

Julie Mikulas Regional Land Manager

October 25, 2022

Mr. Peter Hays Division of Reclamation, Mining and Safety 1313 Sherman Street, Room 215 Denver, CO 80203

RE: Riverbend West M-2000-016, Follow-up to inspection dated June 22, 2022

Dear Mr. Hays:

Please accept this letter as our written response to the item due 10/28/22.

CORRECTIVE ACTIONS: The Division will require the Operator to re-install the damaged monitoring wells and reinstitute monthly groundwater quantity monitoring in the wells by the corrective action date.

RESPONSE: Please see the attached reports. We added a different number for each so we can track elevation and pipe height above ground on our tables and will add notes into the annual tables so you know which ones correlate with the original wells.

Original Well #	Replacement Well #
NO03-MW03	NO-MW07
RI01-MW01	RI-MW12
RI01-MW02	RI-MW11
RI01-MW03	Mined out, not replaced, high voltage line overhead
RI01-MW06	NO-MW06
RI01-MW08	Still in place and data submitted annually

Please let me know if anything additional is needed at this time (970) 407-3631.

Sincerely,

Julie Mileulas

Julie Mikulas Regional Land Manager

Rocky Mountain Division – Northern Office 1800 N Taft Hill Road, Fort Collins, CO 80534 julie.mikulas@martinmarietta.com www.martinmarietta.com



**Division of Water Resources** 

Department of Natural Resources

#### WELL PERMIT NUMBER 328154-**RECEIPT NUMBER**

10023229

ORIGINAL PERMIT APPLICANT(S)	APPROVED WELL LOCATION					
MARTIN MARIETTA (DAVID BIEBER)	Water Division: 1 Designated Basin: Management District:	Water District: 2 N/A N/A				
	County: Parcel Name:	WELD N/A				
AUTHORIZED AGENT	Physical Address:	N/A				
BBA WATER CONSULTANTS (HEINTZ, DAVID)	NW 1/4 NE 1/4 Section	n 24 Township 1.0 N Range 67.0 W Sixth P.M.				
	UTM COORDINATES (	Meters, Zone: 13, NAD83)				
	Easting: 513736.0	Northing: 4432359.0				

## PERMIT TO CONSTRUCT A NEW WELL

#### ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT **CONDITIONS OF APPROVAL**

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a 2) variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-92-602(3)(b)(l) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to 3) monitoring water levels and/or water quality sampling. This well was acknowledged for construction and is known as NO-MW07.
- This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well. The 4) well must be kept capped and locked at all times except during sampling or measuring.
- Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the 5) Division of Water Resources upon request.
- Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well 6) Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- The owner shall mark the well in a conspicuous location with the well permit number and name of aquifer as appropriate, and 7) shall take necessary means and precautions to preserve these markings.
- This well must be constructed by or under the supervision of a licensed well driller or other authorized individual according to 8) the Water Well Construction Rules. If non-standard construction is anticipated, a variance request must be submitted in accordance with Rule 18 and approved prior to well construction.
- A Well Construction and Yield Estimate Report (Form GWS-31), including lithologic log must be submitted by the individual 9) authorized to construct the well. For non-standard construction, the report must include an as-built drawing showing details such as depth, casing, perforated zones, and a description of the grouting type and interval.
- This well shall be constructed not more than 200 feet from the location specified on this permit. 10)
- 11) ADVANCE NOTICE REQUIRED - Pursuant to Construction Rule 6.2.2.1 (2 CCR 402-2), licensed or private drillers, or authorized individuals must provide advance notification (by 11:59 pm the day before) to the State Engineer prior to the start of well construction. Any change in the date of construction must be re-noticed (by 11:59 pm the day before). Information regarding the notification process and a link to the electronic notification form can be found on the Division of Water Resources website at dwr.colorado.gov

NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aguifer, or a dewatering system for dewatering the aquifer.)

	V	VELL CONSTRU	CTION AND Y	IELD ESTIMA	TE REPORT		For (	Office Use O	Inly
Form No.	WELL CONSTRUCTION AND YIELD ESTIMATE REPORT State of Colorado, Office of the State Engineer								
GWS-31	1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581								
02/2017		dwr.colorado.g							
1. Well Permi	Number: 328154		Receipt I	Number:					
2. Owner's We	ell Designation:NO	-MW07							
3. Well Owner	Name:Martin Mar	letta							
4. Well Locati	on Street Address								
5. As Built GP	S Well Location (re	equired): 🗖 Ze	one 12 🗖 Zoi	ne 13 Eastin	g: 513736.3	Northing:	4432358.0		
6. Legal Well	Location: 1/	4,1/4,	Sec.,	Twp	N or S	, Range	E or	W 🗖 ,	P.M.
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	face Elevation:	fe							
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11. Geologic	and the second se				12. Hole Di				To (ft) 39
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3-37	Sand Gravels	Fine-Crs	Red Brown	X					
37-39	Silty Claystone	Fine	Red Brown		13. Plain Ca		Man (in)	Farme (ft)	To (ft)
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					14. Filter P		-	r Placemen	it:
					Material	Silica	Туре		
					Size	10-20			
					Interval	2-39	Depth		
					16. Groutin	g Record			
					Material	Amount	Density	Interval	Method
Remarks:					Bentonite Chip	os 1	50#/bag	0-2	Pour
17. Disinfecti					Amt. Use				
18. Well Yield	Estimate Data:		Check bo	ox if Test Dat	a is submitte	d on Form N	lumber GWS-39, 1	Well Yield T	est Report
Well Yield	Estimate Method:	•	Index and the second second		CALCULATION OF THE REAL		dart si and cantol contract and an		
Static Leve	el: <u>17</u>			Estimated Y	'ield (gpm)		•		
Date/Time	measured:	8/25/2022		Estimate Le	ngth (hrs)				
Remarks:			and the second	and the state of the	and an an an and the spectrum		di gante stapististe ausefählenis ä		
the second s	the statements made I	nerein and know t	he contents the	reof, and they	are true to my	knowledge. T	his document is sign	ed (or name e	entered if
filing online) and	certified in accordance	e with Rule 17.4	of the Water We	ell Construction	Rules, 2 CCR 4	102 2. The fili	ng of a document th	at contains fa	lse
statements is a v	iolation of section 37	91 108(1)(e), C.R.	S., and is punish	hable by fines u	p to \$1,000 and	d/or revocatio	n of the contracting	license. If fi	ling online
the State Engine	er considers the entry	of the licensed co	entractor's name	to be complia	nce with Rule 1	7.4.			
Company Name: Email: Phone w/area code: License Numb					mber:				
Authentic Drill			marc@auther	nticdrilling.c	om	(719)	232-5605	1510	
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	in the second second	-,	and the second second second second	s, Operation	s Manager				
Marc Haes	Marc Haes, Operations Manager 09/15/2022							4	



**Division of Water Resources** Department of Natural Resources

## WELL PERMIT NUMBER 328150-RECEIPT NUMBER

10023225

ORIGINAL PERMIT APPLICANT(S)	APPROVED WELL LOCATION					
MARTIN MARIETTA (DAVID BIEBER)	Water Division: 1	Water District: 2				
	<b>Designated Basin:</b>	N/A				
	Management District:	N/A WELD N/A				
	County:					
	Parcel Name:					
AUTHORIZED AGENT	Physical Address:	N/A				
BBA WATER CONSULTANTS (HEINTZ, DAVID)	SE 1/4 SW 1/4 Section 19 Township 1.0 N Range 66.0 W Sixth P.M.					
	UTM COORDINATES (	Meters, Zone: 13, NAD83)				
	Easting: 515281.0	Northing: 4431088.0				
PERMIT TO CONSTRUCT & NEW WELL						

## PERMIT TO CONSTRUCT A NEW WELL

### ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not 1) ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a 2) variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- Approved pursuant to CRS 37-92-602(3)(b)(I) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to 3) monitoring water levels and/or water quality sampling. This well was acknowledged for construction and is known as RI-MW12.
- This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well. The 4) well must be kept capped and locked at all times except during sampling or measuring.
- Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the 5) Division of Water Resources upon request.
- Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well 6) Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- The owner shall mark the well in a conspicuous location with the well permit number and name of aquifer as appropriate, and 7) shall take necessary means and precautions to preserve these markings.
- This well must be constructed by or under the supervision of a licensed well driller or other authorized individual according to 8) the Water Well Construction Rules. If non-standard construction is anticipated, a variance request must be submitted in accordance with Rule 18 and approved prior to well construction.
- A Well Construction and Yield Estimate Report (Form GWS-31), including lithologic log must be submitted by the individual 9) authorized to construct the well. For non-standard construction, the report must include an as-built drawing showing details such as depth, casing, perforated zones, and a description of the grouting type and interval.
- This well shall be constructed not more than 200 feet from the location specified on this permit. 10)
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NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aquifer, or a dewatering system for dewatering the aquifer.)

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Form No. GWS-31	State of Colorado, Office of the State Engineer								
	1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581								
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11. Geologic	and the second se				12. Hole Di		•	n (ft)	To (ft)
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4-43	Silty Sand, Gravel	Fine-Crs	Brown	×					
43-49	Siltstone	Fine	Gray Brown		13. Plain Ca	-			To (fb)
				L	OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)
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					2.37	PVC	.154	5	45
					14. Filter P		a que a la calcal	er Placemer	nt:
					Material	Silica	Туре		
					Size	10-20			
					Interval	4-49	Depth		
					16. Groutin	g Record			
ar de la constant de					Material	Amount	Density	Interval	Method
Remarks:	STORATION AND ADDRESS OF TRADES OF	and the second second second second	A Design of the second second second		Neat Cemen	t 4 gal	6gal/sak	0-1	pour
					Bentonite Chip	os 2 bg	50#/bag	1.4	pour
17. Disinfecti	ion: Type	an analysis in the case of the second			Amt. Used	d			
18. Well Yield	Estimate Data:	And the second se	Check bo	ox if Test Dat	a is submitte	d on Form N	lumber GWS-39,	Well Yield T	est Report
Well Yield	Estimate Method:								tine states a data a sub-
Static Leve	el: <u>29</u>			Estimated Y	'ield (gpm)				
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Remarks:								www.content.cont.cont	
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filing online) and	certified in accordance	e with Rule 17.4	of the Water We	ell Construction	Rules, 2 CCR 4	102 2. The fili	ng of a document i	hat contains fa	alse
statements is a v	violation of section 37 9	91 108(1)(e), C.R.	.S., and is punish	hable by fines u	p to \$1,000 and	d/or revocatio	n of the contractin	g license. If fi	ling online
the State Engine	er considers the entry	of the licensed co	ontractor's name	to be complia	nce with Rule 1	7.4.			
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the second second the Print second story in care	name if filing online	e)	Print Nam	e and Title				Date:	and a second
			Marc Haes	s, Operations	s Manager			00/21/202	2
Marc Haes 09/21/2022									



**Division of Water Resources Department of Natural Resources** 

#### WELL PERMIT NUMBER 328149-RECEIPT NUMBER

10023224

ORIGINAL PERMIT APPLICANT(S)	APPROVED WELL LOCATION					
MARTIN MARIETTA (DAVID BIEBER)	Water Division: 1	Water District: 2				
	<b>Designated Basin:</b>	N/A				
	Management District:	N/A				
	County:	WELD N/A				
	Parcel Name:					
AUTHORIZED AGENT	<b>Physical Address:</b>	N/A				
BBA WATER CONSULTANTS (HEINTZ, DAVID)	SW 1/4 SW 1/4 Sectio	n 19 Township 1.0 N Range 66.0 W Sixth P.M.				
	UTM COORDINATES (	Meters, Zone: 13, NAD83)				
	Easting: 514916.0	Northing: 4431079.0				

## PERMIT TO CONSTRUCT A NEW WELL

#### ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not 1) ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action. The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a 2) variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18. Approved pursuant to CRS 37-92-602(3)(b)(I) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to 3) monitoring water levels and/or water quality sampling. This well was acknowledged for construction and is known as RI-MW11. This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well. The 4) well must be kept capped and locked at all times except during sampling or measuring. Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the 5) Division of Water Resources upon request. Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well 6) Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging. The owner shall mark the well in a conspicuous location with the well permit number and name of aquifer as appropriate, and 7) shall take necessary means and precautions to preserve these markings. This well must be constructed by or under the supervision of a licensed well driller or other authorized individual according to 8) the Water Well Construction Rules. If non-standard construction is anticipated, a variance request must be submitted in accordance with Rule 18 and approved prior to well construction. A Well Construction and Yield Estimate Report (Form GWS-31), including lithologic log must be submitted by the individual 9) authorized to construct the well. For non-standard construction, the report must include an as-built drawing showing details such as depth, casing, perforated zones, and a description of the grouting type and interval. This well shall be constructed not more than 200 feet from the location specified on this permit. 10) ADVANCE NOTICE REQUIRED - Pursuant to Construction Rule 6.2.2.1 (2 CCR 402-2), licensed or private drillers, or authorized 11) individuals must provide advance notification (by 11:59 pm the day before) to the State Engineer prior to the start of well construction. Any change in the date of construction must be re-noticed (by 11:59 pm the day before). Information regarding the notification process and a link to the electronic notification form can be found on the Division of Water Resources website at dwr.colorado.gov NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aquifer, or a dewatering system

		WELL CONSTRU	CTION AND Y	EL D ESTIMA	TE DEDODT			For Office Use	Only
Form No.	WELL CONSTRUCTION AND YIELD ESTIMATE REPORT								
GWS-31	State of Colorado, Office of the State Engineer 1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581								
02/2017		dwr.colorado.g				191			
1. Well Permi	t Number: 328149		Receipt I	Number:	nadista dal de la casa	<b>nin-mistanistanis</b> ijai	and the second		
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0-6	Sandy Silt	Fine-Crs	Brown			water in the test pitch	-	water and the second	
6-32	Sand, Gravel	Fine-Crs	Red Brown	×	13. Plain Ca	daa			
43-49	Siltstone	Fine	Gray Brown		OD (in)	Kind	Wall Size	(in) From (ft)	To (ft)
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filing online) and	certified in accordance	ce with Rule 17.4	of the Water We	ell Construction	Rules, 2 CCR 4	02 2. The fill	ng of a docur	ment that contains	false
statements is a v	violation of section 37	91 108(1)(e), C.R.	.S., and is punish	hable by fines u	up to \$1,000 and	i/or revocatio	n of the cont	tracting license. If	filing online
the State Engine	er considers the entry	of the licensed co	ontractor's name	to be complia	nce with Rule 1	7.4.			
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Authentic Drit			marc@auther	nticdrilling.c	om	(719	) 232-5605	1510	
Mailing Addres	is:			and the first faile of the first section					
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Marc Haes			Marc Hae	s, Operation	s Manager			09/21/20	22
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Division of Water Resources Department of Natural Resources

# WELL PERMIT NUMBER 328153-RECEIPT NUMBER 10023228

ORIGINAL PERMIT APPLICANT(S)	APPROVED WELL LOCATION					
MARTIN MARIETTA (DAVID BIEBER)	Water Division: 1 Designated Basir Management Dis County: Parcel Name:	: N/A				
AUTHORIZED AGENT	Physical Address: N/A					
BBA WATER CONSULTANTS (HEINTZ, DAVID)		ection 24 Township 1.0 N Range 67.0 W Sixth P.M. <u>'ES (Meters, Zone: 13, NAD83)</u>				
	Easting: 514	12.0 Northing: 4432248.0				
PERMIT TO CONSTRUCT A NEW WELL						

### ISSUANCE OF THIS PERMIT DOES NOT CONFER A WATER RIGHT CONDITIONS OF APPROVAL

- 1) This well shall be used in such a way as to cause no material injury to existing water rights. The issuance of this permit does not ensure that no injury will occur to another vested water right or preclude another owner of a vested water right from seeking relief in a civil court action.
- 2) The construction of this well shall be in compliance with the Water Well Construction Rules 2 CCR 402-2, unless approval of a variance has been granted by the State Board of Examiners of Water Well Construction and Pump Installation Contractors in accordance with Rule 18.
- 3) Approved pursuant to CRS 37-92-602(3)(b)(I) for uses as described in CRS 37-92-602(1)(f). Use of this well is limited to monitoring water levels and/or water quality sampling. This well was acknowledged for construction and is known as NO-MW06.
- 4) This well must be equipped with a locking cap or seal to prevent well contamination or possible hazards as an open well. The well must be kept capped and locked at all times except during sampling or measuring.
- 5) Records of water level measurements and water quality analyses shall be maintained by the well owner and submitted to the Division of Water Resources upon request.
- 6) Upon conclusion of the monitoring program the well owner shall plug this well in accordance with Rule 16 of the Water Well Construction Rules. A Well Abandonment Report must be completed and submitted to the Division of Water Resources within 60 days of plugging.
- 7) The owner shall mark the well in a conspicuous location with the well permit number and name of aquifer as appropriate, and shall take necessary means and precautions to preserve these markings.
- 8) This well must be constructed by or under the supervision of a licensed well driller or other authorized individual according to the Water Well Construction Rules. If non-standard construction is anticipated, a variance request must be submitted in accordance with Rule 18 and approved prior to well construction.
- 9) A Well Construction and Yield Estimate Report (Form GWS-31), including lithologic log must be submitted by the individual authorized to construct the well. For non-standard construction, the report must include an as-built drawing showing details such as depth, casing, perforated zones, and a description of the grouting type and interval.
- 10) This well shall be constructed not more than 200 feet from the location specified on this permit.
- 11) ADVANCE NOTICE REQUIRED Pursuant to Construction Rule 6.2.2.1 (2 CCR 402-2), licensed or private drillers, or authorized individuals must provide advance notification (by 11:59 pm the day before) to the State Engineer prior to the start of well construction. Any change in the date of construction must be re-noticed (by 11:59 pm the day before). Information regarding the notification process and a link to the electronic notification form can be found on the Division of Water Resources website at dwr.colorado.gov

NOTE: Issuance of this permit does not guarantee that this well can be converted to a production well under a future permit. Additionally, pursuant to Rule 14.2 of the Water Well Construction Rules (2 CCR 402-2), monitoring holes constructed pursuant to a monitoring hole notice shall not be converted to a production well. (Upon obtaining a permit from the State Engineer, a monitoring hole may be converted to a monitoring well, recovery well for remediation of the aquifer, or a dewatering system for dewatering the aquifer.)

Form No.	WELL CONSTRUCTION AND YIELD ESTIMATE REPORT							For Office Use	Only
GWS-31	State of Colorado, Office of the State Engineer								
02/2017	1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581 dwr.colorado.gov and dwrpermitsonline@state.co.us								
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Marc Haes							09/15/20	144	