Appendix A

EXISTING WATER RIGHTS & PERMITS





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STATE OF WASHINGTON

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COMPUTER INPUT

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/ 21 - 75 PATE CENTIL AT FEE PLOUESTED ANOUNT DEE APPROVID 81 X 7-15 CERTIFICATION

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY



Surface Water (Neural or accordance -----Ground Water \square PRIORITY DATE PERMIT NUMBER CERTIFICATE NUMBER APPLICATION MUMBER G1-26816 December 8, 1992 G1-26816 P G1-26816 C City of Gold Bar ADDRESS (STREET) 408 Orchard Avenue Gold Bar Washington 98251 this is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially weed. PUBLIC WATERS TO BE APPROPRIATED Well TRIBUTARY OF IF BUFFACE WATERED MAXIMUM ACREFEET PER YEAR MAXIMUM CUBIC FEET PER SECOND MAGMUM GALLONG PER MANUTE *336 410 QUANTITY, TYPE OF USE, PERIOD OF USE Municipal supply *Total combined annual quantity from G1-26816 and all existing certificates for Gold Bar shall not exceed 336 acre-feet per year. LOCATION OF DIVERSION/WITHDRAWAL APPROXIMATE LOCATION OF DIVERSION-WITHORNWAL 1200 feet north and 1200 feet east of SW corner of Section 5

SW4 SW4	ALLEST LEGAL, RUBDIVISION	SECTION 5	27N	9E	7	Snohomish
		RECORDED PL	ATTED PRO	PERTY		
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	LEGAL DESCRIP	TON OF DOORS	TV 011 WWW	CH WATER IS TO B	EURED	

Area served by City of Gold Bar as described in their most recently approved Water System Plan and periodic updates as approved.

PROVISIONS

Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air line and gauge may be installed in addition to the access port.

This certificate is subject to the implementation of the minimum requirements established in the Interim Guidelines for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology and Conservation Programs, July 1990.

An approved measuring device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through 508-64-040 (<u>Installation, operation and maintenance requirements</u>). Meter readings shall be recorded monthly and this data shall be maintained and be made available to the Department of Ecology upon request.

In order to monitor the resource, static water level (SWL) shall be measured at least once each month. Measurements shall be taken after the pump has been shut off and the water level in the well has been stabilized. The data shall be maintained and made available to Ecology upon request. However, Ecology's Water Resources Section (NWRO) shall be notified if the SWL is determined to be below the level normally recorded at that time of year.

The total combined annual quantity from this well and all certificated water sources shall not exceed 336 acrefeet per year.

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.

This certificate of water right is specifically subject to relinquishment for nonuse of water as provided in RCW 90.14.180.

Given under my hand and the seal of this office at Bellevue, Washington,

this 31st day of August, 1995.

Department of Ecology

ENGINEERING DATA

Raymond K. Hellwig, Regional Supervisor, Shorelands & Water Resources

FOR COUNTY USE ONLY



STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

RECEIVED

AUG -8 1995

PROOF OF APPROPRIATION OF WATER

DEPT. OF ECOLOGY

APPLICATION NUMBER	I		PERMIT NUMBER
G1-26816		<u> </u>	G1-26816P
NAME OF PERMITTEE			
CITY OF GOLD BAR	GOLD RAR	- UA	0.8.2.5.1 (20° CODE)
P.C. BOX 197	16177	13(41)	
ACTUAL SOURCE OF APPROPRIATION			
PURPOSE OR PURPOSES WATER IS USED	FOR		
MUNICIPAL SUPPLY DATE WATER WAS COMPLETELY APPLIED	TO PERMITTED USE	IF USED FOR IRRIGATION NUMBER OF	ACRES ACTUALLY INFIGATED
12 - 8 - 92	OPT 100% 115521 150	MONTHS DURING WHICH WATER IS USE	
YES NO	DRI NOW INSTALLED	1 1 2 MONTHS YEARLY	
PUMP SIZE			
SYRON JACKSON 8 HOT		1,770 RPM 75 I	1 P
		X GPM	
410 GPN		CFS	
YES NO	PERMIT BEEN ACCOMPLISHED	IF NO, EXPLAIN	
LEGAL DESCRIPTION OF PROPERTY O	N WHICH WATER IS USED IU	SE ADDITIONAL SHEET IF NECESSAR	Yı
14, 17, Township 27 N	iorth, Range 9 Ea :am plan includin o water system pl	iship 28, Range 9 East ist, W.M. and any serving emergency intertie an. eroad legal ermit formi	rice area as Identific
read the above and foreg. ing	re	, heing first duly sworn, that I know the contents thereo	
stated are true.			
IN WITNESS WHEREOF		hand this! 3 day of	
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3. TAMTON'S.	120	n	
Sunsaling and The Paris	SILE/95" Ok For expursions	ertha Gilmore, Permittee Sign	

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

REPORT OF EXAMINATION

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

X Giodina Water	the Department of Ecology)	provisions of Chapter 363, Laint of We		HITFICATE HUMBER	
DATY DATE	LICATION HUMBER	PERMIT HUMBER		MIPLONIC	
ecember 8, 1992 G	1-26816				
M Could Don					
ity of Gold Bar	(OTY)		STATE)	982	
8 Orchard Avenue	Gold Bar	Wa Wa	shington		
PCA CII	PUBLIC WAT	ERS TO BE APPROPE			
LITARY OF A BLIVACE WATER					
	MAJONUM GALLONS	PER LINUTE		FEET PER YEAR	
			• 336		
COMPANIES FEELT PIEN BROWN	410				
	410				
ANTITY, TYPE OF USE, PERSON OF USE				2 11 Dec el	all act exce
funicipal supply		16 and all existing co	rtificates for	Gold Bar sh	all not excee
Nunicipal supply Total combined annual qua	antity from G1-268			Gold Bar sh	ail not excee
Municipal supply Total combined annual qua 36 acre-feet per year.	entity from G1-268	OF DIVERSION/WITHD		Gold Bar sh	all not excee
Municipal supply Total combined annual qual 36 acre-feet per year.	entity from G1-268	OF DIVERSION/WITHD		Gold Bar sh	all not excee
Nunicipal supply Total combined annual qua 36 acre-feet per year.	entity from G1-268	OF DIVERSION/WITHD		Gold Bar sh	all not excee
Nunicipal supply Total combined annual qua 36 acre-feet per year.	entity from G1-268	of OryERSION/WITHD er of Section 5	RAWAL		Loosett
funicipal supply Total combined annual qua 36 acre-feet per year. 200 feet north and 1200 feet	LOCATION C tet east of SW corn	er of Section 5	RAWAL.	Gold Bar sh	all not exceed
Municipal supply Total combined annual qua 336 acre-feet per year. Municipal supply Total combined annual qua 1200 feet north and 1200 feet	LOCATION C et east of SW corn	er of Section 5	RAWAL MORE OF CHIWAWA 3	WALA	Lonery
Vunicipal supply Total combined annual qua 336 acre-feet per year.	LOCATION C et east of SW corn	er of Section 5	RAWAL	WALA	Loosett

Area served by City of Gold Bar Municipal Water System within Sections 25, 26, 27, 34, 35, 36, Township 28, North, Range 8 East; Sections 1, 2, 3, Township 27 North, Range 8 East; Sections 30, 31, 32, Township 28, Range 9 East; Sections 2-11, 14-17, Township 27 North, Range 9 East, W.M. and any service area as identified in current water system plan including emergency intertie with Snohomish PUD and future updates to water system plan.



RECEIVED

AUG - 5 1994

DEPT. OF ECUROGY

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Northwest Regional Office, 3190 - 160th Ave. S.E. . Hellevue, Washington 98008-5430/4" (206) 647-2000

June 13, 1994

\$ 20.00 FEE PAID_

city of Gold Bar 408 Orchard Avenue Gold Bar, WA 98251

Wear Sir or Madam:

Water Application No. G1-26816

Your application has been approved and a permit will be issued in accordance with the enclosed Report of Examination upon payment of the statutory fee of \$20.00. Please make your check payable to the Department of Ecology.

This letter and the enclosed Report of Examination constitute our determination and order. Any person wishing to appeal this action may obtain review by submitting a written request, within thirty (30) days of receipt of this order, to the Washington Pollution Control Hearings Board, 4224 - 6th Avenue S.E., Bldg. #2, Lacey, WA 98504-0903.
Concurrently send to the Director of the Department of Ecology, Mail Stop 7600, P.O. Box 47600, Olympia, Washington 98504-7600, a copy of the request for review. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

Sincerely,

Ment Supposed Water Lighter,

Appelled Joseph Grand Water Lighter,

Ok to permit

MCS 8/31/54

An approved measuring device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through 508-64-040 (Installation, operation and maintenance requirements enclosed). Meter readings shall be recorded monthly and this data shall be maintained and be made available to the Department of Ecology upon request.

In order to monitor the resource, static water level (SWL) shall be measured at least once each month. Measurements shall be taken after the pump has been shut off and the water level in the well has been stabilized. The data shall be maintained and made available to Ecology upon request. However, Ecology's Water Resources Section (NWRO) shall be notified if the SWL is determined to be below the level normally.

The total combined annual quantity from this well and all certificated water sources shall not exceed 336 acre feet per year.

REPORT BY:

DATE

6/17/14

Well 8" x 720'

-	DEVELOPMENT SCHEDU	LE
SCORE LANGUE OF THE PARTY OF TH	1 year from permit issuance	20 years from permit issuance

BACKGROUND:

This application was received on December 8, 1992 requesting 750 gpm (gallons per minute) from a well for municipal supply.

Notice was published in the Monroe Monitor-Valley News on September 15 and 22, 1993. No protests were submitted regarding the appropriation request.

INVESTIGATION:

Evaluation of this application consists of review of office records, visit to the site on March 4, 1994, and conversations with representatives for the City of Gold Bar.

The City of Gold Bar is in the Skykomish River Valley thirty miles east of Everett in Snohomish County. The well site for well #4 is one half mile from the Skykomish River and one-quarter mile from May Creek being within SW¼ SW¼ of Section 5, T. 27 N., R. 9 E., W.M. of Snohomish County.

The city holds paper rights for the following sources and quantities.

File #	Source	cfs/gpm	Acre ft.	Condition
SW cert 3659	Olney Creek	3.0 cfs		
G1- 00004C	wells 1 & 2	180 gpm	*336	*supplemental to 3659
G1- 23602C	well 3	150 gpm	*160	*total diversion/withdrawal from all existing sources not to exceed 336 af/yr

Gold Bar currently obtains all their water from the three wells covered by the two referenced ground water certificates. There is an intertie with Snohomish County PUD but only for emergency use. The city has 350,000 gallons of storage with an additional 250,000 gallon storage underway.

Gold Bar intends to use the deep well to replace wells 1,2, and 3 which are developed next to May Creek in a shallow water table aquifer. With a maximum pumping capacity of the three wells the city is not able to meet peak day demand requirements of the Health Department; the new well should meet the deficiency needed to satisfy Health's criteria. Once well #4 is on line, wells 1,2, and 3 will be used as emergency standard source of water.

Well #4 development details were obtained from the engineering report prepared by Geo Engineers. The well was drilled in November 1993 to a depth of 720 feet. After well completion shut in pressure of the well was 25 psi which corresponds to a pressure head of approximately 60 feet above land surface. A stepped rate pump test was conducted on February 25, 1994 which determined that the well could be pumped at a constant rate of 410 gpm. On February 28, 1994, the 24 hour constant rate pump test was conducted which resulted in a total drawdown of 343 feet (283 feet below the ground plus 60 feet of artesian pressure). Full recovery to pre test conditions of 25 psi shut in pressure occurred in 4.2 minutes after pumping stopped. The consultants recommended and the applicant agrees that the well be designed to pump at a maximum rate of 410 gpm. Based on the pump test results, this application will be considered for a maximum of 410 gpm rather then the applied quantity of 750 gpm.

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	CERTIFICATE RECO	ND NO8	, PAGE NO	3659	Ben
959690	STATE OF WASHINGTON, CO.	UNTY OF SHO	hemish		.455 m.:
	CERTIFICATE ()F SURFA	CE WATE	R RIGHT	
(în acı	rordance with the provisions of Chapt and regulations of				the rules
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of	Gold Bar	, State o	y Washin	gton	, has ma
proof to the	satisfaction of the State Su	pervisor of Hydi	nulics of Washi	iglon, of a righ	it to the use
	Olney_Creek				
	points of diversion within t				
Sec25	, Twp. 28 N., R. 8	E W. M., unde	r Appropria	ition Permit	No. 6405
issued by the	State Supervisor of Hydra	ulics, and that so	iid right to the us	e of said water	s has been pe
	ordance with the laws of W				
Hydraulics of	Washington and entered of	record in Volum	ne8, at P	age 3659_, or	the306
day of	June, 1	19. <u>50</u> ; that the	priority date of	the right hereb	y confirmed
	ugust 20, 1949				
for the follow	ving purposes is limited to	an amount act	ually beneficiall	y used and sho	ill not excee
	3.0 cubic foot per				
	municipal supply.				
place where so Within the	tion of the lands under su uch water is put to beneficie corporate limits of reas served by the 0	al use, is as follows:	ws: f Gold Bar a	nd Startup	
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				• '	

The right to the use of the water aforesaid hereby confirmed is restricted to the lands or place use herein described, except as provided in Sections 6 and 7, Chapter 122, Laws of 1929.

WINESS the scat and signature of the State Supervisor of Hydrautics afficed this 30th do of June 1950.

June 1950.

Zitz F. M. Request of State of Washington 3EO. P. DUBUQUE, County Auditor, Snohomish Co. Wash

1

S. F. No. 7361-(Rev CERTIFICATE RECORD NO. _____, PAGE NO.GL.GODOGC STATE OF WASHINGTON, COUNTY OF..... Enchomish

CERTIFICATE OF GROUND WATER RIGHT

(Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology thereunder.)

THIS IS TO CERTIFY That	GOLD BAR COMMUNITY WATER ASSOCIATION
of	Gold Bar, Washington , has made proof
to the satisfaction of the Department of Ecology	of a right to the use of the public ground waters of
the State of Washington from	two (2) wells
located within	Government Lot 4 within the Town of Gold Ba
Sec	1.,
for the purpose(ss) of	municipal supply
under and specifically subject to provisions con	tained in Ground Water Permit No. G1-00004P
issued by the Department of Ecology and that said	l right to the use of said ground waters has been per-
fected in accordance with the laws of Washington,	, and is hereby confirmed by the Department of Ecology G1-00004C
and entered of record in Volume at page	; that the priority of the right hereby confirmed
dates from August 2h, 1970 ; that the q	uantity of ground water under the right hereby con-
firmed for the aforesaid purposes, is limited to an	amount actually beneficially used for said purposes,
and shall not exceed	180 gallons per minute; 336 acre-feet
.per_year,continuouslyformunicipalsu	pply
A description of the lands to which such gr	round water right is appurtenant is as follows:

Area served by the Gold Bar Community Water Association.



The right to use of water aforesaid hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390 and 90.44.020.

This certificate of ground water right is specifically subject to relinquishment for nonuse of water

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

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May 14,	1980		C1 - 23602							
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(SEE HEVENSE SIDE)

CENTIFICAT

12. (13) voj. 1803 page 1.492

The total annual diversion/withdrawal from all water right sources held by the Town of Coldbar shall not exceed 336 acre-feet per year. The Park Hope

An approved measuring device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through WAC 508-64-040.

All water wells constructed within the state shall meet the minimum standards for construction and maintenance as provided under RCW 18.104 (Washington Water Well Construction Act of 1971) and Chapter 173-160 WAC (Minimum Standards for Construction and Maintenance of Water Wells).

The right to the use of the water aforesald hereby confirmed is restricted to the lands or place of use herein described, except as provided in RCW 90.03.380, 90.03.390, and 90.44.020.

p in the par This certificate of water right is specifically subject to relinquishment for nomine of water as provided in RCW Washington, this 15th day the state of the state of

Given under my hand and the seal of this office at

Redmond

Department of Ecology

ROBERT K. McCORMICK, Regional Manager

FOR COUNTY USE ONLY

VOI. 1803 PAGE 1493