ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Analytical Report

Bill Walker
Walker and Associates
2618 J Street Suite 1
Sacramento, CA 95816

July 06, 2004

cc: Lara Pucik Christensen

Project ID: YERINGTON MINE
ACZ Project ID: L46427

Bill Walker:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on June 25, 2004. This project has been assigned to ACZ's project number, L46427. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan, version 10.0. The enclosed results relate only to the samples received under L46427. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after August 06, 2004. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than $10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years. Please notify your Project Manager if you have other needs.

If you have any questions, please contact your Project Manager or Customer Service Representative.

Sue Barkey 06/Jul/04

Sue Barkey, Project Manager, has reviewed and approved this report in its entirety.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 8048 (800) 334-5493

Case Narrative

Walker and Associates

July 06, 2004

Project ID: YERINGTON MINE
ACZ Project ID: L46427

Sample Receipt

ACZ Laboratories, Inc. (ACZ) received 5 soil samples from Walker and Associates on June 25, 2004. The samples were received in good condition. Upon receipt, the sample custodian removed the samples from the cooler, inspected the contents, and logged the samples into ACZ's computerized Laboratory Information Management System (LIMS). The samples were assigned ACZ LIMS project number L46427. The custodian verified the sample information entered into the computer against the chain of custody (COC) forms and sample bottle labels.

Holding Times

All analyses were performed within EPA recommended holding times.

Sample Analysis

These samples were analyzed for organic parameters. The individual methods are referenced on both, the ACZ invoice and the analytical reports. The following anomalies required further explanation not provided by the Extended Qualifier Report:

1. For 1,1,2,2-Tetrachloroethane, the LCSS recovery was above the control limits at 183%. The LCSSD recovery was within control limits and the compound was not detected in the samples, so the data was accepted.

2. For samples L46427-01, 02 and 03, the internal standard were less than 50% of the CCV value. The samples were run twice with the same results. Samples -04 and 05 were in control limits in the Matrix Spike (MS). L46427-05 was within control limits in the Matrix Spike Duplicate (MSD). In all cases the surrogates were within control limits even though there were low internal standard returns. The data and target analytes seemed reasonable.

ACZ Laboratories, Inc.
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Organic Analytical Results

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P1

ACZ Sample ID: ***L46427-01***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260B GC/MS**
Extract Method: **Method**

Analyst: *jj*
Extract Date: *06/30/04 17:02*
Analysis Date: *06/30/04 17:02*
Dilution Factor: *1*

Compound

Compound	CAS	Result	QUAL	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	000630-20-6		U	*	ug/Kg	4	10
1,1,1-Trichloroethane	000071-55-6		U	*	ug/Kg	10	30
1,1,2,2-Tetrachloroethane	000079-34-5		U	*	ug/Kg	3	10
1,1,2-Trichloroethane	000079-00-5		U	*	ug/Kg	4	10
1,1-Dichloroethane	000075-34-3		U	*	ug/Kg	4	10
1,1-Dichloroethene	000075-35-4		U	*	ug/Kg	4	10
1,1-Dichloropropene	000563-58-6		U	*	ug/Kg	4	10
1,2,3-Trichlorobenzene	000087-61-6		U	*	ug/Kg	4	10
1,2,3-Trichloropropane	000096-18-4		U	*	ug/Kg	4	10
1,2,4-Trichlorobenzene	000120-82-1		U	*	ug/Kg	3	10
1,2,4-Trimethylbenzene	000095-63-6		U	*	ug/Kg	4	10
1,2-Dibromo-3-chloropropane	000096-12-8		U	*	ug/Kg	4	10
1,2-Dibromoethane	000106-93-4		U	*	ug/Kg	4	10
1,2-Dichlorobenzene	000095-50-1		U	*	ug/Kg	4	10
1,2-Dichloroethane	000107-06-2		U	*	ug/Kg	4	10
1,2-Dichloropropane	000078-87-5		U	*	ug/Kg	4	10
1,3,5-Trimethylbenzene	000108-67-8		U	*	ug/Kg	4	10
1,3-Dichlorobenzene	000541-73-1		U	*	ug/Kg	4	10
1,3-Dichloropropane	000142-28-9		U	*	ug/Kg	4	10
1,4-Dichlorobenzene	000106-46-7		U	*	ug/Kg	4	10
2,2-Dichloropropane	000594-20-7		U	*	ug/Kg	4	10
2-Butanone	000078-93-3	30	J	*	ug/Kg	10	30
2-Chloroethyl vinyl ether	000110-75-8		U	*	ug/Kg	5	30
2-Chlorotoluene	000095-49-8		U	*	ug/Kg	4	10
2-Hexanone	000591-78-6		U	*	ug/Kg	10	30
4-Chlorotoluene	000106-43-4		U	*	ug/Kg	4	10
4-Isopropyltoluene	000099-87-9		U	*	ug/Kg	4	10
4-Methyl-2-Pentanone	000108-10-1		U	*	ug/Kg	10	50
Acetone	000067-64-1	90		*	ug/Kg	10	30
Acrylonitrile	000107-13-1		U	*	ug/Kg	20	40
Benzene	000071-43-2		U	*	ug/Kg	4	10
Bromobenzene	000108-86-1		U	*	ug/Kg	4	10
Bromochloromethane	000074-97-5		U	*	ug/Kg	4	10
Bromodichloromethane	000075-27-4		U	*	ug/Kg	4	10
Bromoform	000075-25-2		U	*	ug/Kg	4	10

** Please refer to Extended Qualifier Report for details.*

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P1

ACZ Sample ID: ***L46427-01***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Bromomethane	000074-83-9	U	*	ug/Kg	4	10
Carbon Disulfide	000075-15-0	U	*	ug/Kg	4	10
Carbon Tetrachloride	000056-23-5	U	*	ug/Kg	10	30
Chlorobenzene	000108-90-7	U	*	ug/Kg	4	10
Chloroethane	000075-00-3	U	*	ug/Kg	4	10
Chloroform	000067-66-3	U	*	ug/Kg	4	10
Chloromethane	000074-87-3	U	*	ug/Kg	4	10
cis-1,2-Dichloroethene	000156-59-2	U	*	ug/Kg	4	10
cis-1,3-Dichloropropene	010061-01-5	U	*	ug/Kg	4	10
Dibromochloromethane	000124-48-1	U	*	ug/Kg	4	10
Dibromomethane	000074-95-3	U	*	ug/Kg	4	10
Dichlorodifluoromethane	000075-71-8	U	*	ug/Kg	5	20
Ethylbenzene	000100-41-4	U	*	ug/Kg	4	10
Hexachlorobutadiene	000087-68-3	U	*	ug/Kg	4	10
Isopropylbenzene	000098-82-8	U	*	ug/Kg	4	10
m,p-Xylene	001330 20 7	U	*	ug/Kg	10	30
Methyl Tert Butyl Ether	001634-04-4	U	*	ug/Kg	4	10
Methylene Chloride	000075-09-2	U	*	ug/Kg	4	10
Naphthalene	000091-20-3	U	*	ug/Kg	3	10
n-Butylbenzene	000104-51-8	U	*	ug/Kg	4	10
n-Propylbenzene	000103-65-1	U	*	ug/Kg	4	10
o-Xylene	000095-47-6	U	*	ug/Kg	4	10
sec-Butylbenzene	000135-98-8	U	*	ug/Kg	4	10
Styrene	000100-42-5	U	*	ug/Kg	4	10
tert-Butylbenzene	000098-06-6	U	*	ug/Kg	4	10
Tetrachloroethene	000127-18-4	U	*	ug/Kg	4	10
Toluene	000108-88-3	U	*	ug/Kg	4	10
trans-1,2-Dichloroethene	000156-60-5	U	*	ug/Kg	4	10
trans-1,3-Dichloropropene	010061-02-6	U	*	ug/Kg	3	10
Trichloroethene	000079-01-6	U	*	ug/Kg	5	20
Trichlorofluoromethane	000075-69-4	U	*	ug/Kg	4	10
Vinyl Acetate	000108-05-4	U	*	ug/Kg	4	10
Vinyl Chloride	000075-01-4	U	*	ug/Kg	4	10

Surrogate Recoveries

Surrogate	CAS	% Recovery	XQ	Units	LCL	UCL
Bromofluorobenzene	000460-00-4	92.4	*	%	59	113
Dibromofluoromethane	001868-53-7	115.3	*	%	70	121
Toluene-d8	002037-26-5	110.4	*	%	84	138

** Please refer to Extended Qualifier Report for details.*

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Organic Analytical Results

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P2

ACZ Sample ID: ***L46427-02***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260B GC/MS**
Extract Method: **Method**

Analyst: *jj*
Extract Date: *06/30/04 17:39*
Analysis Date: *06/30/04 17:39*
Dilution Factor: *1*

Compound

Compound	CAS	Result	QUAL	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	000630-20-6		U	*	ug/Kg	4	10
1,1,1-Trichloroethane	000071-55-6		U	*	ug/Kg	10	30
1,1,2,2-Tetrachloroethane	000079-34-5		U	*	ug/Kg	3	10
1,1,2-Trichloroethane	000079-00-5		U	*	ug/Kg	4	10
1,1-Dichloroethane	000075-34-3		U	*	ug/Kg	4	10
1,1-Dichloroethene	000075-35-4		U	*	ug/Kg	4	10
1,1-Dichloropropene	000563-58-6		U	*	ug/Kg	4	10
1,2,3-Trichlorobenzene	000087-61-6		U	*	ug/Kg	4	10
1,2,3-Trichloropropane	000096-18-4		U	*	ug/Kg	4	10
1,2,4-Trichlorobenzene	000120-82-1		U	*	ug/Kg	3	10
1,2,4-Trimethylbenzene	000095-63-6		U	*	ug/Kg	4	10
1,2-Dibromo-3-chloropropane	000096-12-8		U	*	ug/Kg	4	10
1,2-Dibromoethane	000106-93-4		U	*	ug/Kg	4	10
1,2-Dichlorobenzene	000095-50-1		U	*	ug/Kg	4	10
1,2-Dichloroethane	000107-06-2		U	*	ug/Kg	4	10
1,2-Dichloropropane	000078-87-5		U	*	ug/Kg	4	10
1,3,5-Trimethylbenzene	000108-67-8		U	*	ug/Kg	4	10
1,3-Dichlorobenzene	000541-73-1		U	*	ug/Kg	4	10
1,3-Dichloropropane	000142-28-9		U	*	ug/Kg	4	10
1,4-Dichlorobenzene	000106-46-7		U	*	ug/Kg	4	10
2,2-Dichloropropane	000594-20-7		U	*	ug/Kg	4	10
2-Butanone	000078-93-3	30		*	ug/Kg	10	30
2-Chloroethyl vinyl ether	000110-75-8		U	*	ug/Kg	5	30
2-Chlorotoluene	000095-49-8		U	*	ug/Kg	4	10
2-Hexanone	000591-78-6		U	*	ug/Kg	10	30
4-Chlorotoluene	000106-43-4		U	*	ug/Kg	4	10
4-Isopropyltoluene	000099-87-9		U	*	ug/Kg	4	10
4-Methyl-2-Pentanone	000108-10-1		U	*	ug/Kg	10	50
Acetone	000067-64-1	40		*	ug/Kg	10	30
Acrylonitrile	000107-13-1		U	*	ug/Kg	20	40
Benzene	000071-43-2		U	*	ug/Kg	4	10
Bromobenzene	000108-86-1		U	*	ug/Kg	4	10
Bromochloromethane	000074-97-5		U	*	ug/Kg	4	10
Bromodichloromethane	000075-27-4		U	*	ug/Kg	4	10
Bromoform	000075-25-2		U	*	ug/Kg	4	10

** Please refer to Extended Qualifier Report for details.*

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P2

ACZ Sample ID: ***L46427-02***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Bromomethane	000074-83-9	U	*	ug/Kg	4	10
Carbon Disulfide	000075-15-0	U	*	ug/Kg	4	10
Carbon Tetrachloride	000056-23-5	U	*	ug/Kg	10	30
Chlorobenzene	000108-90-7	U	*	ug/Kg	4	10
Chloroethane	000075-00-3	U	*	ug/Kg	4	10
Chloroform	000067-66-3	U	*	ug/Kg	4	10
Chloromethane	000074-87-3	U	*	ug/Kg	4	10
cis-1,2-Dichloroethene	000156-59-2	U	*	ug/Kg	4	10
cis-1,3-Dichloropropene	010061-01-5	U	*	ug/Kg	4	10
Dibromochloromethane	000124-48-1	U	*	ug/Kg	4	10
Dibromomethane	000074-95-3	U	*	ug/Kg	4	10
Dichlorodifluoromethane	000075-71-8	U	*	ug/Kg	5	20
Ethylbenzene	000100-41-4	U	*	ug/Kg	4	10
Hexachlorobutadiene	000087-68-3	U	*	ug/Kg	4	10
Isopropylbenzene	000098-82-8	U	*	ug/Kg	4	10
m,p-Xylene	001330 20 7	U	*	ug/Kg	10	30
Methyl Tert Butyl Ether	001634-04-4	U	*	ug/Kg	4	10
Methylene Chloride	000075-09-2	U	*	ug/Kg	4	10
Naphthalene	000091-20-3	U	*	ug/Kg	3	10
n-Butylbenzene	000104-51-8	U	*	ug/Kg	4	10
n-Propylbenzene	000103-65-1	U	*	ug/Kg	4	10
o-Xylene	000095-47-6	U	*	ug/Kg	4	10
sec-Butylbenzene	000135-98-8	U	*	ug/Kg	4	10
Styrene	000100-42-5	U	*	ug/Kg	4	10
tert-Butylbenzene	000098-06-6	U	*	ug/Kg	4	10
Tetrachloroethene	000127-18-4	U	*	ug/Kg	4	10
Toluene	000108-88-3	U	*	ug/Kg	4	10
trans-1,2-Dichloroethene	000156-60-5	U	*	ug/Kg	4	10
trans-1,3-Dichloropropene	010061-02-6	U	*	ug/Kg	3	10
Trichloroethene	000079-01-6	U	*	ug/Kg	5	20
Trichlorofluoromethane	000075-69-4	U	*	ug/Kg	4	10
Vinyl Acetate	000108-05-4	U	*	ug/Kg	4	10
Vinyl Chloride	000075-01-4	U	*	ug/Kg	4	10

Surrogate Recoveries

Surrogate	CAS	% Recovery	XQ	Units	LCL	UCL
Bromofluorobenzene	000460-00-4	91.7	*	%	59	113
Dibromofluoromethane	001868-53-7	115.4	*	%	70	121
Toluene-d8	002037-26-5	107.8	*	%	84	138

** Please refer to Extended Qualifier Report for details.*

ACZ Laboratories, Inc.
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Organic Analytical Results

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P3

ACZ Sample ID: ***L46427-03***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260B GC/MS**
Extract Method: **Method**

Analyst: *jj*
Extract Date: *06/30/04 18:18*
Analysis Date: *06/30/04 18:18*
Dilution Factor: *1*

Compound

Compound	CAS	Result	QUAL	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	000630-20-6		U	*	ug/Kg	4	10
1,1,1-Trichloroethane	000071-55-6		U	*	ug/Kg	10	30
1,1,2,2-Tetrachloroethane	000079-34-5		U	*	ug/Kg	3	10
1,1,2-Trichloroethane	000079-00-5		U	*	ug/Kg	4	10
1,1-Dichloroethane	000075-34-3		U	*	ug/Kg	4	10
1,1-Dichloroethene	000075-35-4		U	*	ug/Kg	4	10
1,1-Dichloropropene	000563-58-6		U	*	ug/Kg	4	10
1,2,3-Trichlorobenzene	000087-61-6		U	*	ug/Kg	4	10
1,2,3-Trichloropropane	000096-18-4		U	*	ug/Kg	4	10
1,2,4-Trichlorobenzene	000120-82-1		U	*	ug/Kg	3	10
1,2,4-Trimethylbenzene	000095-63-6		U	*	ug/Kg	4	10
1,2-Dibromo-3-chloropropane	000096-12-8		U	*	ug/Kg	4	10
1,2-Dibromoethane	000106-93-4		U	*	ug/Kg	4	10
1,2-Dichlorobenzene	000095-50-1		U	*	ug/Kg	4	10
1,2-Dichloroethane	000107-06-2		U	*	ug/Kg	4	10
1,2-Dichloropropane	000078-87-5		U	*	ug/Kg	4	10
1,3,5-Trimethylbenzene	000108-67-8		U	*	ug/Kg	4	10
1,3-Dichlorobenzene	000541-73-1		U	*	ug/Kg	4	10
1,3-Dichloropropane	000142-28-9		U	*	ug/Kg	4	10
1,4-Dichlorobenzene	000106-46-7		U	*	ug/Kg	4	10
2,2-Dichloropropane	000594-20-7		U	*	ug/Kg	4	10
2-Butanone	000078-93-3	20	J	*	ug/Kg	10	30
2-Chloroethyl vinyl ether	000110-75-8		U	*	ug/Kg	5	30
2-Chlorotoluene	000095-49-8		U	*	ug/Kg	4	10
2-Hexanone	000591-78-6		U	*	ug/Kg	10	30
4-Chlorotoluene	000106-43-4		U	*	ug/Kg	4	10
4-Isopropyltoluene	000099-87-9		U	*	ug/Kg	4	10
4-Methyl-2-Pentanone	000108-10-1		U	*	ug/Kg	10	50
Acetone	000067-64-1	90		*	ug/Kg	10	30
Acrylonitrile	000107-13-1		U	*	ug/Kg	20	40
Benzene	000071-43-2		U	*	ug/Kg	4	10
Bromobenzene	000108-86-1		U	*	ug/Kg	4	10
Bromochloromethane	000074-97-5		U	*	ug/Kg	4	10
Bromodichloromethane	000075-27-4		U	*	ug/Kg	4	10
Bromoform	000075-25-2		U	*	ug/Kg	4	10

** Please refer to Extended Qualifier Report for details.*

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P3

ACZ Sample ID: ***L46427-03***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Bromomethane	000074-83-9	U	*	ug/Kg	4	10
Carbon Disulfide	000075-15-0	U	*	ug/Kg	4	10
Carbon Tetrachloride	000056-23-5	U	*	ug/Kg	10	30
Chlorobenzene	000108-90-7	U	*	ug/Kg	4	10
Chloroethane	000075-00-3	U	*	ug/Kg	4	10
Chloroform	000067-66-3	U	*	ug/Kg	4	10
Chloromethane	000074-87-3	U	*	ug/Kg	4	10
cis-1,2-Dichloroethene	000156-59-2	U	*	ug/Kg	4	10
cis-1,3-Dichloropropene	010061-01-5	U	*	ug/Kg	4	10
Dibromochloromethane	000124-48-1	U	*	ug/Kg	4	10
Dibromomethane	000074-95-3	U	*	ug/Kg	4	10
Dichlorodifluoromethane	000075-71-8	U	*	ug/Kg	5	20
Ethylbenzene	000100-41-4	U	*	ug/Kg	4	10
Hexachlorobutadiene	000087-68-3	U	*	ug/Kg	4	10
Isopropylbenzene	000098-82-8	U	*	ug/Kg	4	10
m,p-Xylene	001330 20 7	U	*	ug/Kg	10	30
Methyl Tert Butyl Ether	001634-04-4	U	*	ug/Kg	4	10
Methylene Chloride	000075-09-2	U	*	ug/Kg	4	10
Naphthalene	000091-20-3	U	*	ug/Kg	3	10
n-Butylbenzene	000104-51-8	U	*	ug/Kg	4	10
n-Propylbenzene	000103-65-1	U	*	ug/Kg	4	10
o-Xylene	000095-47-6	U	*	ug/Kg	4	10
sec-Butylbenzene	000135-98-8	U	*	ug/Kg	4	10
Styrene	000100-42-5	U	*	ug/Kg	4	10
tert-Butylbenzene	000098-06-6	U	*	ug/Kg	4	10
Tetrachloroethene	000127-18-4	U	*	ug/Kg	4	10
Toluene	000108-88-3	U	*	ug/Kg	4	10
trans-1,2-Dichloroethene	000156-60-5	U	*	ug/Kg	4	10
trans-1,3-Dichloropropene	010061-02-6	U	*	ug/Kg	3	10
Trichloroethene	000079-01-6	U	*	ug/Kg	5	20
Trichlorofluoromethane	000075-69-4	U	*	ug/Kg	4	10
Vinyl Acetate	000108-05-4	U	*	ug/Kg	4	10
Vinyl Chloride	000075-01-4	U	*	ug/Kg	4	10

Surrogate Recoveries

Surrogate	CAS	% Recovery	XQ	Units	LCL	UCL
Bromofluorobenzene	000460-00-4	93.3	*	%	59	113
Dibromofluoromethane	001868-53-7	116.5	*	%	70	121
Toluene-d8	002037-26-5	108.2	*	%	84	138

** Please refer to Extended Qualifier Report for details.*

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2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Organic Analytical Results

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P4

ACZ Sample ID: ***L46427-04***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analyst: *jj*
Extract Date: *06/30/04 15:06*
Analysis Date: *06/30/04 15:06*
Dilution Factor: *1*

Analysis Method: **M8260B GC/MS**
Extract Method: **Method**

Compound

Compound	CAS	Result	QUAL	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	000630-20-6		U		ug/Kg	4	10
1,1,1-Trichloroethane	000071-55-6		U		ug/Kg	10	30
1,1,2,2-Tetrachloroethane	000079-34-5		U	*	ug/Kg	3	10
1,1,2-Trichloroethane	000079-00-5		U	*	ug/Kg	4	10
1,1-Dichloroethane	000075-34-3		U		ug/Kg	4	10
1,1-Dichloroethene	000075-35-4		U		ug/Kg	4	10
1,1-Dichloropropene	000563-58-6		U		ug/Kg	4	10
1,2,3-Trichlorobenzene	000087-61-6		U		ug/Kg	4	10
1,2,3-Trichloropropane	000096-18-4		U		ug/Kg	4	10
1,2,4-Trichlorobenzene	000120-82-1		U		ug/Kg	3	10
1,2,4-Trimethylbenzene	000095-63-6		U		ug/Kg	4	10
1,2-Dibromo-3-chloropropane	000096-12-8		U		ug/Kg	4	10
1,2-Dibromoethane	000106-93-4		U		ug/Kg	4	10
1,2-Dichlorobenzene	000095-50-1		U		ug/Kg	4	10
1,2-Dichloroethane	000107-06-2		U		ug/Kg	4	10
1,2-Dichloropropane	000078-87-5		U		ug/Kg	4	10
1,3,5-Trimethylbenzene	000108-67-8		U		ug/Kg	4	10
1,3-Dichlorobenzene	000541-73-1		U		ug/Kg	4	10
1,3-Dichloropropane	000142-28-9		U		ug/Kg	4	10
1,4-Dichlorobenzene	000106-46-7		U		ug/Kg	4	10
2,2-Dichloropropane	000594-20-7		U		ug/Kg	4	10
2-Butanone	000078-93-3	90			ug/Kg	10	30
2-Chloroethyl vinyl ether	000110-75-8		U	*	ug/Kg	5	30
2-Chlorotoluene	000095-49-8		U		ug/Kg	4	10
2-Hexanone	000591-78-6	10	J		ug/Kg	10	30
4-Chlorotoluene	000106-43-4		U		ug/Kg	4	10
4-Isopropyltoluene	000099-87-9		U		ug/Kg	4	10
4-Methyl-2-Pentanone	000108-10-1		U		ug/Kg	10	50
Acetone	000067-64-1	210		*	ug/Kg	10	30
Acrylonitrile	000107-13-1		U		ug/Kg	20	40
Benzene	000071-43-2		U		ug/Kg	4	10
Bromobenzene	000108-86-1		U		ug/Kg	4	10
Bromochloromethane	000074-97-5		U		ug/Kg	4	10
Bromodichloromethane	000075-27-4		U		ug/Kg	4	10
Bromoform	000075-25-2		U		ug/Kg	4	10

** Please refer to Extended Qualifier Report for details.*

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Project ID: YERINGTON MINE
Sample ID: PAO-P4

ACZ Sample ID: ***L46427-04***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Bromomethane	000074-83-9	U		ug/Kg	4	10
Carbon Disulfide	000075-15-0	U		ug/Kg	4	10
Carbon Tetrachloride	000056-23-5	U		ug/Kg	10	30
Chlorobenzene	000108-90-7	U	*	ug/Kg	4	10
Chloroethane	000075-00-3	U		ug/Kg	4	10
Chloroform	000067-66-3	U		ug/Kg	4	10
Chloromethane	000074-87-3	U		ug/Kg	4	10
cis-1,2-Dichloroethene	000156-59-2	U		ug/Kg	4	10
cis-1,3-Dichloropropene	010061-01-5	U		ug/Kg	4	10
Dibromochloromethane	000124-48-1	U		ug/Kg	4	10
Dibromomethane	000074-95-3	U		ug/Kg	4	10
Dichlorodifluoromethane	000075-71-8	U		ug/Kg	5	20
Ethylbenzene	000100-41-4	U		ug/Kg	4	10
Hexachlorobutadiene	000087-68-3	U		ug/Kg	4	10
Isopropylbenzene	000098-82-8	U		ug/Kg	4	10
m,p-Xylene	001330 20 7	U		ug/Kg	10	30
Methyl Tert Butyl Ether	001634-04-4	U		ug/Kg	4	10
Methylene Chloride	000075-09-2	U		ug/Kg	4	10
Naphthalene	000091-20-3	U		ug/Kg	3	10
n-Butylbenzene	000104-51-8	U		ug/Kg	4	10
n-Propylbenzene	000103-65-1	U		ug/Kg	4	10
o-Xylene	000095-47-6	U		ug/Kg	4	10
sec-Butylbenzene	000135-98-8	U		ug/Kg	4	10
Styrene	000100-42-5	U		ug/Kg	4	10
tert-Butylbenzene	000098-06-6	U		ug/Kg	4	10
Tetrachloroethene	000127-18-4	U		ug/Kg	4	10
Toluene	000108-88-3	U		ug/Kg	4	10
trans-1,2-Dichloroethene	000156-60-5	U		ug/Kg	4	10
trans-1,3-Dichloropropene	010061-02-6	U		ug/Kg	3	10
Trichloroethene	000079-01-6	U		ug/Kg	5	20
Trichlorofluoromethane	000075-69-4	U		ug/Kg	4	10
Vinyl Acetate	000108-05-4	U		ug/Kg	4	10
Vinyl Chloride	000075-01-4	U		ug/Kg	4	10

Surrogate Recoveries

Surrogate	CAS	% Recovery	XQ	Units	LCL	UCL
Bromofluorobenzene	000460-00-4	95.8		%	59	113
Dibromofluoromethane	001868-53-7	108.2		%	70	121
Toluene-d8	002037-26-5	104.3		%	84	138

** Please refer to Extended Qualifier Report for details.*

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Organic Analytical Results

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P5

ACZ Sample ID: ***L46427-05***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Volatile Organics by GC/MS

Analysis Method: **M8260B GC/MS**
Extract Method: **Method**

Analyst: *jj*
Extract Date: *06/30/04 16:02*
Analysis Date: *06/30/04 16:02*
Dilution Factor: *1*

Compound

Compound	CAS	Result	QUAL	XQ	Units	MDL	PQL
1,1,1,2-Tetrachloroethane	000630-20-6		U		ug/Kg	4	10
1,1,1-Trichloroethane	000071-55-6		U		ug/Kg	10	30
1,1,2,2-Tetrachloroethane	000079-34-5		U	*	ug/Kg	3	10
1,1,2-Trichloroethane	000079-00-5		U	*	ug/Kg	4	10
1,1-Dichloroethane	000075-34-3		U		ug/Kg	4	10
1,1-Dichloroethene	000075-35-4		U		ug/Kg	4	10
1,1-Dichloropropene	000563-58-6		U		ug/Kg	4	10
1,2,3-Trichlorobenzene	000087-61-6		U		ug/Kg	4	10
1,2,3-Trichloropropane	000096-18-4		U		ug/Kg	4	10
1,2,4-Trichlorobenzene	000120-82-1		U		ug/Kg	3	10
1,2,4-Trimethylbenzene	000095-63-6		U		ug/Kg	4	10
1,2-Dibromo-3-chloropropane	000096-12-8		U		ug/Kg	4	10
1,2-Dibromoethane	000106-93-4		U		ug/Kg	4	10
1,2-Dichlorobenzene	000095-50-1		U		ug/Kg	4	10
1,2-Dichloroethane	000107-06-2		U		ug/Kg	4	10
1,2-Dichloropropane	000078-87-5		U		ug/Kg	4	10
1,3,5-Trimethylbenzene	000108-67-8		U		ug/Kg	4	10
1,3-Dichlorobenzene	000541-73-1		U		ug/Kg	4	10
1,3-Dichloropropane	000142-28-9		U		ug/Kg	4	10
1,4-Dichlorobenzene	000106-46-7		U		ug/Kg	4	10
2,2-Dichloropropane	000594-20-7		U		ug/Kg	4	10
2-Butanone	000078-93-3	20	J		ug/Kg	10	30
2-Chloroethyl vinyl ether	000110-75-8		U	*	ug/Kg	5	30
2-Chlorotoluene	000095-49-8		U		ug/Kg	4	10
2-Hexanone	000591-78-6		U		ug/Kg	10	30
4-Chlorotoluene	000106-43-4		U		ug/Kg	4	10
4-Isopropyltoluene	000099-87-9		U		ug/Kg	4	10
4-Methyl-2-Pentanone	000108-10-1		U		ug/Kg	10	50
Acetone	000067-64-1	70		*	ug/Kg	10	30
Acrylonitrile	000107-13-1		U		ug/Kg	20	40
Benzene	000071-43-2		U		ug/Kg	4	10
Bromobenzene	000108-86-1		U		ug/Kg	4	10
Bromochloromethane	000074-97-5		U		ug/Kg	4	10
Bromodichloromethane	000075-27-4		U		ug/Kg	4	10
Bromoform	000075-25-2		U		ug/Kg	4	10

** Please refer to Extended Qualifier Report for details.*

Walker and Associates
Project ID: YERINGTON MINE
Sample ID: PAO-P5

ACZ Sample ID: ***L46427-05***
Date Sampled: *06/24/04 10:20*
Date Received: *06/25/04*
Sample Matrix: *Soil*

Bromomethane	000074-83-9	U		ug/Kg	4	10
Carbon Disulfide	000075-15-0	U		ug/Kg	4	10
Carbon Tetrachloride	000056-23-5	U		ug/Kg	10	30
Chlorobenzene	000108-90-7	U	*	ug/Kg	4	10
Chloroethane	000075-00-3	U		ug/Kg	4	10
Chloroform	000067-66-3	U		ug/Kg	4	10
Chloromethane	000074-87-3	U		ug/Kg	4	10
cis-1,2-Dichloroethene	000156-59-2	U		ug/Kg	4	10
cis-1,3-Dichloropropene	010061-01-5	U		ug/Kg	4	10
Dibromochloromethane	000124-48-1	U		ug/Kg	4	10
Dibromomethane	000074-95-3	U		ug/Kg	4	10
Dichlorodifluoromethane	000075-71-8	U		ug/Kg	5	20
Ethylbenzene	000100-41-4	U		ug/Kg	4	10
Hexachlorobutadiene	000087-68-3	U		ug/Kg	4	10
Isopropylbenzene	000098-82-8	U		ug/Kg	4	10
m,p-Xylene	001330 20 7	U		ug/Kg	10	30
Methyl Tert Butyl Ether	001634-04-4	U		ug/Kg	4	10
Methylene Chloride	000075-09-2	U		ug/Kg	4	10
Naphthalene	000091-20-3	U		ug/Kg	3	10
n-Butylbenzene	000104-51-8	U		ug/Kg	4	10
n-Propylbenzene	000103-65-1	U		ug/Kg	4	10
o-Xylene	000095-47-6	U		ug/Kg	4	10
sec-Butylbenzene	000135-98-8	U		ug/Kg	4	10
Styrene	000100-42-5	U		ug/Kg	4	10
tert-Butylbenzene	000098-06-6	U		ug/Kg	4	10
Tetrachloroethene	000127-18-4	U		ug/Kg	4	10
Toluene	000108-88-3	U		ug/Kg	4	10
trans-1,2-Dichloroethene	000156-60-5	U		ug/Kg	4	10
trans-1,3-Dichloropropene	010061-02-6	U		ug/Kg	3	10
Trichloroethene	000079-01-6	U		ug/Kg	5	20
Trichlorofluoromethane	000075-69-4	U		ug/Kg	4	10
Vinyl Acetate	000108-05-4	U		ug/Kg	4	10
Vinyl Chloride	000075-01-4	U		ug/Kg	4	10

Surrogate Recoveries

Surrogate	CAS	% Recovery	XQ	Units	LCL	UCL
Bromofluorobenzene	000460-00-4	95.7		%	59	113
Dibromofluoromethane	001868-53-7	107.1		%	70	121
Toluene-d8	002037-26-5	107.2		%	84	138

** Please refer to Extended Qualifier Report for details.*

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
LCL	Lower Control Limit
MDL	Method Detection Limit. Same as Minimum Reporting Limit. Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
UCL	Upper Control Limit
Sample	Value of the Sample of interest

QC Sample Types

SURR	Surrogate	*LFM*	Laboratory Fortified Matrix
INTS	Internal Standard	*LFMD*	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	*LRB*	Laboratory Reagent Blank
LCSS	Laboratory Control Sample - Soil	*MS/MSD*	Matrix Spike/Matrix Spike Duplicate
LCSW	Laboratory Control Sample - Water	*PBS*	Prep Blank - Soil
LFB	Laboratory Fortified Blank	*PBW*	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

B	Analyte detected in daily blank
H	Analysis exceeded method hold time.
J	Analyte concentration detected at a value between MDL and PQL
R	Poor spike recovery accepted because the other spike in the set fell within the given limits.
T	High Relative Percent Difference (RPD) accepted because sample concentrations are less than 10x the MDL.
U	Analyte was analyzed for but not detected at the indicated MDL
V	High blank data accepted because sample concentration is 10 times higher than blank concentration
W	Poor recovery for Silver quality control is accepted because Silver often precipitates with Chloride.
X	Quality contreol sample is out of control.
Z	Poor spike recovery is accepted because sample concentration is four times greater than spike concentration.
P	Analyte concentration differs from second detector by more than 40%.
E	Analyte concentration is estimated due to result exceeding calibration range.
M	Analyte concentration is estimated due to matrix interferences.

Method References

(1)	EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
(2)	EPA 600/4-90/020. Methods for the Determination of Organic Compounds in Drinking Water (I), July 1990.
(3)	EPA 600/R-92/129. Methods for the Determination of Organic Compounds in Drinking Water (II), July 1990.
(5)	EPA SW-846. Test Methods for Evaluating Solid Waste, Third Edition with Update III, December, 1996.
(6)	Standard Methods for the Examination of Water and Wastewater, 19th edition, 1995.

Comments

(1)	QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
(2)	Organic analyses are reported on an "as received" basis.

Walker and Associates ACZ Project ID: ***L46427***

Project ID: YERINGTON MINE

Volatile Organics by GC/MS
WG174297

M8260B GC/MS

MS **Sample ID: L46427-05MS** **PCN/SCN: SCN0001659** **Analyzed: 06/30/04 18:55**

Compound	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
1,1,1-TRICHLOROETHANE	40	U	36	ug/Kg	90.0	70	130			
1,1,2,2-TETRACHLOROETHANE	40	U	35.8	ug/Kg	89.5	70	130			
1,1,2-TRICHLOROETHANE	40	U	27.9	ug/Kg	69.8	70	130			M2
1,1-DICHLOROETHANE	40	U	37.9	ug/Kg	94.8	70	130			
1,1-DICHLOROETHENE	40	U	40.8	ug/Kg	102.0	59	172			
1,2-DICHLOROBENZENE	40	U	32	ug/Kg	80.0	70	130			
1,2-DICHLOROETHANE	40	U	32.1	ug/Kg	80.3	70	130			
1,2-DICHLOROPROPANE	40	U	32.2	ug/Kg	80.5	70	130			
1,3-DICHLOROBENZENE	40	U	33	ug/Kg	82.5	70	130			
1,4-DICHLOROBENZENE	40	U	32.8	ug/Kg	82.0	70	130			
2-CHLOROETHYL VINYL ETHER	40	U	24.5	ug/Kg	61.3	70	130			M2
BROMODICHLOROMETHANE	40	U	33.1	ug/Kg	82.8	70	130			
BROMOFORM	40	U	28.6	ug/Kg	71.5	70	130			
CARBON TETRACHLORIDE	40	U	34	ug/Kg	85.0	70	130			
CHLOROBENZENE	40	U	32.2	ug/Kg	80.5	60	133			
CHLOROFORM	40	U	36.3	ug/Kg	90.8	70	130			
CIS-1,3-DICHLOROPROPENE	40	U	29.4	ug/Kg	73.5	70	130			
DIBROMOCHLOROMETHANE	40	U	29	ug/Kg	72.5	70	130			
METHYLENE CHLORIDE	40	U	38.9	ug/Kg	97.3	70	130			
TETRACHLOROETHENE	40	U	35.2	ug/Kg	88.0	70	130			
TRANS-1,2-DICHLOROETHENE	40	U	36.7	ug/Kg	91.8	70	130			
TRANS-1,3-DICHLOROPROPENE	40	U	29.8	ug/Kg	74.5	70	130			
TRICHLOROETHENE	40	U	33	ug/Kg	82.5	62	137			
BROMOFLUOROBENZENE (surr)				%	95.1	78	118			
DIBROMOFLUOROMETHANE (surr)				%	108.7	89	129			
TOLUENE-D8 (surr)				%	107.8	90	109			

MSD **Sample ID: L46427-05MSD** **PCN/SCN: SCN0001659** **Analyzed: 06/30/04 19:40**

Compound	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
1,1,1-TRICHLOROETHANE	40	U	42	ug/Kg	105.0	70	130	15.38	30	
1,1,2,2-TETRACHLOROETHANE	40	U	40.8	ug/Kg	102.0	70	130	13.05	30	
1,1,2-TRICHLOROETHANE	40	U	31.8	ug/Kg	79.5	70	130	13.07	30	
1,1-DICHLOROETHANE	40	U	41.3	ug/Kg	103.3	70	130	8.59	30	
1,1-DICHLOROETHENE	40	U	45	ug/Kg	112.5	59	172	9.79	22	
1,2-DICHLOROBENZENE	40	U	36	ug/Kg	90.0	70	130	11.76	30	
1,2-DICHLOROETHANE	40	U	34.7	ug/Kg	86.8	70	130	7.78	30	
1,2-DICHLOROPROPANE	40	U	35.9	ug/Kg	89.8	70	130	10.87	30	
1,3-DICHLOROBENZENE	40	U	37.4	ug/Kg	93.5	70	130	12.5	30	
1,4-DICHLOROBENZENE	40	U	36.8	ug/Kg	92.0	70	130	11.49	30	
2-CHLOROETHYL VINYL ETHER	40	U	27.5	ug/Kg	68.8	70	130	11.54	30	M2
BROMODICHLOROMETHANE	40	U	37.2	ug/Kg	93.0	70	130	11.66	30	
BROMOFORM	40	U	31.9	ug/Kg	79.8	70	130	10.91	30	
CARBON TETRACHLORIDE	40	U	39	ug/Kg	97.5	70	130	13.7	30	
CHLOROBENZENE	40	U	36.2	ug/Kg	90.5	60	133	11.7	21	

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CHLOROFORM	40	U	39.8	ug/Kg	99.5	70	130	9.2	30	
CIS-1,3-DICHLOROPROPENE	40	U	33.3	ug/Kg	83.3	70	130	12.44	30	
DIBROMOCHLOROMETHANE	40	U	32.7	ug/Kg	81.8	70	130	11.99	30	
METHYLENE CHLORIDE	40	U	43	ug/Kg	107.5	70	130	10.01	30	
TETRACHLOROETHENE	40	U	39.4	ug/Kg	98.5	70	130	11.26	30	
TRANS-1,2-DICHLOROETHENE	40	U	41	ug/Kg	102.5	70	130	11.07	30	
TRANS-1,3-DICHLOROPROPENE	40	U	33.4	ug/Kg	83.5	70	130	11.39	30	
TRICHLOROETHENE	40	U	37.6	ug/Kg	94.0	62	137	13.03	21	
BROMOFLUOROBENZENE (surr)				%	96.3	78	118			
DIBROMOFLUOROMETHANE (surr)				%	106.0	89	129			
TOLUENE-D8 (surr)				%	108.4	90	109			

LCSS **Sample ID: WG174297LCSS** **PCN/SCN: SCN0001659** **Analyzed: 06/30/04 11:08**

Compound	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
1,1,1-TRICHLOROETHANE	40		47	ug/Kg	117.5	70	130			
1,1,2,2-TETRACHLOROETHANE	40		73.2	ug/Kg	183.0	70	130			L1
1,1,2-TRICHLOROETHANE	40		42.4	ug/Kg	106.0	70	130			
1,1-DICHLOROETHANE	40		44.6	ug/Kg	111.5	70	130			
1,1-DICHLOROETHENE	40		47.9	ug/Kg	119.8	56	156			
1,2-DICHLOROBENZENE	40		45.5	ug/Kg	113.8	70	130			
1,2-DICHLOROETHANE	40		44.7	ug/Kg	111.8	70	130			
1,2-DICHLOROPROPANE	40		45.3	ug/Kg	113.3	70	130			
1,3-DICHLOROBENZENE	40		49.3	ug/Kg	123.3	70	130			
1,4-DICHLOROBENZENE	40		49.1	ug/Kg	122.8	70	130			
2-CHLOROETHYL VINYL ETHER	40		50.3	ug/Kg	125.8	70	130			
BROMODICHLOROMETHANE	40		46.6	ug/Kg	116.5	70	130			
BROMOFORM	40		44.5	ug/Kg	111.3	70	130			
CARBON TETRACHLORIDE	40		46	ug/Kg	115.0	70	130			
CHLOROBENZENE	40		47	ug/Kg	117.5	86	121			
CHLOROFORM	40		44.6	ug/Kg	111.5	70	130			
CIS-1,3-DICHLOROPROPENE	40		43.3	ug/Kg	108.3	70	130			
DIBROMOCHLOROMETHANE	40		43.3	ug/Kg	108.3	70	130			
METHYLENE CHLORIDE	40		44	ug/Kg	110.0	70	130			
TETRACHLOROETHENE	40		50.2	ug/Kg	125.5	70	130			
TRANS-1,2-DICHLOROETHENE	40		44.8	ug/Kg	112.0	70	130			
TRANS-1,3-DICHLOROPROPENE	40		43.1	ug/Kg	107.8	70	130			
TRICHLOROETHENE	40		47.2	ug/Kg	118.0	74	145			
BROMOFLUOROBENZENE (surr)				%	93.2	78	118			
DIBROMOFLUOROMETHANE (surr)				%	103.1	89	129			
TOLUENE-D8 (surr)				%	105.7	90	109			

LCSSD **Sample ID: WG174297LCSSD** **PCN/SCN: SCN0001659** **Analyzed: 06/30/04 11:45**

Compound	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
1,1,1-TRICHLOROETHANE	40		46	ug/Kg	115.0	70	130	2.2	30	
1,1,2,2-TETRACHLOROETHANE	40		47.4	ug/Kg	118.5	70	130	42.8	30	
1,1,2-TRICHLOROETHANE	40		41.9	ug/Kg	104.8	70	130	1.2	30	
1,1-DICHLOROETHANE	40		47	ug/Kg	117.5	70	130	5.2	30	
1,1-DICHLOROETHENE	40		49.5	ug/Kg	123.8	56	156	3.3	22	
1,2-DICHLOROBENZENE	40		46.2	ug/Kg	115.5	70	130	1.5	30	

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1,2-DICHLOROETHANE	40		46.4	ug/Kg	116.0	70	130	3.7	30
1,2-DICHLOROPROPANE	40		44	ug/Kg	110.0	70	130	2.9	30
1,3-DICHLOROBENZENE	40		47.7	ug/Kg	119.3	70	130	3.3	30
1,4-DICHLOROBENZENE	40		49.9	ug/Kg	124.8	70	130	1.6	30
2-CHLOROETHYL VINYL ETHER	40		42.9	ug/Kg	107.3	70	130	15.9	30
BROMODICHLOROMETHANE	40		46.3	ug/Kg	115.8	70	130	0.6	30
BROMOFORM	40		38.5	ug/Kg	96.3	70	130	14.5	30
CARBON TETRACHLORIDE	40		45	ug/Kg	112.5	70	130	2.2	30
CHLOROBENZENE	40		45.3	ug/Kg	113.3	86	121	3.7	21
CHLOROFORM	40		46.9	ug/Kg	117.3	70	130	5	30
CIS-1,3-DICHLOROPROPENE	40		43.3	ug/Kg	108.3	70	130	0	30
DIBROMOCHLOROMETHANE	40		40.3	ug/Kg	100.8	70	130	7.2	30
METHYLENE CHLORIDE	40		45.6	ug/Kg	114.0	70	130	3.6	30
TETRACHLOROETHENE	40		46.2	ug/Kg	115.5	70	130	8.3	30
TRANS-1,2-DICHLOROETHENE	40		46.6	ug/Kg	116.5	70	130	3.9	30
TRANS-1,3-DICHLOROPROPENE	40		41.6	ug/Kg	104.0	70	130	3.5	30
TRICHLOROETHENE	40		45.8	ug/Kg	114.5	74	145	3	21
BROMOFLUOROBENZENE (surr)				%	97.4	78	118		
DIBROMOFLUOROMETHANE (surr)				%	109.3	89	129		
TOLUENE-D8 (surr)				%	103.2	90	109		

PBS **Sample ID: WG174297PBS** **Analyzed: 06/30/04 10:30**

Compound	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
1,1,1,2-TETRACHLOROETHANE			U	ug/Kg		-4	4			
1,1,1-TRICHLOROETHANE			U	ug/Kg		-10	10			
1,1,2,2-TETRACHLOROETHANE			U	ug/Kg		-3	3			
1,1,2-TRICHLOROETHANE			U	ug/Kg		-4	4			
1,1-DICHLOROETHANE			U	ug/Kg		-4	4			
1,1-DICHLOROETHENE			U	ug/Kg		-4	4			
1,1-DICHLOROPROPENE			U	ug/Kg		-4	4			
1,2,3-TRICHLOROBENZENE			U	ug/Kg		-4	4			
1,2,3-TRICHLOROPROPANE			U	ug/Kg		-4	4			
1,2,4-TRICHLOROBENZENE			U	ug/Kg		-3	3			
1,2,4-TRIMETHYLBENZENE			U	ug/Kg		-4	4			
1,2-DIBROMO-3-CHLOROPROPANE			U	ug/Kg		-4	4			
1,2-DIBROMOETHANE			U	ug/Kg		-4	4			
1,2-DICHLOROBENZENE			U	ug/Kg		-4	4			
1,2-DICHLOROETHANE			U	ug/Kg		-4	4			
1,2-DICHLOROPROPANE			U	ug/Kg		-4	4			
1,3,5-TRIMETHYLBENZENE			U	ug/Kg		-4	4			
1,3-DICHLOROBENZENE			U	ug/Kg		-4	4			
1,3-DICHLOROPROPANE			U	ug/Kg		-4	4			
1,4-DICHLOROBENZENE			U	ug/Kg		-4	4			
2,2-DICHLOROPROPANE			U	ug/Kg		-4	4			
2-BUTANONE			U	ug/Kg		-10	10			
2-CHLOROETHYL VINYL ETHER			U	ug/Kg		-5	5			
2-CHLOROTOLUENE			U	ug/Kg		-4	4			
2-HEXANONE			U	ug/Kg		-10	10			
4-CHLOROTOLUENE			U	ug/Kg		-4	4			

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4-ISOPROPYLTOLUENE	U	ug/Kg		-4	4	
4-METHYL-2-PENTANONE	U	ug/Kg		-40	40	
ACETONE	U	ug/Kg		-10	10	W1
ACRYLONITRILE	U	ug/Kg		-20	20	
BENZENE	U	ug/Kg		-4	4	
BROMOBENZENE	U	ug/Kg		-4	4	
BROMOCHLOROMETHANE	U	ug/Kg		-4	4	
BROMODICHLOROMETHANE	U	ug/Kg		-4	4	
BROMOFORM	U	ug/Kg		-4	4	
BROMOMETHANE	U	ug/Kg		-4	4	
CARBON DISULFIDE	U	ug/Kg		-4	4	
CARBON TETRACHLORIDE	U	ug/Kg		-10	10	
CHLOROBENZENE	U	ug/Kg		-4	4	
CHLOROETHANE	U	ug/Kg		-4	4	
CHLOROFORM	U	ug/Kg		-4	4	
CHLOROMETHANE	U	ug/Kg		-4	4	
CIS-1,2-DICHLOROETHENE	U	ug/Kg		-4	4	
CIS-1,3-DICHLOROPROPENE	U	ug/Kg		-4	4	
DIBROMOCHLOROMETHANE	U	ug/Kg		-4	4	
DIBROMOMETHANE	U	ug/Kg		-4	4	
DICHLORODIFLUOROMETHANE	U	ug/Kg		-5	5	
ETHYL BENZENE	U	ug/Kg		-4	4	
HEXACHLOROBUTADIENE	U	ug/Kg		-4	4	
ISOPROPYLBENZENE	U	ug/Kg		-4	4	
M,P-XYLENE	U	ug/Kg		-10	10	
METHYL TERT BUTYL ETHER	U	ug/Kg		-4	4	
METHYLENE CHLORIDE	U	ug/Kg		-4	4	
NAPHTHALENE	U	ug/Kg		-3	3	
N-BUTYLBENZENE	U	ug/Kg		-4	4	
N-PROPYLBENZENE	U	ug/Kg		-4	4	
O-XYLENE	U	ug/Kg		-4	4	
SEC-BUTYLBENZENE	U	ug/Kg		-4	4	
STYRENE	U	ug/Kg		-4	4	
TERT-BUTYLBENZENE	U	ug/Kg		-4	4	
TETRACHLOROETHENE	U	ug/Kg		-4	4	
TOLUENE	U	ug/Kg		-4	4	
TRANS-1,2-DICHLOROETHENE	U	ug/Kg		-4	4	
TRANS-1,3-DICHLOROPROPENE	U	ug/Kg		-3	3	
TRICHLOROETHENE	U	ug/Kg		-5	5	
TRICHLOROFLUOROMETHANE	U	ug/Kg		-4	4	
VINYL ACETATE	U	ug/Kg		-4	4	
VINYL CHLORIDE	U	ug/Kg		-4	4	
BROMOFLUOROBENZENE (surr)		%	99.0	-59	59	
DIBROMOFLUOROMETHANE (surr)		%	105.3	-70	70	
TOLUENE-D8 (surr)		%	98.6	-84	84	

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Organic Extended Qualifier Report

Walker and Associates

ACZ Project ID: ***L46427***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L46427-01	WG174297	*All Compounds*	M8260B GC/MS	E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
		1,1,2,2-Tetrachloroethane	M8260B GC/MS	L1	The associated blank spike recovery was above laboratory acceptance limits. See case narrative.
		1,1,2-Trichloroethane	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		2-Chloroethyl vinyl ether	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		Acetone	M8260B GC/MS	W1	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA method 8000B.
		Chlorobenzene	M8260B GC/MS	R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
L46427-02	WG174297	*All Compounds*	M8260B GC/MS	E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
		1,1,2,2-Tetrachloroethane	M8260B GC/MS	L1	The associated blank spike recovery was above laboratory acceptance limits. See case narrative.
		1,1,2-Trichloroethane	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		2-Chloroethyl vinyl ether	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		Acetone	M8260B GC/MS	W1	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA method 8000B.
		Chlorobenzene	M8260B GC/MS	R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
L46427-03	WG174297	*All Compounds*	M8260B GC/MS	E6	Concentration estimated. Internal standard recoveries did not meet method acceptance criteria.
		1,1,2,2-Tetrachloroethane	M8260B GC/MS	L1	The associated blank spike recovery was above laboratory acceptance limits. See case narrative.
		1,1,2-Trichloroethane	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		2-Chloroethyl vinyl ether	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		Acetone	M8260B GC/MS	W1	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA method 8000B.
		Chlorobenzene	M8260B GC/MS	R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
L46427-04	WG174297	1,1,2,2-Tetrachloroethane	M8260B GC/MS	L1	The associated blank spike recovery was above laboratory acceptance limits. See case narrative.
		1,1,2-Trichloroethane	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		2-Chloroethyl vinyl ether	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		Acetone	M8260B GC/MS	W1	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA method 8000B.
		Chlorobenzene	M8260B GC/MS	R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
L46427-05	WG174297	1,1,2,2-Tetrachloroethane	M8260B GC/MS	L1	The associated blank spike recovery was above laboratory acceptance limits. See case narrative.
		1,1,2-Trichloroethane	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		2-Chloroethyl vinyl ether	M8260B GC/MS	M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
		Acetone	M8260B GC/MS	W1	The % RSD for this compound was above 15%. The average % RSD for all compounds in the calibration met the 15% criteria as specified in EPA method 8000B.
		Chlorobenzene	M8260B GC/MS	R7	LFB/LFBD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.

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Organic Extended Qualifier Report

Walker and Associates

ACZ Project ID: ***L46427***

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION

ACZ Laboratories, Inc.
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Sample Receipt

Walker and Associates
YERINGTON MINE

ACZ Project ID: L46427
Date Received: 6/25/2004
Received By:

Receipt Verification

	YES	NO	NA
1) Does this project require special handling procedures such as CLP protocol?			X
2) Are the custody seals on the cooler intact?			X
3) Are the custody seals on the sample containers intact?	X		
4) Is there a Chain of Custody or other directive shipping papers present?	X		
5) Is the Chain of Custody complete?	X		
6) Is the Chain of Custody in agreement with the samples received?	X		
7) Is there enough sample for all requested analyses?	X		
8) Are all samples within holding times for requested analyses?	X		
9) Were all sample containers received intact?	X		
10) Are the temperature blanks present?	X		
11) Are the trip blanks (VOA and/or Cyanide) present?			X
12) Are samples requiring no headspace, headspace free?			X
13) Do the samples that require a Foreign Soils Permit have one?			X

Exceptions: If you answered no to any of the above questions, please describe

N/A

Contact (For any discrepancies, the client must be contacted)

N/A

Shipping Containers

Cooler Id		Temp (°C)	Rad (µR/hr)
ACZ		18.8	13

Client must contact ACZ Project Manager if analysis should not proceed for samples received outside of thermal preservation acceptance criteria.

Notes

TEMP ABOVE RECOMMENDED RANGE.

ACZ Laboratories, Inc.
2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

Sample Receipt

Walker and Associates
YERINGTON MINE

ACZ Project ID: L46427
Date Received: 6/25/2004
Received By:

Sample Container Preservation

SAMPLE	CLIENT ID	R < 2	G < 2	Y < 2	YG< 2	B < 2	BG< 2	O < 2	T >12	P >12	N/A	RAD
L46427-01	PAO-P1										Ö	
L46427-02	PAO-P2										Ö	
L46427-03	PAO-P3										Ö	
L46427-04	PAO-P4										Ö	
L46427-05	PAO-P5										Ö	

Sample Container Preservation Legend

Abbreviation	Description	Container Type	Preservative/Limits
R	Raw/Nitric	RED	pH must be < 3
B	Filtered/Sulfuric	BLUE	pH must be < 2
BG	Filtered/Sulfuric	BLUE GLASS	pH must be < 2
G	Filtered/Nitric	GREEN	pH must be < 2
O	Raw/Sulfuric	ORANGE	pH must be < 2
P	Raw/NaOH	PURPLE	pH must be > 12
T	Raw/NaOH Zinc Acetate	TAN	pH must be > 12
Y	Raw/Sulfuric	YELLOW	pH must be < 2
YG	Raw/Sulfuric	YELLOW GLASS	pH must be < 2
N/A	No preservative needed	Not applicable	
RAD	Gamma/Beta dose rate	Not applicable	must be < 250 µR/hr

ACZ Laboratories, Inc.

2773 Downhill Drive Steamboat Springs, CO 80487 (800) 334-5493

L46427

CHAIN of CUSTODY

Report to:

Name: Bob Walker
Company: Walker Stone
E-mail:

Address: 2618 J Suite 1
Sac, CA 95816
Telephone: 916 442-5309

Copy of Report to:

Name:
Company:
E-mail:
Telephone:

Invoice to:

Name:
Company:
E-mail:
Address:
Telephone:

PROJECT INFORMATION

Quote #:
Project/PO #: Yeerington Mine
Shipping Co.:
Tracking #:
Reporting State for compliance testing:

ANALYSES REQUESTED *(attach list or use quote number)*

SAMPLE IDENTIFICATION	DATE:TIME	Matrix	# of Containers	VOAs							
PAO-P1	10:20 AM 6/24	Soil	1								
PAO-P2	↓	↓	↓	↓							
PAO-P3											
PAO-P4											
PAO-P5											

Matrix: SW (Surface Water) · GW (Ground Water) · WW (Waste Water) · DW (Drinking Water) · SL (Sludge) · SO (Soil) · OL (Oil) · Other (Specify)

REMARKS

RELINQUISHED BY:	DATE:TIME	RECEIVED BY:	DATE:TIME
Bob Walker	2:31 pm 6/24	CM	6/28/04 10:00

PAGE Of

FRMQA021.10.01.04

White - Return with sample. ~~Yellow - Retain for your records.~~