



State of Oregon
 Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900

Application for Permit Amendment

Part 1 of 5 – Minimum Requirements Checklist

This permit amendment application will be returned if Parts 1 through 5 and all required attachments are not completed and included.
 For questions, please call (503) 986-0900, and ask for Transfer Section.

Check all items included with this application. (N/A = Not Applicable)

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator. If you have questions, call Customer Service at (503) 986-0801.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Permits to be Amended: **Number of permits to be amended: 1 List them here: G-10994**
Please include a separate Part 5 for each permit. (See instructions on page 6)
- Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner).
- N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <http://www.oregon.gov/owrd/pubs/docs/forms>). Assignment is not needed if the applicant is the permit holder of record.
- N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant **or** other permit holders of record that are not listed as applicants.
- N/A Land Use Information Form with approval and signature (or signed land use form receipt stub). Land use form is not required if any of the following apply:
 - Water is to be diverted, conveyed, and/or used only on federal lands.
 - All of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.
 - The proposed changes are all located on the property reviewed in Land Use form enclosed in Water Right Application Folder # _____.
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.

(For Staff Use Only)

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Assignment Form and fee not enclosed/insufficient
<input type="checkbox"/> Additional signature(s) required	Part _____ is incomplete

Other/Explanation _____

Staff: _____ 503-986-0 _____ Date: ____/____/____

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Part 2 of 5 – Permit Amendment Map Checklist

Your permit amendment application will be returned if any of the map requirements listed below are not met.

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does not have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

- N/A If **more than three** permits are involved, separate maps for each permit.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes separate hachuring for each water use permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
- N/A If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water use permit.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

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Part 3 of 5 – Fee Worksheet

FEE WORKSHEET for PERMIT AMENDMENT			
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,160
2	Types of change proposed: <input checked="" type="checkbox"/> Place of Use <input checked="" type="checkbox"/> Point of Diversion/Appropriation Number of above boxes checked = 2 (2a) Subtract 1 from the number in line 2a = 1 (2b) <i>If only one change, this will be 0</i> Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » » »	2	930
3	Number of permits included in Permit Amendment 1 (3a) Subtract 1 from the number in 3a: 0 (3b) <i>If only one permit this will be 0</i> Multiply line 3b by \$520 and enter » » » » » » » » » » » » » » » »	3	0
4	Do you propose to add or change a well, or change from a surface water POD to a well? <input type="checkbox"/> No: enter 0 » <input checked="" type="checkbox"/> Yes: enter \$410 »	4	410
5	Do you propose to change the place of use? <input type="checkbox"/> No: enter 0 on line 5 » <input checked="" type="checkbox"/> Yes: enter the cfs for the portions of the permits to be amended (see example below*): 2.0 (5a) Subtract 1.0 from the number in 5a above: 1.0 (5b) If 5b is 0, enter 0 on line 5 » If 5b is greater than 0, round up to the nearest whole number: 1.0 (5c) and multiply 5c by \$350, then enter on line 5 » » » » » » » » » »	5	350
6	Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:	6	2850
7	Is this permit amendment: <input type="checkbox"/> necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? <input type="checkbox"/> endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat? If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 » If no box is applicable, enter 0 on line 7 » » » » » » » » » » » » » » » »	7	0
8	Subtract line 7 from line 6 » » » » » » » » » » Permit Amendment Fee:	8	2850

*Example for Line 5a calculation to transfer 45.0 acres of Primary Permit S-12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Permit S-87654 (1/80 cfs per acre) on the same land:

- For irrigation calculate cfs for each permit involved as follows:
 - Divide total authorized cfs by total acres in the permit (*for S-12345, 1.25 cfs ÷ 100 ac*); then multiply by the number of acres to be changed to get the application cfs ($x 45 ac = 0.56 cfs$).
 - If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (*For S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs*)
- Add cfs for the portions of permits on all the land included in the application; however **do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land**. The fee should be assessed only once for each “on the ground” acre included in the application. (*In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0*).

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Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME Calico Resources USA Corp		PHONE NO. 775-770-4615	ADDITIONAL CONTACT NO.
ADDRESS c/o Nancy Wolverson, 665 Anderson Street			FAX NO.
CITY Winnemucca	STATE NV	ZIP 89445	E-MAIL
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT/BUSINESS NAME Shonee Langford/Schwabe, Williamson & Wyatt		PHONE NO. 503-540-4261	ADDITIONAL CONTACT NO.
ADDRESS 530 Center St. NE, Suite 730			FAX NO.
CITY Salem	STATE OR	ZIP 97301	E-MAIL slangford@schwabe.com
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Explain in your own words what you propose to accomplish with this permit amendment; and why: (1) change the authorized POA for Well 2; (2) add five additional POAs; (3) change the POU to include all of the applicant's mining claim boundary and also road areas where water will be applied for dust abatement; and (4) clarify that the permitted supplemental POA described as an "open pit" mine will be an "underground" mine with the intent that the entire underground mine area is a POA.

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

Is the applicant the permit holder of record? Yes No

If NO, include either:

- A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), **OR**
- An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.

I understand that prior to Department approval of the permit amendment, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the permit is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: Argus Observer _____.

I (we) affirm that the information contained in this application is true and accurate.



Applicant Signature

CARLO BUFFONE, CEO

Print Name (and Title if applicable)

03/15/2019

Date

Applicant Signature

Print Name (and Title if applicable)

Date

Check one of the following:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.

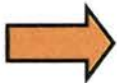
Check the appropriate box, if applicable:

- Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district.

IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP

- Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP



To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME Malheur County Planning & Zoning	ADDRESS 251 "B" Street West #12	
CITY Vale	STATE OR	ZIP 97918

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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INSTRUCTIONS for editing the Application Form

To add additional lines to tables within the forms or to copy and paste additional Part 5 pages, please **save the application form to your computer**. Unlock the document by using one of the following instructions for your Microsoft Word software version:

Microsoft Word 2003

Unlock the document by one of the following:

- Using the **Tools** menu => click **Unprotect Document**;
- OR**
- Using the **Forms** toolbar => click on the **Protect/Unprotect** icon.

To relock the document to enable the checkboxes to work, you will need to:

- Using the **Tools** menu => click **Protect Document**;
- OR**
- Using the **Forms** toolbar => click on the **Protect/Unprotect** icon.

Microsoft Word 2007

- Unlock the document by clicking the **Review** tab, then click **Protect Document**, then click **Stop Protect**
- To relock the document, click **Editing Restrictions**, then click **Allow Only This Type of Editing**, select **Filling In Forms** from the drop-down menu, then check **Yes, Start Enforcing Protection**.

Microsoft Word 2010

- Unlock the document by clicking the **Review** tab, toggle the **Restrict Editing icon** at the upper right, then click **Stop Protect** at the bottom right. Then uncheck the “**Allow only this type of editing in the document: Filling in forms**” in the “Editing restrictions” section on the right-hand list of options.
- To relock the document, check the **Editing Restrictions/Allow Only This Type of Editing/Filling In Forms** box from the drop-down menu, then check **Yes, Start Enforcing Protection**. You do not need to assign a password for the editing restrictions.

Other Alternatives:

- Photocopy pages or tables in Part 5, ~~mark through~~ any non-applicable information, insert/attach photocopied pages to document in the appropriate location, and manually amend page numbers as necessary (e.g. Page 5 of 9 10).
- You may refer to additional attachments that you may include, such as separately produced tables or spreadsheets to convey large numbers of rows of place of use listings, owner/property parcels, etc. You may contact the Department at 503-986-0900 and ask for Transfer Staff if you have questions.

Once the application has been unlocked, you may:

- add additional rows to tables using the Table tools, and
- select and copy the pages of Part 5 and paste as many additional sets of Part 5 pages as needed at the end of the application.

After editing, re-lock the document to enable checkboxes to work.

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Part 5 of 5 – Water Use Permit Information

Please use a separate Part 5 for each permit being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

PERMIT # G-10994

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)
(Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well 1	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	L-107457	22	S	44	E	5	NE	NW	Lot 3	43°41'29.83" N 117°21'39.74" W
Well 2	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	L-109353	22	S	44	E	5	SE	NW		1798' S & 1083' E from S1/4 corner, S32, T21S, R44E
Well 2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	L-109353	22	S	44	E	8	SW	NE		43°40'23.24" N 117°21'15.73" W
Well 3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	L-109351	21	S	44	E	32	SE	NW		43°42'5.28" N 117°21'56.54" W
Well 4	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		21	S	44	E	32	SE	NW		43°42'11.99" N 117°21'57.01" W
Well 5	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		21	S	44	E	32	NE	NW		43°42'19.02" N 117°21'57.62" W
Well 6	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		22	S	44	E	5	SW	SW		43°40'51.62" N 117°22'7.26" W
Well 7	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		21	S	44	E	32	NE	SW		43°41'55.59" N 117°21'56.85" W
Underground Mine	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed		22	S	44	E	8	NW	SE		POA is the entire underground area
Underground Mine	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		22	S	44	E	8	SW	NE		POA is the entire underground area
Underground Mine	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed		22	S	44	E	8	NE	SW		POA is the entire underground area

- | | |
|---|--|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input checked="" type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Surface water POD to Ground Water POA (SW/GW) |

Will all of the proposed changes affect the entire water use permit?

- Yes Complete only the proposed ("to" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the permit to be changed.

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For a change in place of use:

Does the permit holder of record own or control the land TO which the place of use is being moved?

Yes No

Note: Before water use begins under the terms of the permit amendment, the applicant will provide evidence of control in the form of written authorization from the landowner.

If NO, the landowner of the land TO which the place of use is being **moved must be assigned to the permit as a permit holder of record** by submitting a completed Request for Assignment form and the required statutory fee for an assignment.

Is the proposed place of use contiguous to the authorized place of use? Yes No

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use **unless** the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

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Please use and attach additional pages of Table 2 as needed.
See page 6 for instructions.

Do you have questions about how to fill-out the tables?
Contact the Department at 503-986-0900 and ask for Transfer Staff.

Table 2. Description of Changes to Water Use Permit # G-10994

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.										Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made. (See Attached Table 2)												
Twp	Rng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acre(s) (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acre(s) (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date			
EXAMPLE																							
2	S	9	E	15	NE	NW	100		15.0	POD #1 POD #2	POU/POD	2	S	9	E	15	NW	NW	100	1	10.0	POD #5	
"	"	"	"	"	"	"	"	"	EXAMPLE	"	"	2	S	9	E	15	SW	NW	200		5.0	POD #6	
TOTAL ACRES											TOTAL ACRES												

Additional remarks:

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Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands? Yes No

If YES, list the other certificate, permit, or ground water registration numbers: C5019, C5474, C5476, C7662, C58018, C58286, C58620, C62860, C74544, C74585, C74912, C74937



If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

- Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (Tip: You may search for well logs on the Department's web page at: http://apps2.wrd.state.or.us/apps/gw/well_log/Default.aspx)

AND/OR

- Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L-____	Total well depth (in feet)	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well - specific rate (cfs or gpm). If less than full rate of water right
Well 1	Yes	L-107457	425	10", 6"	10", +2-99 6", +2-145 6", 255-325 6", 355-380	cement, 0-26' volclay bentonite, 0-100'	145-255 325-355 380-420	artesian	alluvial sediments of Grassy Mtn Formation	50 gpm
Well 2	Yes	L-109353	420	6"	6", +2-320 6", 340-400	cement, 0-28' volclay bentonite, 0-300'	320-340 400-420	54	same as above	25 gpm

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well, OWRD Well ID Tag No. L-____	Total well depth (in feet)	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well - specific rate (cfs or gpm). If less than full rate of water right
Well 3	Yes	L-109351	375	10", 6"	10", 0-40 6", 0-280 6", 300-340	cement, 0-40' volclay bentonite, 5-275'	280-300 340-360	80	same as above	175 gpm
Well 4	No	proposed	500	10"	10", 0-400	cement, 0-400'	400-500	70	same as above	200 gpm
Well 5	No	proposed	500	10"	10", 0-400	cement, 0-400'	400-500	70	same as above	200 gpm
Well 6	No	proposed	600	10"	10", 0-500	cement, 0-500'	500-600	250	same as above	100 gpm
Well 7	No	proposed	500	10"	10", 0-400	cement, 0-400'	400-500	100	same as above	150 gpm

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Table 2: Description of Changes to Water Use Permit #G-10994

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	12	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	12	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	NENW	All	Mining Area

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CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	13	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	13	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	SWSW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	14	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	14	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	22	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	NENE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	23	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	23	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	SWNW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	24	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	24	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	NESE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	25	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	25	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	26	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	SWNE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	27	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	27	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	NESW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	28	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	28	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	31	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	31	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	31	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	31	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	SWSW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	32	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	32	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	33	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	NENE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	34	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	34	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	SWNW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	35	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	35	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	NWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SWNW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	NWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SWSW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	NESE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	44E	36	300	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	44E	36	300	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	7	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	SWNE	All	Mining Area

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MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	45E	18	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	18	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	NESW	All	Mining Area

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MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	21S	45E	19	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	19	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	30	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	30	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	30	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	21S	45E	30	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	12	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	13	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	13	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	13	100	SWNE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	43E	13	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	13	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	13	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	13	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	13	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	24	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	25	100	NENE	All	Mining Area

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OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	43E	25	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	25	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	25	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	25	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	25	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	25	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	43E	25	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	1	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	2	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	2	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	2	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	2	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	2	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	2	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	2	100	SWSW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	2	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	3	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	L 3	All	Mining Area

RECEIVED

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OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	4	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	4	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	SWSW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	5	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	5	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	L 5	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	L 6	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	L 7	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	6	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	NENE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	7	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	7	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	SWNW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	8	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	8	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	NESE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	9	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	9	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	10	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	NENW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	15	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	15	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	NESE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	16	200	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	16	200	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	17	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	SWNE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	18	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	18	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	NESW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	19	100	L 3	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	L 4	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	SESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	SWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	19	100	SESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	20	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	SWNE	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Current POU (no change), POA, APOA	22S	44E	21	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	SWNW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	SENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NESW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NWSW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NESE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	21	100	NWSE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	NENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	NWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	SWNE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	SENE	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	NENW	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	L 1	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	L 2	All	Mining Area
Current POU (no change), POA, APOA	22S	44E	30	100	SENW	All	Mining Area
Additional POU (proposed), POA, APOA	19S	44E	22	600	NENE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	22	600	SENE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	22	600	NESE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	23	901	NWNW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	23	901	SWNW	All	Access Road

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Additional POU (proposed), POA, APOA	19S	44E	23	901	NWSW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	23	901	SWSW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	26	901	NWNE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	26	901	SWNE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	26	901	SENE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	26	901	NENW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	26	901	NWNW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	26	901	NESE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	26	901	SESE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	35	901	NENE	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	36	901	NWNW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	36	901	SWNW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	36	901	NESW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	36	901	NWSW	All	Access Road
Additional POU (proposed), POA, APOA	19S	44E	36	901	SESW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	1	100	L 1	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	1	100	SENE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	1	100	NESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	1	100	SESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	12	100	NENE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	12	300	SWNE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	12	300	SENE	All	Access Road

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Additional POU (proposed), POA, APOA	20S	44E	12	300	NWSE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	12	300	SWSE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	12	300	NESW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	12	300	SESW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	13	300	NENW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	13	300	NWNW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	13	300	SWNW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	13	300	SENW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	13	300	NWSW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	13	300	SWSW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	14	300	NESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	14	300	SESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	23	300	NENE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	23	300	SENE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	23	300	NESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	23	300	NWSE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	23	300	SWSE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	23	300	SESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	23	300	SESW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	26	300	NWNE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	26	300	NENW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	26	300	SWNW	All	Access Road

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Additional POU (proposed), POA, APOA	20S	44E	26	300	SENW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	26	300	NWSW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	26	300	SWSW	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	27	300	NESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	27	300	SESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	34	300	NENE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	34	300	SENE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	34	300	NESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	34	300	SWSE	All	Access Road
Additional POU (proposed), POA, APOA	20S	44E	34	300	SESE	All	Access Road
Additional POU (proposed), POA, APOA	20S	45E	6	100	L 6	All	Access Road
Additional POU (proposed), POA, APOA	20S	45E	6	100	L 7	All	Access Road
Additional POU (proposed), POA, APOA	20S	45E	7	100	L 1	All	Access Road
Additional POU (proposed), POA, APOA	21S	43E	36	600	SENE	All	Mining Area
Additional POU (proposed), POA, APOA	21S	43E	36	600	NESE	All	Mining Area
Additional POU (proposed), POA, APOA	21S	43E	36	600	SESE	All	Mining Area
Additional POU (proposed), POA, APOA	21S	44E	3	100	L 1	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	3	100	L 2	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	3	100	SWNE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	3	100	SENE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	3	100	NESE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	3	100	NWSE	All	Access Road

RECEIVED

MAR 27 2019

13157

OWBD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Additional POU (proposed), POA, APOA	21S	44E	3	100	SESE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	10	100	NENE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	10	100	SENE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	11	100	NWNW	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	11	100	SWNW	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	11	100	NESW	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	11	100	NWSW	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	11	100	SWSW	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	11	100	SESW	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	21	100	SESE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	29	100	SENE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	29	100	NESE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	29	100	NWSE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	29	100	SWSE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	29	100	SESE	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	29	100	SESW	All	Access Road
Additional POU (proposed), POA, APOA	21S	44E	31	100	SWNE	All	Mining Area
Additional POU (proposed), POA, APOA	21S	44E	31	100	L 2	All	Mining Area
Additional POU (proposed), POA, APOA	21S	44E	31	100	NWSE	All	Mining Area
Additional POU (proposed), POA, APOA	21S	44E	31	100	SWSE	All	Mining Area
Additional POU (proposed), POA, APOA	21S	44E	31	100	L 3	All	Mining Area
Additional POU (proposed), POA, APOA	21S	44E	31	100	L 4	All	Mining Area

RECEIVED

MAR 27 2019

OWBD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Additional POU (proposed), POA, APOA	22S	43E	1	100	L 1	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	L 2	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	SWNE	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	SENE	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	NESE	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	NWSE	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	SWSE	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	SESE	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	SWSW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	1	100	SESW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	100	NENW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	100	NWNW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	100	SWNW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	100	SENW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	100	NESW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	101	NWSW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	101	SWSW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	12	301	SESW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	13	301	NENW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	13	300	NWNW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	13	300	SWNW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	13	100	SENW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

CODE	Twp	Rng	Sec	Tax Lot	Gov Lt / QtrQtr	POA	POU Description
Additional POU (proposed), POA, APOA	22S	43E	13	100	NESW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	13	300	NWSW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	13	100	SWSW	All	Mining Area
Additional POU (proposed), POA, APOA	22S	43E	13	100	SESW	All	Mining Area

RECEIVED

MAR 27 2019

OWRD

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.765)

MAY 1988

WATER RESOURCES DEPT.

(START CARD) #

MALH 2511 22S/44E/5ab
 9256

(1) OWNER: Well Number: SALEM, OR (9)
 Name Atlas Precious Metals
 Address 743 Horizon Ct. Suite 202
 City Grand Junction State Co Zip 81506

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other Auger

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well _____ ft.

Explosives used Yes No Type Amount

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	
12"	0 18			
10	18 425	Cement grout	0 26	19

How was seal placed: Method A B C D E
 Other
 Backfill placed from _____ ft. to _____ ft. Material ft. Cement Grout
 Gravel placed from 100 ft. to 245 ft. Size of gravel no. 8

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 10"	+2	99	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6"	+2	245	scr 80	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
 Perforations Method
 Screens Type AAOYARK Material PVC sch 80

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
380	420	.020		6"		<input type="checkbox"/>	<input type="checkbox"/>
145	255	325-355				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Artesian
 Yield gal/min Drawdown Drill stem at Time
100 40' 300 1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Malheur Latitude _____ Longitude _____
 Township 22S N or S, Range 44E E or W, WM.
 Section 5 NW ¼ NE ¼
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
40' ft. below land surface. Date 12-8-88
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 40'

From	To	Estimated Flow Rate	SWL
140-205	255	30 gpm	
320	355	50 gpm	
380	415	150 gpm	

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Overburden w/ boulders	0	17	0
Clay brown	17	140	0
Sandstone w/ blue clay	140	255	40
blue clay	255	320	40
Sandstone w/ blue clay	320	355	40
Blue clay	355	380	40
Fruited hard sandstone	380	415	40
Blue clay	415	425	40
=			
12-5-88 - 12-10-88			
+=====			
Redone surface seal to 26 feet using method 2 referring to letter sent January 9, 1989 Drilled around 10" casing to the depth of 26' using method C pumped 19 sacks of cement down hole			
3-30-89 - 3-31-89			
Incorporated to singel log per state request			
Date started <u>12-5-88</u> Completed <u>3-31-89</u>			

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 Signed Bob Doty WWC Number 1202
 Date 4-15-89

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
 Signed Bob Doty for Bill Doty WWC Number 325
 Date 4/15/89

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STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.785)

WATER RESOURCES DEPT
SALEM, OREGON

Malheur
2276

22S/44E/8ad

(START CARD) # W-14816

(1) OWNER: Well Number: _____
Name Atlas Precious Metals Inc
Address 318 A St
City Uale State OR Zip 97818

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 420 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
14 3/4"	0 28	PT CEMENT	0 28	19	
		VOLCLAY	300 SURFACE	40 Sacks	
		BENT PELLETS	295 300	3 BUCKETS	

How was seal placed: Method A B C D E
 Other TRACER
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 555 ft. to 295 ft. Size of gravel .030

Casing:	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
	6"	42	320	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	6"	340	400	"	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
 Perforations Method _____
 Screens Type WIRE WOUND Material LOW CARBON

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
320	340	.030			6"	<input type="checkbox"/>	<input type="checkbox"/>
400	420	.030			6"	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min 35 Drawdown _____ Drill stem at _____ Time _____
Temperature of water 64° F Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Malheur Latitude _____ Longitude _____
Township 22 S N or S, Range 44 E E or W, WM.
Section 8 SE 1/4 NE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
52 ft. below land surface. Date 12-6-89
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
320	340	20	
400	420	20	
		40	

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
SOIL	0	2	
CLAY	2	10	
BASALT	10	28	
BROWN CLAY	28	55	
SILTSTONE	55	130	
CLAY + GRAVEL	130	173	
CLAY + SAND	173	190	
BASALT	190	315	
BROWN CLAY	315	323	
BROWN CLAY + SAND	323	360	
BROWN SANDSTONE	360	395	
BLACK + RED SAND	395	408	
SANDSTONE COARSE	408	441	
CLAY + GRAVEL	441	447	
CLAY + SAND	447	555	

Date started 11/27/89 Completed 12-1-89

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed _____ WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed Terry Beard WWC Number 544 Date 12/1/89

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JAN 02 1990

215/44E/32bd
W-14815
Malheur
3306
(START CARD) # W-14815

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

WATER RESOURCES DEPT.
SALEM, OREGON

(1) OWNER: Well Number: PW-4
Name ATLAS PRECIOUS METALS
Address 318 A STREET WEST
City VALE State OR Zip 97918

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 375 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks	pounds
14 3/4"	0 40	PORTLAND CEMENT	0 40		19
9 7/8"	40 375	WALCLAY	5 275		40
		CEMENT	0 5		

How was seal placed: Method A B C D E
 Other _____

Backfill placed from 375 ft. to 370 ft. Material 10-20 MESH
Gravel placed from 370 ft. to 275 ft. Size of gravel 10-20 MESH

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 10"	0	40	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner: 6 5/8"	0	280	.250	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 5/8"	300	340	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(a) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type WIRE WOUND Material Low Carbon Steel

From	To	Slot size	Number	Diameter	Tele pipe size	Casing	Liner
280	300	.030		6"		<input type="checkbox"/>	<input checked="" type="checkbox"/>
340	360	.030		6"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min 100 Drawdown _____ Drill stem at _____ Time _____
Temperature of water 62°F Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: 280 STILL USABLE

(9) LOCATION OF WELL by legal description:
County MALHEUR Latitude _____ Longitude _____
Township 21S N or S, Range 44E E or W, WM.
Section 32 SE 1/4 NW 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
81 ft. below land surface. Date 11/17/89
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 280'

From	To	Estimated Flow Rate	SWL
280	300	100 gpm	81

(12) WELL LOG: Ground elevation 9350

Material	From	To	SWL
Aluvium	0	25'	
Clay	25	150'	
Sandy clay	150	175	
Sandstone	175	215	
Clay	215	275	
Sandstone	275	305	
Clay	305	325	
Sandstone and Conglomerate	325	365	
Clay	365	375	

Date started 11/16/89 Completed 11/20/89

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed [Signature] WWC Number _____ Date 11/20/89

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed Jerry Burd WWC Number 544 Date 11-20-89

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March 27, 2019

Shonee D. Langford
T: 503-540-4261
C: 503-807-2082
slangford@schwabe.com

BY HAND DELIVERY

Oregon Water Resources Department
725 Summer Street N.E., Suite A
Salem, Oregon 97301-1271

RE: Application for Permit Amendment (Permit G-10994)
Our File No.: 124158-183676

To Whom It May Concern:

Enclosed for filing on behalf of Calico Resources USA Corp is an Application for Permit Amendment with supporting documentation. Also enclosed is a check in the amount of \$2,850.00 to cover the application fee. I will serve as the applicant's agent.

Please note that the signed land use receipt is a scanned copy. I expect to receive the original receipt shortly, and will submit it as soon as possible.

Best regards,



Shonee D. Langford

SDL:asc
Enclosures

cc: Client (w/Enclosures, via e-mail)

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For Local Government Use Only

entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s):
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: Eric Evans Title: Planning Director

Signature: _____ Phone: 541-473-5185 Date: _____

Government Entity: Malheur County Planning Department

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: Calico Resources USA Corp

City or County: Malheur County Staff contact: Eric Evans

Signature: [Signature] Phone: 541-473-5185 Date: _____

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Revised 2/8/2010
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