field Blank	2.0 µg/sample	ND	N/A
	Arsenic	Field Blank	3.0 µg/sample	ND	N/A
0615-SY-N-1	Naphthas	547 minutes	0.47 mg/m ³	<0.47 mg/m ³	100 mg/m ³
0615-SY-N-FB	Naphthas	Field Blank	0.01 mg/sample	ND	N/A

JUNE 12 - 16, 2006 RESPIRABLE DUST RESULTS

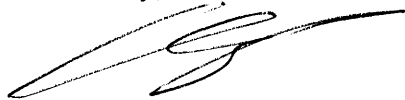
Sample Numbers	Location	Date Sample Collected	Peak Concentration (one minute)	Average Concentration	Monitoring Plan Limit
DataRam4, Serial #D417, Tag 6	Railyard	June 12, 2006	147 ug/m ³	5.02 ug/m ³	5,000 µg/m ³
DataRam4, Serial #D417, Tag 7	Railyard	June 13, 2006	21 ug/m ³	2.20 ug/m ³	
DataRam4, Serial #D417, Tag 8	Railyard	June 14, 2006	39 ug/m ³	<1 ug/m ³	
DataRam4, Serial #D417, Tag 9	Railyard	June 15, 2006	209 ug/m ³	2.29 ug/m ³	
DataRam4, Serial #D417, Tag 10	Schoolyard	June 16, 2006	21 ug/m ³	1.3 ug/m ³	

CONCLUSIONS

Based on this data, the vegetation removal conducted during the week of June 12 through June 16, 2006 did not release the contaminants of concern or respirable dust in concentrations above the action limits specified in the BNSF Skykomish Air and Noise Monitoring Plan for the areas monitored.

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

Sincerely,



Alex Peck
Industrial Hygienist

Reviewed by,



Elisabeth Black, CIH
Argus Pacific, Inc.

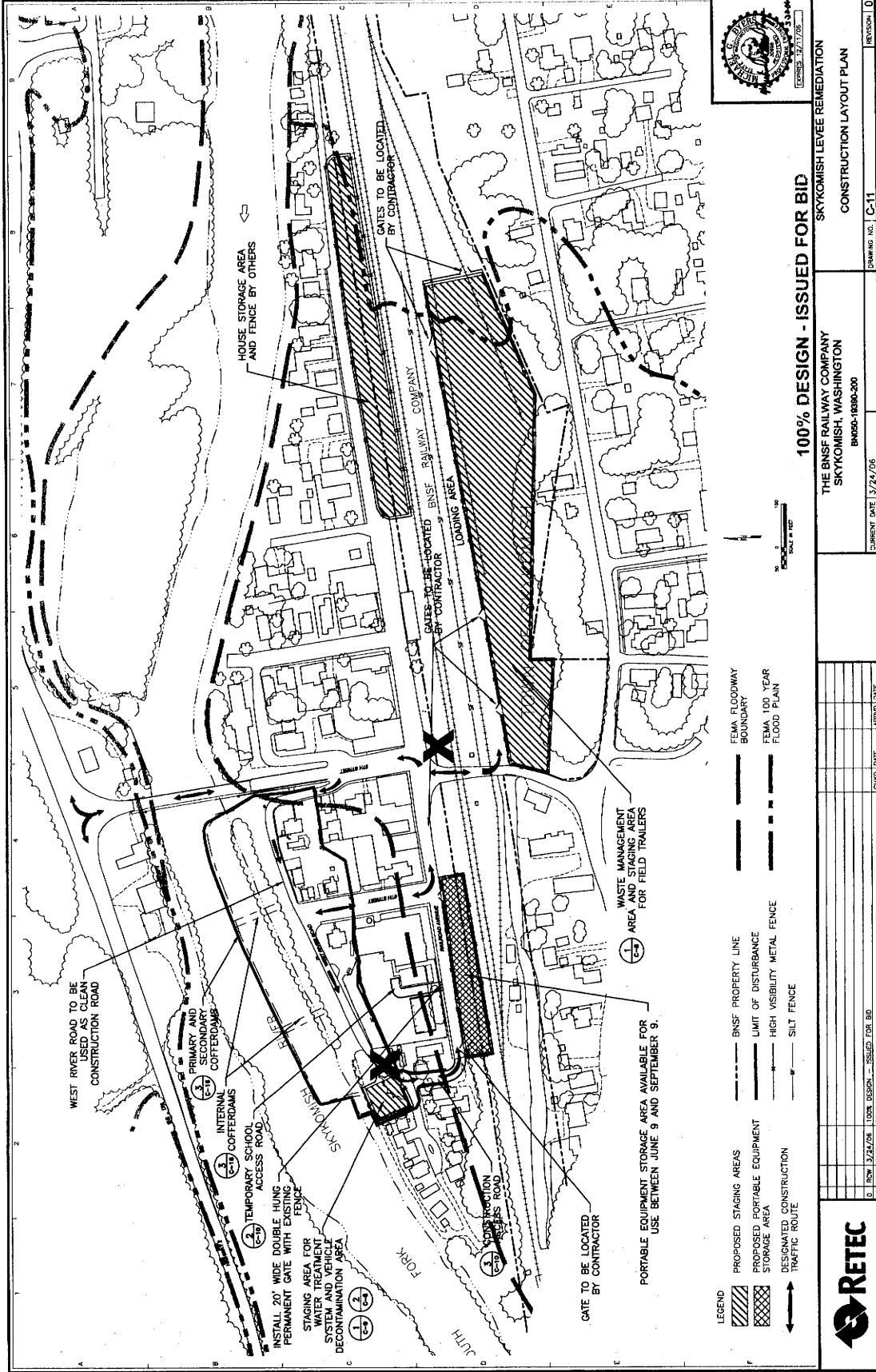
Attachments:

Laboratory Certificates of Analysis

DataChem Laboratories, Batch #06I-3051-01
DataChem Laboratories, Batch #06I-3051-02
DataChem Laboratories, Batch #06I-3051-03
DataChem Laboratories, Batch #06I-3051-04
DataChem Laboratories, Batch #06I-3096-01
DataChem Laboratories, Batch #06I-3096-02

DataRam4 data for instrument D-417 (06/12/06)
DataRam4 data for instrument D-417 (06/13/06)
DataRam4 data for instrument D-417 (06/14/06)
DataRam4 data for instrument D-417 (06/15/06)
DataRam4 data for instrument D-417 (06/16/06)

Air Monitoring Sample Locations Plan (6/12 - 6/16/06)



100% DESIGN - ISSUED FOR BID

SKYKOMISH LEVEE REMEDIATION CONSTRUCTION LAYOUT PLAN	
THE BNSF RAILWAY COMPANY SKYKOMISH, WASHINGTON BNSF-18300-200	DRAWING NO. C-11 REVISION D
CURRENT DATE 3/24/06	DESIGN DATE 3/24/06
DESIGNER CHECKED FOR BID DESIGNED FOR BID APPROVED FOR BID	DATE DATE DATE DATE

Air Monitoring Sample Locations
 June 13 and 15, 2006
 Argus Pacific, Inc.

X = Air Monitoring Locations

