

86279

Application No. _____

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

THIS SPACE FOR OFFICE USE ONLY	
Date of Filing in State Engineer's Office _____	JUN 20 2016
Returned to applicant for correction _____	
Corrected Application filed _____	Map filed <u>Feb 20, 2015 Under 84853</u>

The applicant City of West Wendover, Nevada and City of Wendover, Utah
 P.O. Box 2825 _____ of West Wendover _____
Street Address or P.O. Box City or Town
Nevada 89883 _____ hereby make(s) application for permission to appropriate the
State and ZIP Code

public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)
City of Wendover, Utah incorporated October 25, 1950
City of West Wendover, Nevada incorporated April 16, 1991

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- The source of water is Underground
Name of the stream, lake, underground, spring or other sources.
 - The amount of water applied for is 1.0 second-foot, diversion rate only under a portion of Permit 49423
One second foot equals 448.83 gallons per minute.
 (a) If stored in a reservoir give the number of acre-feet _____
 - The water is to be used for Municipal
Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
 - If use is for:
 - Irrigation, state number of acres to be irrigated _____
 - Stockwater, state number and kind of animals _____
 - Other use (describe fully in No. 12) _____
 - Power:
 - Horsepower developed _____
 - Point of return of water to stream _____

10-787
13

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

Pequop Well No. 1, NW 1/4 NE 1/4 Section 21, T35N, R66E, MDB&M at a point from which the Northeast Corner of said Section 21 bears North 71 degrees 26' 44" East 2,067 feet (reference map submitted with application for Permit 84853).

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

Sections 7, 8, 9, 10, 15, 16, 17, and 18, T33N, R70E, MDB&M in Nevada and Sections 17, 18, 19, and 20, T1S, R19W, SLB&M in Utah (reference map submitted with application for Permit 49422).

7. Use will begin about January 1 and end about December 31 of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

16-inch diameter cased well completed to a depth of 540 feet BLS equipped with a 200 HP submersible motor and pump and 14-inch transmission pipeline to supply drinking water to municipal systems in Nevada and Utah.

9. Estimated cost of works: \$2.5-million

10. Estimated time required to construct works: Complete
(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 10 years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Project provides an additional source of drinking water for municipal public water systems owned and operated by the Applicants.

13. Miscellaneous remarks:

See Supplemental Information attached to this application.

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cmelville@westwendovercity.com

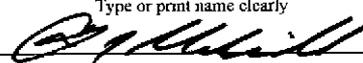
E-mail Address

775-664-3081

Phone No. Ext.

Chris Melville, Manager - City of West Wendover

Type or print name clearly



Signature, applicant or agent

City of West Wendover

Company Name

P.O. Box 2825

Street Address or PO Box

West Wendover, NV 89883

City, State, ZIP Code

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT



86279

SUPPLEMENTAL INFORMATION

Groundwater Basin 10-187 - Goshute Valley

Application to Appropriate Diversion Rate Only under Permit 49423

This supplemental information is attached to two applications filed by the City of West Wendover, Nevada and the City of Wendover, Utah (Applicants) to appropriate diversion rate only under existing Permit 49423 for the purpose of supplying water for municipal purposes to residents and customers served by the public water systems owned and operated by the Applicants. One application is for the northernmost point of diversion hereinafter referred to as Pequop Well No 1. The companion application is for the southernmost point of diversion hereinafter referred to as Pequop Well No. 2. Both points of diversion are located in Section 21, T35N, R66E, MDB&M.

In October 2013 the Applicants entered into a surplus water service agreement with Newmont USA Limited (Newmont) which required Newmont to drill and equip two new municipal wells and construct associated infrastructure to connect the new wells to the Applicant's transmission pipeline in exchange for Newmont's temporary use of Big Springs aka Johnson Spring (Spring) authorized under Permit 28527 and Certificate 12918. The location of the Spring within Newmont's Long Canyon Mine operations area, which is regulated by the Mine Safety and Health Administration (MSHA), made it difficult for the Applicants to access and operate the Spring. Inasmuch as the Spring typically provides a continuous diversion of 1.0 cubic foot per second (cfs) throughout the year to the public water systems the Applicants authorized Newmont to provide two wells to replace the flow from the spring; this to prevent an interruption of supply forced by mechanical failure of a single well.

Pequop Wells No. 1 and 2 are currently authorized under temporary permits 85997T and 85996T respectively. Both temporary permits are set to expire May 25, 2017. Two applications for a permanent change to the point of diversion authorized under Permit 49423 have been submitted by the Applicants concurrent with the diversion rate only appropriation applications. Each change application proposes to utilize one-half of the diversion and duty authorized under Permit 49423. The change application for Pequop Well No. 1 is essentially the same as the application for Permit 85997T and the change application for Pequop Well No. 2 is essentially the same as the application for Permit 85996T. It should be noted that, concurrent with the permanent change and diversion rate only appropriation applications, the Applicants have authorized the withdrawal of applications for Permits 84852 and 84853.

As explained previously, two wells were required to duplicate the uninterrupted flow supply from the Spring. In addition, the well sites were selected by Newmont based on the results of extensive geologic exploration activities and hydrogeologic analyses undertaken to secure permits to operate its Long Canyon Project. These new wells are important to the Applicants because they are significant sources of supply completed in basin fill recharged by the Pequop Range whereas the Applicant's other wells are completed in basin fill recharged by the Toano Range. As such, Pequop Wells No. 1 and 2 together represent generally distinct sources of drinking water resulting in greater source diversity and operational flexibility for the public water systems they serve. Thus, source redundancy in the new supply is another goal of the Applicants.

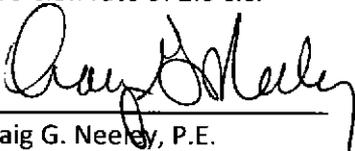
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Groundwater Basin 10-187 - Goshute Valley
Application to Appropriate Diversion Rate Only under Permit 49423
Page 2 of 2

In Summary:

the Applicants propose to apportion one-half of their sole remaining undeveloped groundwater Permit 49423 to each of Pequop Wells No. 1 and 2 and achieve the capability to divert the total diversion authorized under the existing permit from each well through diversion rate only appropriations with the anticipation that additional water rights could be secured in the future as needed to support additional diversion and or duty such that the diversion rate only appropriations could eventually be cancelled. The Applicants seek an uninterrupted and redundant municipal supply provided by Pequop Wells No. 1 and 2 which is especially important when considering that the relatively remote location of these wells requires workover rigs or cranes to pass through the MSHA regulated Long Canyon Mine Project area. This increases the likelihood that a single well equipment failure would result in an extended service disruption which could be aggravated by mining operations and MSHA regulations.

The Applicants do not propose to expand or otherwise increase either the diversion of 2.0 cfs or the duty of 1445 acre-feet authorized under Permit 49423. Rather, the Applicants propose to operate Pequop Wells No. 1 and 2 in an alternating fashion such that the diversion and duty limitations attached to Permit 49423 are not exceeded until such time that additional diversion is required and permitted to meet the demands of the public water systems. In the interim, it is the Applicant's position that the practice of operating one well or the other non-concurrently at a diversion rate of 2.0 cfs has the same effect on the basin fill aquifer and existing proximal points of diversion as operating one well at a diversion rate of 2.0 cfs.



Craig G. Neeley, P.E.
Nevada Water-Right Surveyor 1084

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