

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

Transfer No. _____

**MINIMUM REQUIREMENTS CHECKLIST
TO BE SUBMITTED WITH APPLICATION FOR TRANSFER**

An application for transfer must be prepared in accordance with the minimum requirements listed below to be acceptable for processing by the Department. Incomplete applications will be returned. The instructions, fee schedule, Part 2A reports and additional Part 2B forms are available from any Department office or on the Department's website at <http://www.idwr.idaho.gov/>.

Check whether each item below is *attached* (Yes) or *not applicable* (N/A) for the proposed transfer.

Yes N/A * Means the item is always required and must be included with the application.

- ☒ * Completed Application for Transfer of Water Right form, Part 1.
- ☒ * Signature of applicant(s) or applicant's authorized representative on Application for Transfer Part 1. Include evidence of authority labeled Attachment #3 (see below) if signed by representative.
- ☒ * Application for Transfer Part 2A. Attach a Part 2A report describing each water right in the transfer as currently recorded.
- ☐ ☒ Complete and attach an Application for Transfer Part 2B for each water right for which only a portion is proposed to be changed through this transfer application.
- ☒ * Application for Transfer Part 3A is always required (see Attachment #7a below); Parts 3B and 3C must be completed for transfer applications proposing to change the nature of use of the water right(s) or proposing changes to supplemental right(s).
- ☒ * Correct fee submitted with transfer application form. ([Fee schedule](#) is on website and instructions for application for transfer.)

Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-9.

- ☐ ☒ #1 If the applicant is a business, partnership, organization, or association, and not currently registered in the State of Idaho as a business entity, attach documentation identifying officers authorized to sign or act on behalf of right holder. (See Part 1.)
- ☐ ☒ #2a Water Right ownership documentation if Dept. records do not show the transfer applicant as the current water right owner. Additional fee(s) required for water right ownership changes; see fee schedule.
- ☐ ☒ #2b If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). Additional fee(s) required for water right ownership changes; see fee schedule.
- ☐ ☒ #3 Documentation of authority to make the change if the applicant is not the water right owner.
- ☒ ☐ #4 Power of Attorney or documentation providing authority to sign or act on the applicant's behalf. (See Part 1.)
- ☐ ☒ #5 If the transfer application proposes to change the point of diversion for a water right affecting the Eastern Snake Plain Aquifer (ESPA), attach the results of an ESPA analysis and a detailed mitigation plan to offset any depletions to hydraulically connected reaches of the Snake River. ESPA transfer spreadsheet and model grid labeled cells are available on the Department's website at <http://www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm>.
- ☐ ☒ #6 Notarized statement of agreement or a statement on official letterhead signed by an authorized representative from each lien holder or other entity with financial interest in the water right(s) or land affected by the proposed transfer. (See Part 1.5.c.)
- ☒ * #7a Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described on the application. Include legal description labels. If only a portion of the right is proposed to be changed, identify the current location of the part of the existing right(s) proposed to be changed. (See Part 3A.)
- ☒ ☐ #7b If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use.
- ☐ ☒ #8a If the transfer application proposes to change the nature of use or period of use for one or more rights, provide documentation describing the extent of historic beneficial use for the water rights proposed to be transferred and document how enlargement will be avoided. (See Part 3B.) Additional fee required for proposed changes to nature of use; see fee schedule.
- ☐ ☒ #8b If the transfer application proposes to change the place of use of a supplemental irrigation right, provide documentation regarding the historic use of the supplemental right(s) and availability or reliability of the primary right(s) being supplemented, both before and after the proposed change. (See Part 3C.)
- ☐ ☒ #9 Other. Please describe: _____

JAN 08 2014

Department of Water Resources
Eastern Region

Rcv. 07/11/13
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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 79124

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

Name of Applicant(s) Nu-West Industries, Inc.Phone 208-547-4381Mailing address 3010 Conda Road, Soda Springs, ID 83276Email erika.stoner@agrium.com

- ☐ If applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign or act on behalf of the applicant. Label it Attachment #1.
- ☐ Attach water right ownership documentation if Department records do not show the transfer applicant as the current water right owner. Label it Attachment #2a.
- ☐ If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). Label it Attachment #2b.
- ☐ Attach documentation of authority to make the proposed change if the applicant is not the water right owner. Label it Attachment #3.

Provide contact information below if a consultant, attorney, or any other person is representing the applicant in this transfer process.

☐ No Representative

Name of Representative Kevin BeatonPhone 208-389-9000Mailing address 101 S. Capitol Blvd, Boise, ID 83702-7705Email kjbeaton@stoel.com

☐ Send all correspondence for this application to the representative and not to the applicant.

OR

☒ Send original correspondence to the applicant and copies to the representative.

☒ The representative may submit information for the applicant but is not authorized to sign for the applicant.

OR

☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant and label it Attachment #4.

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Erika Stoner
Signature of Applicant or Authorized Representative

MINE MANAGER
Print Name and Title if applicable

Dec. 20/13
Date

Kevin Beaton
Signature of Applicant or Authorized Representative

Attorney Kevin Beaton
Print Name and Title if applicable

11-26-13
Date

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☐ Add diversion point(s) ☒ Change place of use
☐ Change nature of use ☐ Change period of use ☐ Other _____

2. Describe your proposal in narrative form, including a detailed description of non-irrigation uses to justify amounts transferred (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional pages if necessary and label it Part 1A.2. See Part 1.A.2.

79124

Part 1.A.2.

Nu-West Industries, Inc.
Application for Transfer of Water Right

Water right 27-7057 previously supported mining operations at Nu-West Industries, Inc., Dry Valley Mine. Mining operations at Dry Valley are completed and the mine is currently being reclaimed. The location of the Dry Valley Mine is indicated in Attachment 7b.

Mining activities on the Lanes Creek and Rasmussen Valley leases are anticipated to commence in 2014 and 2016, respectively. The sites are located adjacent to one another. Transfer of the water right is needed to provide dust suppression water for ore transport on designated haul roads. The location of the Lanes Creek and Rasmussen Valley leases with respect to the Dry Valley Mine is indicated in Attachment 7b. The Lanes Creek and Rasmussen Valley leases and the haul route proposed for mining activities on the leases is indicated in Attachment 7a-1.

The ore haul route from the Lanes Creek and Rasmussen Valley Mines to the Wooley Valley Tipple is approximately 15 miles one-way. This full haul route circuit will require application of dust suppression water, as will haul roads and access roads on each respective mine site. Based on the volume of dust suppression water utilized at the Dry Valley Mine during full operation, it is estimated that the full volume of water associated with water right 27-7057 (2 cfs or 33.1 acre-feet per annum) will be necessary to provide adequate dust suppression for the Lanes Creek and Rasmussen Valley operations.

The water right will be transferred to a well located on Agrium's South Rasmussen Valley Property. The well is located in the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Sec 9, T7S, R44E. Water from the well will be pumped to above-ground storage tanks and used to fill water trucks, as needed.

The proposed point of diversion and area of use (phosphate leases, lease modifications, SUPs and haul roads is illustrated in Attachment 7a-1.

The well pumping and distribution schematic is included as Attachment 7a-2.

The well log for the proposed point of diversion is included as Attachment 7a-3.

The location of the former point of diversion relative to the proposed point of diversion is illustrated in Attachment 7b.

AMENDED

Part 1.A.2.

Nu-West Industries, Inc.

Application for Transfer of Water Right

Water right 27-7057 previously supported mining operations at Nu-West Industries, Inc., Dry Valley Mine. Mining operations at Dry Valley are completed and the mine is currently being reclaimed. The location of the Dry Valley Mine is indicated in Attachment 7b.

Mining activities at the Lanes Creek and Rasmussen Valley sites will commence in late 2013 and 2016, respectively. The sites are located adjacent to one another. Transfer of the water right is needed to provide dust suppression water for ore transport on designated haul roads. The Lanes Creek and Rasmussen Valley sites are also indicated in Attachment 7b.

The ore haul route from the Lanes Creek and Rasmussen Valley Mines to the Wooley Valley Tipple is approximately 15 miles one-way. This full haul route circuit will require application of dust suppression water, as will haul roads and access roads on each respective mine site. Based on the volume of dust suppression water utilized at the Dry Valley Mine during full operation, it is estimated that the full volume of water associated with water right 27-7057 (2 cfs or 33.1 acre-feet per annum) will be necessary to provide adequate dust suppression for the Lanes Creek and Rasmussen Valley operations.

The water right will be transferred to a well located on Agrium's South Rasmussen Valley Property. The well is located in the NW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec 9, T7S, R44E. Water from the well will be pumped to above-ground storage tanks and used to fill water trucks, as needed.

The proposed point of diversion and area of use is illustrated in Attachment 7a-1. (IDWR #D0062620)
The anticipated well pumping and distribution schematic is included as Attachment 7a-2.
The well log for the proposed point of diversion is included as Attachment 7a-3.
The location of the former point of diversion relative to the proposed point of diversion is illustrated in Attachment 7b.

SUPERCEDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☒ ☐	27-7057	2 cfs/33.1ac-ft	Mining,dust suppression	1/01 to 12/31	groundwater
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 2 cfs and/or 33.1 ac-ft

2. Total amount of water proposed to be transferred or changed 2 cubic feet per second and/or 33.1SE acre-feet per annum.

3. Point(s) of Diversion:

- ☐ No changes to point(s) of diversion are proposed-the following chart is therefore not completed. (Proceed to #4.)
- ☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA.
Label it **Attachment #5**.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #
		SE	SW	NE	9	7S	44E	Caribou	Groundwater	PW-1W

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed-the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
6S	44E	32														x	x	
7S	44E	4			x					x	x		x	x	x	x	x	x
7S	44E	5							x	x	x	x	x	x	x	x	x	x
7S	44E	6			x	x			x	x					x	x	x	
7S	44E	7		x	x	x				x	x				x	x		
7S	44E	8	x	x	x	x					x	x			x	x		
7S	44E	9		x	x		x	x	x	x	x	x				x		
6S	43E	33												x	x	x	x	
6S	43E	34	x	x	x		x	x	x	x		x						
6S	43E	35		x	x	x	x	x							x			
6S	43E	36										x	x	x				
7S	43E	3							x	x	x	x	x					
7S	43E	10			x		x	x		x	x					x	x	
7S	43E	14							x			x	x					
7S	43E	15	x	x		x												

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RECEIVED

FEB 04 2011

Department of Water Resources
Eastern RegionSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCESAPPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued**B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.**

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☒ ☐	27-7057	2 cfs/33.1 ac-ft	Mining, dust suppression	1/01 to 12/31	groundwater
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 2 cfs and/or 33.1 ac-ft2. Total amount of water proposed to be transferred or changed 2 cubic feet per second and/or 33.1 acre-feet per annum.

3. Point(s) of Diversion:

- ☐ No changes to point(s) of diversion are proposed-the following chart is therefore not completed. (Proceed to #4.)
- ☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA. Label it Attachment #5.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #
		NW	SE		9	7S	44E	Caribou	Groundwater	PW-1W

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed-the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
6S	44E	32														x	x	
7S	44E	4			x					x	x		x	x	x	x	x	x
7S	44E	5							x	x	x	x	x	x	x	x	x	x
7S	44E	6			x	x			x	x					x	x	x	
7S	44E	7		x	x	x				x	x				x	x		
7S	44E	8	x	x	x	x					x	x			x	x		
7S	44E	9		x	x		x	x	x	x	x	x				x		
6S	43E	33												x	x	x	x	
6S	43E	34	x	x	x		x	x	x	x		x						
6S	43E	35		x	x	x	x	x							x			
6S	43E	36										x	x	x				
7S	43E	3							x	x	x	x	x					
7S	43E	10			x		x	x		x	x					x	x	
7S	43E	14							x			x	x					
7S	43E	15	x	x			x											

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

5. General Information:

- a. Describe the complete diversion system, including how you will accommodate a measuring device and lockable controlling works should they be required now or in the future: _____ (Refer to Figure 7a-2)

Well pump will discharge to a surface storage tank. Flow controlled by a ball or gate valve and will pass through a flow meter. Well will operate on an as-needed basis to keep bulk storage tank at an appropriate level. Water trucks will be filled at pump house with cam-lock fitting to fill port. Access to pumping station will be controlled by locked gate access.

- b. Who owns the property at the point(s) of diversion? Nu-West Industries, Inc.

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:

Applicant owns property at proposed point of diversion. (IDWR WELL PERMIT #D0062620)

- c. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?

If yes, ☐ Attach a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes on official letterhead signed by an authorized representative. Label it **Attachment #6**. List the name of the entity and type of lien: No liens, deeds of trust, mortgages or contracts on land from which water right is to be transferred.

It is the applicant's responsibility to provide notice to lien holder, trustee, mortgagor, or contract holder of the proposed changes that may impact or change the value of the water rights or affected real property. Any misrepresentation of legal encumbrance on this application may result in rejection of the application or cancellation of an approval.

- d. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer:

Water right still provides minimal dust suppression water for mine reclamation activities only. Transfer of water right will have little effect on land near the current point of diversion.

- e. Describe the use of any other water right(s) for the same purpose or land, or the same diversion system as right(s) proposed to be transferred at both the existing and proposed point(s) of diversion and place(s) use:

No other water rights are proposed for transfer. No other water rights are applied at the current or proposed point of diversion.

- f. To your knowledge, has/is any portion of the water right(s) proposed to be changed:

Yes No

- | | | |
|--------------------------|-------------------------------------|---|
| ☐ | ☒ | undergone a period of five or more consecutive years of non-use, |
| ☐ | ☒ | currently leased to the Water Supply Bank, |
| ☐ | ☒ | currently used in a mitigation plan limiting the use of water under the right, or |
| ☐ | ☒ | currently enrolled in a Federal set-aside program limiting the use of water under the rights? |

If yes, describe: _____

Page _____ of _____

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2A**

Current Water Right No.: 27-7057

Current Owner: NU WEST INDUSTRIES INC
Priority Date: 12/18/1975
Origin: Water Right
Status: Active
Basis: License

Source

GROUND WATER

Tributary

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
MINING	1/01 to 12/31	2 CFS	33.1 AF
	<u>Total Diversion</u>	2 CFS	33.1 AF

Location of Point(s) of Diversion

GROUND WATER
CARIBOU County

SE1/4NW1/4 Sec. 16, Twp 08S, Rge 44E B.M.

Place of Use

MINING Within CARIBOU County

T08S R44E S5	NESW	T08S R44E S5	NWSW
T08S R44E S5	SESW	T08S R44E S5	SWSE
T08S R44E S8	NENE	T08S R44E S8	NWNE
T08S R44E S8	SWNE	T08S R44E S8	SENE
T08S R44E S8	NENW	T08S R44E S8	NESE
T08S R44E S8	SESE	T08S R44E S9	NWNW
T08S R44E S9	SWNW	T08S R44E S9	SENW
T08S R44E S9	NESW	T08S R44E S9	NWSW
T08S R44E S9	SWSW	T08S R44E S9	SESW
T08S R44E S15	SWNW	T08S R44E S15	NWSW
T08S R44E S15	SWSW	T08S R44E S15	SESW
T08S R44E S16	NWNE	T08S R44E S16	SWNE
T08S R44E S16	SENE	T08S R44E S16	NENW
T08S R44E S16	NWNW	T08S R44E S16	SENW
T08S R44E S16	NESE	T08S R44E S16	NWSE
T08S R44E S16	SWSE	T08S R44E S16	SESE
T08S R44E S21	NENE	T08S R44E S22	NENW
T08S R44E S22	NWNW	T08S R44E S22	SWNW
T08S R44E S22	SENW		

Page _____ of _____

Conditions of Approval:

1. 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
2. T07 The right holder shall accomplish the change authorized by this transfer within one (1) year of the date of this approval.
3. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
4. The well previously used under Right 27-07057 shall be abandoned in a manner which complies with Department well abandonment rules.
 Mining use is for ore processing and dust abatement for the haul road.

Licensed Date: 11/13/1998

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 3

☒ Attach a map of the diversion, measurement, control, and distribution system. Label it **Attachment #7a**.

☒ If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. Label it **Attachment #7b**. If the place of use currently consists of a permissible place of use, then the attachment is not required if the application contains a clear statement that the boundaries for the place of use are not proposed to be changed by the transfer and the total number of irrigated acres within the place of use before and after the transfer is clearly stated.

☐ If you propose to change the nature of use or period of use of all or part of the right(s) listed in this application, attach documentation describing the extent of historic beneficial use of the portion of the right(s) proposed to be changed. Also attach documentation showing that the portion of the right(s) to be changed will not be enlarged in rate, volume, or consumptive use through the proposed change. Label it **Attachment #8a**.

☐ If you propose to change the place of use of a supplemental irrigation right, answer below and attach supporting documentation. Label it **Attachment #8b**.

Describe how the supplemental water rights have been used historically in conjunction with other water rights at the existing place of use. Describe the time during the irrigation season that the supplemental rights have been used. Include information about the availability or reliability of the primary right(s) being supplemented, both before and after the change. If the applicant is proposing to change a supplemental irrigation right to a primary right, provide the information required on Part 3B above.:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page or a sheet of stationery.

Transfer contains _____ pages and _____ attachments.

Received by _____ Date _____ Prelim. Check by _____ Date _____

Fee Paid 580.00 Date 1/9/13 Received by SB Receipt # €039437

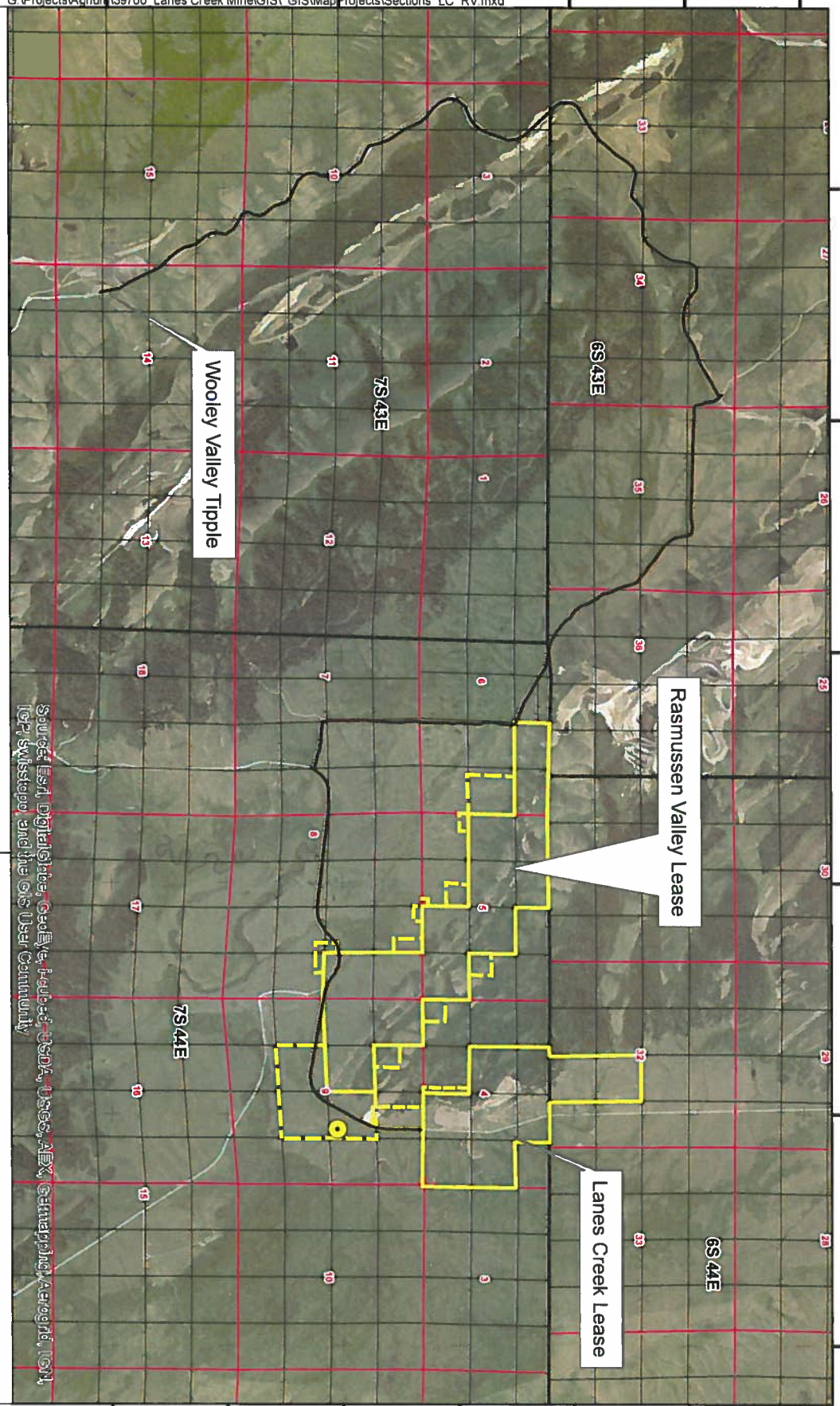
Add'l Fee Paid _____ Date _____ Received by _____ Receipt # _____

ATTACHMENT 7A-1

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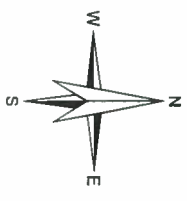
4744000 4745000 4746000

466000 468000 470000 472000 474000 476000



LEGEND

- PROPOSED NEW POINT OF DIVERSION
- PROPOSED AREAS OF USE
- SUPS / LEASE MODIFICATIONS
- HAUL ROAD
- TOWNSHIP
- SECTION
- QUARTER QUARTERS



Source: Esri, DigitalGlobe, GeoEye, Earthstar, USDA, Aery, GeoEye, AeroGRID, IGN, and the GIS User Community

HAILEY & ADRICH

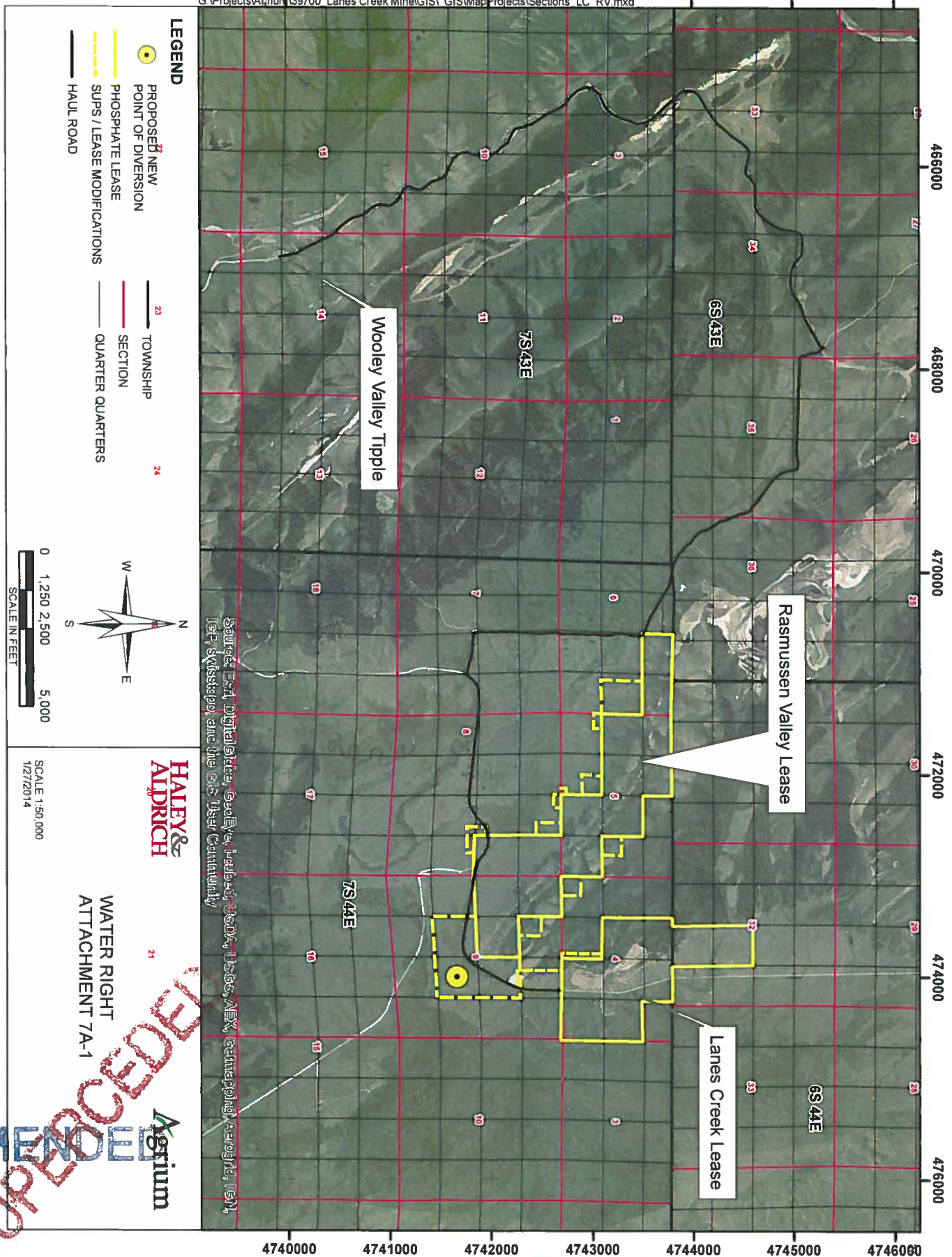
WATER RIGHT ATTACHMENT 7A-1

AMENDED **Agrium**

FEB 04 2014

Department of Water Resources
Eastern Region

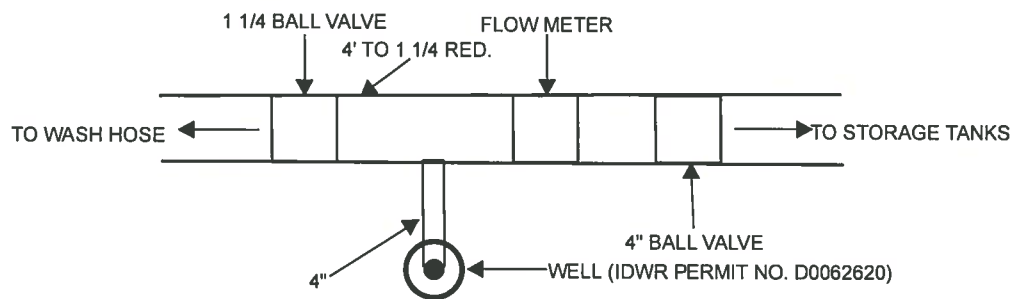
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AMENDED

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ATTACHMENT 7A-2



**HALEY &
ALDRICH**

DELIVERY SYSTEM DIAGRAM
ATTACHMENT 7A-2

NOT TO SCALE
7/17/2013

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ATTACHMENT 7A-3

MONITORING WELL INSTALLATION LOG

Brown & Caldwell

950 West Bannock Street
Suite 250
Boise, ID 83702

WELL NAME: **PW-1W**
TOTAL DEPTH: **375 ft bgs**

PROJECT INFORMATION

CLIENT: **Agrium**
PROJECT: **Rasmussen Valley Mine Project (RVMP)**
PROJECT NO.: **142164**
LOGGED BY: **Ryan Warden**
DATES DRILLED: **10/22/12-11/8/12**
PROJECT MANAGER: **Julie Wright**
DRILLING CO.: **Thomas Drilling Company (ID License #390)**
DRILLER: **Bob Thomas**
DRILLING METHOD: **Air Rotary**
SAMPLE METHOD: **Chip Return**

WELL INFORMATION

LOCATION: **Caribou County, Idaho**
PLSS: **SW1/4 NW1/4 of SEC9 T7S R44E**
COORDINATES: **474017.56 mE 4741968.41 mN**
UTM NAD83 Zone 12 meters
WELL TAG NO.: **D0062620**
TOC ELEVATION: **6,558.42 ft amsl**
GROUND ELEVATION: **6,556.39 ft amsl**

☞ Water Elevation At Time of Completion

☞ Vibrating Wire Piezometer (VWP)

DEPTH/ELEV.	LITHOLOGY	LITHOLOGY DESCRIPTION	WATER PROD. (GPM)	WELL DESCRIPTION
0				
6550		ALLUVIUM (QUATERNARY) ~6,556 ft amsl Sandy SILT, brown, low plasticity, moist (0-2 ft bgs)		20-inch diameter borehole (0-5 ft bgs)
10		BASALT (QUATERNARY) ~6,554 ft amsl BASALT, dark grey to black, vesicular, iron oxide staining, magnetic (2-34 ft bgs)		Bentonite chips (3-10 ft bgs)
6540				Cement grout (10-42 ft bgs)
6530				
6520		ALLUVIUM (QUATERNARY) ~6,522 ft amsl Clayey GRAVEL with SAND, reddish yellow to brown, clay is moderately plastic, rounded to subangular clasts primarily of basalt, but with siltstone, and chert (34-50 ft bgs)		10-inch diameter schedule 40 stainless steel casing (2.03 ft ags - 218 ft bgs)
6510				18-inch diameter borehole (5-206 ft bgs)
6500		WELLS FORMATION (PERMIAN AND PENNSYLVANIAN) ~6,506 ft amsl SANDSTONE, red to dusky red, fine grained, minor brown siltstone at 70 ft bgs (50-90 ft bgs)		Bentonite chips (42-165 ft bgs)
6490				
6480				
6470				
6460		SANDSTONE, pale brown to light yellow, fine grained, slightly calcareous (90-105 ft bgs)		
6450		SANDY DOLOMITE, light yellowish brown, calcite veins (105-120 ft bgs)		
6440				
6430		SANDSTONE, pale brown to pale yellow, calcareous (120-		

MONITORING WELL INSTALLATION LOG

Brown AND Caldwell

950 West Bannock Street
Suite 250
Boise, ID 83702

WELL NAME: **PW-1W**
TOTAL DEPTH: **375 ft bgs**

PROJECT INFORMATION

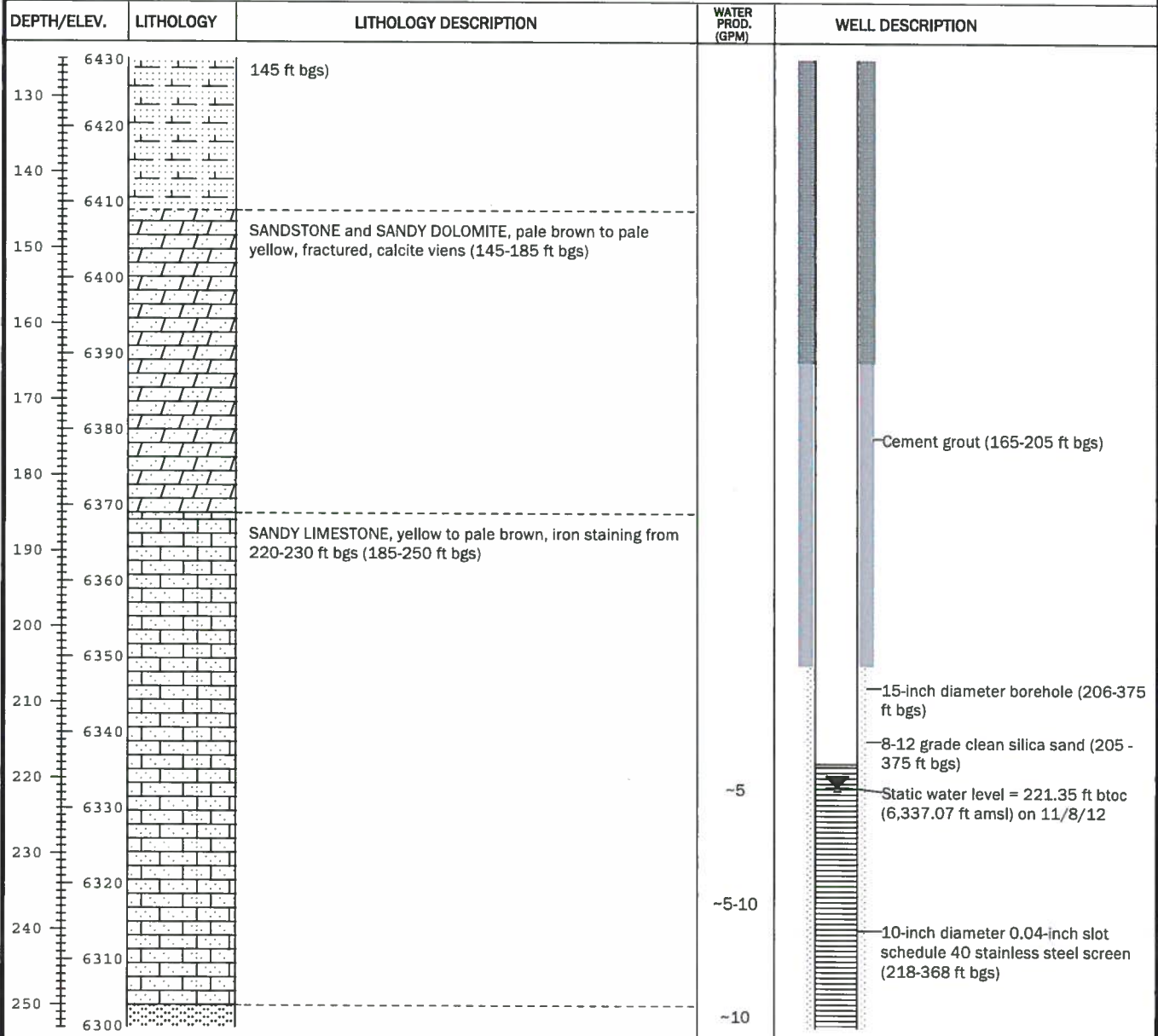
CLIENT: **Agrium**
PROJECT: **Rasmussen Valley Mine Project (RVMP)**
PROJECT NO.: **142164**
LOGGED BY: **Ryan Warden**
DATES DRILLED: **10/22/12-11/8/12**
PROJECT MANAGER: **Julie Wright**
DRILLING CO.: **Thomas Drilling Company (ID License #390)**
DRILLER: **Bob Thomas**
DRILLING METHOD: **Air Rotary**
SAMPLE METHOD: **Chip Return**

WELL INFORMATION

LOCATION: **Caribou County, Idaho**
PLSS: **SW1/4 NW1/4 of SEC9 T7S R44E**
COORDINATES: **474017.56 mE 4741968.41 mN**
UTM NAD83 Zone 12 meters
WELL TAG NO.: **D0062620**
TOC ELEVATION: **6,558.42 ft amsl**
GROUND ELEVATION: **6,556.39 ft amsl**

☞ Water Elevation At Time of Completion

☞ Vibrating Wire Piezometer (VWP)



Revision Date: 4/22/2013

Page 2 of 3

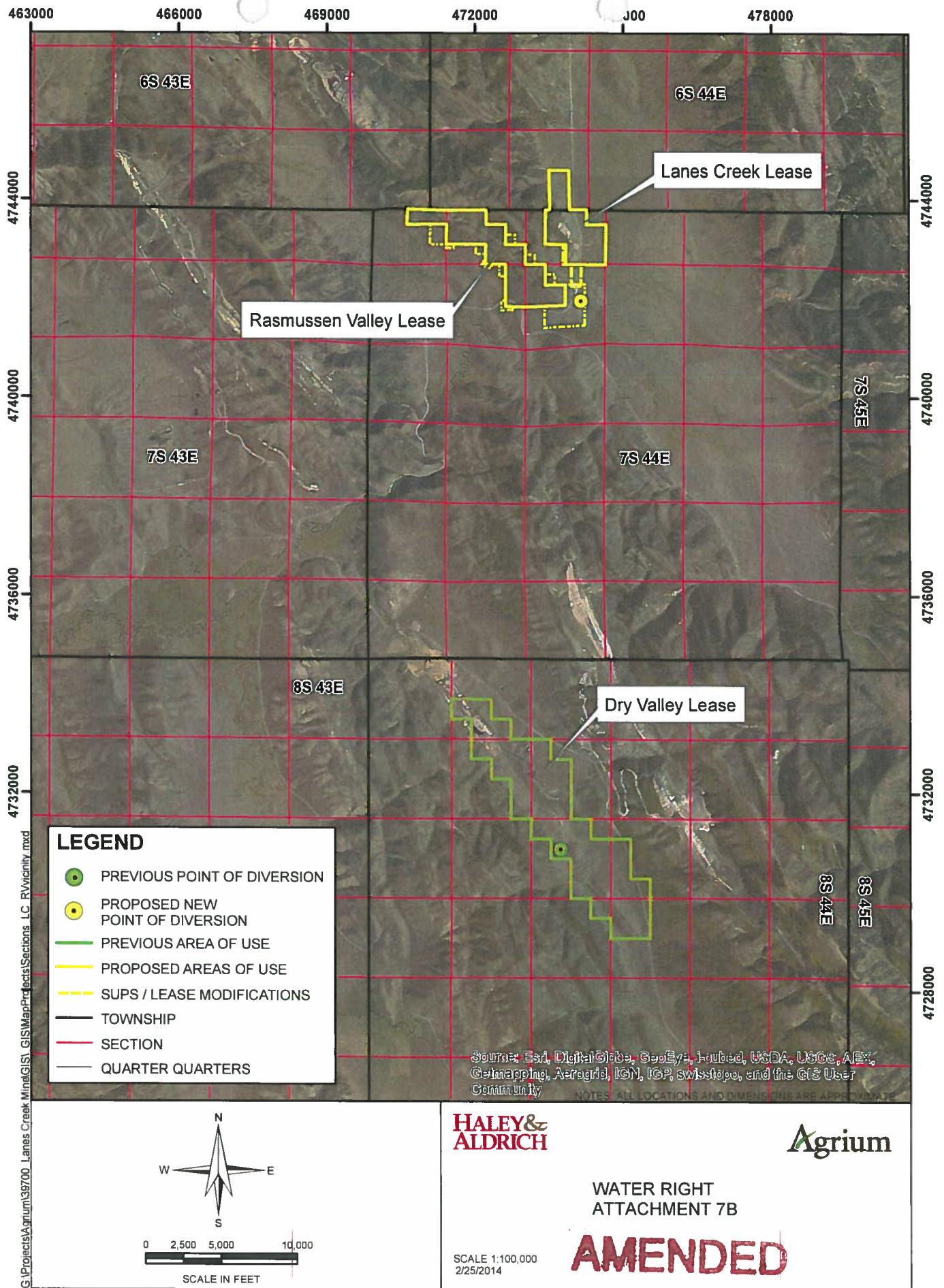
79124

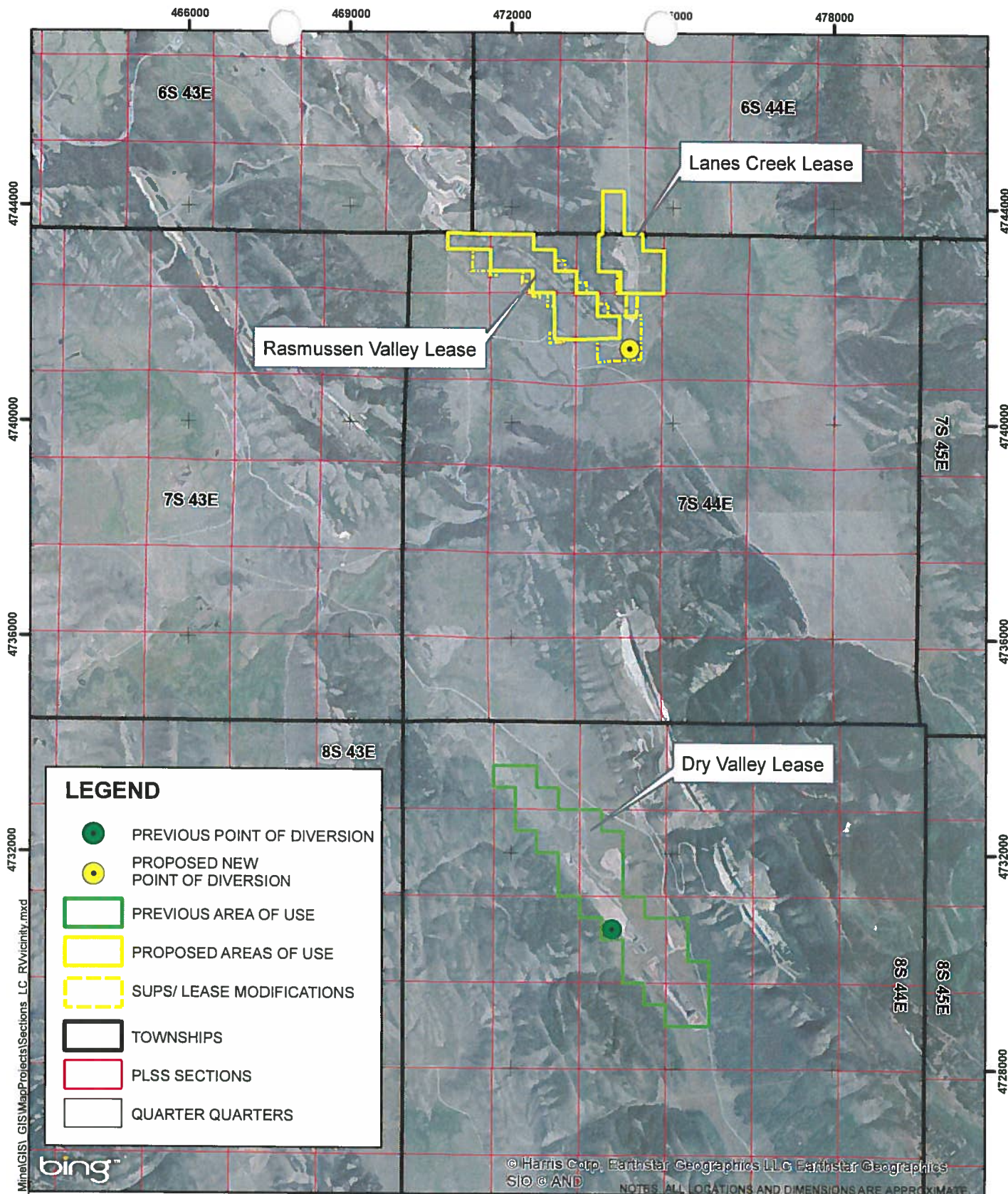
MONITORING WELL INSTALLATION LOG

Brown AND Caldwell 950 West Bannock Street Suite 250 Boise, ID 83702		WELL NAME: PW-1W TOTAL DEPTH: 375 ft bgs		
PROJECT INFORMATION CLIENT: Agrium PROJECT: Rasmussen Valley Mine Project (RVMP) PROJECT NO.: 142164 LOGGED BY: Ryan Warden DATES DRILLED: 10/22/12-11/8/12 PROJECT MANAGER: Julie Wright DRILLING CO.: Thomas Drilling Company (ID License #390) DRILLER: Bob Thomas DRILLING METHOD: Air Rotary SAMPLE METHOD: Chip Return		WELL INFORMATION LOCATION: Caribou County, Idaho PLSS: SW1/4 NW1/4 of SEC9 T7S R44E COORDINATES: 474017.56 mE 4741968.41 mN UTM NAD83 Zone 12 meters WELL TAG NO.: D0062620 TOC ELEVATION: 6,558.42 ft amsl GROUND ELEVATION: 6,556.39 ft amsl		
☞ Water Elevation At Time of Completion		📏 Vibrating Wire Piezometer (VWP)		
DEPTH/ELEV.	LITHOLOGY	LITHOLOGY DESCRIPTION	WATER PROD. (GPM)	WELL DESCRIPTION
6300 260 6290 270 6280 280 6270 290 6260 300 6250 310 6240 320 6230 330 6220 340 6210 350 6200 360 6190 370 6180 6300 260 6290 270 6280 280 6270 290 6260 300 6250 310 6240 320 6230 330 6220 340 6210 350 6200 360 6190 370 6180	SANDSTONE and SANDY LIMESTONE, pale yellow to yellow and grey, fine grained, fractured zone from 333-343 ft bgs (250-375 ft bgs)	~10-20 ~20-50 ~50-70 ~100 ~120 ~130 ~140 ~150 ~200 ~250 ~250-300 ~300	10-inch diameter schedule 40 stainless steel sump (368-373 ft bgs) TD at 375 ft bgs	
Revision Date: 4/22/2013 Page 3 of 3				

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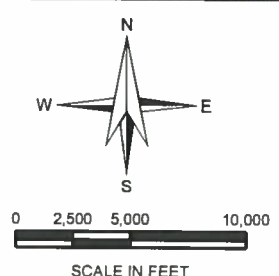
ATTACHMENT 7B





G:\Projects\Agrium\139700_Lanes Creek Mine\GIS\ GISMapProjects\Sections LC RV\vicinity.mxd

© Harris Corp, Earthstar Geographics LLC Earthstar Geographics SIO © AND NOTES: ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.



HALEY & ALDRICH

Agrium

WATER RIGHT
ATTACHMENT 7B

SCALE 1:100,000
1/7/2014

SUPERCEDED



RECEIVED

JAN 08 2014

Department of Water Resources
Eastern Region

Haley & Aldrich, Inc.
Key Business Center
702 W. Idaho Street
Suite 310
Boise, ID 83702
Tel: 208.336.1080
HaleyAldrich.com

7 January 2014

Idaho Department of Water Resources
Attn: Water Rights Administrator
Eastern Regional Office
900 North Skyline Drive, Suite A
Idaho Falls, ID 83402-1718

Subject: Water Right Transfer Application for Water Right 27-7057

Dear Sir or Madam:

On behalf of Nu-West Industries, Inc., doing business as Agrium Conda Phosphate Operations (Agrium CPO), the attached documents include Agrium CPO's Application for Transfer of Water Right 27-7057. A check is included for the application fee, per the Fee Schedule included in the application package.

If you have any questions regarding this application, please contact me at 208.336.1080 or 208.870.7993.

Sincerely yours,
HALEY & ALDRICH, INC.

Dale A. Kerner, P.G.
Mining Services Manager

Attachment: Application for Transfer of Water Right (Water Right 27-7057)

Cc:
Agrium CPO Mine Mgr. – Erika Stoner
Agrium CPO Environmental Permitting Mgr. – Katy Bergholm
Stoel Rives LLP – Kevin Beaton

79124



Haley & Aldrich, Inc.
Key Business Center
702 W. Idaho Street
Suite 310
Boise, ID 83702
Tel: 208.336.1080
HaleyAldrich.com

25 February 2014

Idaho Department of Water Resources
Attn: Scott Bergendorf
Eastern Regional Office
900 North Skyline Drive, Suite A
Idaho Falls, ID 83402-1718

Subject: Updated Water Right Transfer Application for Water Right 27-7057

Dear Mr. Bergendorf:

On January 7, 2014, an Application for Transfer of Water Right 27-7057 was submitted to the Idaho Department of Water Resources (IDWR) on behalf of Nu-West Industries, Inc., doing business as Agrium Conda Phosphate Operations (Agrium CPO).

The attached document represents a revised version of that application, and includes your requested edits. If you have any questions regarding this updated application, please contact me at 208.336.1080 or 208.870.7993.

Sincerely yours,
HALEY & ALDRICH, INC.

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

Dale A. Kerner, P.G.
Mining Services Manager

Attachment: Application for Transfer of Water Right (Water Right 27-7057)

Cc:
Agrium CPO Director of Mining – Alan Haslam
Agrium CPO Environmental Permitting Mgr. – Katy Bergholm
Stoel Rives LLP – Kevin Beaton