



STATE OF  
COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

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## DRMS Inspection 5-15-17 Timnath Connell Pit

2 messages

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**Kevin Anderson** <kanderson@connellresources.com>  
To: "Ebert - DNR, Jared" <jared.ebert@state.co.us>

Fri, Jun 16, 2017 at 12:55 PM

Jared, I was planning on getting this in the mail today but our postage meter has been taken down while we do some renovation in our office.

I still hope to get this in the mail today. It is due on Monday June 19<sup>th</sup>.

Meanwhile, via Email, here is what our response to the 2 issues from the inspection.

- 1.) Backfilling and Grading – Request for a Technical Revision
- 2.) Hydrologic balance – see attached.

**Kevin Anderson**

[kanderson@connellresources.com](mailto:kanderson@connellresources.com)



[www.connellresources.com](http://www.connellresources.com)

7785 Highland Meadows Parkway Ste 100

Fort Collins, CO 80528

Office: [970-223-3151](tel:970-223-3151)

Fax: [970-223-3191](tel:970-223-3191)

Cell: [970-214-1601](tel:970-214-1601)

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### 2 attachments



**DRMS Inspection Corrective Action Grading and Backfill 5-15-2017.pdf**  
878K



**DRMS Inspection Corrective Action GW Monitor 5-15-2017.pdf**  
4788K

**Ebert - DNR, Jared** <jared.ebert@state.co.us>  
To: Kevin Anderson <kanderson@connellresources.com>

Mon, Jun 19, 2017 at 7:25 AM

Thank you Mr. Anderson, I will review these documents and will follow up with you. Once the office receives the hard copy of the TR, I will begin the process it.

Thank you,

Jared

[Quoted text hidden]

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Jared Ebert

Environmental Protection Specialist III



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

P [303.866.3567](tel:303.866.3567) ext. 8120 | F [303.832.8106](tel:303.832.8106) |

1313 Sherman St., Room 215, Denver, CO 80203

[jared.ebert@state.co.us](mailto:jared.ebert@state.co.us) | [mining.state.co.us](http://mining.state.co.us)



# COLORADO

Division of Reclamation,  
Mining and Safety


Department of Natural Resources

## MINERALS PROGRAM INSPECTION REPORT

PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

<b>MINE NAME:</b> Timnath Connell Pit	<b>MINE/PROSPECTING ID#:</b> M-1999-050	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Larimer
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Jared L. Ebert	<b>INSP. DATE:</b> May 15, 2017	<b>INSP. TIME:</b> 12:35
<b>OPERATOR:</b> Connell Resources, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Kevin Anderson, Connell Resources, Inc.	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$510,198.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> May 18, 2017

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

### INSPECTION TOPIC: Backfilling & Grading

**PROBLEM:** The Operator is backfilling the pit with structural fill generated outside of the approved permit area without first obtaining approval from the Division for this activity. This issue is cited as a problem at this time for failure to notify the Division of this activity and/or including this backfilling activity in the approved reclamation plan in accordance with Rule 3.1.5(9).

**CORRECTIVE ACTIONS:** The Operator shall submit a Technical Revision with the required \$216 fee, the revision shall include all of the information required by Rule 3.1.5(9).

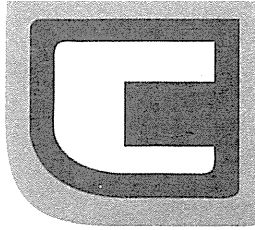
**CORRECTIVE ACTION DUE DATE:** 6/19/17

### INSPECTION TOPIC: Hydrologic Balance

**PROBLEM:** The Operator has not submitted the results of the groundwater monitoring that is required to be conducted at the site in accordance with the approved plan. To date the Division has only received the monitoring data from April 12, 1999 to February 26, 2004. The results of the groundwater monitoring was required to be submitted to the Division with the Operator's annual report. This issue is cited as a problem at this time for failure to comply with the conditions of a permit in accordance with C.R.S. 34-32.5-124.

**CORRECTIVE ACTIONS:** Please submit the results of the groundwater monitoring in accordance with the approved plan. These results shall include the data collected from February 26, 2004 to date.

**CORRECTIVE ACTION DUE DATE:** 6/19/17



June 8, 2017

Division of Reclamation, Mining and Safety  
1313 Sherman St. Room 215  
Denver, CO 80203

**RE: Timnath Connell Pit, Permit M-1999-050  
Request for Technical Revision – Backfilling and Grading Imported Fill  
Corrective Action Requirement for Inspection Dated May 15, 2017**

Mr. Jared Ebert,

Please find attached the following for the above referenced Permit:

- 1.) Request for Technical Revision Cover Sheet
- 2.) \$216.00 Check for Revision Fee
- 3.) Rule 3.1.5 (9) Narrative – As Follows
- 4.) Affidavit certifying that the material is clean and inert.

Connell Resources Inc. hereby submits a Technical Revision Request to notify DRMS of Backfilling and Grading - Imported Fill from offsite sources for the Timnath Connell Aggregate Pit. Permit M 1999-050. Please reference Inspection Report Dated May 15, 2017 for Corrective Action Requirements for – Backfilling and Grading.

The Timnath Connell Pit is located where the potential land use will more than likely change from the current agricultural land final use to commercial property. The owners of the property, CWH LLC, are also the principal owners of Connell Resources Inc. and have approved the backfilling activity.

The final land use has not been determined and includes long range planning items such as: potential zoning changes, potential annexation issues and relocation of the Box Elder irrigation channel. Meanwhile, there are areas of the pit that can be backfilled that do not change the nature of the original approved reclamation plan while the long range development plans are developed.

**Rule 3.1.5 (9) Requirements**

- a) a narrative that describes the approximate location of the proposed activity;

*The mined area on the East side of the pit is approximately 15' deep and is being backfilled in anticipation of changes in the end use to commercial property.*



# COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

## REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M- 1999-050 Site Name: Timnath Connell Pit  
County Larimer TR# \_\_\_\_\_ (DRMS Use only)  
Permittee: Connell Resources Inc.  
Operator (If Other than Permittee): NA  
Permittee Representative: Kevin Anderson

Please provide a brief description of the proposed revision: \_\_\_\_\_  
Notification of Backfill inert structural fill generated outside of the approved permit area.  
Rule 3.1.5 (9)

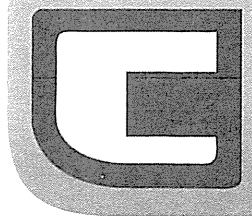
As defined by the Minerals Rules, a Technical Revision (TR) is: "a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan." The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

The request for a TR is not considered "filed for review" until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	<u>Required TR Fee</u>	<u>Submitted</u> (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	<input checked="" type="checkbox"/>
112 hard rock (not DMO)	\$175	<input type="checkbox"/>
110d, 112d(1, 2 or 3)	\$1006	<input type="checkbox"/>



- b) the approximate volume of inert material to be backfilled;

*The approximate volume of inert material will depend on the plans being developed. The total quantity of imported offsite material will be in the range of 200,000 CY*

- c) a signed affidavit certifying that the material is clean and inert;

*See Attached Affidavit*

- d) the approximate dates the proposed activity will commence and end, however such dates shall not be an enforceable condition;

- 1) *Approximately 41k CY were placed in the fall of 2016 prior to this TR Request. A portion of that material was from onsite materials.*
- 2) *The remainder of import required will depend on the construction market activity. It could take an additional 5 to 10 years to locate the anticipated quantity of imported materials.*

- e) an explanation of how the backfilled site will result in a post mining configuration that is compatible with the approved post mining land use;

*The current backfilling activity with respect to the approved post mining reclamation plan will produce a more shallow lake. When the final reclamation plan is determined it will be submitted as a Technical Revision.*

- f) a general engineering plan stating how the material will be placed and stabilized in a manner to avoid unacceptable settling and voids.

- 1) *Material is delivered to a stockpile area – it is inspected by the onsite foreman, the scale operator, the trucking supervisor and the pit supervisor for any garbage or contaminants. The majority of the imported material is from Connell Resources Inc. Jobsites.*
- 2) *When the stockpile is of sufficient quantity to provide a continuous backfill operation, it is hauled, placed and compacted with the following equipment.*  
*Excavator*  
*2-3 Heavy Haul Trucks*  
*Dozer*  
*815 Compactor*  
*Motorgrader*

*The material is placed in 6" to 10" lifts and compacted to 95% Proctor Density.*

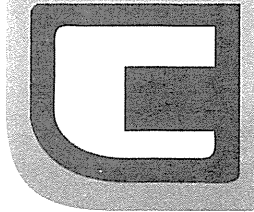
*Final Grading is completed for drainage.*

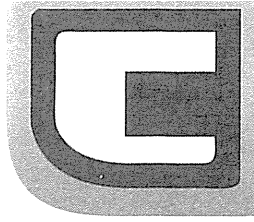
*The Owner and the Pit Manager are the Quality Assurance – The potential for future development necessitate stringent controls on how the fill is placed and compacted.*

Sincerely,



Kevin D. Anderson  
Aggregate and Asphalt Manager  
(970) 223-3151 Main Office  
(970) 530-4692 Direct Line  
(970) 214-1601 Cell Phone  
[kanderson@connellresources.com](mailto:kanderson@connellresources.com)





# Affidavit of Clean and Inert Import Backfill

I, Richard Connell, President of Connell Resources certify that all imported fill material into the Timnath Connell Pit M-1999-050 will be clean and inert including:

- a) All previously imported materials used for backfill including virgin and recycled aggregate products
- b) Virgin or recycled aggregate products reprocessed in the pit area
- c) All future fill material used for backfill

This affidavit is based on the following Mineral Rules and Regulations of the Colorado Mined Land Reclamation Act for the Extraction of Construction Materials.

Rule 3.1.5 (9) Requirements

9) An Operator may backfill structural fill material generated within the MLRB permitted area into an excavated pit within the permit area as provided for in the MLRB Permit. If an Operator intends to backfill inert structural fill generated outside of the approved permit are it is the Operator's responsibility to provide the Office notice of any proposed backfill activity not identified in the approved Reclamation Plan.

- c) a signed affidavit certifying that the material is clean and inert;

Richard Connell, President Connell Resources Inc.

6-12-17

Date

Notarized Affidavit of Signature

STATE OF COLORADO  
COUNTY OF LARIMER

The foregoing instrument was acknowledged before me 12<sup>th</sup> June, 2017 by Richard Connell, President of Connell Resources Inc.

  
NOTARY PUBLIC

My Commission Expires: 8-31-2020

MARGIE L. LEWIS  
 NOTARY PUBLIC  
 STATE OF COLORADO  
 NOTARY ID 20004025741  
 MY COMMISSION EXPIRES AUG 31, 2020



412947

## Invoice

Invoice No.	Date	Description	Gross Amount	Retainage	Discount	Payment Amount
Stmt052217	05/22/17	Permit #M-1999-050	216.00			216.00

Check #: 412947 06/09/17 29850 DIVISION OF RECLAM

216.00

.00

.00

\$216.00

**CONNELL RESOURCES, INC.**

TCMS-100CA NATIONAL DOCUMENT SOLUTIONS 800-325-3120 T277075 PRINTED IN U.S.A.

THE KEY TO DOCUMENT SECURITY • HEAT ACTIVATED THUMB PRINT • ADDITIONAL SECURITY FEATURES INCLUDED • SEE BACK FOR DETAILS

**CONNELL RESOURCES, INC.**

7785 HIGHLAND MEADOWS PKWY  
SUITE 100  
FORT COLLINS, CO 80528-8988  
PHONE 970-223-3151

**Bank of Colorado**  
Fort Collins, Colorado  
bankofcolorado.com  
TELEBANK 1.800.295.6879

82-244/1070

412947

DATE NUMBER

06/09/17 412947

AMOUNT

\*\*\*\*\*\$216.00\*\*


PAY \*\*\*\*\* Two Hundred Sixteen Dollars &amp; no/100 \*\*\*\*\*

TO THE  
ORDER  
OF

DIVISION OF RECLAMATION,  
MINING AND SAFETY  
1313 SHERMAN STREET - ROOM 215  
DENVER, CO 80203

VOID AFTER 90 DAYS

AN EQUAL OPPORTUNITY EMPLOYER

  
AUTHORIZED SIGNATURE

⑈412947⑈ ⑆107002448⑆7201051193⑈


**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

**MINERALS PROGRAM INSPECTION REPORT****PHONE: (303) 866-3567**

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<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Jared L. Ebert	<b>INSP. DATE:</b> May 15, 2017	<b>INSP. TIME:</b> 12:35
<b>OPERATOR:</b> Connell Resources, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Kevin Anderson, Connell Resources, Inc.	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$510,198.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> May 18, 2017

**The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.**

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**CORRECTIVE ACTIONS:** The Operator shall submit a Technical Revision with the required \$216 fee, the revision shall include all of the information required by Rule 3.1.5(9).

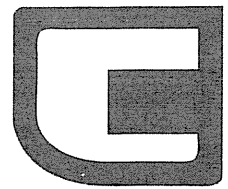
**CORRECTIVE ACTION DUE DATE:** 6/19/17

**INSPECTION TOPIC:** Hydrologic Balance

**PROBLEM:** The Operator has not submitted the results of the groundwater monitoring that is required to be conducted at the site in accordance with the approved plan. To date the Division has only received the monitoring data from April 12, 1999 to February 26, 2004. The results of the groundwater monitoring was required to be submitted to the Division with the Operator's annual report. This issue is cited as a problem at this time for failure to comply with the conditions of a permit in accordance with C.R.S. 34-32.5-124.

**CORRECTIVE ACTIONS:** Please submit the results of the groundwater monitoring in accordance with the approved plan. These results shall include the data collected from February 26, 2004 to date.

**CORRECTIVE ACTION DUE DATE:** 6/19/17



June 15, 2017

**Division of Reclamation, Mining and Safety  
1313 Sherman St. Room 215  
Denver, CO 80203**

**RE: Timnath Connell Pit, Permit M-1999-050  
Hydrologic Balance – Groundwater monitoring  
Corrective Action Requirement for Inspection Dated May 15, 2017**

Mr. Jared Ebert,

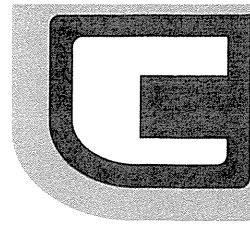
Reference is made to the Minerals Program Inspection Report Dated May 15, 2017 – Hydrologic Balance – Groundwater Monitoring.

Groundwater Monitoring was required by a Technical Revision to satisfy a neighboring property to the south in 1999. The property owner operated what is known as Swift Ponds.

Connell Resources Inc. hereby submits the groundwater monitoring data that has been performed from 1999 to 2006. (See Attached)

Additional facts are as follows:

- For reasons we cannot confirm, the groundwater monitoring has not occurred since 2006.
- The most obvious reason appears to be the administrative manager for the pit left the company around that time and the requirement to monitor the groundwater was not continued. Also, the water levels of the ponds themselves had stabilized and the pond levels were the measure of success and the groundwater monitoring was deemed not to be an issue.
- The property was acquired by Colorado Youth Outdoors around the same time frame in 2006. According to Colorado Youth Outdoors the water levels have not been a concern since they have owned the property. (For confirmation call Bob Hewson Executive Director or Rob Anderson Facility Caretaker 970 663-0800)
- Connell Resources Inc. provides it's over allocated water supply to the Swift Ponds/Colorado Youth Outdoors site through a culvert from the Connell Resources Inc. recharge ponds.
- Once the recharge ponds were fully functional the water levels at the Swift Pond site stabilized and have never been in question since that time.

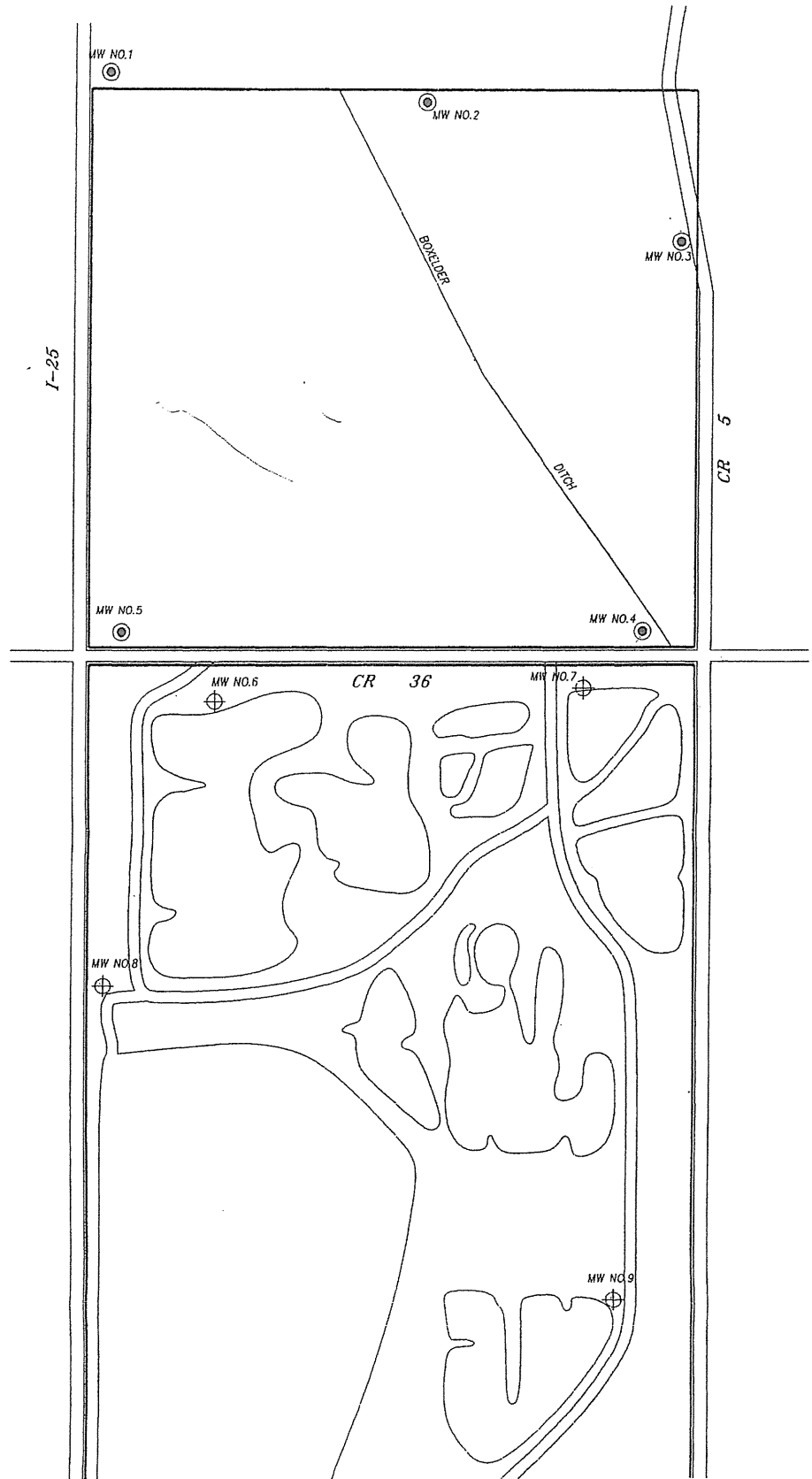


- Our current groundwater monitoring indicates there has been no substantial change since the 2006 levels.
- The hydrologic balance at issue is the level of the Ponds on the Swift Pond property and the groundwater monitoring is a secondary measure.
- The status of the Piezometers have changed over the years for various reasons.
  - Well #1- CRI property -appears to have been hit by the farmer adjacent to the property or a piece of equipment cleaning the irrigation ditch. Nonfunctional.
  - Well # 2 – CRI property -fully functional
  - Well #3 – CRI property -missing – probably removed for a major sewer line in 2008. Nonfunctional.
  - Well #4 – CRI property- fully functional
  - Well #5 – CRI property -fully functional
  - Well #6 – CYO property -fully functional
  - Well #7 – CYO property -not found – probably damaged by Colorado Youth Outdoors during mowing or maintenance
  - Well #8 – CYO property -fully functional
  - Well #9 – CYO property - fully functional

Our proposed corrective action is that Connell Resources Inc. will restart monitoring and continue to monitor the groundwater on a monthly basis from the remaining piezometers #2, #3, #4, #5, #7, #8 and #9 and provide the data as required with the annual report. The data shows the groundwater levels were consistent over time and were stable once the recharge ponds were functional. The true determination of hydrologic balance is the pond levels rather than the groundwater levels.

Sincerely,

Kevin D. Anderson  
Aggregate and Asphalt Manager  
(970) 223-3151 Main Office  
(970) 530-4692 Direct Line  
(970) 214-1601 Cell Phone  
[kanderson@connellresources.com](mailto:kanderson@connellresources.com)



LEGEND	
⊙	APPROXIMATE LOCATION OF MONITORING WELL NO.1-5 DRILLED 4-7,8-99.
⊕	APPROXIMATE LOCATION OF MONITORING WELL NO.6-9 DRILLED ON 10-4-99

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.



FIGURE 1: SITE PLAN  
CONNELL TIMNATH PIT/SWIFT PONDS  
I-25 & CR'S 36 & 5  
FORT COLLINS, COLORADO

Project Mgr:	DAR	Project No.	20985110
Designed By:	DAR	Scale:	1" = 600'
Checked By:	DAR	Date:	11/26/99
Approved By:	DAR	Drawn By:	MLM
File Name:	110SITE		Figure No. 1

**Terracon**  
301 N. HOWES STREET  
FORT COLLINS, COLORADO 80521

# Groundwater Elevation Monitoring

## Monitoring Wells on Timnath Connell Site and Swift Property

Permit # M-1999-050

Monitoring Piezometer not installed - Mistaken Reading - or Damaged Piezometer

Surface Elevation		4832.8		4832.8		4828.3		4825.6		4825.9		4827.1		4825.6		4824.87		4820.27	
Monitor	Date	Well #1		Well #2		Well #3		Well #4		Well #5		Well #6		Well #7		Well #8		Well #9	
Data		Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation
Terracon	4/12/1999	3.50	4829.30	6.50	4826.30	6.00	4822.30	6.50	4819.10	2.50	4823.40	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	5/20/1999	1.80	4831.00	3.70	4829.10	2.90	4825.40	3.30	4822.30	3.00	4822.90	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	5/27/1999	2.10	4830.70	3.80	4829.00	2.70	4825.60	3.50	4822.10	3.20	4822.70	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	6/7/1999	2.50	4830.30	4.30	4828.50	3.30	4825.00	3.90	4821.70	3.30	4822.60	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	6/14/1999	2.80	4830.00	4.50	4828.30	3.70	4824.60	4.10	4821.50	3.40	4822.50	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	6/24/1999	2.70	4830.10	4.50	4828.30	1.10	4827.20	4.30	4821.30	3.50	4822.40	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	7/1/1999	2.30	4830.50		4832.80	1.30	4827.00	2.70	4822.90	3.50	4822.40	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	7/9/1999	2.60	4830.20	3.20	4829.60	0.80	4827.50	1.50	4824.10	3.50	4822.40	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	7/27/1999	2.60	4830.20		4832.80	3.20	4825.10	0.80	4824.80	2.90	4823.00	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	8/9/1999	2.90	4829.90	3.70	4829.10	4.20	4824.10	1.80	4823.80	0.00	4825.90	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	8/30/1999	2.90	4829.90	4.20	4828.60	4.30	4824.00	2.30	4823.30	3.20	4822.70	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	9/14/1999	3.70	4829.10	4.10	4828.70	3.80	4824.50	3.80	4821.80	3.20	4822.70	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	9/30/1999	3.50	4829.30	4.70	4828.10	4.50	4823.80	3.90	4821.70	3.20	4822.70	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	10/4/1999		4832.80		4832.80		4828.30	0.00	4825.60	3.70	4822.20	4827.10	4827.10	4825.60	4825.60	4824.87	4824.87	4820.27	4820.27
Terracon	10/12/1999	3.60	4829.20	5.20	4827.60	5.10	4823.20	0.00	4825.60	0.00	4825.90	9.00	4818.10	4.50	4821.10	4.50	4820.37	8.50	4811.77
Terracon	10/25/1999	3.60	4829.20	5.30	4827.50	5.10	4823.20	4.60	4821.00	3.60	4822.30	5.00	4822.10	4.30	4821.30	2.30	4822.57	4.90	4815.37
Terracon	11/17/1999	3.40	4829.40	5.70	4827.10	5.30	4823.00	4.70	4820.90	3.60	4822.30	5.30	4821.80	4.20	4821.40	2.60	4822.27	5.20	4815.07
Terracon	11/29/1999	3.40	4829.40	5.60	4827.20	5.40	4822.90	5.10	4820.50	3.80	4822.10	5.50	4821.80	4.80	4820.80	3.00	4821.87	5.50	4814.77
Terracon	12/14/1999	3.50	4829.30	5.50	4827.30	5.30	4823.00	5.20	4820.40	3.70	4822.20	5.50	4821.60	4.80	4820.80	2.80	4822.07	5.50	4814.77
Terracon	1/4/2000	3.30	4829.50	5.10	4827.70		4828.30	4.80	4820.80	3.50	4822.40	5.40	4821.70	4.60	4821.00	2.50	4822.37	5.40	4814.87
Terracon	1/25/2000	2.60	4830.20	5.50	4827.30		4828.30	5.20	4820.40	3.30	4822.60	4.80	4822.30	4.60	4821.00	2.80	4822.07	4.30	4815.97
Terracon	2/16/2000	3.00	4829.80	4.80	4828.00	5.50	4822.80	5.20	4820.40	2.30	4823.60	0.00	4827.10	0.00	4825.60	0.00	4824.87	0.00	4820.27
Terracon	2/29/2000	2.80	4830.00	5.40	4827.40	5.50	4822.80	5.20	4820.40	2.30	4823.60	4.80	4822.30	5.00	4820.60	2.80	4822.07	4.80	4815.47
Terracon	3/14/2000	3.10	4829.70	5.30	4827.50	5.70	4822.60	5.00	4820.60	1.70	4824.20	4.50	4822.60	4.60	4821.00	2.50	4822.37	5.30	4814.97
Terracon	3/27/2000	3.30	4829.50	5.70	4827.10	5.80	4822.50	5.30	4820.30	2.00	4823.90	4.70	4822.40	4.80	4820.80	2.80	4822.07	5.50	4814.77
Terracon	4/11/2000	3.30	4829.50	5.80	4827.00	5.90	4822.40	5.50	4820.10	2.00	4823.90	4.70	4822.40	5.30	4820.30	2.80	4822.07	4.70	4815.57
Terracon	4/26/2000	3.50	4829.30	5.20	4827.60	5.80	4822.50	5.00	4820.60	2.20	4823.70	4.60	4822.50	5.00	4820.60	3.00	4821.87	5.70	4814.57
Terracon	5/9/2000	3.10	4829.70	4.80	4828.00	4.10	4824.20	1.50	4824.10	2.80	4823.10	4.90	4822.20	5.10	4820.50	2.80	4822.07	4.80	4815.47
Terracon	5/24/2000	5.00	4827.80	4.50	4828.30	8.50	4819.80	6.50	4819.10	0.00	4825.90	1.50	4825.60	3.30	4822.30	3.00	4821.87	4.30	4815.97
Terracon	6/7/2000		4832.80	8.50	4824.30	2.30	4826.00	4.50	4821.10	4.00	4821.90	8.00	4819.10	6.50	4819.10	8.00	4816.87	0.50	4819.77
Terracon	6/12/2000	3.70	4829.10	4.90	4827.90	4.60	4823.70	2.00	4823.60	7.20	4818.70	8.20	4818.90	2.80	4822.80	3.20	4821.67	4.00	4816.27
Terracon	6/30/2000	3.00	4829.80	4.00	4828.80	3.90	4824.40	2.00	4823.60	0.00	4825.90	8.70	4818.40	3.20	4822.40	3.10	4821.77	4.50	4815.77
Terracon	8/2/2000	2.60	4830.20	2.80	4830.00	3.90	4824.40	2.10	4823.50	7.40	4818.50	6.30	4820.80	2.40	4823.20	2.60	4822.27	3.50	4816.77
Terracon	8/15/2000	2.10	4830.70		4832.80	3.50	4824.80	1.90	4823.70	7.30	4818.60	7.40	4819.70	2.50	4823.10	2.70	4822.17	3.40	4816.87
Terracon	9/1/2000	3.50	4829.30		4832.80	4.20	4824.10	2.50	4823.10	7.60	4818.30	8.00	4819.10	3.00	4822.60	2.80	4822.07	4.50	4815.77
Terracon	9/20/2000	4.10	4828.70		4832.80	5.40	4822.90	2.30	4823.30	7.60	4818.30	9.20	4817.90	3.50	4822.10	3.20	4821.67	5.00	4815.27
Terracon	10/15/2000	3.70	4829.10	0.00	4832.80	6.40	4821.90	3.70	4821.90	7.80	4818.10	9.30	4817.80	3.90	4821.70	2.70	4822.17	5.40	4814.87
Terracon	10/30/2000		4832.80	6.50	4826.30	6.80	4821.50	4.50	4821.10	8.00	4817.90	6.00	4821.10	4.80	4820.80	0.00	4824.87	5.50	4814.77
Terracon	11/28/2000		4832.80	6.50	4826.30	6.60	4821.70	5.30	4820.30	7.80	4818.10	9.60	4817.50	5.20	4820.40	3.40	4821.47	5.70	4814.57
Terracon	1/12/2001		4832.80	6.60	4826.20	6.40	4821.90	5.20	4820.40	7.50	4818.40	9.80	4817.30	5.20	4820.40	0.00	4824.87	5.40	4814.87

Terracon	1/25/2001	4832.80	6.80	4826.00	6.40	4821.90	5.40	4820.20	7.40	4818.50	10.00	4817.10	5.50	4820.10	4.10	4820.77	5.60	4814.67		
Terracon	2/19/2001	4832.80	7.40	4825.40	7.40	4820.90	6.00	4819.60	0.00	4825.90	10.70	4816.40	6.20	4819.40	0.00	4824.87	5.90	4814.37		
Terracon	3/9/2001	4832.80	6.40	4826.40	6.40	4821.90	5.60	4820.00	0.00	4825.90	9.80	4817.30	5.40	4820.20	4.10	4820.77	5.30	4814.97		
Terracon	3/28/2001	4832.80	7.20	4825.60	6.90	4821.40	6.10	4819.50	7.00	4818.90	10.10	4817.00	5.80	4819.80	0.00	4824.87	5.50	4814.77		
Terracon	4/24/2001	4832.80		4832.80		4828.30	5.90	4819.70	0.00	4825.90	9.10	4818.00	6.00	4819.60	4.00	4820.87	0.00	4820.27		
Terracon	5/16/2001	4832.80	5.70	4827.10	6.30	4822.00	5.60	4820.00	6.10	4819.80	8.80	4818.30	5.70	4819.90	3.30	4821.57	4.50	4815.77		
Terracon	5/29/2001	4832.80	5.20	4827.60	4.60	4823.70	4.40	4821.20	6.70	4819.20	6.10	4821.00	5.70	4819.90	3.50	4821.37	4.50	4815.77		
Terracon	6/15/2001	4832.80	5.30	4827.50	3.70	4824.60	5.30	4820.30	6.70	4819.20	8.40	4818.70	5.60	4820.00	3.60	4821.27	4.50	4815.77		
Terracon	6/29/2001	4832.80	5.30	4827.50	3.70	4824.60	5.30	4820.30	6.70	4819.20	8.40	4818.70	5.60	4820.00	3.60	4821.27	4.50	4815.77		
Terracon	7/23/2001	4832.80	0.00	4832.80	4.00	4824.30	4.10	4821.50	6.60	4819.30	8.90	4818.20	4.60	4821.00	2.80	4822.07	3.60	4816.67		
Terracon	8/23/2001	4832.80	0.00	4832.80	2.00	4826.30	4.70	4820.90	7.30	4818.60	9.30	4817.80	5.30	4820.30	3.20	4821.67	4.60	4815.67		
Terracon	10/31/2002	5.70	4827.10	7.00	4825.80	6.30	4822.00	5.30	4820.30	2.20	4823.70	4.00	4823.10	3.60	4822.00	2.80	4822.07	5.30	4814.97	
Terracon	11/29/2002	6.10	4826.70	7.50	4825.30	6.50	4821.80	6.30	4819.30	2.10	4823.80	4.00	4823.10	3.70	4821.90	3.20	4821.67	5.40	4814.87	
Terracon	12/23/2002	6.40	4826.40	7.90	4824.90	6.80	4821.50	6.60	4819.00	2.30	4823.60	4.20	4822.90	3.90	4821.70	3.30	4821.57	5.50	4814.77	
Terracon	1/27/2003	8.50	4824.30	8.60	4824.20	6.90	4821.40	6.80	4818.80	2.40	4823.50	4.20	4822.90	3.90	4821.70	3.50	4821.37	5.40	4814.87	
Terracon	2/25/2003	6.60	4826.20	8.10	4824.70	6.90	4821.40	7.00	4818.60	2.90	4823.00	4.40	4822.70	4.20	4821.40	3.70	4821.17	5.40	4814.87	
Terracon	4/17/2003	8.20	4824.60	6.60	4826.20	6.50	4821.80	6.90	4818.70	2.50	4823.40	4.20	4822.90	4.00	4821.60	3.40	4821.47	4.60	4815.67	
Terracon	5/20/2003	7.70	4825.10	5.60	4827.20	4.40	4823.90	5.90	4819.70	2.10	4823.80	3.90	4823.20	3.90	4821.70	3.20	4821.67	3.80	4816.47	
Terracon	6/16/2003	7.90	4824.90	6.20	4826.60	5.40	4822.90	7.00	4818.60	2.00	4823.90	3.80	4823.30	4.20	4821.40	3.00	4821.87	4.00	4816.27	
Terracon	7/9/2003	7.80	4825.00	4.90	4827.90	2.50	4825.80	6.10	4819.50	1.80	4824.10	3.70	4823.40	4.30	4821.30	2.90	4821.97	3.40	4816.87	
Terracon	8/25/2003	7.90	4824.90	5.80	4827.00	5.40	4822.90	4.70	4820.90	2.30	4823.60	4.40	4822.70	4.20	4821.40	2.50	4822.37	4.30	4815.97	
Terracon	9/23/2003	7.60	4825.20	6.10	4826.70	6.00	4822.30	7.00	4818.60	1.60	4824.30	3.60	4823.50	4.20	4821.40	2.80	4822.07	4.50	4815.77	
Terracon	10/22/2003	7.90	4824.90	6.70	4826.10	6.30	4822.00	5.90	4819.70	1.80	4824.10	3.90	4823.20	4.10	4821.50	2.80	4822.07	4.40	4815.87	
Terracon	12/2/2003	7.90	4824.90	7.00	4825.80	6.40	4821.90	7.40	4818.20	2.20	4823.70	4.20	4822.90	4.30	4821.30	2.90	4821.97	5.10	4815.17	
Terracon	2/26/2004	8.00	4824.80	7.70	4825.10	6.80	4821.50	8.00	4817.60	2.40	4823.50	4.30	4822.80	4.90	4820.70	3.00	4821.87	5.00	4815.27	
Terracon	3/25/2004	8.00	4824.80	7.50	4825.30	6.70	4821.60	8.00	4817.60	2.70	4823.20	4.60	4822.50	5.00	4820.60	3.70	4821.17	5.10	4815.17	
Terracon	4/23/2004	7.90	4824.90	7.10	4825.70	3.60	4824.70	8.00	4817.60	3.00	4822.90	4.80	4822.30	5.00	4820.60	3.40	4821.47	4.80	4815.47	
Terracon	6/11/2004	7.40	4825.40	4.70	4828.10	3.80	4824.50	6.50	4819.10	1.50	4824.40	3.30	4823.80	4.10	4821.50	3.40	4821.47	4.90	4815.37	
Terracon	7/7/2004	7.30	4825.50	4.60	4828.20		4828.30	6.20	4819.40	1.30	4824.60	3.70	4823.40	4.40	4821.20	3.30	4821.57	4.70	4815.57	
Terracon	8/23/2004	7.20	4825.60	4.60	4828.20		4828.30	5.20	4820.40	1.90	4824.00	3.90	4823.20	3.60	4822.00	3.10	4821.77	4.50	4815.77	
Terracon	11/9/2004	7.90	4824.90	6.90	4825.90		4828.30	7.20	4818.40	2.10	4823.80	3.90	4823.20	4.50	4821.10	3.00	4821.87	4.80	4815.47	
Terracon	1/25/2005	8.00	4824.80	8.20	4824.60		4828.30	7.90	4817.70	2.00	4823.90	4.20	4822.90	4.80	4820.80	3.50	4821.37	5.40	4814.87	
Terracon	4/12/2005	7.50	4825.30	8.30	4824.50		4828.30	7.30	4818.30	2.40	4823.50	4.50	4822.60	4.40	4821.20	3.90	4820.97	5.40	4814.87	
Terracon	5/5/2005	7.00	4825.80	7.40	4825.40		4828.30	6.30	4819.30	1.10	4824.80	3.90	4823.20	4.40	4821.20	3.60	4821.27	5.00	4815.27	
Terracon	5/19/2005	6.50	4826.30	6.90	4825.90		4828.30	6.70	4818.90	1.20	4824.70	3.60	4823.50	4.10	4821.50	3.70	4821.17	4.50	4815.77	
Terracon	6/16/2005	5.80	4827.00	5.50	4827.30		4828.30	5.80	4819.80	0.80	4825.10	3.50	4823.60	3.80	4821.80	3.30	4821.57	3.90	4816.37	
Terracon	7/20/2005	6.10	4826.70	4.20	4828.60		4828.30	5.00	4820.60	1.10	4824.80	3.20	4823.90	4.40	4821.20	3.10	4821.77	3.50	4816.77	
Terracon	8/5/2005	6.10	4826.70	1.40	4831.40		4828.30	5.30	4820.30	1.30	4824.60	3.40	4823.70	4.40	4821.20	2.90	4821.97	4.30	4815.97	
Terracon	10/5/2005	6.00	4826.80	6.80	4826.00		4828.30	6.60	4819.00	1.70	4824.20	3.80	4823.30	4.50	4821.10	2.80	4822.07	4.60	4815.67	
Terracon	11/30/2005	6.00	4826.80	7.20	4825.60	5.30	4823.00	7.30	4818.30	2.00	4823.90	3.90	4823.20	4.90	4820.70	2.80	4822.07	5.00	4815.27	
Terracon	3/6/2006	6.00	4826.80	7.90	4824.90	4.90	4823.40	7.80	4817.80	1.70	4824.20	3.50	4823.60	4.50	4821.10	3.20	4821.67	4.20	4816.07	
Terracon	11/6/2006	6.00	4826.80	6.70	4826.10	4.20	4824.10	8.00	4817.60	1.30	4824.60	4.00	4823.10	5.00	4820.60	3.00	4821.87	5.00	4815.27	
Connell	6/13/2017	8.50	4832.80		4824.30		4828.30	7.16	4818.44	2.50	4823.40	6.50	4820.60		4825.60	4.25	4820.62	5.50	4814.77	
Connell			4832.80		4832.80		4828.30		4825.60		4825.90	4827.10		4825.60		4824.87		4820.27		
Connell			4832.80		4832.80		4828.30		4825.60		4825.90	4827.10		4825.60		4824.87		4820.27		
Connell			4832.80		4832.80		4828.30		4825.60		4825.90	4827.10		4825.60		4824.87		4820.27		
Connell			4832.80		4832.80		4828.30		4825.60		4825.90	4827.10		4825.60		4824.87		4820.27		

## FAX COVER SHEET



Consultants for Land, Minerals and Water  
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Number of pages to follow:

5

Attention:

Will Welch

Organization:

Connell Resources

Phone:

FAX: 970-223-3191

Date:

7/2/01

File No:

98-237

Project Name:

Connell - Timnath Pk  
Groundwater monitoring

Regarding:

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Comments:

Call me with any questions Will!

Dave

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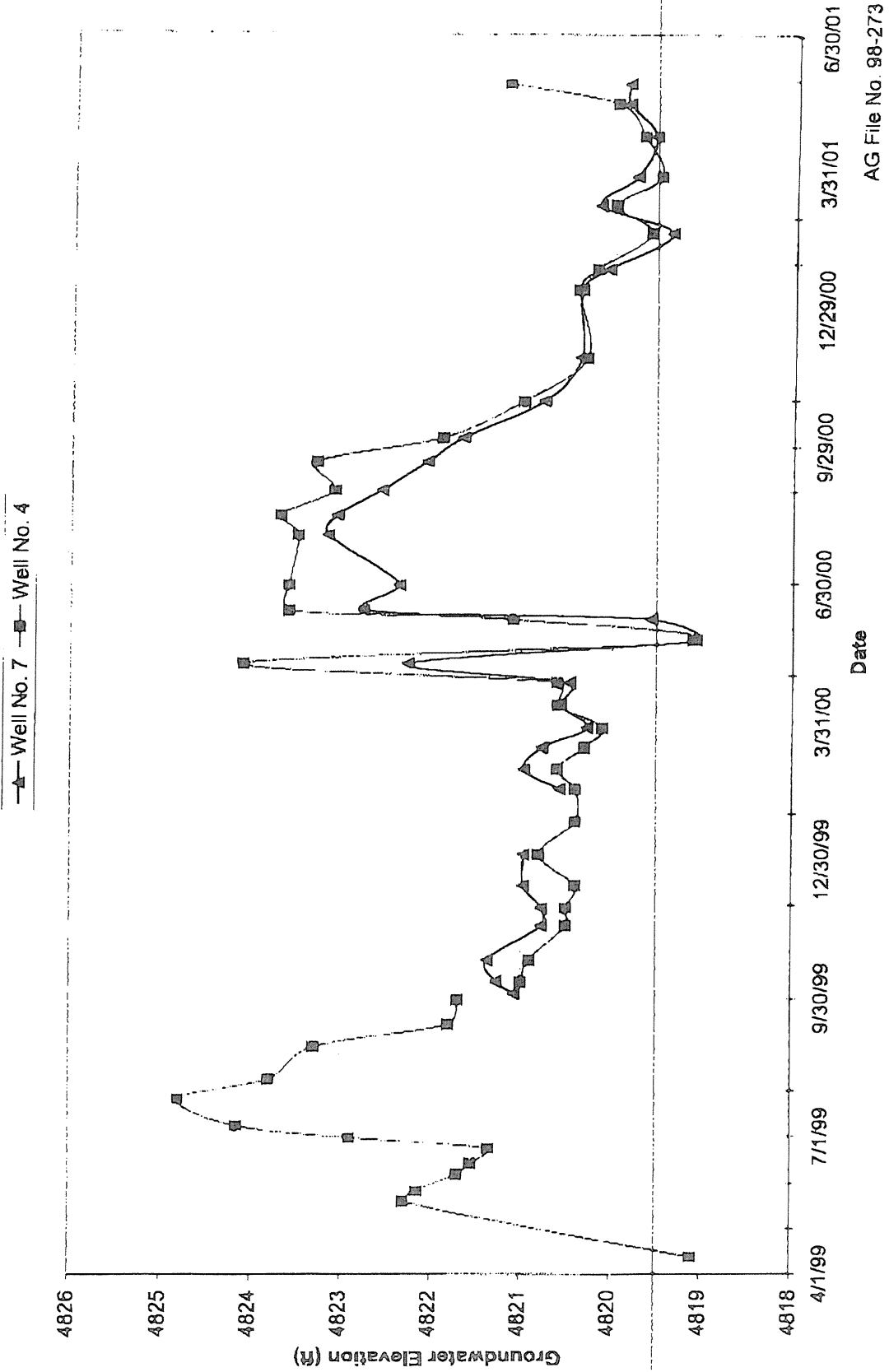
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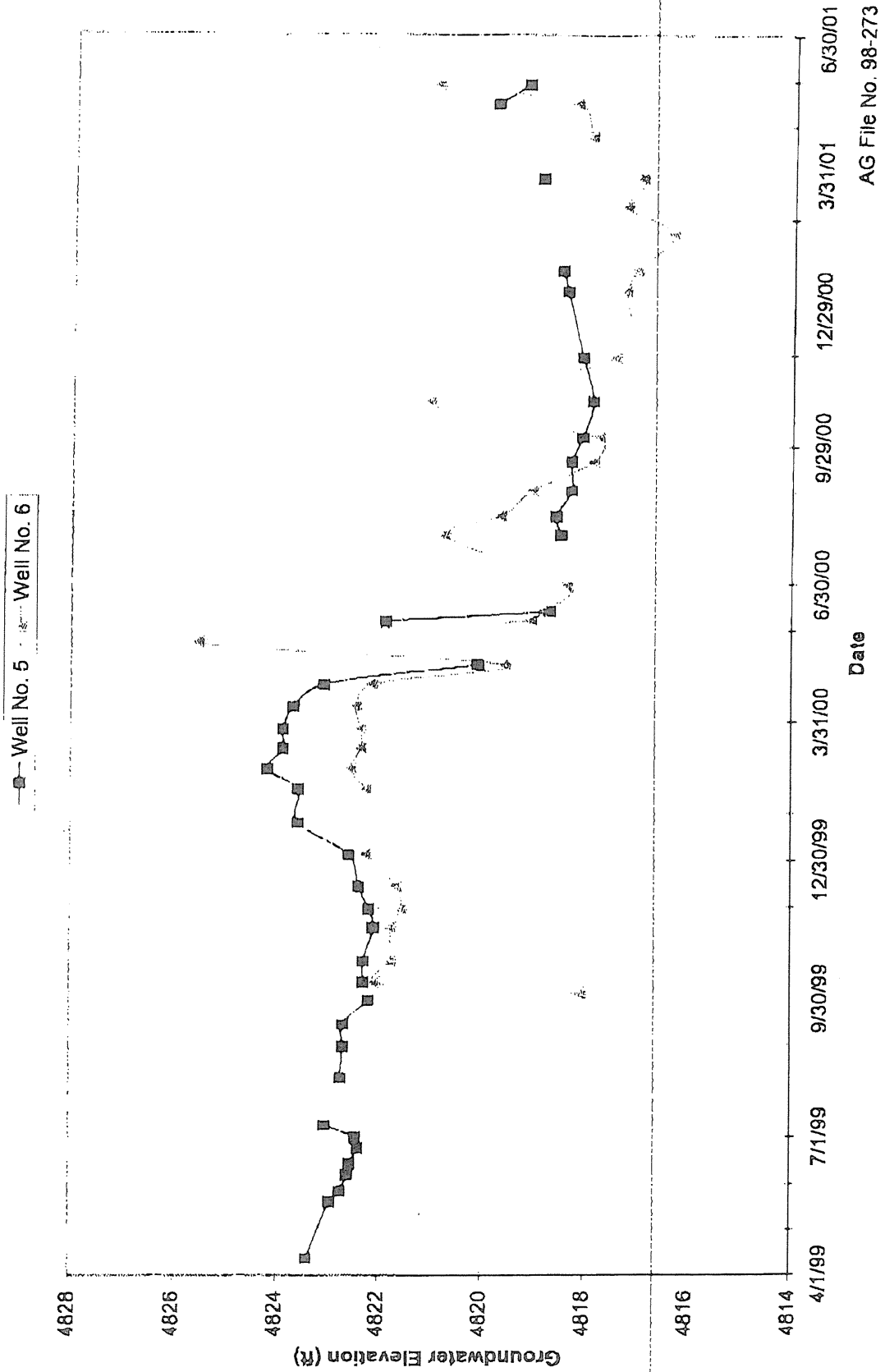
**Groundwater Elevation Monitoring  
Monitoring Wells on Timnath-Connell Site and Swift Property**

Surface Elevation	4832.8		4832.8		4828.3		4825.6		4825.9		4827.1		4825.6		4824.87		4820.27	
Monitoring Date	Well 1		Well 2		Well 3		Well 4		Well 5		Well 6		Well 7		Well 8		Well 9	
	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
4/12/99	3.5	4829.30	6.5	4826.30	6.0	4822.30	6.5	4819.10	2.5	4823.40	9.0	4818.07	4.5	4821.07	4.5	4820.37	8.5	4811.77
5/20/99	1.8	4831.05	3.7	4829.10	2.9	4825.40	3.3	4822.30	3.0	4822.95	5.0	4822.07	4.3	4821.27	2.3	4822.57	4.9	4815.37
5/27/99	2.1	4830.75	3.8	4829.00	2.7	4825.60	3.5	4822.15	3.2	4822.75	5.3	4821.77	4.2	4821.37	2.6	4822.27	5.2	4815.07
6/7/99	2.5	4830.30	4.3	4828.50	3.3	4825.00	3.9	4821.70	3.3	4822.60	5.3	4821.77	4.8	4820.77	3.0	4821.87	5.5	4814.77
6/14/99	2.8	4830.05	4.6	4828.25	3.7	4824.60	4.1	4821.55	3.4	4822.55	5.5	4821.57	4.8	4820.77	2.6	4822.07	5.6	4814.67
6/24/99	2.7	4830.10	4.5	4828.30	1.1	4827.25	4.3	4821.35	3.5	4822.40	5.4	4821.67	4.6	4820.97	2.5	4822.37	5.4	4814.87
7/1/99	2.3	4830.50			1.3	4827.05	2.7	4822.90	3.5	4822.45	4.8	4822.27	4.6	4820.97	2.2	4822.07	4.3	4815.97
7/9/99	2.6	4830.20	3.2	4829.65	0.8	4827.55	1.5	4824.15	2.9	4823.05								
7/27/99	2.6	4830.20			3.2	4825.15	0.8	4824.80										
8/9/99	2.9	4829.90	3.7	4829.10	4.2	4824.10	1.8	4823.80	3.2	4822.75								
8/30/99	2.9	4829.90	4.2	4828.60	4.3	4824.00	2.3	4823.30	3.2	4822.70								
9/14/99	3.7	4829.10	4.1	4828.70	3.8	4824.50	3.8	4821.80	3.2	4822.70								
9/30/99	3.5	4829.30	4.7	4828.10	4.6	4823.70	3.9	4821.70	3.7	4822.20								
10/4/99																		
10/12/99	3.6	4829.20	5.2	4827.60	5.1	4823.20	4.6	4821.00	3.6	4822.30	9.0	4818.07	4.5	4821.07	4.5	4820.37	8.5	4811.77
10/26/99	3.6	4829.20	5.3	4827.50	5.1	4823.20	4.7	4820.90	3.6	4822.30	5.0	4822.07	4.3	4821.27	2.3	4822.57	4.9	4815.37
11/17/99	3.4	4829.40	5.7	4827.10	5.3	4823.00	5.1	4820.50	3.8	4822.10	5.3	4821.77	4.2	4821.37	2.6	4822.27	5.2	4815.07
11/29/99	3.4	4829.40	5.6	4827.20	5.4	4822.90	5.1	4820.50	3.7	4822.20	5.5	4821.57	4.8	4820.77	3.0	4821.87	5.5	4814.77
12/14/99	3.5	4829.30	5.5	4827.30	5.3	4823.00	5.2	4820.40	3.5	4822.40	5.4	4821.67	4.8	4820.97	2.6	4822.07	5.6	4814.67
1/4/00	3.3	4829.50	5.1	4827.70			4.8	4820.80	3.3	4822.60	4.8	4822.27	4.6	4820.97	2.5	4822.37	5.4	4814.87
1/25/00	2.6	4830.20	5.5	4827.30	5.5	4822.80	5.2	4820.40	2.3	4823.80								
2/16/00	3.0	4829.80	4.8	4828.00	5.5	4822.60	5.0	4820.40	2.3	4823.50	4.8	4822.27	5.0	4820.57	2.2	4822.07	4.8	4815.47
2/29/00	2.8	4830.00	5.4	4827.40	5.7	4822.60	5.0	4820.60	1.7	4824.20	4.5	4822.57	4.6	4820.97	2.5	4822.37	5.3	4814.97
3/14/00	3.1	4829.70	5.3	4827.50	5.8	4822.50	5.3	4820.30	2.0	4823.90	4.7	4822.37	4.8	4820.77	2.8	4822.07	5.5	4814.77
3/27/00	3.3	4829.50	5.7	4827.10	5.8	4822.50	5.5	4820.10	2.0	4823.90	4.7	4822.37	5.3	4820.27	2.8	4822.07	4.7	4815.57
4/1/00	3.3	4829.50	5.8	4827.00	5.9	4822.40	5.0	4820.60	2.2	4823.70	4.6	4822.47	5.0	4820.57	3.0	4821.87	5.7	4814.57
4/26/00	3.5	4829.30	5.2	4827.60	5.8	4822.50	5.0	4820.60	2.8	4823.10	4.9	4822.47	5.1	4820.47	2.8	4822.07	4.8	4815.47
5/9/00	3.1	4828.70	4.8	4828.00	4.1	4824.20	1.5	4824.10	5.8	4820.10	7.5	4819.57	3.3	4822.27	3.0	4821.87	4.3	4815.97
5/24/00	5.0	4827.80	4.5	4828.30	8.5	4819.80	6.5	4819.10			1.5	4825.57	6.5	4819.07	4.0	4815.57	5.0	4815.27
6/7/00			8.5	4824.30	2.3	4826.00	4.5	4821.10	4.0	4821.90	8.0	4819.07	6.0	4819.57	3.2	4821.67	4.0	4819.77
6/13/00	3.7	4829.10	4.9	4827.90	4.6	4823.70	2.0	4823.60	7.2	4818.70	8.2	4818.87	2.8	4822.77	3.2	4821.67	4.0	4816.27
6/30/00	3.0	4829.80	4.0	4828.80	3.9	4824.40	2.0	4823.60			8.7	4818.37	3.2	4822.37	3.1	4821.77	4.5	4815.77
8/2/00	2.6	4830.20	2.8	4830.00	3.9	4824.40	2.1	4823.50	7.4	4818.50	6.3	4820.77	2.4	4823.17	2.6	4822.27	3.6	4816.67
8/15/00	2.1	4830.70			3.5	4824.80	1.9	4823.70	7.3	4818.60	7.4	4819.67	2.5	4823.07	2.7	4822.17	3.4	4816.87
9/1/00	3.5	4829.30			4.2	4824.10	2.5	4823.10	7.6	4818.30	8.0	4819.07	3.0	4822.57	2.8	4822.07	4.5	4815.77
9/20/00	4.1	4828.70			5.4	4822.90	2.3	4823.30	7.6	4818.30	9.2	4817.87	3.5	4822.07	3.2	4821.67	5.0	4815.27
10/6/00	3.7	4829.10			6.4	4821.90	3.7	4821.90	7.8	4818.10	9.3	4817.77	3.9	4821.67	2.7	4822.17	5.4	4814.87
10/30/00			6.5	4826.30	6.8	4821.50	4.6	4821.00	8.0	4817.90	6.0	4821.07	4.8	4820.77			5.6	4814.67
11/28/00			6.5	4826.30	6.6	4821.70	5.3	4820.30	7.8	4818.10	9.6	4817.47	5.2	4820.37	3.4	4821.47	5.7	4814.57
1/12/01			6.6	4826.20	6.4	4821.90	5.2	4820.40	7.5	4818.40	9.8	4817.27	5.2	4820.37			5.4	4814.87
1/26/01			6.8	4826.00	6.4	4821.90	5.4	4820.20	7.4	4818.40	10.0	4817.07	5.5	4820.07	4.1	4820.77	5.6	4814.67
2/19/01			7.4	4825.40	7.4	4820.80	6.0	4819.60			10.7	4816.37	6.2	4819.37			5.9	4814.37
3/9/01			6.4	4826.40	6.4	4821.90	5.6	4820.00			9.8	4817.27	5.4	4820.17	4.1	4820.77	5.3	4814.97
3/28/01			7.2	4825.60	6.9	4821.40	6.1	4819.50	7.0	4818.90	10.1	4816.97	5.8	4819.57			5.5	4814.77
4/24/01					0.0	4828.30	5.9	4819.70			9.1	4817.97	6.0	4819.57	4.0	4820.87	4.5	4820.27
5/16/01			5.7	4827.10	6.3	4822.00	5.6	4820.00	6.1	4819.80	8.8	4816.27	5.7	4819.87	3.3	4821.57	4.5	4815.77
5/29/01			5.2	4827.60	4.6	4823.70	4.4	4821.20	6.7	4819.20	6.1	4820.97	5.7	4819.87	3.5	4821.37	4.5	4815.77

# Timnath-Connell Groundwater Monitoring Wells

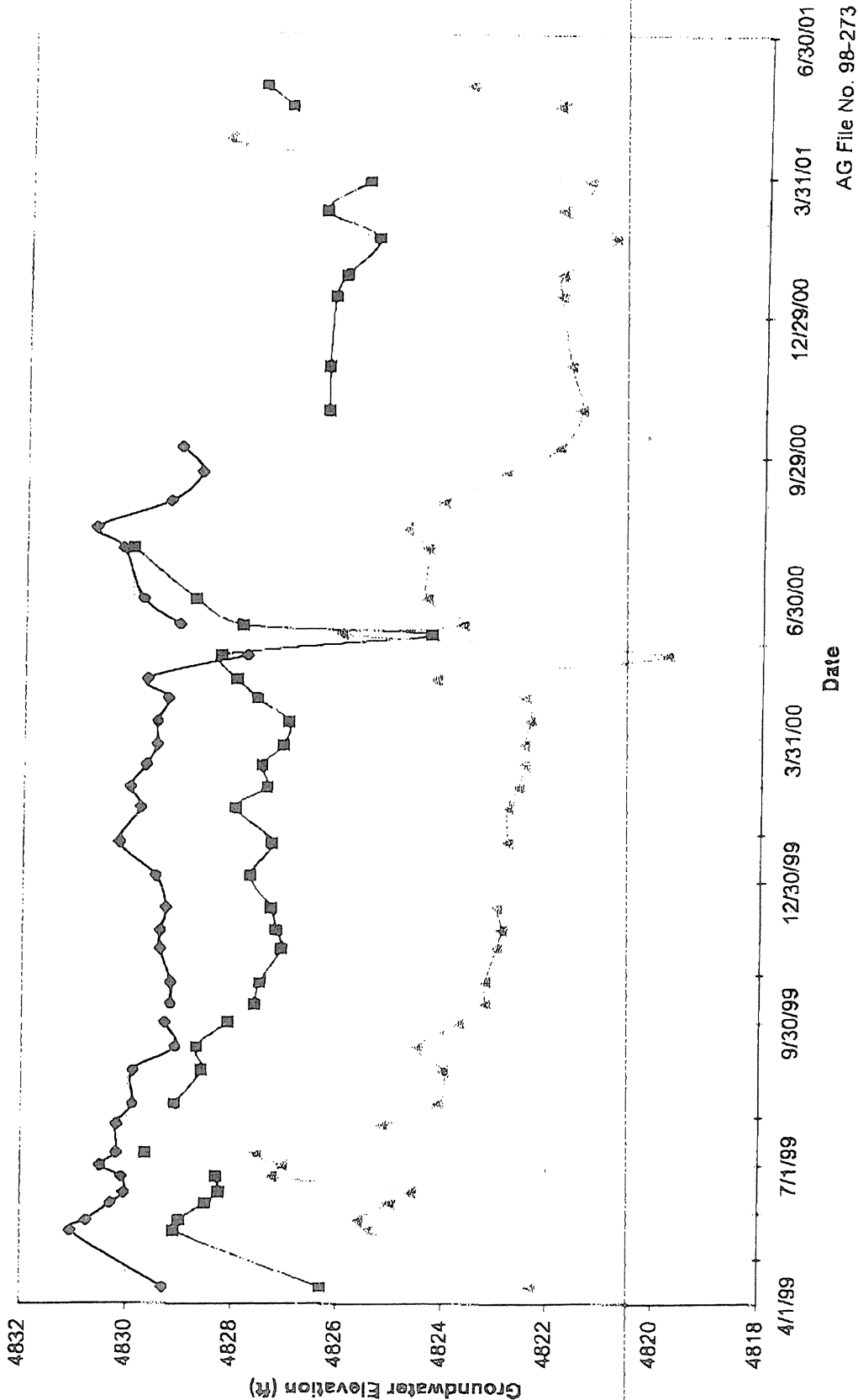


# Timnath-Connell Groundwater Monitoring Wells

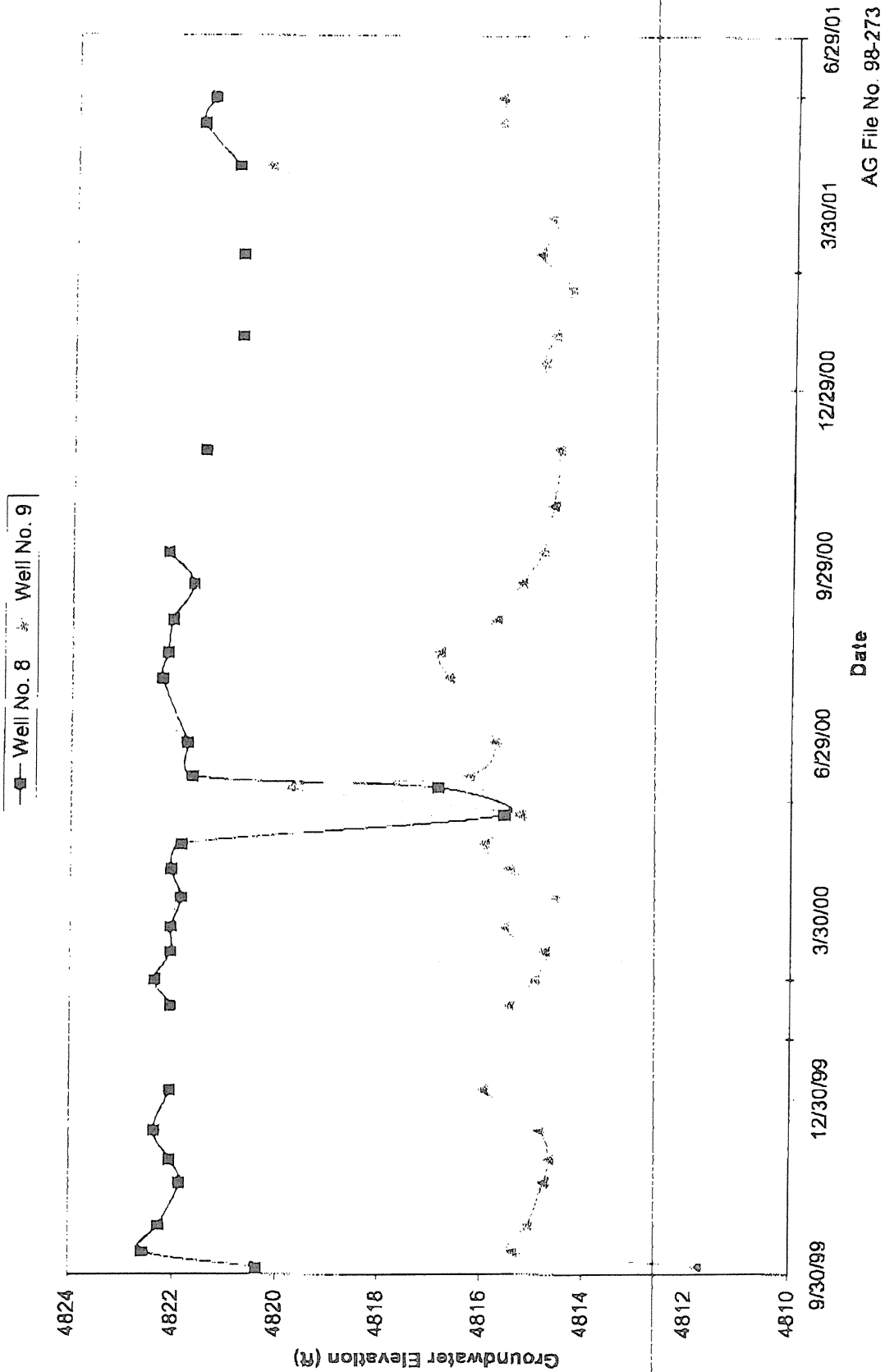


Timnath-Connell Groundwater Monitoring Wells

Well No. 1   Well No. 2   Well No. 3



# Timnath-Connell Groundwater Monitoring Wells





# Monitoring Wells on Timnath-Connell Site and Swift Property

[illegible]

**Groundwater Elevation Monitoring  
Monitoring Wells on Timnath-Connell Site and Swift Property**

Surface Elevation	4832.8		4832.8		4828.3		4825.6		4825.9		4827.1		4825.6		4825.6		4824.87		4820.27	
Monitoring Date	Well 1		Well 2		Well 3		Well 4		Well 5		Well 6		Well 7		Well 8		Well 9			
	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.	Depth	Elev.
4/12/1999	3.5	4829.30	6.5	4826.30	6.0	4822.30	6.5	4819.10	2.5	4823.40	9.0	4818.07	4.5	4821.07	4.5	4820.37	8.5	4811.77		
5/20/1999	1.8	4831.05	3.7	4829.10	2.9	4825.40	3.3	4822.30	3.0	4822.95	5.0	4822.07	4.3	4821.27	2.3	4822.57	4.9	4815.37		
5/27/1999	2.1	4830.75	3.8	4829.00	2.7	4825.60	3.5	4822.15	3.2	4822.75	5.3	4821.77	4.2	4821.37	2.6	4822.27	5.2	4815.07		
6/7/1999	2.5	4830.30	4.3	4828.50	3.3	4825.00	3.9	4821.70	3.3	4822.60	5.3	4821.77	4.8	4820.77	3.0	4821.87	5.5	4814.77		
6/14/1999	2.8	4830.05	4.6	4828.25	3.7	4824.60	4.1	4821.55	3.4	4822.55	5.5	4821.57	4.8	4820.77	2.8	4822.07	5.6	4814.67		
6/24/1999	2.7	4830.10	4.5	4828.30	1.1	4827.25	4.3	4821.35	3.5	4822.40	5.4	4821.67	4.6	4820.97	2.5	4822.37	5.4	4814.87		
7/1/1999	2.3	4830.50			1.3	4827.05	2.7	4822.90	3.5	4822.45	4.8	4822.27	4.6	4820.97	2.8	4822.07	4.3	4815.97		
7/9/1999	2.6	4830.20	3.2	4829.65	0.8	4827.55	1.5	4824.15	2.9	4823.05										
7/27/1999	2.6	4830.20			3.2	4825.15	0.8	4824.80												
8/9/1999	2.9	4829.90	3.7	4829.10	4.2	4824.10	1.8	4823.80	3.2	4822.75	4.8	4822.27	5.0	4820.57	3.0	4821.87	5.7	4814.57		
8/30/1999	2.9	4829.90	4.2	4828.60	4.3	4824.00	2.3	4823.30	3.2	4822.70	4.7	4822.37	4.8	4820.77	2.8	4822.07	4.5	4815.77		
9/14/1999	3.7	4829.10	4.1	4828.70	3.8	4824.50	3.8	4821.80	3.2	4822.70	5.5	4821.67	4.6	4820.97	2.5	4822.37	5.4	4814.87		
9/30/1999	3.5	4829.30	4.7	4828.10	4.6	4823.70	3.9	4821.70	3.7	4822.20	4.8	4822.27	4.6	4820.97	2.8	4822.07	4.3	4815.97		
10/4/1999																				
10/12/1999	3.6	4829.20	5.2	4827.60	5.1	4823.20	4.6	4821.00	3.6	4822.30	4.8	4822.27	5.0	4820.57	2.8	4822.07	4.8	4815.47		
10/26/1999	3.6	4829.20	5.3	4827.50	5.1	4823.20	4.7	4820.90	3.6	4822.30	4.5	4822.57	4.6	4820.97	2.5	4822.37	5.3	4814.97		
11/17/1999	3.4	4829.40	5.7	4827.10	5.3	4823.00	5.1	4820.50	3.8	4822.10	4.7	4822.37	4.8	4820.77	2.8	4822.07	5.5	4814.77		
11/29/1999	3.4	4829.40	5.6	4827.20	5.4	4822.90	5.1	4820.50	3.7	4822.20	4.6	4822.47	5.0	4820.57	3.0	4821.87	5.7	4814.57		
12/14/1999	3.5	4829.30	5.5	4827.30	5.3	4823.00	5.2	4820.40	3.5	4822.40	4.9	4822.17	5.1	4820.47	2.8	4822.07	4.8	4815.47		
1/4/2000	3.3	4829.50	5.1	4827.70			4.8	4820.80	3.3	4822.60	7.5	4819.57	3.3	4822.27	3.0	4821.87	4.3	4815.97		
1/25/2000	2.6	4830.20	5.5	4827.30	5.5	4822.80	5.2	4820.40	2.3	4823.60	1.5	4825.57	6.5	4819.07	9.3	4815.57	5.0	4815.27		
2/16/2000	3.0	4829.80	4.8	4828.00	5.5	4822.80	5.2	4820.40	2.3	4823.60	8.0	4819.07	6.0	4819.57	8.0	4816.87	0.5	4819.77		
2/29/2000	2.8	4830.00	5.4	4827.40	5.7	4822.60	5.0	4820.60	1.7	4824.20	8.2	4818.87	2.8	4822.77	3.2	4821.67	4.0	4816.27		
3/14/2000	3.1	4829.70	5.3	4827.50	5.8	4822.50	5.3	4820.30	2.0	4823.90	8.7	4818.37	3.2	4822.77	3.2	4821.77	4.5	4815.77		
3/27/2000	3.3	4829.50	5.7	4827.10	5.8	4822.50	5.5	4820.60	2.2	4823.70	4.6	4822.47	5.0	4820.57	3.0	4821.87	5.7	4814.57		
4/11/2000	3.3	4829.50	5.8	4827.00	5.9	4822.40	5.0	4820.60	2.8	4823.10	4.9	4822.17	5.1	4820.47	2.8	4822.07	4.8	4815.47		
4/26/2000	3.5	4829.30	5.2	4827.60	5.8	4822.50	5.0	4820.60	2.8	4823.10	7.5	4819.57	3.3	4822.27	3.0	4821.87	4.3	4815.97		
5/9/2000	3.1	4829.70	4.8	4828.00	4.1	4824.20	1.5	4824.10	5.8	4820.10	1.5	4825.57	6.5	4819.07	9.3	4815.57	5.0	4815.27		
5/24/2000	5.0	4827.80	4.5	4828.30	8.5	4819.80	6.5	4819.10	4.0	4821.90	8.0	4819.07	6.0	4819.57	8.0	4816.87	0.5	4819.77		
6/7/2000			8.5	4824.30	2.3	4826.00	4.5	4821.10	7.2	4818.70	8.2	4818.87	2.8	4822.77	3.2	4821.67	4.0	4816.27		
6/13/2000	3.7	4829.10	4.9	4827.90	4.6	4823.70	2.0	4823.60	4.0	4821.90	8.7	4818.37	3.2	4822.77	3.2	4821.77	4.5	4815.77		
6/30/2000	3.0	4829.80	4.0	4828.80	3.9	4824.40	2.0	4823.60	7.4	4818.50	6.3	4820.77	2.4	4823.17	2.6	4822.27	3.6	4816.67		
8/2/2000	2.6	4830.20	2.8	4830.00	3.9	4824.40	2.1	4823.50	7.4	4818.50	7.4	4818.50	2.5	4823.07	2.7	4822.17	3.4	4816.87		
8/15/2000	2.1	4830.70			3.5	4824.80	1.9	4823.70	7.3	4818.60	7.4	4819.67	3.0	4822.57	2.8	4822.07	4.5	4815.77		
9/1/2000	3.5	4829.30			4.2	4824.10	2.5	4823.10	7.6	4818.30	8.0	4819.07	3.0	4822.57	2.8	4822.07	4.5	4815.77		
9/20/2000	4.1	4828.70			5.4	4822.90	2.3	4823.30	7.6	4818.30	9.2	4817.87	3.5	4822.07	3.2	4821.67	5.0	4815.27		
10/6/2000	3.7	4829.10			6.4	4821.90	3.7	4821.90	7.8	4818.10	9.3	4817.77	3.9	4821.67	2.7	4822.17	5.4	4814.87		
10/30/2000			6.5	4826.30	6.8	4821.50	4.6	4821.00	8.0	4817.90	6.0	4821.07	4.8	4820.77	3.4	4821.47	5.6	4814.67		
11/28/2000			6.5	4826.30	6.6	4821.70	5.3	4820.30	7.8	4818.10	9.6	4817.47	5.2	4820.37	3.4	4821.47	5.7	4814.57		
1/12/2001			6.6	4826.20	6.4	4821.90	5.2	4820.40	7.5	4818.40	9.8	4817.27	5.2	4820.37	4.1	4820.77	5.6	4814.67		
1/26/2001			6.8	4826.00	6.4	4821.90	5.4	4820.20	7.4	4818.50	10.0	4817.07	5.5	4820.07	4.1	4820.77	5.6	4814.67		
2/19/2001			7.4	4825.40	7.4	4820.90	6.0	4819.60			10.7	4816.37	6.2	4819.37	4.1	4820.77	5.9	4814.37		
3/9/2001			6.4	4826.40	6.4	4821.90	5.6	4820.00			9.8	4816.27	5.4	4820.17	4.1	4820.77	5.3	4814.37		
3/28/2001			7.2	4825.60	6.9	4821.40	6.1	4819.50	7.0	4818.90	10.1	4816.97	5.8	4819.77	4.1	4820.77	5.9	4814.37		
4/24/2001					0.0	4828.30	5.9	4819.70			9.1	4817.97	6.0	4819.57	4.0	4820.87	5.5	4814.77		
5/16/2001			5.7	4827.10	6.3	4822.00	5.6	4820.00	6.1	4819.80	8.8	4818.27	5.7	4819.87	3.3	4821.57	4.5	4815.77		
5/29/2001			5.2	4827.60	4.6	4823.70	4.4	4821.20	6.7	4819.20	6.1	4820.97	5.7	4819.87	3.5	4821.57	4.5	4815.77		
6/15/2001			5.3	4827.50	6.3	4822.00	5.3	4820.30	6.7	4819.20	8.4	4818.67	5.6	4819.97	3.6	4821.27	4.5	4815.77		
6/29/2001			3.9	4828.90	1.2	4827.10	4.4	4821.25	7.5	4818.40	9.3	4817.77	5.7	4819.87	3.5	4821.37	4.0	4816.27		

CPS JOB # 2012030

Groundwater Monitoring Data  
RECEIVED FROM AGT 8/29/2001

NW  
8/29/2001



October 29, 1999

Connell Resources  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**  
301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Attn: Mr. William Welch

Re: Timnath Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells at the above referenced location (see attached maps for well locations). Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October. The following table shows the depth groundwater was encountered:

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
April 12, 1999	3.50	6.50	6.00	6.50	2.50				
May 20, 1999	1.75	3.70	2.90	3.30	2.95				
May 27, 1999	2.05	3.80	2.70	3.45	3.15				
June 7, 1999	2.50	4.30	3.30	3.90	3.30				
June 14, 1999	2.75	4.55	3.70	4.05	3.35				
June 24, 1999	2.70	4.50	1.05	4.25	3.50				
July 1, 1999	2.30	*	1.25	2.70	3.45				
July 9, 1999	2.60	3.15	0.75	1.45	2.85				
July 27, 1999	2.60	*	3.15	0.80	*				
August 9, 1999	2.90	3.70	4.20	1.80	3.15				
August 30, 1999	2.90	4.20	4.30	2.30	3.20				
September 14, 1999	3.70	4.10	3.80	3.80	3.20				
September 30, 1999	3.50	4.70	4.60	3.90	3.70				
October 4, 1999						9.00	4.50	4.50	8.50
October 12, 1999	3.60	5.20	5.10	4.60	3.60	5.00	4.30	2.30	4.90
October 26, 1999	3.60	5.30	5.10	4.70	3.60	5.30	4.20	2.60	5.20

Groundwater Monitoring Evaluation  
Connell Resources-Timnath Pit  
Page 2  
Terracon Project No. 20985110

Terracon

Test Boring/Monitoring Wells 1 – 5 drilled April 7, and 8, 1999

Test Boring/Monitoring Wells 6 – 9 drilled on October 4, 1999

\* Inaccessible due to irrigation of field

It should be noted that groundwater levels in June and August were influenced by irrigation of the corn crop grown on the site. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions, please feel free to contact us at your convenience.

Sincerely,

**TERRACON**



Connie Schneider, E.I.T.  
Staff Geotechnical Engineer

Copies to:      Addressee

1/4

# Terracon

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

November 12, 1999

Connell Resources  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: Timnath Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110

*Fax Copy: SWIFT FIELDS -  
LOUIS SWIFT  
WATER MGMT. CONS. -  
JOHN ANDREW  
TITLE-APPLEGATE -  
DAVE JONES*

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells at the above referenced location (see attached maps for well locations). Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October. The following table shows the depth groundwater was encountered:

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
April 12, 1999	3.50	6.50	6.00	6.50	2.50				
May 20, 1999	1.75	3.70	2.90	3.30	2.95				
May 27, 1999	2.05	3.80	2.70	3.45	3.15				
June 7, 1999	2.50	4.30	3.30	3.90	3.30				
June 14, 1999	2.75	4.55	3.70	4.05	3.35				
June 24, 1999	2.70	4.50	1.05	4.25	3.50				
July 1, 1999	2.30	*	1.25	2.70	3.45				
July 9, 1999	2.60	3.15	0.75	1.45	2.85				
July 27, 1999	2.60	*	3.15	0.80	*				
August 9, 1999	2.90	3.70	4.20	1.80	3.15				
August 30, 1999	2.90	4.20	4.30	2.30	3.20				
September 14, 1999	3.70	4.10	3.80	3.80	3.20				
September 30, 1999	3.50	4.70	4.60	3.90	3.70				
October 4, 1999						9.00	4.50	4.50	8.50
October 12, 1999	3.60	5.20	5.10	4.60	3.60	5.00	4.30	2.30	4.90
October 26, 1999	3.60	5.30	5.10	4.70	3.60	5.30	4.20	2.60	5.20
November 1 <sup>2</sup> , 1999	3.40	5.70	5.30	5.10	3.80	5.30	4.80	3.00	5.50

*WAL  
11/17/99*

December 15, 1999

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit**  
**Weekly Groundwater Monitoring**  
**Terracon Project No. 20985110**

**FAXED**  
1/3/99  
NTW

**Terracon**

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

*XC: SWIFT Ponds*  
*L. SWIFT*  
*Water Management*  
*JOAN ANDREW*

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells at the above referenced location (please refer to attached map for monitoring well locations). Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999. Terracon is also re-submitting the Boring Logs for each of the monitoring wells installed with the corrected ground surface elevations.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.60	5.20	5.10	4.60	3.60	5.00	4.30	2.30	4.90
October 26, 1999	3.60	5.30	5.10	4.70	3.60	5.30	4.20	2.60	5.20
November 17, 1999	3.40	5.70	5.30	5.10	3.80	5.30	4.80	3.00	5.50
November 29, 1999	3.40	5.60	5.40	5.10	3.70	5.50	4.80	2.80	5.60
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,

**TERRACON**

  
David A. Richer, P.E.

Geotechnical Engineer/Department Manager

Enclosures: Site Plan, and 9 Boring Logs

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

**DEC 17 1999**

Arizona ■ Arkansas ■ Colorado ■ Georgia ■ Idaho ■ Illinois ■ Iowa ■ Kansas ■ Kentucky ■ Minnesota ■ Missouri ■ Montana  
Nebraska ■ Nevada ■ New Mexico ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

Quality Engineering Since 1965

February 18, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**  
301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

*Fax Copy: SWIFT Ponds  
- L. SWIFT  
Tuttle Applegate  
- D. JONES  
FILE*

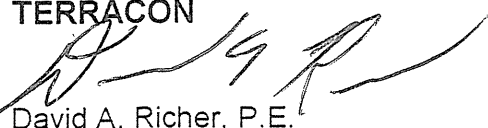
Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

  
David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

*WTW  
2/24/2000*

Arizona ■ Arkansas ■ Colorado ■ Georgia ■ Idaho ■ Illinois ■ Iowa ■ Kansas ■ Kentucky ■ Minnesota ■ Missouri ■ Montana  
Nebraska ■ Nevada ■ New Mexico ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

Quality Engineering Since 1965

January 4, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Attn: Mr. William Welch

**Re: Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3

On January 4, 2000, Well No. 3 could not be found. It appears this well may have been destroyed during the plowing of the field. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,

**TERRACON**



David A. Richer, P.E.

Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

SEE JOB # 20020328

February 29, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

ORIG: FILE  
Fax Copy: SWIFT FIELDS -  
L. SWIFT  
TITLE APPLEGATE  
D. JONES


Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

  
David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

MAR 01 2000

Copies to: Addressee (3)

Arizona ■ Arkansas ■ California ■ Colorado ■ Connecticut ■ Delaware ■ Florida ■ Georgia ■ Idaho ■ Illinois ■ Indiana ■ Iowa ■ Kansas ■ Kentucky ■ Minnesota ■ Missouri ■ Montana ■ Nebraska ■ Nevada ■ New Mexico ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

Quality Engineering Since 1965

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,

**TERRACON**

A handwritten signature in black ink, appearing to read 'D. Richer', is written over the word 'TERRACON'.

David A. Richer, P.E.

Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones





301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

March 15, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5

MAR 16 2000

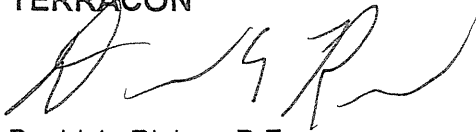
Z/z

Groundwater Monitoring Evaluation  
Connell Resources-Timnath Pit  
Page 2  
Terracon Project No. 20985110

Terracon

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

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

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

42

March 28, 2000



301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110

*Fax Copy: L. SWIFT*

*: TITLE - APPROVED*

*DAVE JONES*

*ORIG. FILE*

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7

MAR 31 2000

*WV*  
*4/3/2000*

2/2

Groundwater Monitoring Evaluation  
Connell Resources-Timnath Pit  
Page 2  
Terracon Project No. 20985110

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

A handwritten signature in black ink, appearing to read 'D. A. Richer', with a stylized flourish at the end.

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

April 11, 2000

**Terracon**301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**Fax Copy! SWIFT BONDS  
- L. SWIFTTITLE - APPROPRIATE  
- D. JONES

ORIG. FILE

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7

4/2

Groundwater Monitoring Evaluation  
Connell Resources-Timnath Pit  
Page 2  
Terracon Project No. 20985110

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

April 26, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

**FAXED**

*1/2*  
**Terracon**

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

*Fax C: Swift Ponds -  
L. Swift  
Terracon Appreciates  
D. Jones*

*File: Orig*

Dear Mr. Welch,

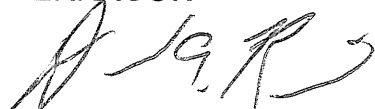
On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7
April 26, 2000	3.5	5.2	5.8	5.0	2.8	4.9	5.1	2.8	4.8

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,

**TERRACON**

A handwritten signature in black ink, appearing to read 'D. Richer', with a stylized flourish at the end.

David A. Richer, P.E.

Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones



Ch. Job #992030 Field Test

May 10, 2000

**Terracon**

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

XC: SWIFT PENDING -  
L. SWIFT  
TERRACON APPROPRIATE -  
DAVE JONES  
FILE

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

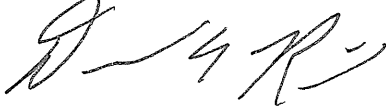
Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7
April 26, 2000	3.5	5.2	5.8	5.0	2.8	4.9	5.1	2.8	4.8
May 9, 2000	3.1	4.8	4.1	1.5	5.8	7.5	3.3	3.0	4.3

2/2

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. (\*\*) Piezometer #5 was inaccessible due to land-moving activity by Connell Resources. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,

**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

May 25, 2000

#200830

FILE: TESTING

1/2

**Terracon**

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

Fax C: SWIFT Ponds --  
C. SWIFT

XL: TUDS Applegate  
D. JONES  
File

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7
April 26, 2000	3.5	5.2	5.8	5.0	2.8	4.9	5.1	2.8	4.8
May 9, 2000	3.1	4.8	4.1	1.5	5.8	7.5	3.3	3.0	4.3
May 24, 2000	5.0	4.5	8.5	6.5	**	1.5	6.5	9.3	5.0

Arizona ■ Arkansas ■ Colorado ■ Georgia ■ Idaho ■ Illinois ■ Iowa ■ Kansas ■ Kentucky ■ Minnesota ■ Missouri ■ Montana  
Nebraska ■ Nevada ■ New Mexico ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

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MAY 26 2000

Piezometer #3 was redrilled on January 17, 2000. (\*)Area for piezometers #6-9 was inaccessible due to the entrance gates being locked. (\*\*) Piezometer was inaccessible. Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

A handwritten signature in black ink, appearing to read 'D. A. Richer', with a stylized flourish at the end.

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

June 8, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit  
Weekly Groundwater Monitoring  
Terracon Project No. 20985110**

#2002030 FILE: TESTING

**Terracon**

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

DAVE RICKER  
6/12/2000 MIKE HANSEN FCW  
IS RE-EVALUATING THE REPORTS

JUN 09 2000

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project. Terracon monitored groundwater levels on a weekly basis through July 9, and then on a semi-monthly basis through October for Monitoring Well Nos. 1 through 5. After Monitoring Well Nos. 6 through 9 were installed in October of 1999, Terracon has been monitoring the wells on a semi-monthly basis. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9, starting on October 12, 1999.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7
April 26, 2000	3.5	5.2	5.8	5.0	2.8	4.9	5.1	2.8	4.8
May 9, 2000	3.1	4.8	4.1	1.5	5.8	7.5	3.3	3.0	4.3
May 24, 2000	5.0	4.5	8.5	6.5	**	1.5	6.5	9.3	5.0
June 7, 2000	**	8.5	2.3	4.5	4.0	8.0	6.0	8.0	0.5

Arizona ■ Arkansas ■ Colorado ■ Georgia ■ Idaho ■ Illinois ■ Iowa ■ Kansas ■ Kentucky ■ Minnesota ■ Missouri ■ Montana  
Nebraska ■ Nevada ■ New Mexico ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

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15000  
1150  
DAVE  
RICKER  
FCW

Groundwater Monitoring Evaluation  
Connell Resources-Timnath Pit  
Page 2  
Terracon Project No. 20985110

The groundwater levels appear to be experiencing more fluctuation during the last month's monitoring episodes. It should be noted that mining operations along with dewatering efforts have taken place most recently which could be contributing to the fluctuating groundwater levels as observed in Piezometers 1 through 9.

Notes: (\*) Area for piezometers #6-9 was inaccessible due to the entrance gates being locked.  
(\*\*) Piezometer was inaccessible due to the on-going mining operations.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

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

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

CRS Job # 2002030  
File: TESTING

June 16, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**  
301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Attn: Mr. William Welch

**Re: Proposed Timnath - Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 12, 1999	3.6	5.2	5.1	4.6	3.6	5.0	4.3	2.3	4.9
October 26, 1999	3.6	5.3	5.1	4.7	3.6	5.3	4.2	2.6	5.2
November 17, 1999	3.4	5.7	5.3	5.1	3.8	5.3	4.8	3.0	5.5
November 29, 1999	3.4	5.6	5.4	5.1	3.7	5.5	4.8	2.8	5.6
December 14, 1999	3.5	5.5	5.3	5.2	3.5	5.4	4.6	2.5	5.4
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7
April 26, 2000	3.5	5.2	5.8	5.0	2.8	4.9	5.1	2.8	4.8
May 9, 2000	3.1	4.8	4.1	1.5	5.8	7.5	3.3	3.0	4.3
May 24, 2000	5.0	4.5	8.5	6.5	**	1.5	6.5	9.3	5.0
June 7, 2000	**	8.5	2.3	4.5	4.0	8.0	6.0	8.0	0.5
June 13, 2000	3.7	4.9	4.6	2.0	7.2	8.2	2.8	3.2	4.0
June 30, 2000	3.0	4.0	3.9	2.0	**	8.7	3.2	3.1	4.5

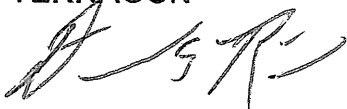
Groundwater Monitoring Evaluation  
Connell Resources-Timnath Pit  
Page 2  
Terracon Project No. 20985110

4/2-

Notes: (\*) Area for piezometer Nos. 6-9 was inaccessible due to the entrance gates being locked.  
(\*\*) Piezometer was inaccessible due to the on-going mining operations.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones



August 2, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath - Connell Pit**  
**Bi-Monthly Groundwater Monitoring Episodes**  
**Terracon Project No. 20985110**

1/2  
2002030  
**Terracon**  
301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

*XL: Tuttle Associates  
• Dave Jones  
Swift Ponds  
• Louis Swift*

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9 for the year 2000.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7
April 26, 2000	3.5	5.2	5.8	5.0	2.8	4.9	5.1	2.8	4.8
May 9, 2000	3.1	4.8	4.1	1.5	5.8	7.5	3.3	3.0	4.3
May 24, 2000	5.0	4.5	8.5	6.5	**	1.5	6.5	9.3	5.0
June 7, 2000	**	8.5	2.3	4.5	4.0	8.0	6.0	8.0	0.5
June 13, 2000	3.7	4.9	4.6	2.0	7.2	8.2	2.8	3.2	4.0
June 30, 2000	3.0	4.0	3.9	2.0	**	8.7	3.2	3.1	4.5
August 2, 2000	2.6	2.8	3.9	2.1	7.4	6.3	2.4	2.6	3.6

The groundwater levels appear to be experiencing more fluctuation during the last month's monitoring episodes. It should be noted that mining operations along with dewatering efforts have taken place most recently which could be contributing to the fluctuating groundwater levels as observed in Piezometers 1 through 9.

*WVW  
8/9/2000*

4/2

Groundwater Monitoring Evaluation  
Connell Resources-Timnath Pit  
Page 2  
Terracon Project No. 20985110

The groundwater levels appear to be experiencing more fluctuation during the last month's monitoring episodes. It should be noted that mining operations along with dewatering efforts have taken place most recently which could be contributing to the fluctuating groundwater levels as observed in Piezometers 1 through 9.

Notes: (\*) Area for piezometer Nos. 6-9 was inaccessible due to the entrance gates being locked.  
(\*\*) Piezometer was inaccessible due to the on-going mining operations.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,

**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

September 20, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath – Connell Pit**  
**Bi-Monthly Groundwater Monitoring Episodes**  
**Terracon Project No. 20985110**

CR JOB # 2000030 1/2  
**Terracon**  
301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

**EX-103**  
10/3/2000

XC: TUNE APPROPRIATE  
D. JONES  
SWIFT PENS -  
C. SWIFT

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well Nos. 1 through 9 for the year 2000.

Monitoring Date	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
January 4, 2000	3.3	5.1	-	4.8	3.3	4.8	4.6	2.8	4.3
January 25, 2000	2.6	5.5	5.5	5.2	2.3	*	*	*	*
February 16, 2000	3.0	4.8	5.5	5.2	2.3	4.8	5.0	2.8	4.8
February 29, 2000	2.8	5.4	5.7	5.0	1.7	4.5	4.6	2.5	5.3
March 14, 2000	3.1	5.3	5.8	5.3	2.0	4.7	4.8	2.8	5.5
March 27, 2000	3.3	5.7	5.8	5.5	2.0	4.7	5.3	2.8	4.7
April 11, 2000	3.3	5.8	5.9	5.0	2.2	4.6	5.0	3.0	5.7
April 26, 2000	3.5	5.2	5.8	5.0	2.8	4.9	5.1	2.8	4.8
May 9, 2000	3.1	4.8	4.1	1.5	5.8	7.5	3.3	3.0	4.3
May 24, 2000	5.0	4.5	8.5	6.5	**	1.5	6.5	9.3	5.0
June 7, 2000	**	8.5	2.3	4.5	4.0	8.0	6.0	8.0	0.5
June 13, 2000	3.7	4.9	4.6	2.0	7.2	8.2	2.8	3.2	4.0
June 30, 2000	3.0	4.0	3.9	2.0	**	8.7	3.2	3.1	4.5
August 2, 2000	2.6	2.8	3.9	2.1	7.4	6.3	2.4	2.6	3.6
August 15, 2000	2.1	**	3.5	1.9	7.3	7.4	2.5	2.7	3.4
September 1, 2000	3.5	**	4.2	2.5	7.6	8.0	3.0	2.8	4.5
September 20, 2000	4.1	**	5.4	2.3	7.6	9.2	3.5	3.2	5.0

October 9, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**  
301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

*KC. L. Swift  
Swift Ponds  
Tuttle Applegate  
D. Jones*

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well/Piezometer Nos. 1 through 9 for the 10 most recent monitoring episodes for the year of 2000.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
May 9, 2000	3.1	4.8	4.1	1.5	5.8	7.5	3.3	3.0	4.3
May 24, 2000	5.0	4.5	8.5	6.5	(1)	1.5	6.5	9.3	5.0
June 7, 2000	**	8.5	2.3	4.5	4.0	8.0	6.0	8.0	0.5
June 13, 2000	3.7	4.9	4.6	2.0	7.2	8.2	2.8	3.2	4.0
June 30, 2000	3.0	4.0	3.9	2.0	(1)	8.7	3.2	3.1	4.5
August 2, 2000	2.6	2.8	3.9	2.1	7.4	6.3	2.4	2.6	3.6
August 15, 2000	2.1	(1)	3.5	1.9	7.3	7.4	2.5	2.7	3.4
September 1, 2000	3.5	(1)	4.2	2.5	7.6	8.0	3.0	2.8	4.5
September 20, 2000	4.1	(1)	5.4	2.3	7.6	9.2	3.5	3.2	5.0
October 6, 2000	3.7	(1)	6.4	3.7	7.8	9.3	3.9	2.7	5.4

Notes: (1) Piezometer was inaccessible due to the on-going mining operations.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

*David A. Richer*  
David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

November 28, 2000

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

Re: **Proposed Timnath – Connell Pit**  
**Bi-Monthly Groundwater Monitoring Episodes**  
**Terracon Project No. 20985110**

Dear Mr. Welch,

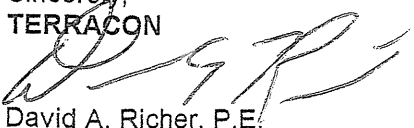
On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well/Piezometer Nos. 1 through 9 for the 10 most recent monitoring episodes for the year of 2000.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
June 7, 2000	**	8.5	2.3	4.5	4.0	8.0	6.0	8.0	0.5
June 13, 2000	3.7	4.9	4.6	2.0	7.2	8.2	2.8	3.2	4.0
June 30, 2000	3.0	4.0	3.9	2.0	(1)	8.7	3.2	3.1	4.5
August 2, 2000	2.6	2.8	3.9	2.1	7.4	6.3	2.4	2.6	3.6
August 15, 2000	2.1	(1)	3.5	1.9	7.3	7.4	2.5	2.7	3.4
September 1, 2000	3.5	(1)	4.2	2.5	7.6	8.0	3.0	2.8	4.5
September 20, 2000	4.1	(1)	5.4	2.3	7.6	9.2	3.5	3.2	5.0
October 6, 2000	3.7	(1)	6.4	3.7	7.8	9.3	3.9	2.7	5.4
October 30, 2000	**	6.5	6.8	4.6	8.0	6.0	4.8	**	5.6
November 28, 2000	**	6.6	6.6	5.3	7.8	9.6	5.2	3.4	5.7

Notes: (1) Piezometer was inaccessible due to the on-going mining operations.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

  
David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

NOV 30 2000

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

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**Terracon**

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Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

XC: SWIFT Ponds -  
C. SWIFT  
Tuttle Applegate  
D. Jones  
File: ORIG. TESTING

AUG 4 2001

AUG 24 2001

August 23, 2001

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

# Terracon

301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometer wells for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. The following table shows the depth of where groundwater was measured from the ground surface elevations for Monitoring Well/Piezometer Nos. 1 through 9 for the year of 2001.

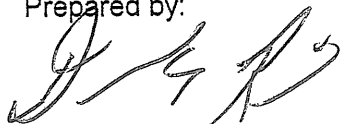
Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
May 29, 2001	(1)	5.2	4.6	4.4	6.7	6.1	5.7	3.5	4.5
June 15, 2001	(1)	5.3	3.7	5.3	6.7	8.4	5.6	3.6	4.5
June 29, 2001	(1)	3.9	1.2	4.35	7.5	9.3	5.7	3.5	4.0
July 23, 2001	(1)	(2)	4.0	4.1	6.6	8.9	4.6	2.8	3.6
August 23, 2001	(1)	(2)	2.0	4.7	7.3	9.3	5.3	3.2	4.6

Notes: (1) Piezometer has been destroyed and no longer available for monitoring purposes. Upon request, we can replace this piezometer.

(2) Could not be monitored due to weather/irrigating.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

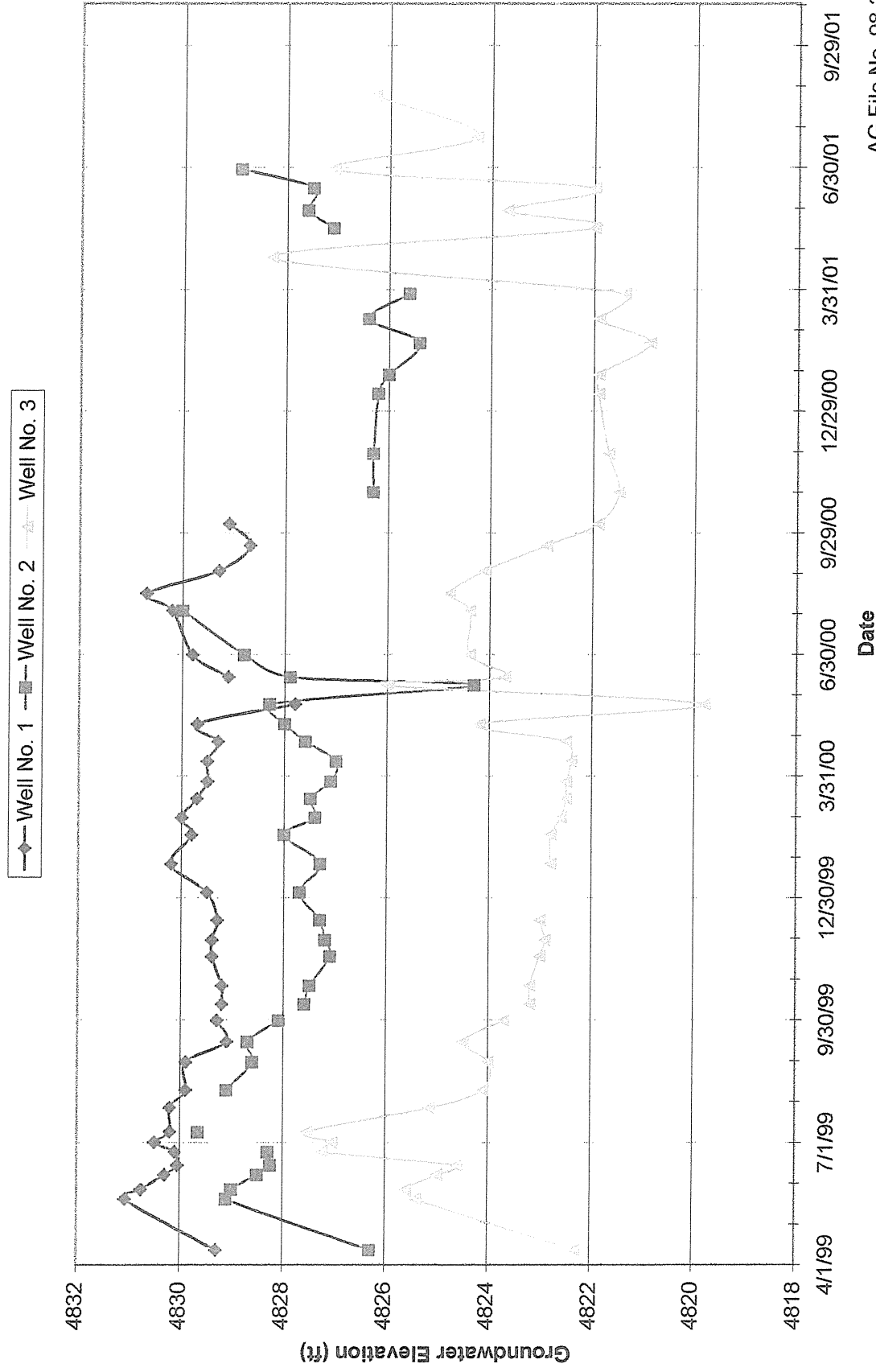
Sincerely,  
**TERRACON**  
Prepared by:



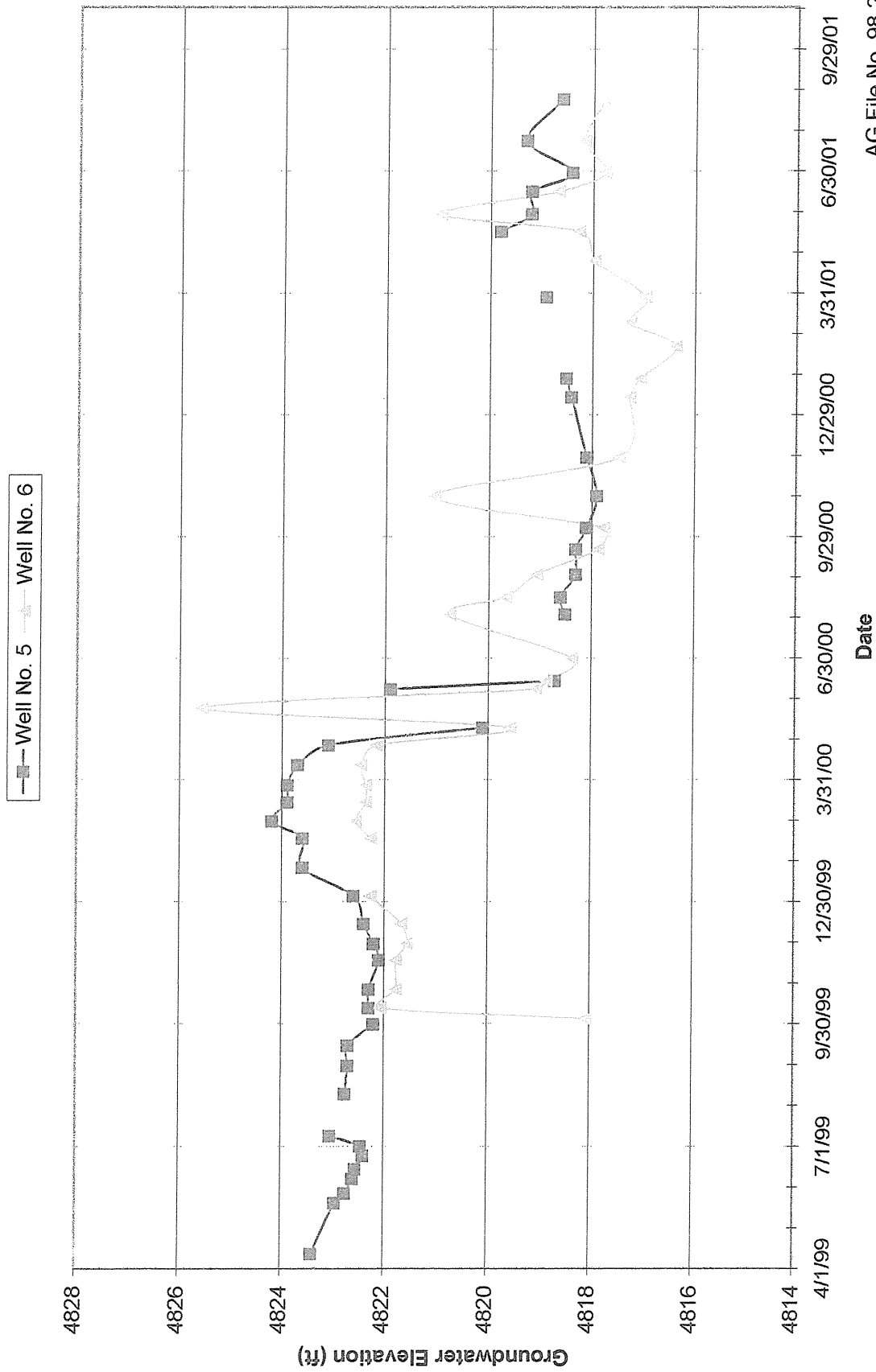
David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. David Jones

# Timnath-Connell Groundwater Monitoring Wells

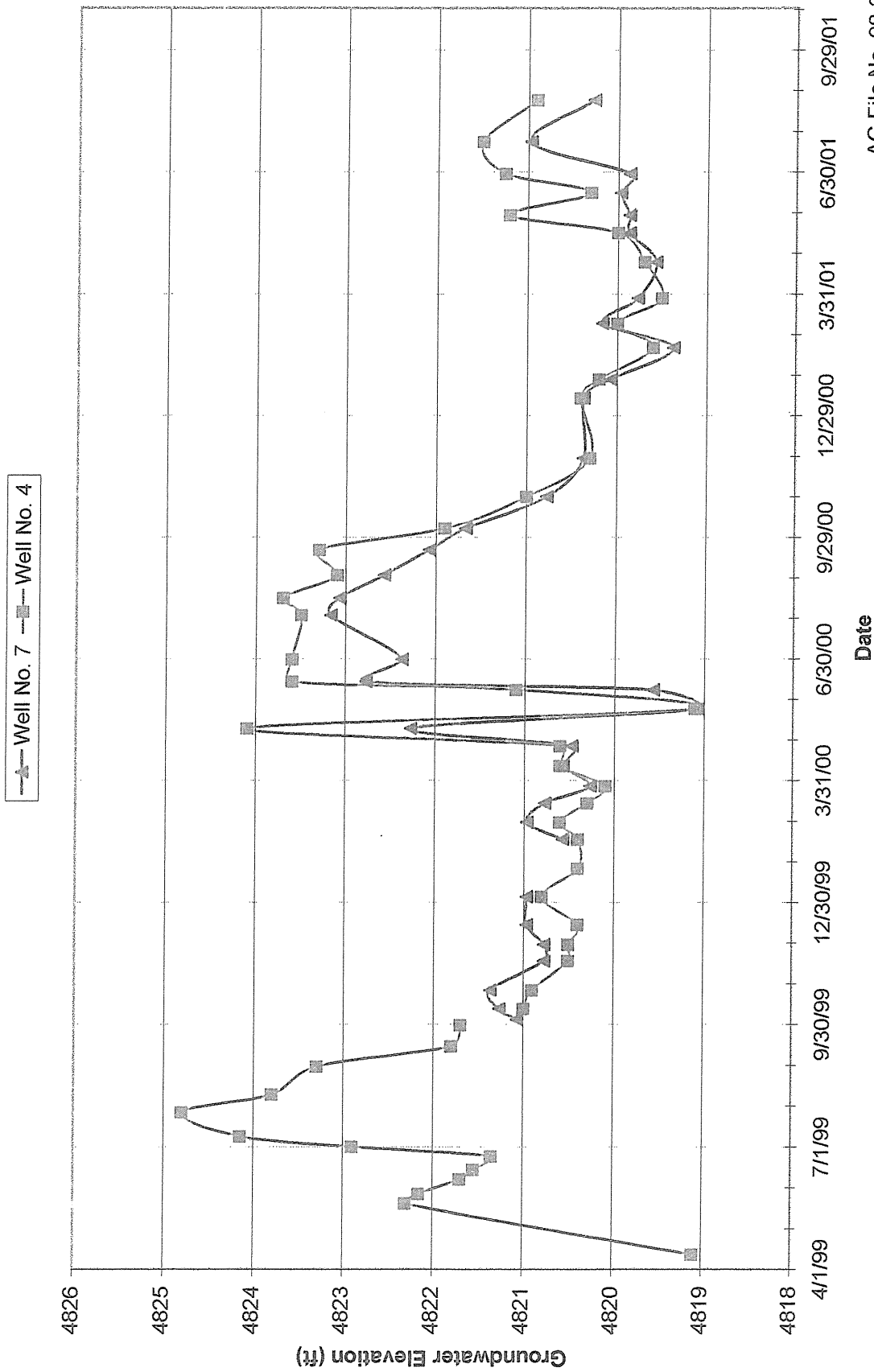


# Timnath-Connell Groundwater Monitoring Wells

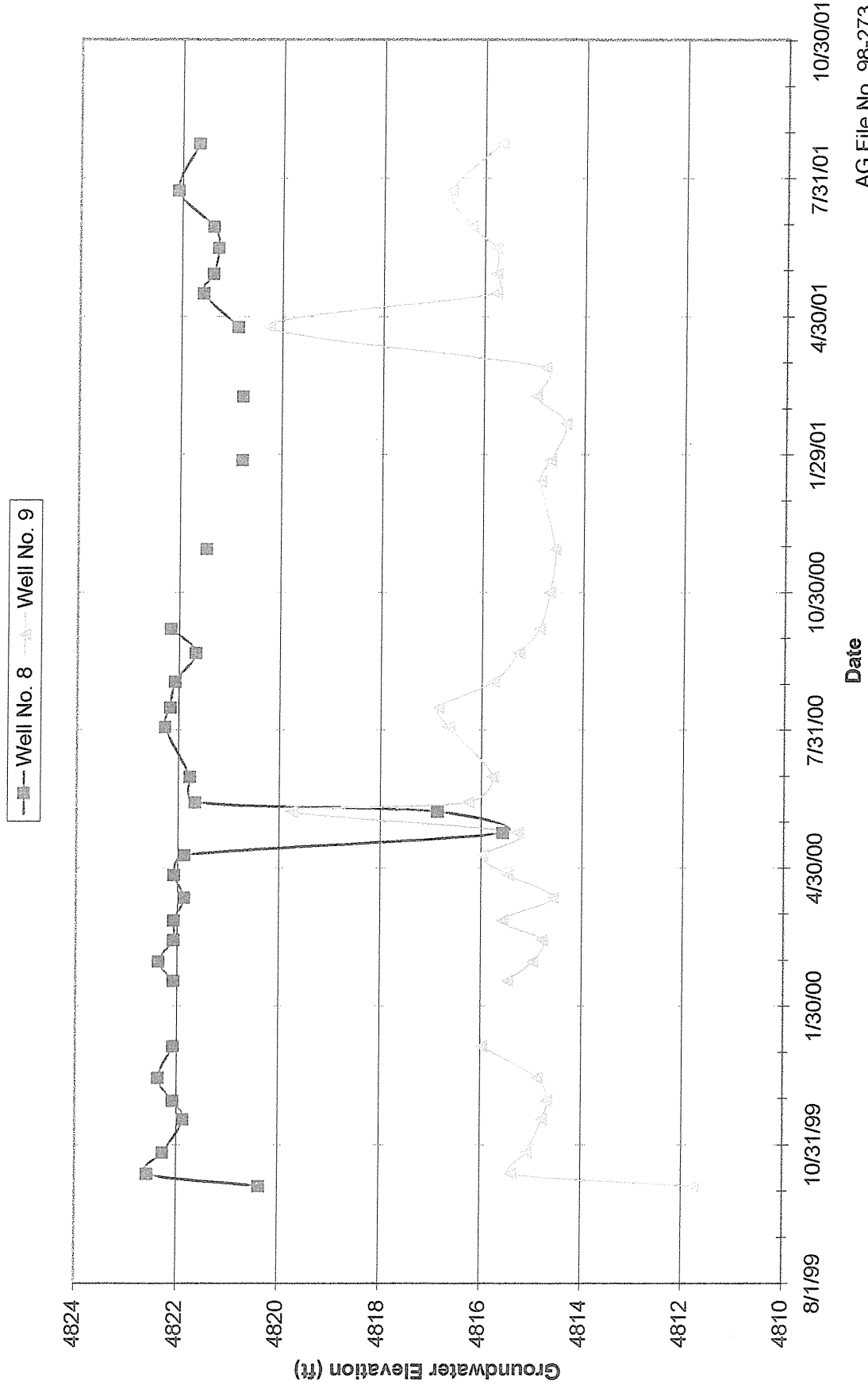




# Timnath-Connell Groundwater Monitoring Wells



# Timnath-Connell Groundwater Monitoring Wells



April 17, 2003

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 31, 2002	5.7	7.0	6.3	5.3	2.2	4.0	3.6	2.8	5.3
November 29, 2002	6.1	7.5	6.5	6.3	2.1	4.0	3.7	3.2	5.4
December 23, 2002	6.4	7.9	6.8	6.6	2.3	4.2	3.9	3.3	5.5
January 27, 2003	8.5	8.6	6.9	6.8	2.4	4.2	3.9	3.5	5.4
February 25, 2003	6.6	8.1	6.9	7.0	2.9	4.4	4.2	3.7	5.4
April 17, 2003	8.2	6.6	6.5	6.9	2.5	4.2	4.0	3.4	4.6

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

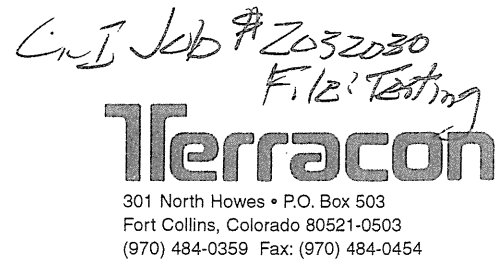
Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

May 20, 2003



Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

MAY 21 2003

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
November 29, 2002	6.1	7.5	6.5	6.3	2.1	4.0	3.7	3.2	5.4
December 23, 2002	6.4	7.9	6.8	6.6	2.3	4.2	3.9	3.3	5.5
January 27, 2003	8.5	8.6	6.9	6.8	2.4	4.2	3.9	3.5	5.4
February 25, 2003	6.6	8.1	6.9	7.0	2.9	4.4	4.2	3.7	5.4
April 17, 2003	8.2	6.6	6.5	6.9	2.5	4.2	4.0	3.4	4.6
May 20, 2003	7.7	5.6	4.4	5.9	2.1	3.9	3.9	3.2	3.8

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

JUN 17 2003

**Terracon**301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

June 16, 2003

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

XC: Mike Duster

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
December 23, 2002	6.4	7.9	6.8	6.6	2.3	4.2	3.9	3.3	5.5
January 27, 2003	8.5	8.6	6.9	6.8	2.4	4.2	3.9	3.5	5.4
February 25, 2003	6.6	8.1	6.9	7.0	2.9	4.4	4.2	3.7	5.4
April 17, 2003	8.2	6.6	6.5	6.9	2.5	4.2	4.0	3.4	4.6
May 20, 2003	7.7	5.6	4.4	5.9	2.1	3.9	3.9	3.2	3.8
June 16, 2003	7.9	6.2	5.4	7.0	2.0	3.8	4.2	3.0	4.0

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

David A. Richer, P.E.  
Geotechnical Engineer/Department ManagerCopies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

OCT 24 2003

**Terracon**

301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

October 22, 2003

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

*CRI Job # 2032030*  
*File: monitoring*

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
May 20, 2003	7.7	5.6	4.4	5.9	2.1	3.9	3.9	3.2	3.8
June 16, 2003	7.9	6.2	5.4	7.0	2.0	3.8	4.2	3.0	4.0
July 9, 2003	7.8	4.9	2.5	6.1	1.8	3.7	4.3	2.9	3.4
August 25, 2003	7.9	5.8	5.4	4.7	2.3	4.4	4.2	2.5	4.3
September 23, 2003	7.6	6.1	6.0	7.0	1.6	3.6	4.2	2.8	4.5
October 22, 2003	7.9	6.7	6.3	5.9	1.8	3.9	4.1	2.8	4.4

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

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DEC 04 2003

December 2, 2003

# Terracon

301 North Howes • P.O. Box 503  
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(970) 484-0359 Fax: (970) 484-0454

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

*Timnath Connell Pit*

*File: Groundwater Monitoring*

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
June 16, 2003	7.9	6.2	5.4	7.0	2.0	3.8	4.2	3.0	4.0
July 9, 2003	7.8	4.9	2.5	6.1	1.8	3.7	4.3	2.9	3.4
August 25, 2003	7.9	5.8	5.4	4.7	2.3	4.4	4.2	2.5	4.3
September 23, 2003	7.6	6.1	6.0	7.0	1.6	3.6	4.2	2.8	4.5
October 22, 2003	7.9	6.7	6.3	5.9	1.8	3.9	4.1	2.8	4.4
December 2, 2003	7.9	7.0	6.4	7.4	2.2	4.2	4.3	2.9	5.1

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

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1/15 Job # 2092030

**Terracon**

301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

February 26, 2004

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
July 9, 2003	7.8	4.9	2.5	6.1	1.8	3.7	4.3	2.9	3.4
August 25, 2003	7.9	5.8	5.4	4.7	2.3	4.4	4.2	2.5	4.3
September 23, 2003	7.6	6.1	6.0	7.0	1.6	3.6	4.2	2.8	4.5
October 22, 2003	7.9	6.7	6.3	5.9	1.8	3.9	4.1	2.8	4.4
December 2, 2003	7.9	7.0	6.4	7.4	2.2	4.2	4.3	2.9	5.1
February 26, 2004	8.0	7.7	6.8	8.0	2.4	4.3	4.9	3.0	5.0

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

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APR 27 2004

April 23, 2004

**Terracon**301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax (970) 484-0454Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

CRI Jcd #2042030

Attn: Mr. William Welch

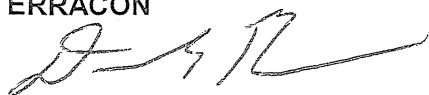
**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
September 23, 2003	7.6	6.1	6.0	7.0	1.6	3.6	4.2	2.8	4.5
October 22, 2003	7.9	6.7	6.3	5.9	1.8	3.9	4.1	2.8	4.4
December 2, 2003	7.9	7.0	6.4	7.4	2.2	4.2	4.3	2.9	5.1
February 26, 2004	8.0	7.7	6.8	8.0	2.4	4.3	4.9	3.0	5.0
March 25, 2004	8.0	7.5	6.7	8.0	2.7	4.6	5.0	3.7	5.1
April 23, 2004	7.9	7.1	3.6	8.0	3.0	4.8	5.0	3.4	4.8

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

David A. Richer, P.E.  
Geotechnical Engineer/Department ManagerCopies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein


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June 11, 2004

JUN 15 2004

**Terracon**  
301 N. Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
October 22, 2003	7.9	6.7	6.3	5.9	1.8	3.9	4.1	2.8	4.4
December 2, 2003	7.9	7.0	6.4	7.4	2.2	4.2	4.3	2.9	5.1
February 26, 2004	8.0	7.7	6.8	8.0	2.4	4.3	4.9	3.0	5.0
March 25, 2004	8.0	7.5	6.7	8.0	2.7	4.6	5.0	3.7	5.1
April 23, 2004	7.9	7.1	3.6	8.0	3.0	4.8	5.0	3.4	4.8
June 11, 2004	7.4	4.7	3.8	6.5	1.5	3.3	4.1	3.4	4.9

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein



July 7, 2004

JUL 12 2004

# Terracon

301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

*CRI Job# 2042030*  
*File: Testing*

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
December 2, 2003	7.9	7.0	6.4	7.4	2.2	4.2	4.3	2.9	5.1
February 26, 2004	8.0	7.7	6.8	8.0	2.4	4.3	4.9	3.0	5.0
March 25, 2004	8.0	7.5	6.7	8.0	2.7	4.6	5.0	3.7	5.1
April 23, 2004	7.9	7.1	3.6	8.0	3.0	4.8	5.0	3.4	4.8
June 11, 2004	7.4	4.7	3.8	6.5	1.5	3.3	4.1	3.4	4.9
July 7, 2004	7.3	4.6	(1)	6.2	1.3	3.7	4.4	3.3	4.7

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

Arizona ■ Arkansas ■ California ■ Colorado ■ Georgia ■ Idaho ■ Illinois ■ Iowa ■ Kansas ■ Kentucky ■ Minnesota ■ Missouri  
Montana ■ Nebraska ■ Nevada ■ New Mexico ■ North Carolina ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

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AUG 26 2004

C: I Job # 2042030  
File: Testing  
**Terracon**301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

August 23, 2004

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
February 26, 2004	8.0	7.7	6.8	8.0	2.4	4.3	4.9	3.0	5.0
March 25, 2004	8.0	7.5	6.7	8.0	2.7	4.6	5.0	3.7	5.1
April 23, 2004	7.9	7.1	3.6	8.0	3.0	4.8	5.0	3.4	4.8
June 11, 2004	7.4	4.7	3.8	6.5	1.5	3.3	4.1	3.4	4.9
July 7, 2004	7.3	4.6	(1)	6.2	1.3	3.7	4.4	3.3	4.7
August 23, 2004	7.2	4.6	(1)	5.2	1.9	3.9	3.6	3.1	4.5

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

David A. Richer, P.E.  
Geotechnical Engineer/Department ManagerCopies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

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Montana ■ Nebraska ■ Nevada ■ New Mexico ■ North Carolina ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

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November 9, 2004



301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
(970) 484-0359 Fax: (970) 484-0454

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
March 25, 2004	8.0	7.5	6.7	8.0	2.7	4.6	5.0	3.7	5.1
April 23, 2004	7.9	7.1	3.6	8.0	3.0	4.8	5.0	3.4	4.8
June 11, 2004	7.4	4.7	3.8	6.5	1.5	3.3	4.1	3.4	4.9
July 7, 2004	7.3	4.6	(1)	6.2	1.3	3.7	4.4	3.3	4.7
August 23, 2004	7.2	4.6	(1)	5.2	1.9	3.9	3.6	3.1	4.5
November 9, 2004	7.9	6.9	(1)	7.2	2.1	3.9	4.5	3.0	4.8

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

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Montana ■ Nebraska ■ Nevada ■ New Mexico ■ North Carolina ■ Oklahoma ■ Tennessee ■ Texas ■ Utah ■ Wisconsin ■ Wyoming

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WAW  
11/5/05

January 25, 2005

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
April 23, 2004	7.9	7.1	3.6	8.0	3.0	4.8	5.0	3.4	4.8
June 11, 2004	7.4	4.7	3.8	6.5	1.5	3.3	4.1	3.4	4.9
July 7, 2004	7.3	4.6	(1)	6.2	1.3	3.7	4.4	3.3	4.7
August 23, 2004	7.2	4.6	(1)	5.2	1.9	3.9	3.6	3.1	4.5
November 9, 2004	7.9	6.9	(1)	7.2	2.1	3.9	4.5	3.0	4.8
January 25, 2005	8.0	8.2	(1)	7.9	2.0	4.2	4.8	3.5	5.4

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

May 5, 2005

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
Phone 970.484.0359  
Fax 970.484.0454  
www.terracon.com

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
July 7, 2004	7.3	4.6	(1)	6.2	1.3	3.7	4.4	3.3	4.7
August 23, 2004	7.2	4.6	(1)	5.2	1.9	3.9	3.6	3.1	4.5
November 9, 2004	7.9	6.9	(1)	7.2	2.1	3.9	4.5	3.0	4.8
January 25, 2005	8.0	8.2	(1)	7.9	2.0	4.2	4.8	3.5	5.4
April 12, 2005	7.5	8.3	(1)	7.3	2.4	4.5	4.4	3.9	5.4
May 5, 2005	7.0	7.4	(1)	6.3	1.1	3.9	4.4	3.6	5.0

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

CRJ #2052030

File: test.

May 19, 2005

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**  
Consulting Engineers & Scientists

301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
Phone 970.484.0359  
Fax 970.484.0454  
www.terracon.com

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
August 23, 2004	7.2	4.6	(1)	5.2	1.9	3.9	3.6	3.1	4.5
November 9, 2004	7.9	6.9	(1)	7.2	2.1	3.9	4.5	3.0	4.8
January 25, 2005	8.0	8.2	(1)	7.9	2.0	4.2	4.8	3.5	5.4
April 12, 2005	7.5	8.3	(1)	7.3	2.4	4.5	4.4	3.9	5.4
May 5, 2005	7.0	7.4	(1)	6.3	1.1	3.9	4.4	3.6	5.0
May 19, 2005	6.5	6.9	(1)	6.7	1.2	3.6	4.1	3.7	4.5

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

  
7/20/25



CRI - # 2052032  
File: K-A

June 17, 2005

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

**Terracon**  
Consulting Engineers & Scientists

301 North Howes • P.O. Box 503  
Fort Collins, Colorado 80521-0503  
Phone 970.484.0359  
Fax 970.484.0454  
www.terracon.com

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
November 9, 2004	7.9	6.9	(1)	7.2	2.1	3.9	4.5	3.0	4.8
January 25, 2005	8.0	8.2	(1)	7.9	2.0	4.2	4.8	3.5	5.4
April 12, 2005	7.5	8.3	(1)	7.3	2.4	4.5	4.4	3.9	5.4
May 5, 2005	7.0	7.4	(1)	6.3	1.1	3.9	4.4	3.6	5.0
May 19, 2005	6.5	6.9	(1)	6.7	1.2	3.6	4.1	3.7	4.5
June 16, 2005	5.8	5.5	(1)	5.8	.8	3.5	3.8	3.3	3.9

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

WHL  
6/20/05

July 21, 2005

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
January 25, 2005	8.0	8.2	(1)	7.9	2.0	4.2	4.8	3.5	5.4
April 12, 2005	7.5	8.3	(1)	7.3	2.4	4.5	4.4	3.9	5.4
May 5, 2005	7.0	7.4	(1)	6.3	1.1	3.9	4.4	3.6	5.0
May 19, 2005	6.5	6.9	(1)	6.7	1.2	3.6	4.1	3.7	4.5
June 16, 2005	5.8	5.5	(1)	5.8	.8	3.5	3.8	3.3	3.9
July 20, 2005	6.1	4.2	(1)	5.0	1.1	3.2	4.4	3.1	3.5

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

August 8, 2005

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
April 12, 2005	7.5	8.3	(1)	7.3	2.4	4.5	4.4	3.9	5.4
May 5, 2005	7.0	7.4	(1)	6.3	1.1	3.9	4.4	3.6	5.0
May 19, 2005	6.5	6.9	(1)	6.7	1.2	3.6	4.1	3.7	4.5
June 16, 2005	5.8	5.5	(1)	5.8	.8	3.5	3.8	3.3	3.9
July 20, 2005	6.1	4.2	(1)	5.0	1.1	3.2	4.4	3.1	3.5
August 5, 2005	6.1	1.4	(1)	5.3	1.3	3.4	4.4	2.9	4.3

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**



David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

WTR -  
8/10/05

October 5, 2005



Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

Terracon Consultants, Inc.  
301 North Howes  
Fort Collins, Colorado 80521  
Phone 970.484.0359  
Fax 970.484.0454  
www.terracon.com

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
May 5, 2005	7.0	7.4	(1)	6.3	1.1	3.9	4.4	3.6	5.0
May 19, 2005	6.5	6.9	(1)	6.7	1.2	3.6	4.1	3.7	4.5
June 16, 2005	5.8	5.5	(1)	5.8	.8	3.5	3.8	3.3	3.9
July 20, 2005	6.1	4.2	(1)	5.0	1.1	3.2	4.4	3.1	3.5
August 5, 2005	6.1	1.4	(1)	5.3	1.3	3.4	4.4	2.9	4.3
October 5, 2005	6.0	6.8	(1)	6.6	1.7	3.8	4.5	2.8	4.6

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004, therefore, no groundwater measurement was obtained.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
Tuttle-Applegate, Inc. (1): Mr. William Schenderlein

November 13, 2006

Connell Resources, Inc.  
4305 East Harmony Road  
Fort Collins, Colorado 80525

COPY

Attn: Mr. William Welch

**Re: Proposed Timnath – Connell Pit  
Bi-Monthly Groundwater Monitoring Episodes  
Terracon Project No. 20985110**

Dear Mr. Welch,

On April 7, April 8, and October 4, 1999, Terracon installed nine piezometers for the above referenced project as requested for purposes of monitoring the groundwater levels during the mining and extraction operations. Terracon has been requested to monitor the groundwater levels on a bi-monthly basis until further notice. Piezometer Nos. 1 and 2 were damaged in the spring of 2001 and were reinstalled on January 25, 2002. Piezometer No. 3 was destroyed in the summer of 2004 and was reinstalled on November 17, 2005. The following table shows the depth of where groundwater was measured from the ground surface elevations for Piezometer Nos. 2 through 9, for the six most current monitoring episodes. Beginning on April 17, 2003, Piezometer No. 1 was measured from top of pipe due to grading operations that were performed in this area of the site.

Monitoring Dates	Depth of Groundwater Below Ground Surface (ft)								
	1	2	3	4	5	6	7	8	9
August 5, 2005	6.1	1.4	(1)	5.3	1.3	3.4	4.4	2.9	4.3
October 5, 2005	6.0	6.8	(1)	6.6	1.7	3.8	4.5	2.8	4.6
November 30, 2005	6.0	7.2	5.3 (2)	7.3	2.0	3.9	4.9	2.8	5.0
March 6, 2006	6.0	7.9	4.9 (2)	7.8	1.7	3.5	4.5	3.2	4.2
November 6, 2006	6.0	6.7	4.2	8.0	1.3	4.0	5.0	3.0	5.0

(1) Piezometer No. 3 was buried during road construction operations when observed on July 7, 2004; therefore, no groundwater measurement was obtained.

(2) Piezometer No. 3 was reinstalled on November 17, 2005.

Terracon will continue to monitor the piezometers indefinitely until further notice as requested. If you have any questions or require further information, please feel free to contact us at your convenience.

Sincerely,  
**TERRACON**

David A. Richer, P.E.  
Geotechnical Engineer/Department Manager

Copies to: Addressee (3)  
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