

Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121
Website: www.radsafe.com

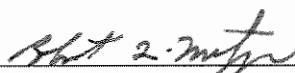
(480) 897-9459
FAX (480) 892-5446

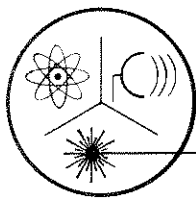
Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
201 East Washington Street, Suite 500
Phoenix, AZ 85024

Sample Received: December 29, 2003
Analysis Completed: January 13, 2004

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method 00-07 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)
BHP-9	9.0 ± 1.5	---	---	1.7 ± 0.2	0.7 ± 0.3	2.4 ± 0.4
BHP-8	12.0 ± 1.7	---	---	2.3 ± 0.2	< 0.3	2.3 ± 0.2
BHP-6	11.6 ± 1.7	---	---	2.0 ± 0.2	0.6 ± 0.3	2.6 ± 0.4
BHP-7	5.4 ± 1.1	---	---	1.0 ± 0.1	< 0.4	1.0 ± 0.1
OWB-3	8.7 ± 1.3	---	---	1.7 ± 0.2	< 0.3	1.7 ± 0.2


Robert L. Metzger, Ph.D., C.H.P.



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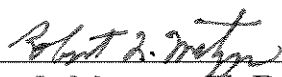
(480) 897-9459
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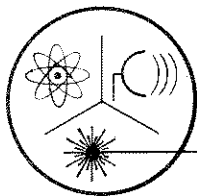
Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
201 East Washington Street, Suite 500
Phoenix, AZ 85024

Sample Received: December 29, 2003
Analysis Completed: January 13, 2004

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method 00-07 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)
BHP-4	16.0 ± 1.9	7.5 ± 1.0	8.5 ± 2.2	2.1 ± 0.2	0.3 ± 0.3	2.4 ± 0.4
BHP-3	13.7 ± 1.8	---	---	0.4 ± 0.1	< 0.3	0.4 ± 0.1
BHP-10	10.8 ± 1.5	---	---	0.6 ± 0.1	< 0.3	0.6 ± 0.1
BHP-1	5.5 ± 1.1	---	---	1.2 ± 0.1	< 0.3	1.2 ± 0.1
BHP-5	13.8 ± 1.8	---	---	1.9 ± 0.2	0.3 ± 0.3	2.2 ± 0.4


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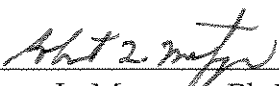
FAX (480) 892-5446

Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
201 East Washington Street, Suite 500
Phoenix, AZ 85024

Sample Received: December 29, 2003
Analysis Completed: January 13, 2004

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method 00-07 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)
OWB-6	14.1 ± 1.8	6.9 ± 1.0	7.2 ± 2.1	1.5 ± 0.2	< 0.3	1.5 ± 0.2
BHP-13	18.0 ± 2.0	6.0 ± 0.9	11.5 ± 2.2	2.6 ± 0.3	1.8 ± 0.4	4.4 ± 0.5


Robert L. Metzger, Ph.D., C.H.P.

Client Information					Radiation Safety Engineering, Inc. 3245 North Washington Street Chandler, Arizona 85225												
Name <u>Bob Sylvester</u>					Analysis Request pg 2 of 3												
Company _____																	
Address _____																	
Phone _____																	
PWS# _____																	
Sampler Sig. Phone # _____					Drinking Water Compliance	Gross Alpha	Gross Beta	Total Uranium	Isotopic Uranium	Ra-226	Ra-228	H-3	Gamma Spectroscopy	Sr-89/Sr-90	Radon in Water	Radon in Air	
Sample ID & Location (DWR#)	Collection Date Time		Media (DW* WW* Other)														
21809	BHP-4	12-24-03	1020	DW	✓												
21810	BHP-3		1045		✓												
21811	BHP-10		1110		✓												
21812	BHP-1		1135		✓												
21813	BHP-5	12-24-03	1200	DW	✓												
Sample Receipt					Invoice to:				Relinquished by:								
Total No. of Containers					_____				Signature <u>[Signature]</u>								
Chain of Custody Seals					_____				Printed Name <u>Barbara Sylvester</u>								
Container Condition					_____				Company <u>Brown & Caldwell</u>								
Lab No.					_____				Date <u>12-29-03</u>								
					Instructions/Comments				Received by:								
					_____				Signature <u>[Signature]</u>								
					_____				Printed Name _____								
					_____				Company <u>Radiation Safety Engineering, Inc.</u>								
					_____				Date <u>12/29/03</u>								

* DW = Drinking Water, WW = Waste Water.

u/client/forms

Client Information

Name Barb Sylvester
 Company Brown + Caldwell
 Address 201 E Washington Suite 500
 Phone Phoenix AZ 85024
602 507 3894
 PWS# _____
 Sampler Sig. Submittal to
 Phone # _____

Radiation Safety Engineering, Inc.

3245 North Washington Street
 Chandler, Arizona 85225

Analysis Request

pg 1 of 3

21804
 21805
 21806
 21807
 21808

Sample ID & Location (DWR#)	Collection		Media (DW* WW* Other)	Drinking Water Compliance	Gross Alpha	Gross Beta	Total Uranium	Isotopic Uranium	Ra-226	Ra-228	H-3	Gamma Spectroscopy	Sr-89/Sr-90	Radon in Water	Radon in Air
	Date	Time													
3HP-9	12/29/03	0800	DW	✓											
3HP-8		0840		✓											
3HP-6		0905		✓											
BHP-7		0930		✓											
OWB-3	12/29/03	1000	DW	✓											

Sample Receipt

Total No. of Containers

Chain of Custody Seals

Container Condition

Lab No.

Invoice to:

Vanguard Properties
975 Johnson Ferry Rd
Suite 450
Atlanta GA 30342

Instructions/Comments

Relinquished by:

Signature [Signature]
 Printed Name Barbara Sylvester
 Company Brown + Caldwell
 Date 12-29-03

Received by:

Signature RDClose
 Printed Name _____
 Company Radiation Safety Engineering, Inc.
 Date 12/29/03

u/client/forms

* DW = Drinking Water, WW = Waste Water.

BHP-6 delivered in two cubitainers ALL OTHER SAMPLES EXCEPTING BHP-7 WERE DELIVERED IN A SINGLE CUBITAINER. BHP-7 WAS NOT RECEIVED ON 12-29-03 SUSPECT INADVERTENT MIS-LABELLING OF SAMPLE.

Client Information

Name: Bob Sylvester

Company: _____

Address: _____

Phone: _____

PWS#: _____

Sampler Sig.
Phone #: _____

Sample ID & Location (DWR#)	Collection		Media (DW* WW* Other)
	Date	Time	

21814

21815

003-6	12-24-03	1215	DW
BHP-13	12/29/03	1235	DW

Sample Receipt

Total No. of Containers

Chain of Custody Seals

Container Condition

Lab No.

Radiation Safety Engineering, Inc.

3245 North Washington Street
Chandler, Arizona 85225

Analysis Request

pg 3 of 3

Drinking Water
Compliance

Gross Alpha

Gross Beta

Total Uranium

Isotopic Uranium

Ra-226

Ra-228

H-2

Gamma
Spectroscopy

Sr-89/Sr-90

Radon in Water

Radon in Air

Invoice to:

Relinquished by:

Signature

Printed Name

Company

Date

Received by:

Signature

Printed Name

Company

Date

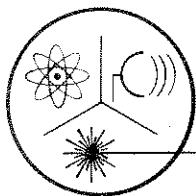
Instructions/Comments

Radiation Safety Engineering, Inc.

12/29/03

* DW = Drinking Water, WW = Waste Water.

w/client/forms



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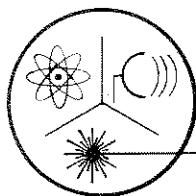
Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
201 East Washington Street, Suite 500
Phoenix, AZ 85024

Sample Received: December 30, 2003
Analysis Completed: January 13, 2004

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method 00-07 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)	Radon 222 Activity Method 7500 - Rn (pCi/L)
BHP-12	29.0 ± 3.0	14.2 ± 1.3	14.8 ± 3.3	6.4 ± 0.6	< 0.4	6.4 ± 0.6	7403 ± 741
BHP-11	16.0 ± 2.0	5.7 ± 0.9	10.3 ± 2.2	3.4 ± 0.3	1.4 ± 0.3	4.8 ± 0.4	---
BWB-4	29.0 ± 2.8	6.3 ± 0.9	22.7 ± 3.0	5.9 ± 0.6	< 0.4	5.9 ± 0.6	8778 ± 878
OWB-2	5.8 ± 1.1	---	---	< 0.3	< 0.3	< 0.3	---
OWB-1	8.6 ± 1.4	---	---	0.6 ± 0.1	< 0.4	0.6 ± 0.1	1184 ± 119


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JAN 23 '04

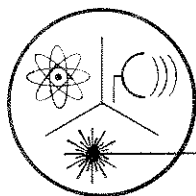
Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
201 East Washington Street, Suite 500
Phoenix, AZ 85024

Sample Received: December 30, 2003
Analysis Completed: January 20, 2004

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method 00-07 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)
OWB-5	14.9 ± 1.8	5.9 ± 0.6	9.0 ± 1.9	2.1 ± 0.2	< 0.4	2.1 ± 0.2
OWB-7	14.0 ± 1.8	6.7 ± 0.6	7.3 ± 1.9	1.7 ± 0.2	1.2 ± 0.3	2.9 ± 0.4
CHI-R	134.7 ± 10.7	126.6 ± 4.2	8.1 ± 11.5	1.4 ± 0.2	4.1 ± 0.5	5.5 ± 0.5
CHI-B	102.0 ± 8.0	68.4 ± 3.0	33.6 ± 8.5	21.0 ± 2.0	2.8 ± 0.4	23.8 ± 2.0
CH2-R	65.0 ± 9.0	45.0 ± 3.4	20.0 ± 9.6	7.0 ± 0.7	3.2 ± 0.5	10.2 ± 0.9


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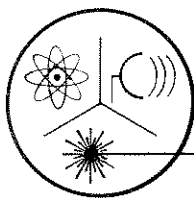
Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
201 East Washington Street, Suite 500
Phoenix, AZ 85024

Sample Received: December 30, 2003
Analysis Completed: January 13, 2004

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method 00-07 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)	Radon 222 Activity Method 7500 - Rn (pCi/L)
CH2-B	31.0 ± 5.4	18.1 ± 1.5	12.9 ± 5.6	4.7 ± 0.5	2.4 ± 0.4	7.1 ± 0.6	---
Evap Pond	11.3 ± 3.5	5.7 ± 0.8	5.6 ± 3.6	1.5 ± 0.2	< 0.3	1.5 ± 0.2	---
BHP-8	---	---	---	---	---	---	8469 ± 848
BHP-9	---	---	---	---	---	---	6844 ± 685
BHP-5	---	---	---	---	---	---	9592 ± 960


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FAX (480) 892-5446

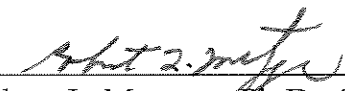
Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
3636 N Central Avenue, Suite 200
Phoenix, AZ 85012

Samples Received: December 30, 2003
Analysis Completed: January 5, 2004

JAN - 7 2004

Sample ID	Radon 222 Activity Method 7500 - Rn (pCi/L)
OWB-6	9,138 ± 915


Robert L. Metzger, Ph.D., C.H.P.

Client Information

Name Barb Sylvester
 Company Brown + Caldwell
 Address 201 E Washington St. #500
Phoenix AZ 85004
 Phone 602 567 3894
 PWS# _____
 Sampler Sig. [Signature]
 Phone # _____

Radiation Safety Engineering, Inc.

3245 North Washington Street
 Chandler, Arizona 85225

Analysis Request

pg 1 of 4

Sample ID & Location (DWR#)	Collection		Media (DW* WW* Other)	Drinking Water Compliance	Gross Alpha	Gross Beta	Total Uranium	Isotopic Uranium	Ra-226	Ra-228	H-3	Gamma Spectroscopy	Sr-89/Sr-90	Radon in Water	Radon in Air
	Date	Time													
21824 BHP-12	12-30-03	0805	DW	✓										✓	
21825 BHP-11		0830		✓											
11826 OLB-4		0910		✓										✓	
21827 OLB-2		0930		✓											
21828 OLB-1	12/30/03	0955	DW	✓										✓	

Sample Receipt

Total No. of Containers

Chain of Custody Seals

Container Condition

Lab No.

Invoice to:

Vanguard Properties
975 Johnson Ferry Rd
Suite 450
Atlanta GA 30342

Instructions/Comments

Relinquished by:

Signature [Signature]
 Printed Name Brown + Caldwell
 Company Barbara Sylvester
 Date 12-30-03

Received by:

Signature [Signature]
 Printed Name Aria Pike
 Company Radiation Safety Engineering, Inc.
 Date 123003

* DW = Drinking Water, WW = Waste Water.

Client Information

Radiation Safety Engineering, Inc.

3245 North Washington Street
Chandler, Arizona 85225

Name

Company

Brown + Caldwell

Address

Phone

PWS#

Sampler Sig.
Phone #

Analysis Request

pg 2 of 4

21827
21830
21831
21832
21833

Sample ID & Location (DWR#)	Collection		Media (DW* WW* Other)	Drinking Water Compliance	Gross Alpha	Gross Beta	Total Uranium	Isotopic Uranium	Ra-226	Ra-228	H-3	Gamma Spectroscopy	Sr-89/Sr-90	Radon in Water	Radon in Air
	Date	Time													
21827 QWB-5	12-30-03	1025	DW	✓			✓								
21830 QWB-7		1045		✓			✓								
21831 CH1-R		1120		✓											
21832 CH1-B		1120	✓	✓											
21833 CH2-R	12-30-03	1200	DW	✓											

Sample Receipt

Total No. of Containers

Chain of Custody Seals

Container Condition

Lab No.

Invoice to:

Instructions/Comments

Relinquished by:

Signature

Printed Name

Company

Date

Received by:

Signature

Printed Name

Company

Date

Barbara S. Lester
Barbara S. Lester
Brown + Caldwell
12-30-03

Aria Pike
Aria Pike
Radiation Safety Engineering, Inc.
123003

* DW = Drinking Water, WW = Waste Water.

✓ REQUESTED BY PHONE

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Client Information

Radiation Safety Engineering, Inc.

3245 North Washington Street
Chandler, Arizona 85225

Analysis Request

pg 3 of 4

Name

Company

Brown + Caldwell

Address

Phone

PWS#

Sampler Sig.
Phone #

Sample ID
&
Location
(DWR#)

Collection

Date

Time

Media
(DW*
WW*
Other)

Drinking Water
Compliance

Gross Alpha

Gross Beta

Total Uranium

Isotopic Uranium

Ra-226

Ra-228

H-3

Gamma
Spectroscopy

Sr-89/Sr-90

Radon in Water

Radon in Air

21834

CH2-B

12-30-03

1200

DW

✓

21835

Evap
Pool

1

1330

WW

✓

21836

BHP-8

1

1100

DW

✓

21837

BHP-9

✓

1100

DW

✓

21838

BHP-5

12-30-03

1600

DW

✓

Sample Receipt

Invoice to:

Relinquished by:

Total No. of Containers

Signature

Printed Name

Company

Date

Chain of Custody Seals

Container Condition

Instructions/Comments

Received by:

Signature

Printed Name

Company

Date

Lab No.

Radiation Safety Engineering, Inc.

123003

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Client Information

Name

Company

Address

Phone

PWS#

Sampler Sig.

Phone #

Sample ID
&
Location
(DWR#)

Collection

Date

Time

Media
(DW*
WW*
Other)

Drinking Water
Compliance

Gross Alpha

Gross Beta

Total Uranium

Isotopic Uranium

Ra-226

Ra-228

H-3

Gamma
Spectroscopy

Sr-89/Sr-90

Radon in Water

Radon in Air

Radiation Safety Engineering, Inc.

3245 North Washington Street

Chandler, Arizona 85225

Analysis Request

pg 4 of 4

Sample Receipt

Total No. of Containers

Chain of Custody Seals

Container Condition

Lab No.

Invoice to:

Instructions/Comments

Relinquished by:

Signature

Printed Name

Company

Date

Received by:

Signature

Printed Name

Company

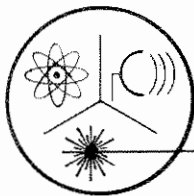
Date

Barbara Sylvester
Barbara Sylvester
Brown + Caldwell
12-30-03

Arlo Pike
Arlo Pike
Radiation Safety Engineering, Inc.
123003

* DW = Drinking Water, WW = Waste Water.

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Radiation Safety Engineering, Inc.

3245 N. WASHINGTON ST. • CHANDLER, ARIZONA 85225-1121

Website: www.radsafe.com

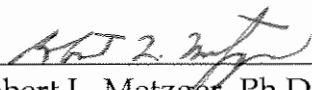
FEB - 2
[480] 897-9459
FAX [480] 892-5446

Radiochemical Activity in Water (pCi/L)

Brown & Caldwell
201 East Washington Street, Suite 500
Phoenix, AZ 85024

Sample Received: January 12, 2004
Analysis Completed: January 27, 2004

Sample ID	Gross Alpha Activity Method 600/00-02 (pCi/L)	Uranium Activity Method 00-07 (pCi/L)	Adjusted Gross Alpha (pCi/L)	Radium 226 Activity Method 903.1 (pCi/L)	Radium 228 Activity Method 904 (pCi/L)	Total Radium (pCi/L)
BHP-2	36.6 ± 3.5	8.6 ± 1.5	28.0 ± 3.8	6.0 ± 0.6	2.5 ± 0.5	8.5 ± 0.8


Robert L. Metzger, Ph.D., C.H.P.

Client Information

Name Barb Sylvestre
 Company Brown + Caldwell
 Address 201 E Washington St Suite 200 Phoenix AZ 85004
 Phone 602 567 3894
 PWS# _____
 Sampler Sig. _____
 Phone # _____

Radiation Safety Engineering, Inc.

3245 North Washington Street
 Chandler, Arizona 85225

Analysis Request

Sample ID & Location (DWR#)	Collection		Media (DW* WW* Other)	Drinking Water Compliance	Gross Alpha	Gross Beta	Total Uranium	Isotopic Uranium	Ra-226	Ra-228	H-3	Gamma Spectroscopy	Sr-89/Sr-90	Radon in Water	Radon in Air
	Date	Time													
21895 BHP-2	1/10/04	1220	DW	✓											

Sample Receipt

Total No. of Containers _____

Chain of Custody Seals _____

Container Condition _____

Lab No. _____

Invoice to:

Vingard Properties
775 Johnson Ferry Rd
Suite 400
Atlanta GA 30342

Instructions/Comments

Relinquished by:

Signature [Signature]
 Printed Name Barbara Sylvestre
 Company Brown + Caldwell
 Date 1-18-04

Received by:

Signature [Signature]
 Printed Name Anna Pike
 Company Radiation Safety Engineering, Inc.
 Date 01/20/04