

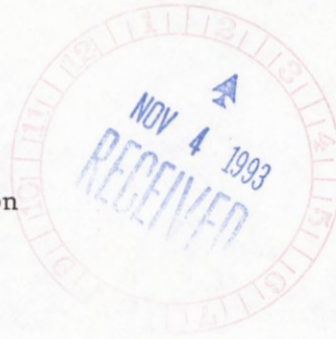


**White Pass & Yukon Route**

PACIFIC AND ARCTIC RAILWAY AND NAVIGATION COMPANY  
BRITISH COLUMBIA-YUKON RAILWAY COMPANY  
THE BRITISH YUKON RAILWAY COMPANY  
THE BRITISH YUKON NAVIGATION COMPANY, LIMITED

November 3, 1993

Mr. Randy Rice  
Contaminated Sites Coordinator  
Dept. of Environmental Conservation  
Southeast Regional Office  
410 Willoughby Ave., Suite 105  
Juneau, Alaska 99803



RE: Groundwater Sampling  
File 10.07

Dear Mr. Rice:

Attached are copies of the groundwater sampling results  
from samples taken September 27, 1993.

Static water level data collected are as follows:

MW 2	10' 4"
MW 3	8' 6"
MW 5	9' 10"
MW 5a	13' 5½"

Sincerely,

*Beryl Hosford*

Beryl Hosford  
Ass't to Vice President  
Alaska Operations

enclosures: Lab Reports 036910, 036911, 036908, 036909, 036908-13FB

cc: M.P. Taylor  
City of Skagway



**Analytical Laboratory & Consultants**  
 (Water Analysis & Consulting, Inc.)  
 361 West 5th Avenue, Eugene, OR 97401  
 Oregon Certified Lab #16  
 (503) 485-8404

Report #: 036908

P.O. No.: \_\_\_\_\_

Received: 9/29/93 1230

REPORT OF ANALYSIS OF DRINKING WATER

Beryl Hosford VOLATILE ORGANIC CHEMICALS (EPA 502.2)

System White Pass & Yukon Corp. Bill to \_\_\_\_\_  
 Address P. O. Box 435 Address \_\_\_\_\_  
Skagway, AK 99840 \_\_\_\_\_

PWS ID# \_\_\_\_\_ Source ID MW3

Sampled at \_\_\_\_\_ Sampled by Beryl Hosford

Date Collected 9/27/93 Time Collected \_\_\_\_\_

Sample Composition: Raw \_\_\_ Treated \_\_\_ / Source \_\_\_ Distribution \_\_\_ / Single \_\_\_ Combined \_\_\_

Regulated VOCs

Contaminant	Code	Method	MCL mg/l	Analysis mg/l	MDL mg/l	Analyst/Date
1,1,-Dichloroethylene	2977	502.2	0.007	ND	0.0005	GD 10/1/93
1,1,1-Trichloroethane	2981	502.2	0.2	ND	0.0005	GD 10/1/93
1,1,2-Trichloroethane	2985	502.2	0.005	ND	0.0005	GD 10/1/93
1,2-Dichloroethane	2980	502.2	0.005	ND	0.0005	GD 10/1/93
1,2-Dichloropropane	2983	502.2	0.005	ND	0.0005	GD 10/1/93
1,2,4-Trichlorobenzene	2378	502.2	0.07	ND	0.0005	GD 10/1/93
Benzene	2990	502.2	0.005	ND	0.0005	GD 10/1/93
Carbon Tetrachloride	2982	502.2	0.005	ND	0.0005	GD 10/1/93
Cis-1,2-Dichloroethylene	2380	502.2	0.07	0.0009	0.0005	GD 10/1/93
Dichloromethane	2964	502.2	0.005	ND	0.0005	GD 10/1/93
Ethylbenzene	2992	502.2	0.7	ND	0.0005	GD 10/1/93
Monochlorobenzene	2989	502.2	0.1	ND	0.0005	GD 10/1/93
O-Dichlorobenzene	2968	502.2	0.6	ND	0.0005	GD 10/1/93
P-Dichlorobenzene	2969	502.2	0.075	ND	0.0005	GD 10/1/93
Styrene	2996	502.2	0.1	ND	0.0005	GD 10/1/93
Tetrachloroethylene	2987	502.2	0.005	0.0526	0.0005	GD 10/1/93
Toluene	2991	502.2	1.0	ND	0.0005	GD 10/1/93
Total Xylenes	2955	502.2	10.0	ND	0.0005	GD 10/1/93
Trans-1,2-Dichloroethylene	2979	502.2	0.1	ND	0.0005	GD 10/1/93
Trichloroethylene	2984	502.2	0.005	0.0109	0.0005	GD 10/1/93
Vinyl Chloride	2976	502.2	0.002	ND	0.0005	GD 10/1/93

ND means "None Detected"

**Analytical Laboratory & Consultants**

(Water Analysis & Consulting, Inc.)  
 361 West 5th Avenue, Eugene, OR 97401  
 Oregon Certified Lab #16  
 (503) 485-8404

Report #: 036908-13FB

P.O. No.: \_\_\_\_\_

Received: 9/29/93 1230**REPORT OF ANALYSIS OF DRINKING WATER**Beryl Hosford **VOLATILE ORGANIC CHEMICALS (EPA 502.2)**System White Pass & Yukon Corp. Bill to \_\_\_\_\_Address P. O. Box 435 Address \_\_\_\_\_Skagway, AK 99840PWS ID# \_\_\_\_\_ Source ID Field Blank

Sampled at \_\_\_\_\_ Sampled by \_\_\_\_\_

Date Collected Samples 9/27/93 Time Collected \_\_\_\_\_

Sample Composition: Raw \_\_\_ Treated \_\_\_ / Source \_\_\_ Distribution \_\_\_ / Single \_\_\_ Combined \_\_\_

**Regulated VOCs**

<u>Contaminant</u>	<u>Code</u>	<u>Method</u>	<u>MCL mg/l</u>	<u>Analysis mg/l</u>	<u>MDL mg/l</u>	<u>Analyst/Date</u>
1,1,-Dichloroethylene	2977	502.2	0.007	ND	0.0005	GD 10/4/93
1,1,1-Trichloroethane	2981	502.2	0.2	ND	0.0005	GD 10/4/93
1,1,2-Trichloroethane	2985	502.2	0.005	ND	0.0005	GD 10/4/93
1,2-Dichloroethane	2980	502.2	0.005	ND	0.0005	GD 10/4/93
1,2-Dichloropropane	2983	502.2	0.005	ND	0.0005	GD 10/4/93
1,2,4-Trichlorobenzene	2378	502.2	0.07	ND	0.0005	GD 10/4/93
Benzene	2990	502.2	0.005	ND	0.0005	GD 10/4/93
Carbon Tetrachloride	2982	502.2	0.005	ND	0.0005	GD 10/4/93
Cis-1,2-Dichloroethylene	2380	502.2	0.07	ND	0.0005	GD 10/4/93
Dichloromethane	2964	502.2	0.005	ND	0.0005	GD 10/4/93
Ethylbenzene	2992	502.2	0.7	ND	0.0005	GD 10/4/93
Monochlorobenzene	2989	502.2	0.1	ND	0.0005	GD 10/4/93
O-Dichlorobenzene	2968	502.2	0.6	ND	0.0005	GD 10/4/93
P-Dichlorobenzene	2969	502.2	0.075	ND	0.0005	GD 10/4/93
Styrene	2996	502.2	0.1	ND	0.0005	GD 10/4/93
Tetrachloroethylene	2987	502.2	0.005	ND	0.0005	GD 10/4/93
Toluene	2991	502.2	1.0	ND	0.0005	GD 10/4/93
Total Xylenes	2955	502.2	10.0	ND	0.0005	GD 10/4/93
Trans-1,2-Dichloroethylene	2979	502.2	0.1	ND	0.0005	GD 10/4/93
Trichloroethylene	2984	502.2	0.005	ND	0.0005	GD 10/4/93
Vinyl Chloride	2976	502.2	0.002	ND	0.0005	GD 10/4/93

ND means "None Detected"



**Analytical Laboratory & Consultants**

(Water Analysis & Consulting, Inc.)  
361 West 5th Avenue, Eugene, OR 97401  
Oregon Certified Lab #16  
(503) 485-8404

Lab Report: 036909

P.O. No.: \_\_\_\_\_

Received: 9/29/93 1230

**REPORT OF ANALYSIS OF DRINKING WATER**

Beryl Hosford **VOLATILE ORGANIC CHEMICALS (EPA 502.2)**

System White Pass & Yukon Corp. Bill to \_\_\_\_\_

Address P. O. Box 435 Address \_\_\_\_\_

Skagway, AK 99840 \_\_\_\_\_

PWS ID# \_\_\_\_\_ Source ID MW2

Sampled at \_\_\_\_\_ Sampled by Beryl Hosford

Date Collected 9/27/93 Time Collected \_\_\_\_\_

Sample Composition: Raw \_\_\_ Treated \_\_\_ / Source \_\_\_ Distribution \_\_\_ / Single \_\_\_ Combined \_\_\_

**Regulated VOCs**

<u>Contaminant</u>	<u>Code</u>	<u>Method</u>	<u>MCL mg/l</u>	<u>Analysis mg/l</u>	<u>MDL mg/l</u>	<u>Analyst/Date</u>
1,1,-Dichloroethylene	2977	502.2	0.007	ND	0.0005	GD 10/4/93
1,1,1-Trichloroethane	2981	502.2	0.2	0.0516	0.0005	GD 10/4/93
1,1,2-Trichloroethane	2985	502.2	0.005	ND	0.0005	GD 10/4/93
1,2-Dichloroethane	2980	502.2	0.005	ND	0.0005	GD 10/4/93
1,2-Dichloropropane	2983	502.2	0.005	ND	0.0005	GD 10/4/93
1,2,4-Trichlorobenzene	2378	502.2	0.07	ND	0.0005	GD 10/4/93
Benzene	2990	502.2	0.005	0.0076	0.0005	GD 10/4/93
Carbon Tetrachloride	2982	502.2	0.005	ND	0.0005	GD 10/4/93
Cis-1,2-Dichloroethylene	2380	502.2	0.07	0.0593	0.0005	GD 10/4/93
Dichloromethane	2964	502.2	0.005	ND	0.0005	GD 10/4/93
Ethylbenzene	2992	502.2	0.7	ND	0.0005	GD 10/4/93
Monochlorobenzene	2989	502.2	0.1	ND	0.0005	GD 10/4/93
o-Dichlorobenzene	2968	502.2	0.6	ND	0.0005	GD 10/4/93
p-Dichlorobenzene	2969	502.2	0.075	ND	0.0005	GD 10/4/93
Styrene	2996	502.2	0.1	ND	0.0005	GD 10/4/93
Tetrachloroethylene	2987	502.2	0.005	0.0264	0.0005	GD 10/4/93
Toluene	2991	502.2	1.0	ND	0.0005	GD 10/4/93
Total Xylenes	2955	502.2	10.0	ND	0.0005	GD 10/4/93
Trans-1,2-Dichloroethylene	2979	502.2	0.1	ND	0.0005	GD 10/4/93
Trichloroethylene	2984	502.2	0.005	0.0690	0.0005	GD 10/4/93
Vinyl Chloride	2978	502.2	0.002	ND	0.0005	GD 10/4/93

ND means "None Detected"



**Analytical Laboratory & Consultants**  
 (Water Analysis & Consulting, Inc.)  
 361 West 5th Avenue, Eugene, OR 97401  
 Oregon Certified Lab #16  
 (503) 485-8404

Law Report: 036910

P.O. No.: \_\_\_\_\_

Received: 9/29/93 1230

REPORT OF ANALYSIS OF DRINKING WATER

Beryl Hosford VOLATILE ORGANIC CHEMICALS (EPA 502.2)

System White Pass & Yukon Corp. Bill to \_\_\_\_\_  
 Address P. O. Box 435 Address \_\_\_\_\_  
Skagway, AK 99840

PWS ID# \_\_\_\_\_ Source ID MW5

Sampled at \_\_\_\_\_ Sampled by Beryl Hosford

Date Collected 9/27/93 Time Collected \_\_\_\_\_

Sample Composition: Raw \_\_\_ Treated \_\_\_ / Source \_\_\_ Distribution \_\_\_ / Single \_\_\_ Combined \_\_\_

Regulated VOCs

Contaminant	Code	Method	MCL mg/l	Analysis mg/l	MDL mg/l	Analyst/Date
1,1,-Dichloroethylene	2977	502.2	0.007	ND	0.0005	GD 9/29/93
1,1,1-Trichloroethane	2981	502.2	0.2	ND	0.0005	GD 9/29/93
1,1,2-Trichloroethane	2985	502.2	0.005	ND	0.0005	GD 9/29/93
1,2-Dichloroethane	2980	502.2	0.005	ND	0.0005	GD 9/29/93
1,2-Dichloropropane	2983	502.2	0.005	ND	0.0005	GD 9/29/93
1,2,4-Trichlorobenzene	2378	502.2	0.07	ND	0.0005	GD 9/29/93
Benzene	2990	502.2	0.005	ND	0.0005	GD 9/29/93
Carbon Tetrachloride	2982	502.2	0.005	ND	0.0005	GD 9/29/93
Cis-1,2-Dichloroethylene	2380	502.2	0.07	ND	0.0005	GD 9/29/93
Dichloromethane	2964	502.2	0.005	ND	0.0005	GD 9/29/93
Ethylbenzene	2992	502.2	0.7	ND	0.0005	GD 9/29/93
Monochlorobenzene	2989	502.2	0.1	ND	0.0005	GD 9/29/93
O-Dichlorobenzene	2968	502.2	0.6	ND	0.0005	GD 9/29/93
P-Dichlorobenzene	2969	502.2	0.075	ND	0.0005	GD 9/29/93
Styrene	2996	502.2	0.1	ND	0.0005	GD 9/29/93
Tetrachloroethylene	2987	502.2	0.005	ND	0.0005	GD 9/29/93
Toluene	2991	502.2	1.0	ND	0.0005	GD 9/29/93
Total Xylenes	2955	502.2	10.0	ND	0.0005	GD 9/29/93
Trans-1,2-Dichloroethylene	2979	502.2	0.1	ND	0.0005	GD 9/29/93
Trichloroethylene	2984	502.2	0.005	ND	0.0005	GD 9/29/93
Vinyl Chloride	2976	502.2	0.002	ND	0.0005	GD 9/29/93

ND means "None Detected"



**Analytical Laboratory & Consultants**

(Water Analysis & Consulting, Inc.)  
361 West 5th Avenue, Eugene, OR 97401  
Oregon Certified Lab #16  
(503) 485-8404

Report #: 036911

P.O. No.: \_\_\_\_\_

Received: 9/29/93 1230

**REPORT OF ANALYSIS OF DRINKING WATER**

Beryl Hosford **VOLATILE ORGANIC CHEMICALS (EPA 502.2)**

System White Pass & Yukon Corp. Bill to \_\_\_\_\_  
Address P. O. Box 435 Address \_\_\_\_\_  
Skagway, AK 99840

PWS ID# \_\_\_\_\_ Source ID MW5A

Sampled at \_\_\_\_\_ Sampled by Beryl Hosford

Date Collected 9/27/93 Time Collected \_\_\_\_\_

Sample Composition: Raw \_\_\_ Treated \_\_\_ / Source \_\_\_ Distribution \_\_\_ / Single \_\_\_ Combined \_\_\_

**Regulated VOCs**

<u>Contaminant</u>	<u>Code</u>	<u>Method</u>	<u>MCL mg/l</u>	<u>Analysis mg/l</u>	<u>MDL mg/l</u>	<u>Analyst/Date</u>
1,1,-Dichloroethylene	2977	502.2	0.007	ND	0.0005	GD 10/4/93
1,1,1-Trichloroethane	2981	502.2	0.2	ND	0.0005	GD 10/4/93
1,1,2-Trichloroethane	2985	502.2	0.005	ND	0.0005	GD 10/4/93
1,2-Dichloroethane	2980	502.2	0.005	ND	0.0005	GD 10/4/93
1,2-Dichloropropane	2983	502.2	0.005	ND	0.0005	GD 10/4/93
1,2,4-Trichlorobenzene	2378	502.2	0.07	ND	0.0005	GD 10/4/93
Benzene	2990	502.2	0.005	ND	0.0005	GD 10/4/93
Carbon Tetrachloride	2982	502.2	0.005	ND	0.0005	GD 10/4/93
Cis-1,2-Dichloroethylene	2380	502.2	0.07	ND	0.0005	GD 10/4/93
Dichloromethane	2964	502.2	0.005	ND	0.0005	GD 10/4/93
Ethylbenzene	2992	502.2	0.7	ND	0.0005	GD 10/4/93
Monochlorobenzene	2989	502.2	0.1	ND	0.0005	GD 10/4/93
O-Dichlorobenzene	2968	502.2	0.6	ND	0.0005	GD 10/4/93
P-Dichlorobenzene	2969	502.2	0.075	ND	0.0005	GD 10/4/93
Styrene	2996	502.2	0.1	ND	0.0005	GD 10/4/93
Tetrachloroethylene	2987	502.2	0.005	ND	0.0005	GD 10/4/93
Toluene	2991	502.2	1.0	ND	0.0005	GD 10/4/93
Total Xylenes	2955	502.2	10.0	ND	0.0005	GD 10/4/93
Trans-1,2-Dichloroethylene	2979	502.2	0.1	ND	0.0005	GD 10/4/93
Trichloroethylene	2984	502.2	0.005	0.0007	0.0005	GD 10/4/93
Vinyl Chloride	2976	502.2	0.002	ND	0.0005	GD 10/4/93

ND means "None Detected"