



*Central File  
JH Baxter Arlington  
WAP053023014  
H2W 6.3.2  
"SR2102 PPT  
Progress Report*

September 16, 2002

Ms. Kim Ogle, RCRA Project Manager  
United States EPA, Region 10  
1200 Sixth Avenue  
Seattle, WA 98101

**Subject: September 15, 2002 Progress Report  
J. H. BAXTER ARLINGTON FACILITY  
Docket No. RCRA-10-2001-0086**

Dear Ms. Ogle:

This letter provides the September 15, 2002 progress report for work completed under the Administrative Order on Consent (AOC) for the J. H. Baxter (Baxter) facility during the period August 15 to September 15, 2002.

### **Significant Developments This Period**

This section discusses significant developments for the referenced reporting period, including actions performed and any problems encountered relative to work required by the AOC. Significant developments that occurred on this project during this reporting period are outlined below:

- Implementation of the Site Investigation (SI) Work Plan began on August 7, 2002. The majority of the SI field work was completed during the reporting period; including:
  - Completion of onsite shallow soil boreholes and shallow monitoring wells
  - Completion of onsite surface soil samples
  - Completion of onsite ditch sediment samples
  - Completion of offsite background surface soil samples
  - Surveying of sample stations and borehole/well locations.
- Preliminary laboratory data from initial SI field sampling activities were received during the latter part of the reporting period. This data will be evaluated with representatives of the United States Environmental Protection Agency (EPA) to determine if additional sampling is warranted at the facility.



- On August 20, 2002, a letter was sent to Burlington Northern Santa Fe Railway (BNSF) requesting access for sampling of ditch sediments in the BNSF right-of-way. In addition, a separate letter was sent to BNSF on August 20, 2002, requesting a formal access agreement to discharge treated water under an NPDES permit into BNSF's ditch adjacent to the facility.
- On August 21, 2002, Baxter was granted a 45-day extension by EPA for the revisions to the SI Work Plan, as requested by EPA in Enclosure B of EPA's July 8, 2002 letter.
- On August 28, 2002, Baxter met with EPA in Seattle, Washington to discuss EPA's comments on the approach for the air investigation presented in Enclosure B of the July 8, 2002 EPA letter entitled Approval with Modification, Partial Disapproval and Conditions of Approval of the May 15<sup>th</sup>, 2002, Revision 2, Site Investigation Work Plan. Baxter will redraft the air pathways analysis section of the SI Work Plan based on the discussions at the meeting and submit it as an addendum to the May 15<sup>th</sup> SI Work Plan. The addendum will be the only deliverable in response to the Agency's July 8, 2002 comment letter as it relates to the air pathway (specifically Enclosure B of the comment letter).
- On August 29, 2002, Baxter met with EPA to discuss regulatory issues including the characterization of the stormwater at the facility, which was an impediment to progress on the Stormwater Improvement Measures. Resolution of this issue is discussed below under *Anticipated Problems and Problem Resolution*.
- On September 9, 2002, Baxter submitted the Engineering Report for Stormwater Improvement Measures to the EPA and Washington Department of Ecology (Ecology). Included in the Engineering Report was the State Environmental Policy Act (SEPA) checklist. The Engineering Report and SEPA checklist were also transmitted to the City of Arlington for their review.
- Baxter has initiated the permit application and approval process with the City of Arlington for the proposed Stormwater Improvement Measures described in the Engineering Report.
- The Hydrologic Study of the stormwater conveyance channel located adjacent to the facility was initiated in August. The City of Arlington and Snohomish County have provided hydrologic information on the channel downstream of 172<sup>nd</sup> Street.
- Precipitation during this reporting period was insufficient to generate enough stormwater to treat using the stormwater treatment pilot system. Laboratory data from the pilot study collected during the previous reporting period is still being validated and will be submitted when it becomes available.
- Validated analytical data and letters to property owners from the July 2002 sampling of offsite drinking water wells is provided as Attachment 1.

### **Anticipated Developments Next Period**

This section discusses developments anticipated during the next reporting period, as outlined below:

- A meeting is tentatively scheduled at the facility with EPA personnel Kim Ogle and Rene Fuentes on September 17, 2002 to discuss preliminary findings of the SI.
- Baxter will continue to implement the SI Work Plan during the next reporting period. Planned field activities include installation of the deep boreholes, collection of offsite soil samples proposed for the air investigation, additional surface soil sampling in the Main Treatment Area (at EPA's request), and "step-out" boreholes and wells that may be required (if any) pending evaluation of preliminary laboratory data. A drill rig will be mobilized to the facility on September 16, 2002 to drill the deeper boreholes.
- Baxter will redraft the air pathways analysis section of the SI Work Plan and submit it as an addendum in response to Enclosure B of EPA's July 8, 2002 comment letter on the SI Work Plan. The addendum will be submitted to EPA by September 23, 2002.
- A pre-application meeting has been scheduled with the City of Arlington for September 18, 2002 to review required City Permits and other necessary information for the Stormwater Improvement Measures.
- Baxter will continue with development of the Plans and Specifications for the Stormwater Improvement Measures. The Plans and Specifications are to be submitted within 30 days of receipt of Ecology's review comments on the Engineering Report (submitted September 9, 2002).
- Baxter will prepare a brief summary report for the recently completed stormwater pilot study activities. It is anticipated that this summary report will be included in the November progress report. Baxter will continue the stormwater pilot study, including treatment of stormwater collected from the treated pole storage area when stormwater is present on site. Laboratory data from the pilot study will be validated and submitted as it becomes available.
- The Hydrologic Study required by Ecology for the NPDES permit will continue during the next period.

### **Anticipated Problems and Problem Resolution**

This section discusses anticipated problems, and planned resolution of past or anticipated problems.

- Issues regarding the characterization of stormwater at the facility had been an impediment to implementation of the Stormwater Improvement Measures. Based on the August 29, 2002 meeting, Baxter understands that EPA will not characterize stormwater

at the plant as a listed hazardous waste, if it is separated from precipitation on the aprons adjacent to the drip pads and from certain areas of contamination such as the old french drains by the aprons, and the facility complies with the relevant provisions of Subpart W. Based on the August 29 discussions with EPA, Baxter is evaluating changes to the aprons to isolate precipitation runoff from aprons and identifying other areas of concern.

- On August 7, 2002, Baxter submitted a letter to Ecology requesting an extension for delivery of the Final Engineering Report, implementation of Stormwater Improvement Measures, and interim discharge limits set forth in the State Waste Discharge Permit (SWDP). Baxter has not yet received a written response to this request.
- As mentioned previously, it will not be possible for the analytical lab to complete the data analysis and for the required quality assurance to be completed within 60 days as stated in the AOC. Baxter is submitting a separate extension request for submission of the data.

### **Other Information**

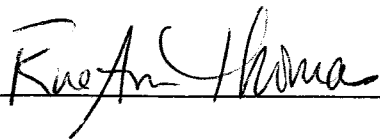
Any other information relevant to the AOC is discussed in this section, including results of any sampling or testing completed within the reporting period.

- In accordance with the SWDP, Baxter performed quarterly sampling of groundwater monitoring wells BXS-1, MW-2, HCMW-5, HCMW-6, and HCMW-7 in July 2002. Baxter also sampled the carbon units and all of the landfill monitoring wells in July 2002. These results were received on August 15, 2002 and are currently being validated. It is expected that validated data will be submitted in the next progress report.

### **Certification**

I certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to evaluate the information submitted. I certify that the information contained in or accompanying this submittal is true, accurate and complete. As to those identified portions(s) of this submittal for which I cannot personally verify the accuracy, I certify that this submittal and all attachments were prepared in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, or the immediate supervisor of such person(s), the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: \_\_\_\_\_



Name: RueAnn Thomas  
Title: Environmental Programs Director  
Date: September 16, 2002

We trust this letter meets the intent of the Progress Report per Paragraph 71 of the AOC. If you have any questions, please contact me at (541) 689-3801.

Sincerely,

A handwritten signature in cursive script that reads "RueAnn Thomas".

RueAnn Thomas  
Environmental Programs Director

cc: Jeanne Tran, Ecology  
Dean Yasuda, Ecology  
Georgia Baxter, J. H. Baxter & Co.  
Mary Larson, J. H. Baxter & Co.  
Sara Beth Watson, Steptoe and Johnson, LLP.  
Les Brewer, Premier Environmental Services, Inc.

## **Attachment 1**

### **Drinking Water Sampling Results**



August 14, 2002

Mr. James Bardell  
25124 27th Avenue NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear James:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to attempt to sample your well. In preparation for the July 2002 sampling event it was determined that the pump in your well is not operable and you are currently using City water. With the pump out of service, we were not able to collect a representative sample of drinking water from your on-site well. If there is a need to sample your well in the future, we will contact you to inquire about the status of your well. We will contact you several weeks prior to the sampling period to obtain your permission. At that time, if the pump has been repaired we will collect a sample from the well. Otherwise, no sample will be collected.

Thank you for your cooperation and participation in the sampling program set up under the Administrative Order on Consent between US EPA and J.H. Baxter & Company. If there are any questions, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter



August 14, 2002

Brandon Miller  
18110 67th Avenue NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Brandon:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 17, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 22H02 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.





Brandon Miller  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWDER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/17/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 22H02  
Lab Code: K2204836-015  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	73	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



August 14, 2002

Kenneth Root  
30901 247th Avenue NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Kenneth:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 17, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 22H02 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Kenneth Root  
August 14, 2002

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Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

A handwritten signature in dark ink, appearing to read 'Tyson D. Carlson'.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in dark ink, appearing to read 'William B. Abercrombie'.

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/17/2002  
Date Received: 07/18/2002

### Chlorinated Phenols

Sample Name: 22H02  
Lab Code: K2204836-015  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Not
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	73	38-119	08/03/02	Acceptable

#### † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:





Helen Hoggrath  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

A handwritten signature in black ink, appearing to read 'Tyson D. Carlson', written over the company name.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in black ink, appearing to read 'William B. Abercrombie', written in a cursive style.

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q01  
Lab Code: K2204836-001  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	64	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:





4150 27th Avenue, NE

Seattle, WA 98105

4150 27th Ave

August 14, 2002

Ray Fietkau  
6211 204th Place NE  
Arlington, WA 98223

6211 204th

**Re: Drinking Water Sampling Results**  
7026-21

Dear Ray:

Dear Mr.

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

Dear Mr.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 10Q02 on the laboratory report identifies your well.

Dear Mr.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

Dear Mr.

Dear Mr.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.

Dear Mr.

Dear Mr.

Dear Mr.



Ray Fietkau  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q02  
Lab Code: K2204836-002  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	73	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



August 14, 2002

Pat & Norman Olson  
6131 204th Place NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Pat & Norman:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 10Q03 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Pat & Norman Olson  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q03  
Lab Code: K2204836-003  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	76	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



August 14, 2002

Joan Gray  
6115 204th Place NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Joan:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 10Q04 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Joan Gray  
August 14, 2002

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Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter



## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q04  
Lab Code: K2204836-004  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	65	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:

00011



August 14, 2002

Joe Goffin  
6031 204th Place NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Joe:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 10Q05 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Joe Goffin  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

A handwritten signature in black ink, appearing to read 'Tyson D. Carlson', written over a light blue horizontal line.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in black ink, appearing to read 'William B. Abercrombie', written over a light blue horizontal line.

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q05  
Lab Code: K2204836-005  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	73	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



1. *Chlorophyll a* (Chl *a*)

100

[illegible]

100

Figure 1

 $\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$ 

*Journal of Management Education* 35(1)



Tobby Strotz  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

A handwritten signature in black ink, appearing to read 'Tyson D. Carlson'.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in black ink, appearing to read 'William B. Abercrombie'.

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q06  
Lab Code: K2204836-006  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	65	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



August 14, 2002

Jacquie Slapinski  
6122 204th Place NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Jacquie:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 10Q07 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.





Jacquie Slapinski  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART-CROWSER, INC.**

A handwritten signature in dark ink, appearing to read 'Tyson D. Carlson', written over the company name.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in dark ink, appearing to read 'William B. Abercrombie', written over the company name.

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q07  
Lab Code: K2204836-007  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	75	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:

00014



August 14, 2002

Tom Claxston  
6224 204th Place NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Tom:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 10Q08 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Tom Claxston  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

A handwritten signature in black ink, appearing to read 'Tyson D. Carlson'.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in black ink, appearing to read 'William B. Abercrombie'.

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 10Q08  
Lab Code: K2204836-008  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	67	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



August 14, 2002

Erika Morris  
City of Arlington  
238 N Olympic Avenue  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Erika:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 15A01 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Erika Morris  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART-CROWSER, INC.**

A handwritten signature in black ink, appearing to read 'TD Carlson', written over a light blue horizontal line.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in black ink, appearing to read 'William B. Abercrombie', written over a light blue horizontal line.

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 15A01  
Lab Code: K2204836-009  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	74	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:





August 14, 2002

100% Positive

Craig Olsen  
20326 61st Drive NE  
Arlington, WA 98223

100%

**Re: Drinking Water Sampling Results**  
7026-21

Dear Craig:

100%

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

100%

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 15B03 on the laboratory report identifies your well.

100%

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

100%

100%

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.

100%

100%

100%



Craig Olsen  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 15B03  
Lab Code: K2204836-010  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	67	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



August 14, 2002

Ronald Mortenson  
6210 204th Place NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Ronald:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 15B04 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Ronald Mortenson  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART-CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 15B04  
Lab Code: K2204836-011  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	63	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:

00018

August 14, 2002

Ambridge

Ken Bohn  
5531 Cemetery Road  
Arlington, WA 98223

Aspen

**Re: Drinking Water Sampling Results**  
7026-21

Denver

Dear Ken:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 17, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

Portland

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 15F01 on the laboratory report identifies your well.

Seattle

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

Seattle City

Spokane

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.

Long Beach

Portland



Ken Bohn  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter



## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/17/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 15F01  
Lab Code: K2204836-012  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	54	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:

00019



August 14, 2002

Hazel Grow  
5530 Cemetery Road  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Hazel:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 15F02 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Hazel Grow  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 15F02  
Lab Code: K2204836-013  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	67	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



August 14, 2002

Glenn Rengen  
Pacific Road & Bridge Company  
P.O. Box 3393  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Glenn:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 15F03 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Glenn Rengen  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART-CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 15F03  
Lab Code: K2204836-014  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	63	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:

00021



August 14, 2002

Roger Perkins  
17700 67th Avenue NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Roger:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 17, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 22J01 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.





Roger Perkins  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART-CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/17/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 22J01  
Lab Code: K2204836-016  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	73	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:

00023



10/24/2002 10:58:00 AM

August 14, 2002

10/24/2002 10:58:00 AM

Dwight Dirking  
17722 1/2 67th Avenue NE  
Arlington, WA 98223

10/24/2002 10:58:00 AM

**Re: Drinking Water Sampling Results**  
7026-21

Dear Dwight:

10/24/2002 10:58:00 AM

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 16, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

10/24/2002 10:58:00 AM

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 22J02 on the laboratory report identifies your well.

10/24/2002 10:58:00 AM

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

10/24/2002 10:58:00 AM

10/24/2002 10:58:00 AM

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.

10/24/2002 10:58:00 AM

10/24/2002 10:58:00 AM

10/24/2002 10:58:00 AM



Dwight Dirking  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

A handwritten signature in black ink, appearing to read 'Tyson D. Carlson'.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in black ink, appearing to read 'William B. Abercrombie'.

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/16/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 22J02  
Lab Code: K2204836-017  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	69	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:



WELL 7026-21 (JH BAXTER WOOD PRESERVING)

August 14, 2002

Ambridge

Don Smith  
City of Arlington  
238 N Olympic Avenue  
Arlington, WA 98223

Boston

**Re: Drinking Water Sampling Results**  
7026-21

Denton

Dear Don:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 17, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

Elmer

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 22L01 on the laboratory report identifies your well.

Enrico

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

Jersey City

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.

Lincoln

Long Beach

Memphis

San Jose



Don Smith  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART-CROWSER, INC.**

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

**WILLIAM B. ABERCROMBIE**  
Principle

Attachments:  
Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

F:\docs\jobs\702621\ResidentLetter0802.doc

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/17/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 22L01  
Lab Code: K2204836-018  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	71	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments:





August 14, 2002

Gary Niklason  
6804 188th Street NE  
Arlington, WA 98223

**Re: Drinking Water Sampling Results**  
7026-21

Dear Gary:

Thank you for allowing us, on behalf of J.H. Baxter & Company, to sample your well on July 17, 2002. We sent the water sample to a qualified analytical laboratory (Columbia Analytical, Inc.) for chemical analysis of pentachlorophenol (PCP) and related compounds. This letter provides the results of the laboratory analysis conducted on your well water sample.

We are pleased to report that the chemical testing indicates your water does not contain PCP and related compounds. This is the third consecutive sample tested from your well where these chemicals were not detected. The results of the analysis are included as an attachment to this letter. Our identification number of 23D02 on the laboratory report identifies your well.

PCP is a wood preservative that has been found in the subsurface at the J. H. Baxter Wood Preserving facility. As a preventative measure, and in accordance with the Administrative Order on Consent between US EPA and J.H. Baxter & Company, your well water was sampled to ensure that PCP and related compounds were not present in your drinking water.

In accordance with the Administrative Order on Consent, we will contact you if there is a need to resample your well. We will contact you several weeks prior to the sampling period to obtain your permission.



Gary Niklason  
August 14, 2002

7026-21  
Page 2

Thank you for allowing us to sample your well water. If there are any questions about your results or future sampling events, please contact us at 206-324-9530.

Sincerely,

**HART CROWSER, INC.**

A handwritten signature in black ink, appearing to read 'Tyson D. Carlson', written over the company name.

**TYSON D. CARLSON**  
Senior Staff Hydrogeologist

A handwritten signature in black ink, appearing to read 'William B. Abercrombie', written over the company name.

**WILLIAM B. ABERCROMBIE**  
Principle

**Attachments:**

Analytical Results; Columbia Analytical Services, Inc.

cc: Kim Ogle, EPA  
RueAnn Thomas, J. H. Baxter  
Mary Larson, J. H. Baxter

## Analytical Results

Client: Hart Crowser, Inc.  
Project: J.H. Baxter/7026-21  
Sample Matrix: Water

Service Request: K2204836  
Date Collected: 07/17/2002  
Date Received: 07/18/2002

## Chlorinated Phenols

Sample Name: 23D02  
Lab Code: K2204836-019  
Extraction Method: METHOD  
Analysis Method: 8151M

Units: ug/L  
Basis: NA  
Level: Low

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
2,3,4,5-Tetrachlorophenol	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
2,3,5,6-Tetrachlorophenol†	ND	U	0.40	1	07/23/02	08/03/02	KWG0205295	
Pentachlorophenol	ND	U	0.20	1	07/23/02	08/03/02	KWG0205295	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromo-2,6-dichlorophenol	61	38-119	08/03/02	Acceptable

## † Analyte Comments

2,3,5,6-Tetrachlorophenol This analyte cannot be separated from 2,3,4,6-Tetrachlorophenol.

Comments: