

Cazier - DNR, Tim <tim.cazier@state.co.us>

GCC GW Monitoring and Well Plugging Reports

bhodgson@gcc.com <bhodgson@gcc.com>

To: "Cazier - DNR, Tim" <tim.cazier@state.co.us>

Wed, Apr 17, 2013 at 2:42 PM

Tim,

I have attached a letter transmitting a report of our 1st semi-annual attempt to collect groundwater from MW-005 (it was dry) and copies of Well Abandonment Reports for MW-001A, MW-002, MW-003 and MW-004.

Please let me know if you have any questions about these reports.

Barbara T. Hodgson Environmental Manager

GCC Rio Grande 3372 Lime Road Pueblo, Colorado 81004 Office: (719) 647-6829 Cell: (720) 231-0364 bhodgson@gcc.com

GCC 2013 1st SemiAnnual GW Monitoring Report and GW Monitoring Well Plug Report.pdf



April 17, 2013

<u>Via Email</u>

Tim Cazier Colorado Division of Reclamation, Mining and Safety Department of Natural Resources 1313 Sherman St. Room 215 Denver, Colorado 80203

RE: Regular 112 Operations Mining Permit No. M-2002-004, TR-03 GCC Rio Grande, Inc. – Pueblo Cement Plant and Limestone Quarry, Pueblo, Colorado Semi-Annual Groundwater Level Report (MW-005) and Well Abandonment Reports (MW-001A, MW-002, MW-003 and MW-004)

Dear Mr. Cazier:

In accordance with TR- 03 of the referenced permit, GCC Rio Grande, Inc. (GCC) is hereby reporting that an attempt to collect groundwater samples from MW-005 was made on April 13, 2013. The well was found to be dry at that time. A copy of a report prepared by Contour Engineering documenting its attempt to collect the samples is attached to this letter.

In addition, I am enclosing copies of Well Abandonment Reports filed with the Office of the State Engineer on April 16, 2013. These reports document the proper plugging and abandonment of MW-001A, MW-002, MW-003 and MW-004 in accordance with TR No. 3. These wells were plugged and sealed on April 12, 2013 by Contour Engineering.

Please contact me if you have any questions about this submission.

Sincerely,

Barbara Hodgson Environmental Manager Office: (719) 647-6829 bhodgson@gcc.com

GCC Rio Grande, Inc. • Pueblo Plant 3372 Lime Road • Pueblo, CO 81004 (719) 647-6800 • Fax (719) 647-6899

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GWS-09 821 Cer	tennial Bldg., 1313 Sherma	E OF THE STATE ENGINEER an St., Denver, CO 80203 <u>dwrpermitsonline@state.co.us</u>	For Offi	ice Use Only
Use to report plugging a computer generated, ty reverse side of form.	WELL ABANDONN and sealing of permitted wells, mo bed or printed in black or blue ink.	IENT REPORT nitoring and other holes. This form can be Instructions and plugging standards are on		
	ber of the well being plu MH Hole I			
Individual/Company	y responsible for plugging a	and sealing the well:		
Name(s) Contour C	consulting Engineering, Ilc	1 14		
Mailing Address P.C). Box 984			
City, St., Zip Kittred	ge, CO 80457			
Phone (area code & i	ιο.) <u>303 918 9422</u> Er	nail:_jgill@contour-consulting.com		
Well (Hole) Owner:	e e			
NAME(S) GCC RIO	GRANDE, INC.	Phone (include	e area code	e) (719) 647-6829
Mailing Address, City	, St., Zip <u>3372 Lime Road,</u>	Pueblo, Colorado 81004		,
ACTUAL WELL LOC	ATION: County Pueblo			
	y, St, Zip <u>3372 Lime Road,</u>			
<u>SE</u> 1/4 of the <u>SE</u>	1/4, Sec. <u>13</u> , Twp. <u>22.0</u>	□ N. or S., Range <u>65.0</u>	or 🗵 W	<u>r., 6th</u> P.M.
Distance from Section Lines 4650 Ft. from 🕱 N. or 🔲 S., 1160 Ft. from 🕅 E. or 🔲 W. Line.				
		Lot, Block, Fil		
		nat. You must check GPS unit for required se , Units must be meters; Datum must be N		
	Northing 422			
I (we) report the existi	ng well (hole) was plugged ar	nd sealed on the date of $\frac{04/12/2013}{2013}$		for the following reason(s):
		nder Well Permit Number		
	n use and was plugged and se			
Other (please expl	ain)			
The well was plugged Amount and Type		laced at the indicated intervals: Method of Placement		Interval
portland cement gr	out	tremie	from <u>1</u>	05 feet to <u>3</u> feet
silty clay soils	1997 K	hand	from	3 feet to 0 feet
e.			from	feet to feet
Intervals of casing	removed/ripped in feet		from	feet tofeet
Report must be signed or name entered by person who performed the well plugging work or by the well owner if this person is unknown or not reachable. I (we) have read the statements made herein, know the contents thereof, and that they are true to my (our) knowledge.				
Sign or enter full name	2	If signing print name & title		Date (mm/dd/yyyyy)
James D. Gill, PE				04/16/2013
It is the responsibilit	y of the well owner to have tifying the owner of this red	the well/hole properly plugged and seale	d. The W	ell Construction Contractor

GWS-09 821 Centennial Bldg., 1313 She	FICE OF THE STATE ENGINEER erman St., Denver, CO 80203 3589 <u>dwrpermitsonline@state.co.us</u>	For Office Use Only		
WELL ABANDO Use to report plugging and sealing of permitted wells computer generated, typed or printed in black or blue reverse side of form.	NMENT REPORT , monitoring and other holes. This form can be ink. Instructions and plugging standards are on			
Well Permit Number of the well being MH File Number MH Ho				
Individual/Company responsible for pluggi	ng and sealing the well:			
Name(s) Contour Consulting Engineering,	llc			
Mailing Address P.O. Box 984				
City, St., Zip Kittredge, CO 80457				
Phone (area code & no.) <u>303 918 9422</u>	_Email: jgill@contour-consulting.com			
Well (Hole) Owner:				
NAME(S) GCC RIO GRANDE, INC.	Phone (includ	le area code)_(719) 647-6829		
Mailing Address, City, St., Zip 3372 Lime Roa	ad, Pueblo, Colorado 81004			
ACTUAL WELL LOCATION: County Pueblo				
Property Address, City, St, Zip_3372 Lime Roa	ad, Pueblo, Colorado 81004			
<u>SE</u> 1/4 of the <u>NW</u> 1/4, Sec. <u>12</u> , Twp. <u>22.</u>	0_	. or 💌 W., <u>6th</u> P.M.		
Distance from Section Lines 2130 Ft. from	N. or 🔲 S., <u>2880</u> Ft. from 🕱 E. or	W. Line.		
Subdivision Name Lot, Block, Filing/Unit				
Optional: GPS well location information in UTM	format. You must check GPS unit for required se	ettings as follows:		
Easting 533542 Northing	13 ाः; Units must be meters; Datum must be №	NAD83; Unit must be set to true north.		
I (we) report the existing well (hole) was plugged	d and sealed on the date of	for the following reason(s):		
The well was not in use and was plugged an				
The well was plugged with the following materia Amount and Type of Material	Is placed at the indicated intervals: Method of Placement	Interval		
portland cement grout	pour	from <u>14</u> feet to <u>3</u> feet		
silty clay soils	hand	from <u>3</u> feet to <u>0</u> feet		
		from feet to feet		
Intervals of casing removed/ripped in fe	et	from feet to feet		
Report <u>must</u> be signed or name entered by pers not reachable. I (we) have read the statements	on who performed the well plugging work or by the made herein, know the contents thereof, and that	ne well owner if this person is unknown or t they are true to my (our) knowledge.		
Sign or enter full name	If signing print name & title	Date (mm/dd/yyyyy)		
James D. Gill, PE		0.1/10/00.10		
		04/16/2013		

Form No.	STATE OF COLORADO, OFFICE		For Office Use Only	
GWS-09 4/2012	821 Centennial Bldg., 1313 Shermar (303) 866-3581 Fax (303) 866-3589			
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computer ge reverse side	rt plugging and sealing of permitted wells, moni enerated, typed or printed in black or blue ink. e of form.	toring and other holes. This form can be nstructions and plugging standards are on		
Well Per	mit Number of the well being plug	lged250978or		
	Number MH Hole ID		-	
Individual	/Company responsible for plugging ar	nd sealing the well:	-	
Name(s)	Contour Consulting Engineering, Ilc	X		
Mailing Ad	dress P.O. Box 984			
City, St., Z	ip Kittredge, CO 80457			
Phone (are	ea code & no.) <u>303 918 9422</u> Ema	ail: jgill@contour-consulting.com		
Well (Hole	e) Owner:			
NAME(S)	GCC RIO GRANDE, INC.	Phone (include	e area code <u>) (</u> 719) 647-6829	
Mailing Ad	dress, City, St., Zip <u>3372 Lime Road, P</u>	ueblo, Colorado 81004		
ACTUAL V	VELL LOCATION: County Pueblo			
Property A	ddress, City, St, Zip <u>3372 Lime Road, P</u>	ueblo, Colorado 81004		
<u>SW</u> 1/4 c	of the <u>NE</u> 1/4, Sec. <u>12</u> , Twp. <u>22.0</u>	□ N. or ⊠ S., Range <u>65.0</u> □ E.	or 🗵 W., <u>6th</u> P.M.	
Distance fr	om Section Lines <u>1700</u> Ft. from 🗵	N. or 🔲 S., <u>1855</u> Ft. from 🕅 E. or	🔲 W. Line.	
		Lot, Block, Fili		
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Easting 5			IAD83; Unit must be set to true north.	
	rt the existing well (hole) was plugged and		for the fall wine and the	
		er Well Permit Number	for the following reason(s):	
	I was not in use and was plugged and sea			
The well wa	as plugged with the following materials pla	ced at the indicated intervals:		
Amount a	and Type of Material	Method of Placement	Interval	
_portland o	cement grout	pour	from <u>15</u> feet to <u>3</u> feet	
silty clay	soils	hand	from <u>3</u> feet to <u>0</u> feet	
			from feet to feet	
Intervals	of casing removed/ripped in feet		from feet to feet	
Report <u>must</u> be signed or name entered by person who performed the well plugging work or by the well owner if this person is unknown or not reachable. I (we) have read the statements made herein, know the contents thereof, and that they are true to my (our) knowledge.				
Sign or ente	er full name	If signing print name & title	Date (mm/dd/yyyyy)	
James D	. Gill, PE		04/16/2013	
It is the rea		a and a set of the set of the	ed. The Well Construction Contractor	

Form No. GWS-09 4/2012	WS-09 821 Centennial Bldg., 1313 Sherman St., Denver, CO 80203		
Use to repo computer g reverse side	WELL ABANDONN rt plugging and sealing of permitted wells, mo enerated, typed or printed in black or blue ink. e of form.	nitoring and other holes. This form can be	
	mit Number of the well being plu Number MH Hole I		
Individua	/Company responsible for plugging a	nd sealing the well:	-
Name(s)	Contour Consulting Engineering, Ilc		
Mailing Ad	dress P.O. Box 984		
City, St., Z	ip Kittredge, CO 80457		
Phone (are	ea code & no.) <u>303</u> 918 9422 En	nail: jgill@contour-consulting.com	
Well (Hol	e) Owner:		
NAME(S)	GCC RIO GRANDE, INC.	Phone (include	e area code)_(719) 647-6829
Mailing Ad	dress, City, St., Zip <u>3372 Lime Road, I</u>	Pueblo, Colorado 81004	
ACTUAL V	VELL LOCATION: County Pueblo		
57 3523	ddress, City, St, Zip <u>3372 Lime Road,</u>		
<u>NW</u> 1/4 o	of the <u>NE</u> 1/4, Sec. <u>12</u> , Twp. <u>22.0</u>	□ N. or I S., Range <u>65.0</u> □ E.	or 🗷 W., <u>6th</u> P.M.
		N. or 🔲 S., <u>1425</u> Ft. from 🖾 E. or	
		Lot, Block, Fili	
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	rt the existing well (hole) was plugged an		for the following reason(s):
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/	I was not in use and was plugged and se		
Other (p	lease explain)		
	as plugged with the following materials p ind Type of Material	aced at the indicated intervals: Method of Placement	Interval
<u>portland</u>	cement grout	pour	from <u>15</u> feet to <u>3</u> feet
silty clay	soils	hand	from <u>3</u> feet to <u>0</u> feet
			from feet to feet
Intervals	of casing removed/ripped in feet		from feet to feet
Report <u>mus</u> not reachal	<u>at</u> be signed or name entered by person v ble. I (we) have read the statements mad	who performed the well plugging work or by the le herein, know the contents thereof, and that	e well owner if this person is unknown or they are true to my (our) knowledge.
Sign or ente	er full name	If signing print name & title	Date (mm/dd/yyyyy)
James D.	Gill, PE		04/16/2013
It is the resis respons	sponsibility of the well owner to have ible for notifying the owner of this rec	the well/hole properly plugged and sealed uirement.	d. The Well Construction Contractor



P.O. Box 984, 26189 Highway 74 Kittredge, CO 80457 Phone: (303) 918-9422

E-mail: jgill@contour-consulting.com

MEMO

4/15/13

Barbara Hodgson GCC Pueblo Cement Plant 3372 Lime Road Pueblo, Colorado 81004

SUBJECT: Groundwater Monitoring at Monitor Well MW-005 (Semi-Annual)

Table of Monitor Well Water Levels

Date: Depth to Ground Water (FT) (from top of casing)

4-13-2013 DRY



James D. Gill, PE Geological Engineer Contour Consulting Engineering