



DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

901 South Stewart Street, Suite 2002
Carson City, Nevada 89701-5250
(775) 684-2800 • Fax (775) 684-2811
<http://water.nv.gov>

January 24, 2018

RE: M/O-2156-Amended expiration date

Walter Weinig
Esmeralda Minerals, LLC
108 North Minnesota Street
Carson City, Nevada 89703

Re: Request to use wells CV-7 and CV-8 as monitoring wells for mineral resource development within the Clayton Valley Hydrographic Basin (143), Esmeralda County, Nevada.

Proposed Coordinates: Universal Transverse Mercator (UTM) meters (m), North American Datum 1983 (NAD83).

CV-07 143 S02 E40 02 Bd [se¼ NW¼] UTM (m) E: 450,055, N: 4,175,143, APN: 006-281-02

CV-08 143 S02 E40 31 Ab [nw¼ NE¼] UTM (m) E: 448,955, N: 4,175,605, APN: 006-281-02

Dear Mr. Weinig,

This letter is in response to your waiver application received in this office on October 4, 2017. As provided in Nevada Administrative Code (NAC) 534.441 of the Regulation for Water Well and Related Drilling, permission is herewith granted to use wells CV-07 and CV-08 as monitoring wells as described within your submittal. This waiver expires on **November 8, 2018**.

The wells must in compliance with the regulations and statutes governing monitor wells. The wells must be plugged as provided by NAC 534.4365.

This waiver expires **November 8, 2018**. If the need for the wells exceed the expiration date, you will need to notify this office and request a one (1) year extension prior to the expiration date or the wells must be plugged as provided by NAC 534.4365.

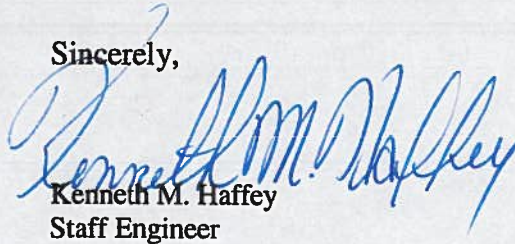
Please reference the above waiver number in all correspondence regarding these wells.

It is expressly understood that this authorization does not relieve the operator of the requirements of any other state, federal or local agencies.

RE: M/O-2156
January 24, 2018
Page 2

Should you have any questions regarding this matter, please contact me at the address above, by email at khaffey@water.nv.gov or at 775-684-2814.

Sincerely,



Kenneth M. Haffey
Staff Engineer

KMH/jw

cc: Timothy Donahoe

Tim Wilson, Well Drilling Regulation, e-mail

Jake Echeverria, Well Drilling Regulation, e-mail

Mike Scott, Well Drilling Regulation, e-mail



**DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES**

901 South Stewart Street, Suite 2002

Carson City, Nevada 89701-5250

(775) 684-2800 • Fax (775) 684-2811

<http://water.nv.gov>

November 9, 2017

RE: M/O-2156

Walter Weinig
Esmeralda Minerals, LLC
108 North Minnesota Street
Carson City, Nevada 89703

Re: Request to use wells CV-7 and CV-8 as monitoring wells for mineral resource development within the Clayton Valley Hydrographic Basin (143), Esmeralda County, Nevada.

Proposed Coordinates: Universal Transverse Mercator (UTM) meters (m), North American Datum 1983 (NAD83).

CV-07 143 S02 E40 02 Bd [se¼ NW¼] UTM (m) E: 450,055, N: 4,175,143, APN: 006-281-02

CV-08 143 S02 E40 31 Ab [nw¼ NE¼] UTM (m) E: 448,955, N: 4,175,605, APN: 006-281-02

Dear Mr. Weinig,

This letter is in response to your waiver application received in this office on October 4, 2017. As provided in Nevada Administrative Code (NAC) 534.441 of the Regulation for Water Well and Related Drilling, permission is herewith granted to use wells CV-07 and CV-08 as monitoring wells as described within your submittal. This waiver expires on November 8, 2018.

The wells must in compliance with the regulations and statutes governing monitor wells. The wells must be plugged as provided by NAC 534.4365.

This waiver expires November 5, 2018. If the need for the wells exceed the expiration date, you will need to notify this office and request a one (1) year extension prior to the expiration date or the wells must be plugged as provided by NAC 534.4365.

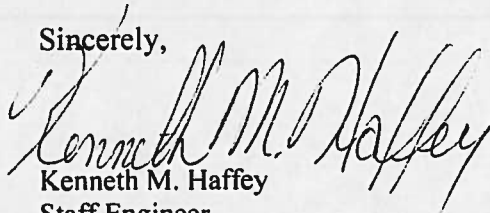
Please reference the above waiver number in all correspondence regarding these wells.

It is expressly understood that this authorization does not relieve the operator of the requirements of any other state, federal or local agencies.

RE: M/O-2156
November 9, 2017
Page 2

Should you have any questions regarding this matter, please contact me at the address above, by email at khaffey@water.nv.gov or at 775-684-2814.

Sincerely,



Kenneth M. Haffey
Staff Engineer

KMH/jw

cc: Timothy Donahoe

Tim Wilson, Well Drilling Regulation, e-mail

Jake Echeverria, Well Drilling Regulation, e-mail

Mike Scott, Well Drilling Regulation, e-mail

**IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)**

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

<u>Walter Weinig</u>	<u>V.P. of Projects and Permitting</u>	<u>Esmeralda Minerals, LLC.</u>
Name	Title	Company
<u>108 N. Minnesota Street</u>	<u>Carson City</u>	<u>NV 89703</u>
Street Address or PO Box	City or Town	State and ZIP Code

Telephone number of responsible party: (775) 882-9900

Estimated project dates: February 2015 Start Date Ongoing Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 32 T 02 S R 40 E, M.D.B. & M.

{	Latitude (N): <u> </u>	}	or	{	UTM (m) E: <u>450055</u>	}	Datum
	UTM (m) N: <u>4175143</u>				<u>NAD83/WGS84</u>		

County Assessor Parcel Number (APN): 006-281-02

Street Address (if any): not applicable (CV-07)

NDEP Order # (if any): not applicable

Purpose and duration of well(s):

The existing well is necessary for conducting resource characterization and monitoring efforts to support mineral resource development and permitting activities. Please refer to attached Well Driller's Report (Log).

If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

M/O -

The following items must be submitted with the waiver request:

- **A schematic drawing of the typical monitor well construction**
- **Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each $\frac{1}{4}$, $\frac{1}{4}$)**
- **Location Map (i.e., Large Scale, inch = miles)**
- **Site Detail Map (i.e., Small Scale, inch = feet)**

Signatory Contact Information:

(775) 828-6800
Telephone Number

5250 Neil Road, Suite 300
Mailing Address

Reno, NV 89502
City, State, ZIP Code

Timothy P. Donahoe
Printed Name


Signature

10/3/2017
Date

\$120 PER QUARTER-QUARTER FILING FEE MUST ACCOMPANY THIS REQUEST

IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO ABANDON A WELL

Notice of Intent # _____

I, Walter Weinig, V.P. Name & Title
ESMERALDA MINERALS, LLC. Company
108 N. Minnesota Street Address
Carson City, NV 89703
(775) 882-9900 Telephone Number

RECEIVED
2017 OCT -4 AM 10:33
STATE ENGINEERS OFFICE

of the real property located at:

Street address (if any) not applicable (Well CV-07)

County Assessor Parcel Number (APN) 006-281-02

Situated within the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 32 T 02 S R 40 E, M.D.B. & M.

{ Latitude (N): _____ } or { UTM (m) E: 450055 } Datum
{ Longitude (W): _____ } { UTM (m) N: 4175143 } NAD83/WGS84

and whereupon an existing well or wells are located or to be located, fully understand that I shall be responsible for, and shall cause the existing well to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.420 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada.

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

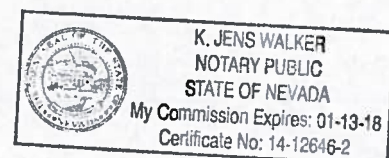
(Printed Name): Walter Weinig (Signature): *Walter Weinig*

State of Nevada

County of Washoe

Subscribed and sworn to before me on 07/18/17

by Walter Weinig

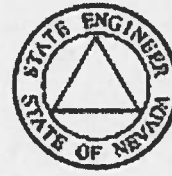


K. B. Walker
Signature of Notary Public Required

Notary Seal



**Division of Water Resources
Receipt for Payment**



Timothy Donahoe
3280 LAPWING LN
Reno, NV 89509

Check #: 131
Check Date: 10/3/2017
Date Received: 10/4/2017
Receipt #: 34639

FY	Amount	Permit #	Invoice #	Fee Type/Fee desc	Notes
2018	\$120.00	M/O WAIVER		- Waivers	COVERS M/O WAIVER X5
					CHECK TOTAL \$600.00

**IN THE OFFICE OF THE STATE ENGINEER OF THE STATE OF NEVADA
REQUEST FOR A WAIVER FOR OBSERVATION OR MONITOR WELL(S)**

The applicant and/or person or company responsible for drilling and plugging the temporary well(s):

<u>Walter Weinig</u>	<u>V.P. of Projects and Permitting</u>	<u>Esmeralda Minerals, LLC.</u>
Name	Title	Company
<u>108 N. Minnesota Street</u>	<u>Carson City</u>	<u>NV 89703</u>
Street Address or PO Box	City or Town	State and ZIP Code

Telephone number of responsible party: (775) 882-9900

Estimated project dates: February 2015 Start Date Ongoing Completion Date

Location of the well: **PLSS, GPS Coordinates and Map Datum are required.**

(If more than one well is to be installed for the same project, use the accompanying form to list each well.)

NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 31 T 02 S R 40 E, M.D.B. & M.

{	Latitude (N):	_____	}	or	{	UTM (m) E:	<u>448955</u>	}	Datum
	Longitude (W):	_____				UTM (m) N:	<u>4175605</u>		

County Assessor Parcel Number (APN): 006-281-02

Street Address (if any): not applicable (CV-08)

NDEP Order # (if any): not applicable

Purpose and duration of well(s):

The existing well is necessary for conducting resource characterization and monitoring efforts to support mineral resource development and permitting activities. Please refer to attached Well Driller's Report (Log) No. 127466.

If this waiver is an amendment or change to an original waiver, or if the property has other monitor wells installed, please give the original waiver number.

M/O - _____

The following items must be submitted with the waiver request:

- **A schematic drawing of the typical monitor well construction**
- **Affidavit of Intent to Plug a Well (Listing all wells by well ID/Name) (Separate Affidavit for each $\frac{1}{4}$, $\frac{1}{4}$)**
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(775) 828-6800

Telephone Number

5250 Neil Road, Suite 300

Mailing Address

Reno, NV 89502

City, State, ZIP Code

Timothy P. Donahoe

Printed Name



10/3/2017

Date

IN THE OFFICE OF THE STATE ENGINEER OF NEVADA

AFFIDAVIT OF INTENT
TO ABANDON A WELL

Notice of Intent # _____

I, Walter Weinig, V.P. Name & Title
ESMERALDA MINERALS, LLC. Company
108 N. Minnesota Street Address
Carson City, NV 89703
(775) 882-9900 Telephone Number

RECEIVED
2017 OCT -4 AM 10:33
STATE ENGINEERS OFFICE

of the real property located at:

Street address (if any) not applicable (Well CV-08)

County Assessor Parcel Number (APN) 006-281-02

Situated within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 31 T 02 S R 40 E, M.D.B. & M.

{ Latitude (N): _____ } or { UTM (m) E: 448955 } Datum
{ Longitude (W): _____ } { UTM (m) N: 4175605 } NAD83/WGS84

and whereupon an existing well or wells are located or to be located, fully understand that I shall be responsible for, and shall cause the existing well to be plugged in accordance with the provisions contained in Nevada Administrative Code (NAC) 534.420 and all other applicable rules and regulations for drilling/plugging wells in the State of Nevada.

I shall further make any purchaser of this parcel aware of these conditions.

Responsible Party

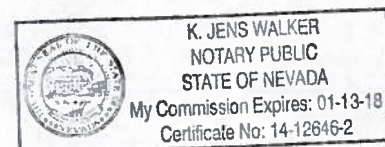
(Printed Name): Walter Weinig (Signature): *Walter Weinig*

State of Nevada

County of Washoe

Subscribed and sworn to before me on 07/18/17

by Walter Weinig



K. Jens Walker
Signature of Notary Public Required

Notary Seal

Nevada Division of Water Resources

Well Log Details

Download Well Log:



General Information

Well Log No:	127466	Basin:	143
Waiver No:	MM-213	Owner:	ESMERALDA MINERALS LLC
Permit No:	N/A	Well Name:	N/A CV-8
Date Received:	3/22/2017	Address:	N/A
Notice of Intent:	76473		

Location Information

Reference:	Mount Diablo	Parcel No:	006-281-02	Latitude:	37.73
Township:	02S	Lot No:	N/A	Longitude:	117.58
Range:	40E	Subdivision:	N/A	County:	ESMERALDA
Section:	31	Block No:	N/A	Work Type:	New
Quarters:	NW NE			Proposed Use:	Mining

Well Construction

Date Started:	11/21/2016	Perforations:	1656 ft	Static Water Level:	66 ft
Date Completed:	2/27/2017	From:	1189 ft	Pumping Water Level:	66 ft
Aquifer Desc:	N/A	To:	2845 ft	Method:	N/A
Hole Depth:	3192 ft	Perforation Interval:	1	Specific Capacity:	0.00
Surface Casing Diameter:	4.62 in	Depth of Seal:	519	Yield:	N/A
Cased To:	2874 ft	Draw Down:	0	Water Temperature:	N/A
Casing Reductions:	2	Gravel Packed:	Yes	After Hours Pump:	0
		From:	0 ft		
		To:	0 ft		

Drilling Contractor Information

Contractor's Lic No:	10157	Name:	BOART LONGYEAR COMPANY
Contractor's Drilling No:	0	Address:	2745 WEST CALIFORNIA AVENUE
Driller's Lic. No:	1809		

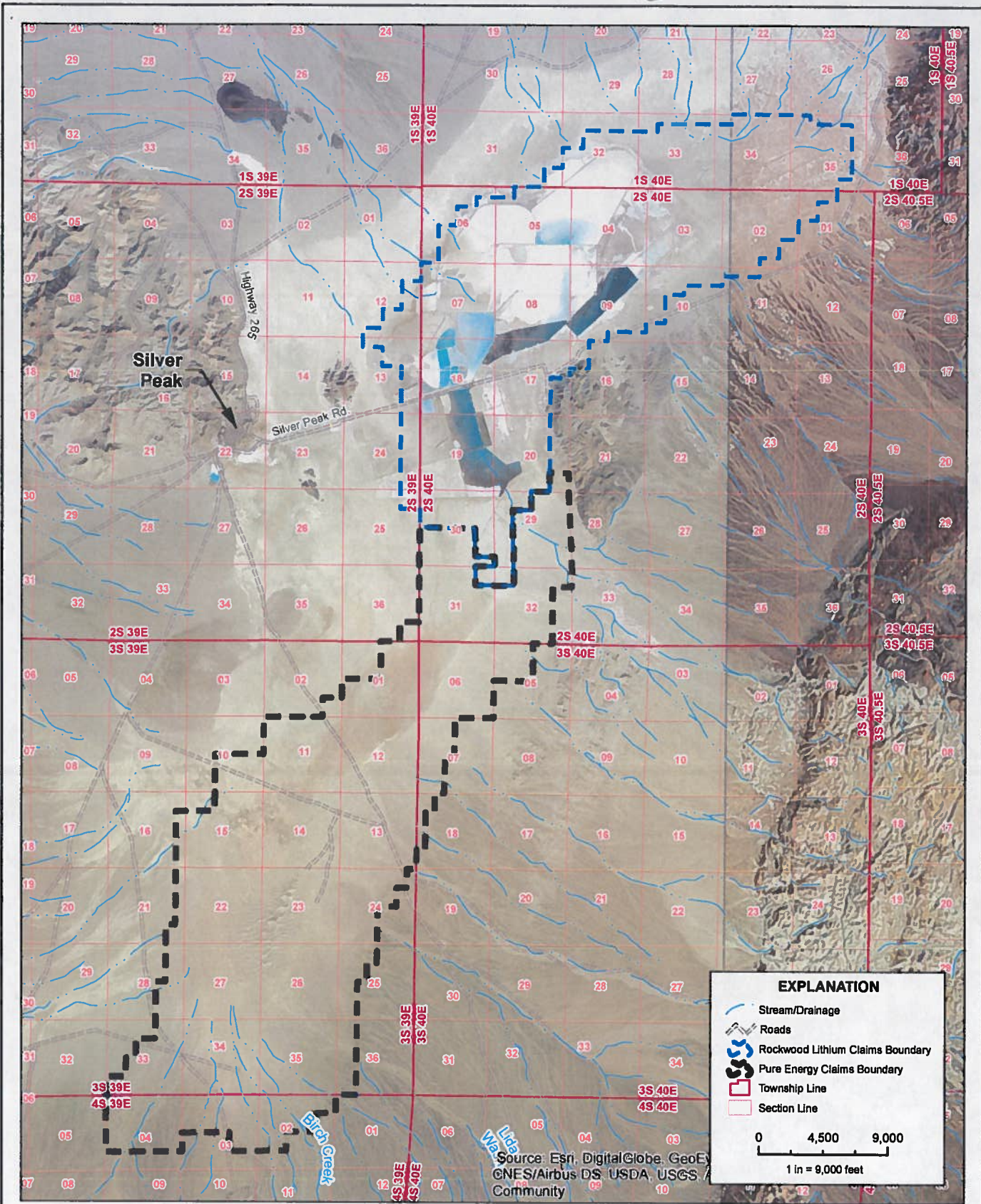
Remarks

Work Type:	N/A	General:	N/A	Additional:	N/A
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RECEIVED

2017 OCT -4 AM 10:33

STATE ENGINEERS OFFICE



DESIGN - REVIEWED: TD
DRAWN GK CHECKED -
SCALE: 1 inch = 9,000 feet
COORDINATE SYSTEM
NAD 1983 UTM Zone 11N

IF THE ABOVE BAR DOES NOT
SCALE 1 INCH, THE DRAWING
SCALE IS ALTERED

srk consulting

PureEnergy
minerals

DRAWING TITLE:

SITE LOCATION MAP

PREPARED FOR

ESMERALDA MINERALS, LLC.

DATE: 7/17/2017

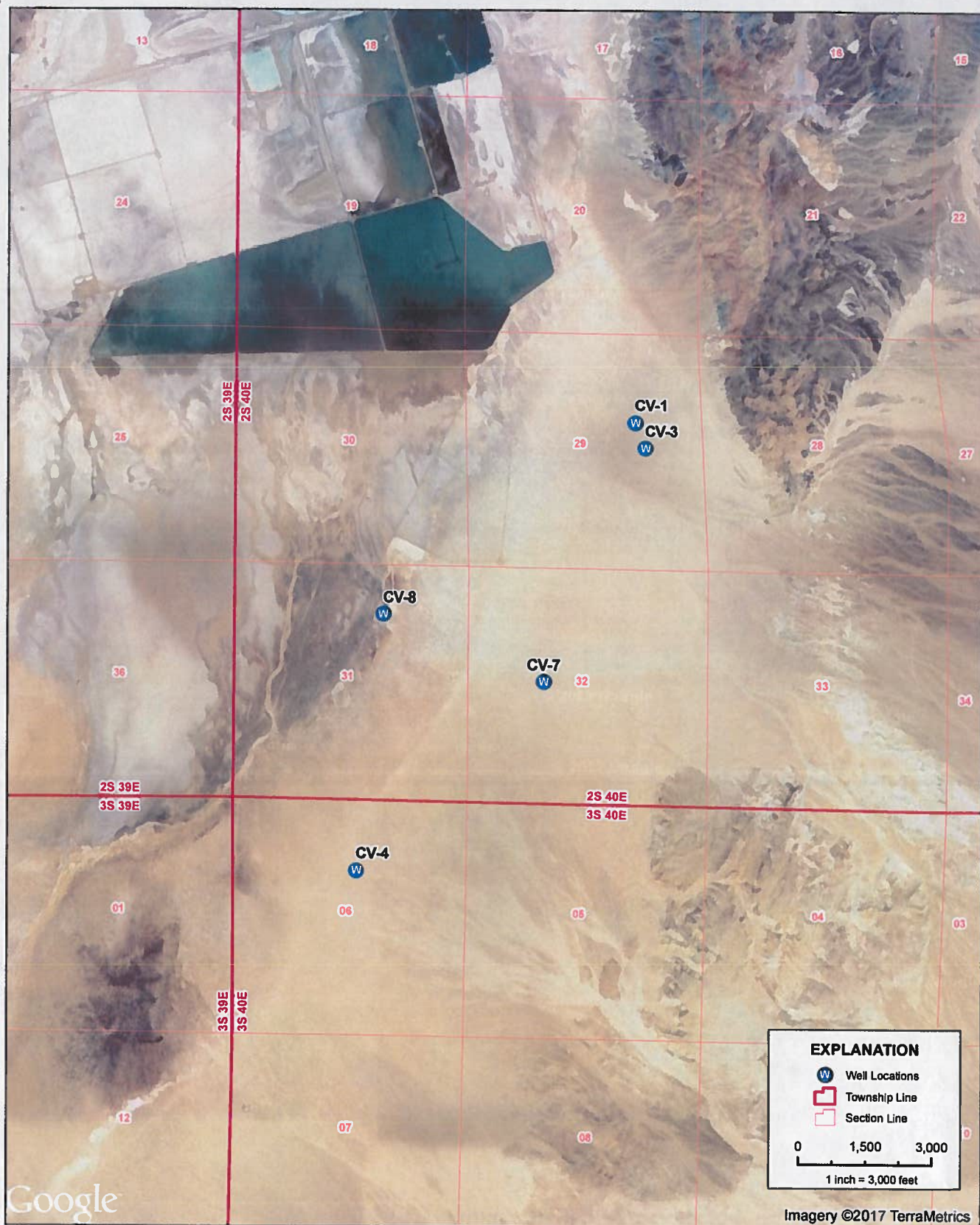
SRK JOB #: 483600.010

DRAWING NO

FIGURE 1

REV. NO.

A



EXPLANATION

- W Well Locations
- Township Line
- Section Line

0 1,500 3,000

1 inch = 3,000 feet

Imagery ©2017 TerraMetrics



DESIGN: -	REVIEWED: TD
DRAWN: GMK	CHECKED: -
SCALE: 1 inch = 1 miles	
COORDINATE SYSTEM:	
NAD 1983 UTM Zone 11N	
<div style="border: 1px solid black; padding: 2px; text-align: center;"> <small>IF THE ABOVE BAR DOES NOT SCALE 1 INCH, THE DRAWING SCALE IS ALTERED</small> </div>	

srk consulting

PureEnergy
minerals, llc

DRAWING TITLE:

WELL LOCATION MAP

PREPARED FOR:

ESMERALDA MINERALS, LLC.

DATE: 7/17/2017

SRK JOB #: 483600.010

DRAWING NO.

FIGURE 2

REV. NO.

A

October 3, 2017

Mr. Jason King, P.E.
State Engineer
Nevada Division of Water Resources
901 South Stewart Street, Suite 2002
Carson City, NV 89701-5250

RE: Applications for MO-Waiver(s) to Allow Use of Existing Wells for Monitoring Activities in Clayton Valley (10-143), Esmeralda County, Nevada

Dear Mr. King,

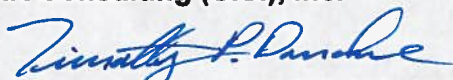
On behalf of Pure Energy Minerals Ltd. (PEM), SRK Consulting is submitting the subject waiver applications in the name of PEM's wholly owned subsidiary, Esmeralda Minerals, LLC. A check made payable to NDWR in the amount of \$600 is also included herewith to cover the statutorily mandated filing fees.

The waivers being applied for are necessary to allow use of existing wells CV-1, CV-3, CV-4, CV-7 and CV-8 for characterization and monitoring efforts to support PEM's mineral resource development and permitting activities for its Clayton Valley South project.

Thank you for your service and assistance in this matter – it is greatly appreciated. Should you desire additional information or clarification, please feel free to contact me at your convenience.

Sincerely,

SRK Consulting (U.S.), Inc.

A handwritten signature in blue ink, reading 'Timothy P. Donahoe'.

Timothy P. Donahoe, PLS, WRS, CEM
Senior Consultant (Hydrogeology and Water Rights)
tdonahoe@srk.com
775-828-6800

cc w/ enc: Patrick Highsmith (Pure Energy Minerals)
Walter Weinig (Pure Energy Minerals)
Paul Taggart (Taggart & Taggart, Ltd.)
SRK Project file: 483600.010

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STATE ENGINEERS OFFICE

U.S. Offices:

Anchorage 907.677.3520
Denver 303.985.1333
Elko 775.753.4151
Fort Collins 970.407.8302
Reno 775.828.6800
Tucson 520.544.3688

Mexico Office:

Guadalupe,
Zacatecas
52.492.927.8982

Canadian Offices:

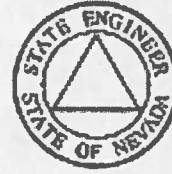
Saskatoon 306.955.4778
Sudbury 705.682.3270
Toronto 416.601.1445
Vancouver 604.681.4196
Yellowknife 867.873.8670

Group Offices:

Africa
Asia
Australia
Europe
North America
South America



**Division of Water Resources
Receipt for Payment**



Timothy Donahoe
3280 LAPWING LN
Reno, NV 89509

Check #: 131
Check Date: 10/3/2017
Date Received: 10/4/2017
Receipt #: 34639

FY	Amount	Permit #	Invoice #	Fee Type/Fee desc	Notes
2018	\$120.00	M/O WAIVER		- Waivers	COVERS M/O WAIVER X5
					CHECK TOTAL \$600.00