October 29th, 2024

Mr. Lucas West Environmental Protection Specialist Colorado Division of Reclamation Mining and Safety 101 3<sup>rd</sup> Street Grand Junction, CO 81501

## Subject: TR-17 Adequacy Review Response - 2 DRMS Permit No. M-2012-032 Revenue Mine, Ouray County, Colorado

Dear Mr. West,

Below is an additional response pertaining to question #1 from adequacy review #2 for technical revision 17 to DRMS Permit No. M-2012-032.

1. Attached are the returned permit applications for GW-4A and GW-4B with receipt numbers along with the receipt for payment of the monitoring well permits.

Thank you for your attention to this additional data to our adequacy review response.

Sincerely,

Chris Skerik Chief Operating Officer Thorin Resources cskerik@thorinresources.com

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Attachment A – Ground Water Monitoring Well 4A & 4B Permit App Receipt

COLORADO DIVISION OF WATER RESOURCES					Office Use Only			Form	GWS-46	6 (01/2020)	
DEPARTMENT OF NATURAL RESOURCES 1313 SHERMAN ST., Ste 821, DENVER CO 80203							L				
Phone: (303) 866-3581 <u>dwrpermitsonline@state.co.us</u>											
MONITORING/OBSERVATION											
Water Well Permit Application											
Review instructions on reverse side prior to completing form											
The form must be typed, completed online or in black or blue ink.  Well Owner Information											
1. Well Owner Information Name of well owner						6. Use Of Well					
						Use of this well is limited to monitoring water levels					
Thorin Resources LLC						and/or water qu			my w	ater i	evels
Mailing address					•						
Po Box 1030						7. Well Data (proposed)       Total depth     Aquifer					
City		Sta	ate	Zip code			feet				
Ouray		Co	<b>b</b>	81427		7.5		Alluvial			
Telephone #			E-Mail (If	filing online i	is required)	8. Consultant In	formation (i	f applicat	ole)		
9703162294			cjdicke	erson@t	horinresources.co	Name of contact person					
2. Type Of A	Applicati	on (che	ck appli	icable b	oxes)						
Use existing	well	🗌 Rep	acement	t for existi	ng monitoring well:	Company name					
Construct n		Per	nit no.:								
Other:						Mailing address					
3. Refer To	(if applica	able)						•			
Monitoring hole ack	nowledgment		Well name	e or #		City		State	Z	Zip Code	
MH-			GW-4	A							
	Of Propo	osed W	ell (Imp	ortant!	See Instructions)	Telephone #					
County				1/4 of t	ne NE 1/4	0. Drop and Wall Driller License #/antionally					
Ouray <u>NW 1/4 of the</u> <u>NE 1/4</u>					9. Proposed Well Driller License #(optional): 10. Name of Well Owner or Authorized Agent						
0	<b>T</b> 11	N 0				10 Name of We	II Owner or	Authoriza	od Aa	ont	
Section	Township	N or S	Range	E or W	Principal Meridian						esecond
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# **MONITORING/OBSERVATION WELL PERMIT APPLICATION INSTRUCTIONS**

Applications must be computer generated on-line, typewritten or printed in BLACK or BLUE INK. ALL ITEMS in the application must be completed. Incomplete applications may be returned for more information. Applications are evaluated in chronological order. Please allow approximately six weeks for processing. This form may be reproduced by photocopying or computer generation. Reproductions must retain margins and print quality of the original form. If filing online, see online filing instructions for further information. You may also save, print, scan and email the completed form to: <a href="http://dwrpermitsonline@state.co.us">dwrpermitsonline@state.co.us</a>

<u>FEES</u>: This application must be submitted with a \$100 filing fee. (The fee for an application to replace or deepen an existing permitted monitoring/observation well is \$100 for locations outside Designated Ground Water Basins, and \$60 inside Designated Ground Water Basins.) Fees are nonrefundable. Please visit our website (<u>dwr.colorado.gov</u>) for acceptable payment information or contact DWR at (303) 866-3581.

<u>USES</u>: This form (GWS-46) is to be used when applying for a permit where the only uses are monitoring of water levels and/or water quality sampling. For well construction criteria refer to the Colorado Water Well Construction Rules, 2CCR 402-2. A copy of the Rules may be obtained from any Division of Water Resources Office for a fee of \$5, or you may access them online on our website (<u>dwr.colorado.gov</u>)

### **ITEM INSTRUCTIONS:** (numbers correspond with those on the front of this form)

- 1. Provide the name of the well owner and the mailing address where all correspondence will be sent.
- 2. Check and complete all boxes that apply.
- 3. Provide the MH number assigned by the Division of Water Resources in response to the notice of intent to construct a monitoring/observation well. Complete the well name if the structure has a name or identifying number.
- 4. If applying for a permit to construct a new well, you <u>must</u> provide the county, section #, township, range and principal meridian. You do not need to provide the ¼ of the ¼ section designation, distances from section lines or an optional GPS location (UTM coordinates). If a permit is issued and a well constructed, the authorized individual will be required to provide an accurate GPS location (UTM coordinates) of the "as-built" well location. If applying for a permit to use an existing well you <u>must</u> provide the well location information stated above, as well as either a GPS location (UTM coordinates) of the existing well site, or distances from section lines (including the ¼ of the ¼ section designation) as follows: In a typical case, a township is comprised of 36 sections, with each section ideally one mile square, or 5,280 feet on each side. Sections are further divided into quarter sections. Each ¼ Section is 2,640 feet by 2,640 feet and comprises 160 acres. Each ¼ section can be further divided into additional quarters. Each ¼ of the ¼ Section is 1,320 feet by 1,320 feet and comprises 40 acres. The distances are measured from the section lines. In the following example, the well is located 2,500 feet from the South Section line and 1,400 feet from the East Section line:



Well Location Example: NW1/4 of the SE1/4 of Section 3, being 2500 feet from the South Section Line and 1400 feet from the East Section Line.

If providing a GPS location (UTM coordinates), the required GPS unit settings must be as indicated on this form. Colorado contains two UTM zones (12 & 13). Zone 13 covers most of Colorado. The boundary between Zone 12 and Zone 13 is the 108<sup>th</sup> Meridian (longitude). West of the 108<sup>th</sup> Meridian is UTM Zone 12 and east of the 108<sup>th</sup> Meridian is UTM Zone 13. The 108<sup>th</sup> Meridian is approximately 57 miles east of the Colorado-Utah state line. On most GPS units, the UTM zone is given as part of the Easting measurement, e.g. 12T0123456. Check the appropriate box for the zone. Provide the property address of the well location if one exists. If it is the same as the mailing address, check the box next to the well location address.

- 5. Provide property owner information.
- 6. Use of this well is limited to monitoring water levels and/or water quality sampling only.
- 7. The actual or anticipated total depth must be provided. Provide the name of the aquifer in which the well will be completed.
- 8. Provide consultant information (if applicable). Note: A consultant may sign this application on behalf of their client.
- 9. Monitoring/observation wells must be constructed by a Colorado licensed well construction contractor or authorized individual, as defined in the Well Construction Rules, 2CCR 402-2. Only a licensed contractor may construct any monitoring/observation well that penetrates a confining layer, or, is to be converted into a future production well. The well must be constructed in compliance with the Well Construction Rules, unless a variance has been approved allowing an alternative construction design.
- 10. The individual signing the application or entering their name (and title if applicable) must be the applicant or an officer of the corporation/company/ agency identified as the applicant, their attorney or consultant. An authorized agent may also sign the application, if a letter signed by the applicant or their attorney is submitted with the application authorizing that agent to sign or enter their name on the applicant's behalf. Payment must be received via phone, fax or mail prior to processing the application. If filing online please call the Records Section at 303.866.3581 to pay via credit card. IF YOU HAVE ANY QUESTIONS regarding any item on the application form, please call the Division of Water Resources Ground Water Information Desk (303-866-3587), or the nearest Division of Water Resources Field Office located in Greeley (970-352-8712), Pueblo (719-542-3368), Alamosa (719-589-6683), Montrose (970-249-6622), Glenwood Springs (970-945-5665), Steamboat Springs (970-879-0272), or Durango (970-247-1845), or refer to the CDWR web site at <u>dwr.colorado.gov</u> for general information.

COLORADO DIVISION OF WATER RESOURCES					Office Use Only			Form G	WS-46 (01/2020)	
DEPARTMENT OF NATURAL RESOURCES 1313 SHERMAN ST., Ste 821, DENVER CO 80203							L			
Phone: (303) 866-3581 <u>dwrpermitsonline@state.co.us</u>										
MONITORING/OBSERVATION										
Water Well Permit Application										
Review instructions on reverse side prior to completing form.										
The form must be typed, completed online or in black or blue ink.										
1. Well Owner Information						6. Use Of Well				
								•		
Thorin Resources LLC						Use of this well and/or water qu			ing wa	ater levels
Mailing address					anu/or water qu	anty sampi	ng			
Po Box 1030				7. Well Data (proposed)						
City		Sta	te	Zip code		Total depth		Aquifer		
Ouray		Co		81427		10	feet	Alluvial		
Telephone #				filing online it	is required)	8. Consultant In	formation (i	f applicab	le)	
9703162294					horinresources.co	Name of contact person				
2. Type Of		n (che	-							
	••	•			,	Company name				
Use existing	-			tor existii	ng monitoring well:					
Other:		Perr	nit no.:			Mailing address				
3. Refer To	(if applica	ble)								
Monitoring hole ack	<u>\</u>		Well name	e or #		City		State	Zip	o Code
MH-			GW-4	В						
<b>4. Location</b>	Of Propo	osed W	ell (Imp	ortant!	See Instructions)	Telephone #				
-			NW	1/4 of th	ne NE 1/4	9 Proposed We	ll Driller Lic	ense #(o)	ntional	).
Ouray Section	Township	N or S	Range	E or W	Principal Meridian	9. Proposed Well Driller License #(optional): 10. Name of Well Owner or Authorized Agent				
	·	×	-			The making of false s				
21	43		8		New Mexico	degree, which is puni	shable as a cla	ss 1 misdem	neanor p	ursuant to C.R.S.
Distance of well from	n section lines (s	section lines a	are typically	not property	lines)	24-4-104 (13)(a). I hat thereof and state that				ow the contents
1100	Ft. from	N 🗙 S	3165		Ft. from 🗌 E 🗷 W	Sign or enter full name here		-		Date (mm/dd/yyyy)
For replacement we	lls only – distand			well to new w	vell	Chris 3	Skerik			10/24/2024
		feet			direction	If signing print name. Print ti	itle if other than land	owner.		
Well location addres			Check i	f well addres	s is same as Item 1.	Chris Skerik, COO				
		1416 CR 26 Ouray, Co 81427								
<b>Optional:</b> GPS well location information in UTM format You must check GPS unit for required settings as follows:						Office Use Only				
You must check (						-		DWR man no		Surface elev
You must check	GPS unit for re					USGS map name		DWR map no		Surface elev.
	GPS unit for re M		ings as fol	llows:	20	-	Receipt area			Surface elev.
Format must be UTI	GPS unit for re M one 13		ings as fol		2	-	Receipt area			Surface elev.
Format must be UT	GPS unit for re M one 13 rs		Eastin	llows:		-	•			Surface elev.
Format must be UTI	GPS unit for re M one 13 rs D83		ings as fol Eastin Northi	llows: g <u>25867</u> ng <u>42066</u>	513	-	•	only		Surface elev.
Format must be UTT Zone 12 or I Zo Units must be Meter Datum must be NA Unit must be set to t Was GPS unit check	GPS unit for re M one 13 rs .D83 true north ked for above?	equired set	Eastin Northin	llows: g <u>25867</u> ng <u>42066</u>		-	•	only		Surface elev.
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Format must be UTI Zone 12 or Zo Units must be Meter Datum must be NA Unit must be set to t Was GPS unit check <b>5. Property</b> Name of property of Thorin Resol	GPS unit for re M one 13 rs D83 true north ked for above? Owner In wner	Pres	Eastin Northin	llows: g <u>25867</u> ng <u>42066</u>	513		•	only		Surface elev.
Format must be UTI Zone 12 or Zo Units must be Meter Datum must be NA Unit must be set to t Was GPS unit check <b>5. Property</b> Name of property ov Thorin Resou Mailing address	GPS unit for re M one 13 rs <b>.D83</b> true north ked for above? <b>Owner In</b> wner <b>urces LLC</b>	Pres	Eastin Northin	llows: g <u>25867</u> ng <u>42066</u>	513		•	only		Surface elev.
Format must be UTI Zone 12 or Zo Units must be Meter Datum must be NA Unit must be set to t Was GPS unit check <b>5. Property</b> Name of property ov Thorin Resol Mailing address Po Box 1030	GPS unit for re M one 13 rs <b>.D83</b> true north ked for above? <b>Owner In</b> wner <b>urces LLC</b>	Pres	ings as fo Eastin Northi Reme	llows: g <u>25867</u> ng <u>42066</u>	513 t Datum to NAD83		•	only		Surface elev.
Format must be UTI Zone 12 or Zo Units must be Meter Datum must be NA Unit must be set to t Was GPS unit check <b>5. Property</b> Name of property ov Thorin Resol Mailing address Po Box 1030 City	GPS unit for re M one 13 rs <b>.D83</b> true north ked for above? <b>Owner In</b> wner <b>urces LLC</b>	Pres	ings as fol Eastin Northi Reme ion	llows: g <u>25867</u> ng <u>42066</u> mber to se	513 t Datum to NAD83		•	only		Surface elev.
Format must be UTI Zone 12 or Zo Units must be Meter Datum must be NA Unit must be set to t Was GPS unit chect <b>5. Property</b> Name of property ov Thorin Reso Mailing address Po Box 1030 City Ouray	GPS unit for re M one 13 rs <b>.D83</b> true north ked for above? <b>Owner In</b> wner <b>urces LLC</b>	Pres	ings as fo Eastin Northi Reme	llows: g <u>25867</u> ng <u>42066</u> mber to se	513 t Datum to NAD83	-	•	only		Surface elev.
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# **MONITORING/OBSERVATION WELL PERMIT APPLICATION INSTRUCTIONS**

Applications must be computer generated on-line, typewritten or printed in BLACK or BLUE INK. ALL ITEMS in the application must be completed. Incomplete applications may be returned for more information. Applications are evaluated in chronological order. Please allow approximately six weeks for processing. This form may be reproduced by photocopying or computer generation. Reproductions must retain margins and print quality of the original form. If filing online, see online filing instructions for further information. You may also save, print, scan and email the completed form to: <a href="http://dwrpermitsonline@state.co.us">dwrpermitsonline@state.co.us</a>

<u>FEES</u>: This application must be submitted with a \$100 filing fee. (The fee for an application to replace or deepen an existing permitted monitoring/observation well is \$100 for locations outside Designated Ground Water Basins, and \$60 inside Designated Ground Water Basins.) Fees are nonrefundable. Please visit our website (<u>dwr.colorado.gov</u>) for acceptable payment information or contact DWR at (303) 866-3581.

<u>USES</u>: This form (GWS-46) is to be used when applying for a permit where the only uses are monitoring of water levels and/or water quality sampling. For well construction criteria refer to the Colorado Water Well Construction Rules, 2CCR 402-2. A copy of the Rules may be obtained from any Division of Water Resources Office for a fee of \$5, or you may access them online on our website (<u>dwr.colorado.gov</u>)

### **ITEM INSTRUCTIONS:** (numbers correspond with those on the front of this form)

- 1. Provide the name of the well owner and the mailing address where all correspondence will be sent.
- 2. Check and complete all boxes that apply.
- 3. Provide the MH number assigned by the Division of Water Resources in response to the notice of intent to construct a monitoring/observation well. Complete the well name if the structure has a name or identifying number.
- 4. If applying for a permit to construct a new well, you <u>must</u> provide the county, section #, township, range and principal meridian. You do not need to provide the ¼ of the ¼ section designation, distances from section lines or an optional GPS location (UTM coordinates). If a permit is issued and a well constructed, the authorized individual will be required to provide an accurate GPS location (UTM coordinates) of the "as-built" well location. If applying for a permit to use an existing well you <u>must</u> provide the well location information stated above, as well as either a GPS location (UTM coordinates) of the existing well site, or distances from section lines (including the ¼ of the ¼ section designation) as follows: In a typical case, a township is comprised of 36 sections, with each section ideally one mile square, or 5,280 feet on each side. Sections are further divided into quarter sections. Each ¼ Section is 2,640 feet by 2,640 feet and comprises 160 acres. Each ¼ section can be further divided into additional quarters. Each ¼ of the ¼ Section is 1,320 feet by 1,320 feet and comprises 40 acres. The distances are measured from the section lines. In the following example, the well is located 2,500 feet from the South Section line and 1,400 feet from the East Section line:



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Department of Natural Resources 1313 SHERMAN ST, STE 821 DENVER, CO. 80203



Date: 10/29/2024 7:44:18 AM Order Number: 49193 Transaction Number: 58983

THORIN RESOURCES LLC

CJ DICKERSON PO BOX 1030 OURAY, CO. 81427 Cashier: 75220

Application/Receipt	Quantity	Description	Price	Extended Price
10039132	1	Monitoring/Observation Well Permit (New or Existing Well Permit) - Outside DesB (Legacy Code: 25)	\$100.00	\$100.00
10039133	1	Monitoring/Observation Well Permit (New or Existing Well Permit) - Outside DesB (Legacy Code: 25)	\$100.00	\$100.00

	Subtotal:	\$200.00
	Service Fee:	\$5.27
	Total:	\$205.27
	(Credit Card) Tendered: [*4366]	\$205.27
	Change:	\$0.00
nitoring/Observation Well	Please allow 4-6 weeks for the processing of your application. Check the application using the Application/Receipt number (not order number) at:	status of your

Monitoring/Observation Well	Please allow 4-6 weeks for the processing of your application. Check the status of your
Permit (New or Existing Well	application using the Application/Receipt number (not order number) at:
Permit) - Outside DesB (Legacy	https://dwr.state.co.us/tools/WellPermits
Code: 25)	

