· ·	Application 1	No. G. 7907			FEES PAID	
Name ZOrregon Berry Packing Co.		No. G	2	Date 3-10-77	Amount /	Receipt No.
By		. , , , , , , , , ,				0.0.10.0
Route 4, Box 197 A Address Hillsboro, Oregon 97123	Certificate 1	No		•		·
	·	2-15/	APR 19,1982		••••••	
	Stream Inde	ex, Page No. 2-156	peciajoraei neuura vui 🏄 - P			
	•	3. W. 12.	becial outer venous Asi *******	13.7	Cert. Fee ES REFUND	 DED
10 March 1977 Date filed		$c \int_{\mathbb{R}^n}$	T. Pe	Date	Amount	Check No.
Priority March 10,1978			to fr			
Action suspended until	Date	To Whom	ASSIGNMENTS	Address	Volum	ne Page
Return to applicant			<i>h</i>			
Date of approval JUL 2 5 1978		1 1 King				
CONSTRUCTION	1		REMARKS			
Date for beginning JUL 2.5 1979	Card for A JUL/3	0 1979				
Date for completionQCI.11979	CARD FOR COC	2 3 1981		•••••		
Extended to					•••••	
		1 10				
Date for application of water 0CT 1 1980		<u> </u>				
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PROSECUTION OF WORK	<u> </u>			•••••		
Form "A" filed 8-10-29	( M	\				
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FINAL PROOF	1 10					
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Proof received						
Date certificate issued						
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6	Form B (690—9-77)	NOTICE OF COMPLETION O	Application No.	6-7907
	20 W W	SERRY PACKING CO c waters of the state of Oregon, co		
0	therem on the	day of fund  SYSTEMS 11 BUE BE  orks have less capacity than described in the periods.	, 19.78	ON
	OR THE PENO	orks have less capacity than described in the period of the HAS BEEN that our records may not be unnecessarily encum	WAT IRRIGATED IN	
	Oregon Barry Pack	EREOF, I have hereunto set my han and to the Water Resources Department, Sa	RT 4 BOX 197A HILLE	1080 OREG 97133
	Form A (690-9-77)		Application No	G-7907
	therein on the	c waters of the state of Oregon, be day of IRRIGATION E	egan the actual construction of the	works described
	authorized by your permit.  IN WITNESS WH  Oregon Berry Pock (Signatur	TOP INDER MINTER BRILLIAM  ERECT, I have hereunto set my har beginning of the state of this statement, and any additional any additional and any a	nd this 8 day of Ouges  RT 4 BOX 197B, HILLS BOX (Address)	T , 1979.

# RECEIVED DEC 91981

WATER RESOURCES DEPT SALEM, OREGON

Water Resources Director 1178 Chemeketa St., N.E. Salem, Oregon 97310

Dear Sir:

I hereby authorize the cancelation of my application

No. 6-7907, permit No. 6-8/42, which defines a right to the use of 0.8/ cubic feet per second of water from Wells 1,2,3,54 for fish culture 9 year around irrigation of 65.1/ acres.

Very truly yours,

Signature
Rog Incleud Partner

Title

Parant was signed by Lowis R. Motensky JaPartner

2/8/8/

The above of beginning the time of the state of the state



## Water Resources Department

### MILL CREEK OFFICE PARK

555 13th STREET NE SALEM, OREGON 97310

PHONE 1-800-452-7813 or 378-8508

June 2,-1980

Lewis R. Melensky, Jr., Partner Oregon Berry Packing Company Route 4, Box 197A Hillsboro, OR 97123

Dear Mr. Melensky:

REFERENCE: File Number G-7907

We have received your application for extension of time on the Oregon Berry Packing Company Permit G-8142, along with the statutory fee in the amount of \$10. This permit describes the appropriation of 0.81 cfs of water from four wells for fish culture and irrigation.

The permit presently allows until October 1, 1980 in which to apply water to beneficial use, so an extension would be inappropriate at the present time. The information in your request deals with crop rotation requiring an extension to 1981 and it may be that this will still be necessary come fall.

We will, therefore, hold action on the extension for a few months, at which time I will contact you again to see that the request is still necessary to October 1, 1981, at which point we will be able to act on it. We will undoubtedly require some further information at that time to determine what was accomplished during the 1980 irrigation season.

If you would prefer, however, we would be glad to refund the \$10 upon your request to withdraw this extension and then wait until the fall of 1980 for you to request an extension. If I do not receive correspondence from you in the near future, I will assume that your intent would be to wait till fall and renegotiate this application.

Sincerely,

BRUCE A. ESTES, Supervisor Survey-Certificate Section

BAE 1072A



## Application for Extension of Time

WATER RESOURCES DIRECTOR OF OREGON

I. OREGON BERRY PACKING CO

RT 4 BOX 197 A

HILLSBORD OREGON 97123

WATER SALEM OREGINA

record owner of water right permit No. G8142 do hereby request that the time in which to:

- complete the construction of works and/or purchase and installation of the equipment necessary to the use of water, which time now expires on October 1, 19....., be extended to October 1, 19.....; and/or the time in which to
- 🔀 accomplish beneficial use of water to the full extent now intended under the terms of said permit, which time now expires on October 1, 1977, be extended to October 1, 1987.

I have accomplished the following described works and/or purchase and installation of equipment necessary to the use of water under said permit:

within the past year ALL DECCRIBED WORKS AND EQUIPMENT NECESSARY

HAD BEEN COMPLETED AND FINISHED BY JUNE 1, 1979.

prior to this past year (COMMENT - WE THOUGHT WE HAD UNTIL BEROLT, 1980 TO FILE BECAUSE THAT'S WHEN A GROUP OF APPLICATIONS WERE DUE. PLEASE ACCEPT THIS EXTENTION OF TIME APPLICATION. ) and have accomplished beneficial use of water to the extent of (IF FOR IRRIGATION, STATE HOW MANY ACRES HAVE BEEN IRRIGATED) 34 ACRES HAVE BEEN IRRIGATED. DUE TO

CROP ROTATION, AN ADDITIONAL 2 YEARS IS REQUESTED TO FINISH

IRRIGATING THE 65.11 ACRES.

(If additional space is required, attach separate sheet)

Oxegon Barry Packing Co by Louis R Melensky & Postner (Il signing for a corporation place identify your title)

Dated May 15, 1980

MAIL COMPLETED APPLICATION AND STATUTORY FEE OF \$10.00 TO:

> Water Resources Department Mill Creek Office Park 555 13th Street, N.E. Salem, Oregon 97310



## Water Resources Department

#### MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-8508

September 4, 1980

File No. G-7907

Oregon Berry Packing Company Route 4, Box 197-A Hillsboro, OR 97123

#### Gentlemen:

Your application for an extension of time limit in which to make complete application of water under the terms of your permit numbered G-8142 has been received. We also have your check in the amount of \$10.

The application indicates reasonable diligence has been exercised toward completion of the proposed project; therefore, the time limit to make complete application of water is being extended to October 1, 1981.

You should make every attempt to complete your project on or before that date because it is doubtful if any further extensions can be granted.

Sincerely,

Bruce A. Estes, Supervisor Survey-Certificates Section

BAE:1rs

Enclosure: Receipt No. 17662

RECEIVED

MAR 1 01977

TROUTERTY DESCRIPTION

30 ACCOMPANY

WATER RECHT APPLICATION

FOR

SECTIONS 18 & 19, TIS, RZW, W. M. WASHINGTON COUNTY, OREGON

Parcel

A part of Section 18, T18, R2W of the W. M. more particularly described as beginning 10 chains south of the northwest corner of the Littleton Lindsay claim; thence east 9 chains to the southeast corner of a 5 acretiact conveyed to George Williams by dead recorded in Book 75, page 20. Deed Records; thence morth 5 chains to the northeast corner of said Williams tract; thence east 30.50 chains; thence south 25.035 chains to the northeast corner of a tract conveyed to G. Lockman by deed recorded in Book 80, page 224, Deed Records; thence west along the north line of said Lockman tract 39.50 chains; thence north 20.055 chains to the place of beginning. Also beginning on the west line of the Littleton Lindsay claim, 660 feet south of the northeast corner of the N. C. Richardson claim; thence east 745 feet to the center of McDuillan road; thence N 6 3 east 330 feet; thence north 89° 21' west 72.6 feet; thence south 0° 16' west 310 feet; thence south 88° 23' west 709.5 feet to the place of beginning. Except a 2.82 acre tract conveyed to F. Bernard Thiefs by deed recorded in Book 92, page 339, Deed Records and except also a 11.32 acre tract conveyed to Frank Hillecke by deed recorded in Book 92, page 338, Beed Records, and except also a 5.81 acre tract of land conveyed to G. C. Blohm by deed recorded in Book 93, page 456, Deed Records, and except also a 63 acre tract conveyed to Edward J. Kressin and wite by deed recorded in Book 171, Page 493, Deed Records.

Application No. 6-7907 Permit No. Parcel II.

Beginning at the southwest corner of that certain 77.0 acre tract of land conveyed to Carl J. and Hannah Sacarlasen by deed as recorded on page 528 of Volume 123 of Washington County, Oregon Deed Records, which point of beginning bears south 0° 06' east 2031.7 feet from the northeast corner of the N. C. Richardson D. L. C. Number 63. Thence from the described point of beginning north 0° 06' west in the County Road a distance of 1216.5 feet to a point which bears south 0° 06' east 815.1 feet from the northeast corner of said Richardson D. L. C.; thence north 88° 16' east 31.3 feet to an iron pipe on the easterly line of the County Road; thence continuing north 88° 16' east 677.2 feet to an iron pipe; thence south 89° 30' east 1121.1 feet to an iron on the westerly line of County Road No. 373; thence continuing south 89° 30' east 20.0 feet to a point in the center of said Road; thence south 84° 31' east in the center of said road 87.0 feet to a stone; thence south 84° 31' east in the center of said road 332.7 feet to an angle in same; thence south 37° 29' east in the center of said road 187.2 feet to a point; thence south 0° 21' west along the easterly line of said Sacariasen tract 32.6 feet to an iron pipe; thence continuing south 0° 21' west along the easterly line of said tract 912.6 feet to an iron at the southeast corner thereof; thence south 89° 43' west along the south line of said Sacariasen tract 68.0 feet to an iron at the northeast corner of the Lockman land; thence continuing along the southerly line of said Sacariasen tract south 89° 37' west 2218.7 feet to the place of beginning, containing 63.00 acres.

Application No. G-7907 Permit No.

Beginning at the northwest corner of that tract of land conveyed to Florence Withycombe by Deed recorded April 27, 1932, in Book 149, Page 226, Deed Records, Washington County, Oregon, said point being in Section 18, Township 1 South, Range 2 West, thence south 00° 05' 45" east 2964.04 feet to the northwest corner of that tract of land conveyed to Richard J. Landon, et ux, by Warranty Deed recorded August 28, 1974 in Book 990, Page 457, Records of Washington County, Oregon; said northwest corner being in Section 19, Township 1 South, Range 2 West, Willamette Meridian, thence north 89° 33' 30" east 265.0 feet to a point in the center of a creek; thence following center of said creek through a pond south 35° 29' east 95.82 feet; thence south 13° 30' east 209.96 feet; thence south 38° 00' east to the most westerly corner of that tract of land conveyed to David B. Radmacher, et al, by Warranty Deed recorded August 28, 1972, in Book 884, Page 918, Records of Washington County; thence along the north line of said Radmacher tract north 58° 26' 30" east 167.71 feet to an iron rod; thence south 89° 33' 30" east 313.84 feet to a point in the center of Minter Bridge Road; thence following said center line north 00° 12' west 1882.18 feet to the southeast corner of that tract of land conveyed to Jessie R. Tucker, et ux, by Warranty Deed recorded November 22, 1971 in Book 844, Page 255, Records of Washington County, Oregon; thence along the south line of said Tucker tract south 89° 48' west 440 feet to the southwest corner of said Tucker tract; thence along the west line of said Tucker tract north 00° 12' west 190.0 feet to a point 10 feet north of the northwest corner of said Tucker tract; thence parallel to, and 10 feet north of the north line of said Tucker tract north  $89^{\circ}$  48' east 440 feet to a point 10 feet north of the northeast corner of said Tucker tract; said point being in the center of Minter Bridge Road; thence north 00° 22' east along the east line of the said Withycombe tract 1212.58 feet to the northeast corner of said tract; thence north 89° 19' west 954.12 feet along the north line of said Withycombe tract to the point of beginning. Excepting that portion of said lands lying south of the creek in T. L. 302.

Excepting and reserving that portion of the hereinabove described real property described as follows, to-wit:

Beginning at the northwest corner of that certain tract of land conveyed to Jessie Tucker by Warranty Deed recorded November 22, 1971, in Book 844, Page 255, Records of Washington County, said tract of land lying in Section 19, Township 1 South, Range 2 West, Willamette Meridian, Washington County, Oregon; thence north 00° 12' west 10 feet to a point; thence parallel to and 10 feet north of, the north line of said Tucker tract north 89° 48' east 440 feet to a point in the center of Minter Bridge Road; thence south 00° 12' west along the center of said road 10.0 feet to the northeast corner of said Tucker tract; thence south 89° 48' west 440 feet along the north line of said Tucker tract to the point of beginning.

Application No. G-1907 Permit No.

#### RECEIVED

MAR 1 0 1977
TER PESOURCES DEPT.
TM, OREGON

Permit No G. G 8142

APPLICATION FOR A PERMIT

G7907

## To Appropriate the Ground Waters of the State of Oregon

I,Oregon Berry Packing Company (Name of applicant)	
of Route 4. Box 197A, Hillsboro, Oregon 97123 , county of Washington (Postoffice Address)	
state of, do hereby make application for a permit to appropri	ate the
following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:	
If the applicant is a corporation, give date and place of incorporation	
<u> </u>	
1. Give name of nearest stream to which the well, tunnel or other source of water develope	nent is
situated Tualatin River (Name of stream)	
tributary of Willamette River	······································
2. The amount of water which the applicant intends to apply to beneficial use isQ.81	. cubic
feet per second or gallons per minute.	
3. The use to which the water is to be applied is irrigation and to maintain	
"Old Home Place Pond" for fish culture.  WELL #1 - 537" H1'E 1172.49 FROM THE D.E COL. N.C., RIC	CHERDSON DU
4. The well or other source is located ft and ft from the	
corner of (see attached map and refer to Certification No. GR-460)	863
WELL #2 5340 22 E 1304, 25 FROMSECTION OF SUPPLYISION ONER OF N.C. PICHARDSON DACE WELL #3 5380 22E #591.74	~
(II preferable, give distance and bearing to section corner)	
WELL #4 554 56E 8400,09 WELL# 162 (If there is more than one well, each must be described. Use separate sheet if necessary)	
being within the SEN SWY of Sec. 17, Twp. 19, R. 2, WELL 3 WELL 4 WEST NEW	w ,
5. The pipeline - PORTROLE to be 2,140 feet (Canal or pipe line)	
in length, terminating in the NW NW NW of Sec. 19. Twp. 18.	,
R. 2W , W. M., the proposed location being shown throughout on the accompanying map.	
6. The name of the well or other works is	
DESCRIPTION OF WORKS	
7. If the flow to be utilized is artesian, the works to be used for the control and conservation	of the
supply when not in use must be described.	
March De Address of the Sold of the Control of the	
The same that th	
8. The development will consist of 4 existing wells (see Certification No. has Give number of wells, tunnels, etc.) GR-460)  diameter of inches and an estimated depth of feet. It is estimated that  feet of the well will require casing. Depth to water table is estimated	ving a
(Give number of wells, tunnels, etc.)  GR-460)	20 10 20
mameter of the inches and an estimated depict of the inches and the estimated that	- 3
and the second s	1.0
eet of the well will require casing. Depth to water table is estimated	D COMPANY OF THE

County of Marion, This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 0.81 cubic feet per second measured at the point of diversion from the spell

or source of appropriation, or its equivalent in case of rotation with other water users, from 4 wells, being 0.20 c.f.s. from Well #1, 0.12 c.f.s. from Well #2, 0.30 c.f.s. from Well #3, and 0.19 c.f.s. from Well #4.

The use to which this water is to be applied is Fish Culture from Well #4 and irrigation from all wells; the use allowed herein may be made anytime between October 1 and. April 30 when water can be put to beneficial use by irrigation for immediate crop 

If for irrigation, this appropriation shall be limited to ... 1/80th . of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed \_? ...

acre foot per acre for each acre irrigated during the period from October 1 to April 30, provided further that the right allowed herein shall not exceed 2½ acre feet for each acre irrigated in any one year. The use of water during the period from October 1 to March 31 as authorized herein shall not establish priority of right as against future appropriations of ground water for beneficial uses other than similar rights for irrigation from October 1 to March 31. Provided further, the permitee shall re-cord and submit annually a report of all water used for irrigation during the period of October 1 through April 30 of each year,

The state of the s 2 377 and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring

line, adequate to determine water level elevation in the well at all times. The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

	The priority date of this permit is		March 10	1977	-44
<b>.</b> .	Actual construction work shall beg		Ju]y 25	1979	and shall
there	eafter be prosecuted with reasonable	e diligence and	be completed or	or before Octobe	r 1, 19.79
	Complete application of the water t	to the proposed	use shall be mad	e on or before Octo	her 1 19 80

WITNESS my hand this \_\_\_25th\_ day of Oregon, 9 in

GROUND C 8142 first received STATE THE OREGON WATERS OF THE 0 o'clock APPROPRIATE instrument was applicant: હ 2:36 office of the State Ë Water ... to pproved: at Returned

ATT TO STATE OF THE PARTY OF TH

July 27, 1978

Oregon Berry Packing Co. Route 4, Box 197 A Hillsboro. Oregon 97123

G-7906 thru G-7909, G-791

G-8141 thru G-8145



## Water Resources Department MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

PHONE 378-3066

55460, 55461, 55462 G-7906, G-7907, G-7908, G-7909, G-7912

June 30, 1978

Oregon Berry Packing Company Route 4, Box 197 A Hillsboro, OR. 97123

Dear Sirs:

On March 10, 1977, we received your various maps, total fees of \$424.40, and eight applications requesting permits.

Applications numbered 55460 and G-7909 request a permit to use 0.37 cubic foot of water per second from Campbell Creek, an unnamed drain ditch, and a reservoir for primary irrigation and a well for supplemental irrigation of 29.77 acres throughout the entire year. Application numbered 55641 requests a permit to use 1.46 cubic feet of water per second from an unnamed stream and a reservoir for supplemental irrigation of 116.6 acres outside of the normal irrigation season.

Application numbered 55642 is requesting a permit to use 1.37 cubic feet of water per second from Campbell Creek and a reservoir and 0.67 cubic foot of water per second from an unnamed stream and reservoir for supplemental irrigation outside of the normal irrigation season for 163.2 acres. Application numbered G-7912 is requesting a permit to use 780 gallons of water per minute from a well for supplemental irrigation outside of the normal irrigation season for 279.8 acres.

Application numbered G-7906 requests a permit to use 0.88 cubic foot of water per second from four wells for irrigation of 70.15 acres throughout the entire year. Application numbered G-7907 requests the use of 0.88 cubic foot of water per second from four wells for irrigation of 65.11 acres throughout the entire year, and 0.22 cubic foot of water per second from well number 4 for fish culture. Application numbered G-7908 requests the use of 600 gallons of water per minute from a well for fish culture in LRM Pond.

You may recall that there has been some delay in issuing permits in approval of these applications because of the request for irrigation outside of the normal irrigation season. I am sure you are aware that the normal irrigation season in your vicinity begins May I and concludes September 30. It has been substantiated that on many years it may be necessary to begin irrigation in the Tualatin Basin as early

Page Two Oregon Berry Packing Co.

as mid-March and often times through April. This is especially true for shallow seeded or shallow rooted plants.

Much of the data which we collected to substantiate beneficial use outside of the irrigation season indicated a need to apply water for chemical distribution. The use of water for chemical distribution is not classed as irrigation and if water is needed for chemical distribution, a permit should be requested specifically for this purpose.

Another use which was requested as irrigation was storing water in the soil for future use. It has been determined that permits for irrigation to build the soil moisture profile within the Willamette Valley would not be issued. Fall rains normally begin in mid-September and end by mid-November. Soil is often at its maximum storage capacity. Additional water placed on the soil either runs off or perculates into a ground water body.

Of the data collected, irrigation for immediate crop growth outside of the normal irrigation season has been determined to be the only beneficial use of water as irrigation. Therefore, your applications which have requested out-of-season use or year-round use, together with your existing rights, would allow for use of water from the various sources for beneficial use or immediate crop growth at any time that such use is beneficial.

Since the irrigation season has been set by certain Court Decree, it has been determined that out-of-season irrigation rights shall not have priority against other rights for beneficial use but shall establish priority only against similar rights for irrigation. However, since many Court Decrees throughout the Willamette Valley begin the irrigation season on April 1, beneficial use of water for irrigation during the month of April will establish priority as against all other rights from the same source.

We have further concluded that it would be very difficult to prove beneficial use of water in order for a Certificate to be issued. Therefore as a condition of your out-of-season permits and year-round permits, it will be necessary that you submit a report annually of all beneficial use of water for irrigation outside of the normal irrigation season. If annual reports are not made, the right for out-of-season use will not be confirmed.

All of your applications as referred to herein are satisfactory and

Page Three Oregon Berry Packing Co.

will now be considered for approval by issuance of permits. Should you have questions regarding your applications, please do not hesitate to contact this office.

Sincerely,

VESTAL GARNER

Water Rights Engineer

VG: tld

## RECEIVED

MARI 01977

Oregon Berry Packing Co. Rt. 4, Box 197A Hillsboro, Oregon 97123

Phone 503-628-1630

State Engineer 1178 Chemeketa Street N.E. Salem, Oregon 97310

Dear Sir:

A. We request that we be allowed to irrigate our crops, between Sept. 30th. and May 1st. of each year, as well as the rest of the year.

Currently our major crops are black raspberries, 120 acres, strawberries, 60 acres and grain crops. Our row crops are routinely retated over all our property, so this request is for all of our irrigable property included under various water rights.

The needs are as follows:

1. Black Raspberries:

It is recommended that potassium fertilizer be put on in the months of February or March. The purpose of this is to avoid winter leaching of the fertilizer. Substantial water is required to leach the fertilizer into the root zone by the first part of April. Some years that are not near as dry as the winter of 1976-1977 would require irrigation as a supplement to rainfall to leach the fertilizer.

Black raspberries begin to grow in March of each year. The most critical period for production is between March 15th. and April 20th. During this period of time the fruit spurs are formed, and the vigor of the plant determines the number of fruit spurs, the number of blossems and the size of the fruit. We also put on about 100 pounds of actual nitrogen between March 15th. and April 20th. The fertilizer is ammonium nitrate, which is very fast acting. This cultural practice helps give the plants a strong boost during this period of time.

Water is an absolute NEED prior to May 1st. The moisture content of the soil must be high during March and April, and water, either rain or irrigation - has to leach the ammonium nitrate into the root zone at this critical period.

Lack of adequate moisture as required during March and April - in a year like 1977 - could reduce our crop potential by as much as 40%. It is not unusual for our fields to yield 2 tons per acre. A 40% loss would be a 1600 pound reduction at an expected cannery price of 50¢ a pound. It is very possible that not being able to irrigate our black raspberries prior to May 1st. in some years could cost us \$800. an acre! We absolutely need the right to irrigate this orop prior to May 1st. of each year.

2. Strawpermies:
This crop has a critical need for moisture from March through Sept.
We have experienced that strawbermies require good moisture at all

Application No. G-7907 Permit No. times down to a depth of at least 2 feet. If the top 6" gets dry at any time between March and July lst., the size of the fruit is definitely affected. It is also very possible the number of fruit spurs would be reduced if the plant becomes short of moisture in March and April. We would estimate that lack of moisture between March and May lst., could reduce our strawberry crop between 20% to 40%. The economics is not only the loss of the potential crop of about (20% x 6 tons x  $25 \not\in$  lb.) \$600 - \$1200 per acre, but also the problem of keeping pickers to pick the smaller and fewer berries.

3. Wheat:

Wheat may be short of moisture, and may run out before May 1, 1977. If we could put approximately 4" of water per acre, we could fertilize our wheat one time at a near normal rate. Based on facts stated at the meeting Feb. 16, 1977 at the Hillsboro Junior High School, we could anticipate an additional yield of at least 20 bushels of wheat per acre and up to 28 bushels per acre. This would give us additional income of between \$60 and \$84 per acre on the irrigated wheat. We realize we could not irrigate all of our wheat in any given year but our wells and ponds would allow us to irrigate a substantial acreage.

4. Planting - Strawberries and Black Raspberries:
We always plant strawberries as early in the spring as the weather allows. March or early April is very desirable because the plants respond to the cooler weather. Black Raspberries are normally planted in April. Both transplanted berries require adequate moisture in the top one foot of ground for the first two months to become well established.

Our normal cultural practice is to plant, fertilize and put on weed chemicals which require up to 2" of water immediately after they are applied. The weed chemical and irrigation must be done within one to two weeks of planting, otherwise a very serious and expensive weed problem will occur.

The planting year of both strawberries and black raspberries affect all future production years for the respective crops. If a field gets a bad start, it will never become a good producing field for the life of the crop - 3 to 4 years for strawberries; 5 to 8 years for black raspberries.

- Wheat, clover and other fall seeded crop:
  In some years it may be necessary to water various crops if the fall rains do not come soon enough. It is critical that a crop have vigorous growth soon after planting in the fall. This vigorous growth must continue through November and into December.
- 6. There are no alternatives for irrigation if needed rains are not forthcoming at critical times. All our row crops are predicated on irrigation, and we have invested between \$75,000 and \$100,000 over the years for irrigation. Wheat is not as critical over the years, but if water is available and needed in any particular year, we feel we should have the right to irrigate it.

Most of our waterings are between 2" and 4" of water per acre. We find that frequent light irrigations produce the best results with minimum water runoff. This maximizes the results we can get with the limited water we have available to us.

Application No. G-7907 Permit No.

- 7. We cannot at this time forsee what crops we will raise in the future.

  Therefore we cannot name all the needs for irrigation we may have
  between September 30th, and May 1st, of any given year. We do know that
  irrigation during this time may be critical for us.
- B. We request that the 30 day waiting period be waived for both the September 30th to May 1st. water right applications and the regular water right applications being currently submitted. We appear to have adequate moisture at the moment, but it may become dry for certain crops prior to May 1st. of 1977.
- C. We specifically request that the September 30th. to May 1st. portion of our water right applications be given an exemption to the 3 year proving period and the 5 year application of irrigation water rules. We request this exemption only on lands that meet the 3 year and 5 year water application rules for the period between May 1st. and September 30 th. of each year and that we have the right to have water applied between May 1st. and September 30th.

The reasons for requesting this exemption are as follows:

- 1. Only particular crops require that they get irrigation between Sept. 30 th. and May 1st.
- 2. There is not a need, due to the changing weather, to irrigate any crops between Sept. 30th. and May 1st. in many years.
- 3. We rotate our crops. It would not be unusual to have an acreage that would not require water during a 5 year period due to the combination of weather (wet fall, dry spring, or dry fall, wet spring) and the crops being raised on that particular acreage. The loss of the September 30th. to May 1st. water right on that particular acreage would jeopardize our desired crop rotation in future years.
- 4. Allowing this exemption would save us the cost of reapplying for Sept. 30 th. to May 1st. water rights on specific acreages that would not have had water applied on them when required by your department. Your department would also not have to spend time and effort on needless water applications.
- 5. Two very important factors are that water would be conserved, and electrical energy would be saved. In some years weather makes it a marginal situation as to whether we should irrigate a particular crop or not between Sept. 30th. and May 1st. The 3 year and 5 year water application requirements would force us to irrigate under marginal conditions to save our water rights. This would be a possible waste of water and energy. We would prefer to evaluate a crop dryness situation and be sure that a total substantial economic gain would be achieved upon application of water. Our evaluation would include all our costs, including conservation, energy use, labor and equipment.
- 6. We anticipate raising high yield crops in the future, along with other rotation crops. If we have water available to us from our irrigation systems, we feel we should have the right to protect our crops at any time during the year.

We do not request the waivering of the 30 day waiting period on request C. - exemption from the 3 year and 5 year application rules. We realize that you

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may or may not have the power to grant this exemption. If you cannot grant this exemption, please include this power in the changes in rules being presented to the legislature from your department.

Sincerely yours,

Oregon Berry Packing Co.

Ceregon Berry Packey Co-Famis R. Malersky & Louis R. Malersky Jr.

Partner

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