

Compl

Name Zumwalt & Williams Sand & Gravel Co.  
 By Cottage Grove Ready-Mix  
 Address P. O. Box 538  
Cottage Grove, Oregon

Application No. 38237  
 Permit No. 28562  
 Certificate No. 33446  
 Stream Index, Page No. 2-78C

**FEEES PAID**

Date	Amount	Receipt No.
<u>11/16/62</u>	<u>22.00</u>	<u>36170</u>
<u>11-1-66</u>	<u>\$1 Cert. Fee</u>	<u>14/02</u>

Date filed November 16, 1962  
 Priority November 16, 1962  
 Action suspended until Sept 1967  
 Returned to applicant \_\_\_\_\_  
 Date of approval April 30, 1963

**FEEES REFUNDED**

Date	Amount	Check No.

**ASSIGNMENTS**

Date	To Whom	Address	Volume	Page

**CONSTRUCTION**

Date for beginning April 30, 1964  
 Date for completion October 1, 1965  
 Extended to \_\_\_\_\_  
 Date for application of water October 1, 1966  
 Extended to \_\_\_\_\_

**REMARKS**

1.32 c.f.s. from Coast Fork of Willamette River for industrial use.  
(Subject to S.W.R.B. Policy Statement.)

**PROSECUTION OF WORK**

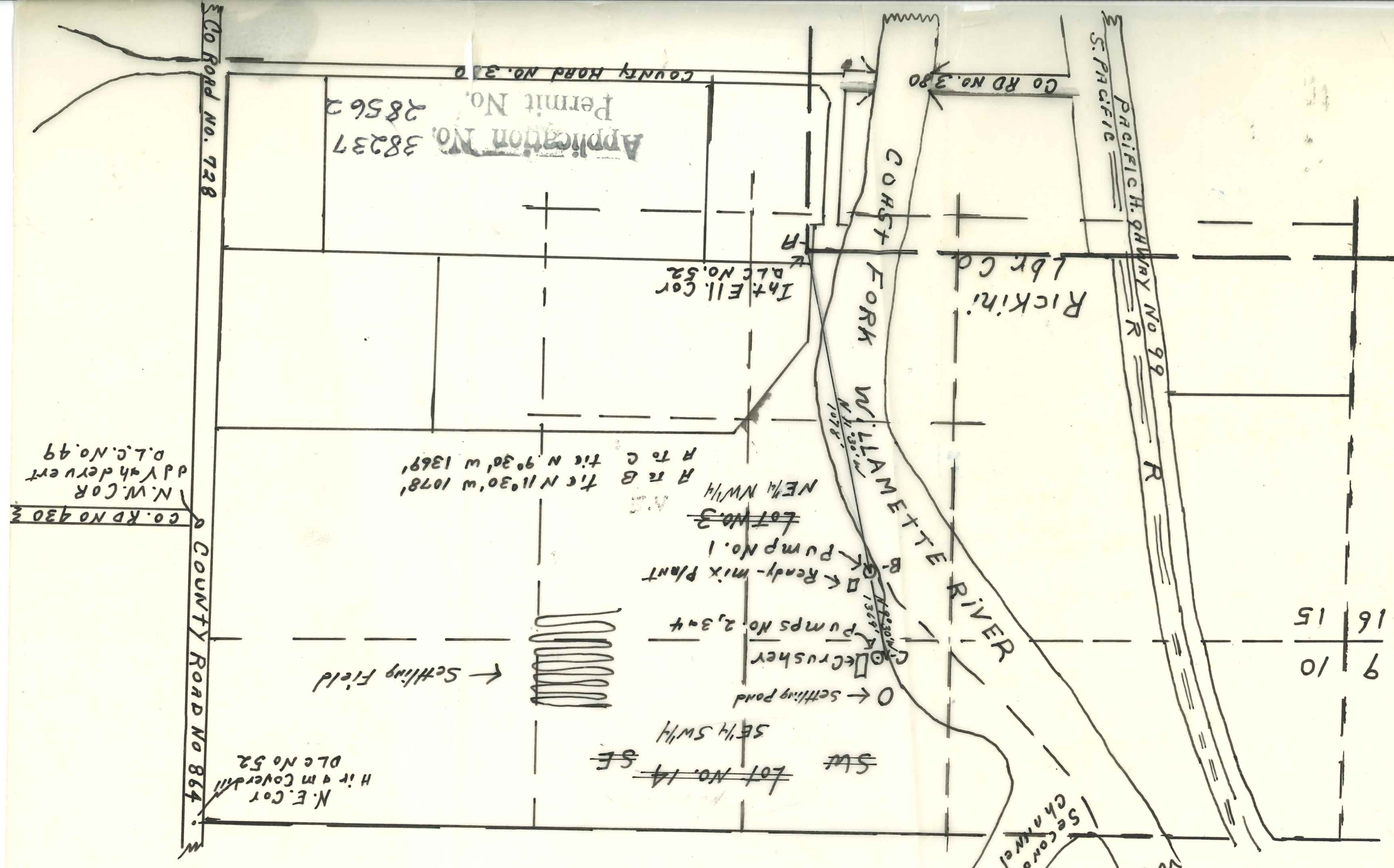
Form "A" filed \_\_\_\_\_  
 Form "B" filed \_\_\_\_\_  
 Form "C" filed \_\_\_\_\_

**FINAL PROOF**

Blank mailed OCTOBER 26 1966  
 Proof received \_\_\_\_\_  
 Date certificate issued DECEMBER 19 1966

File Copy  
 Section 15 T.20S.R.3W.M.  
 LANE COUNTY  
 1" = 400'

ZUMWALT and WILLIAMS  
 Sand & Gravel  
 Plant Sketch  
 STATE ENGINEER  
 JAN 23 1968  
 SALEM, OREGON



9 10  
 16 15

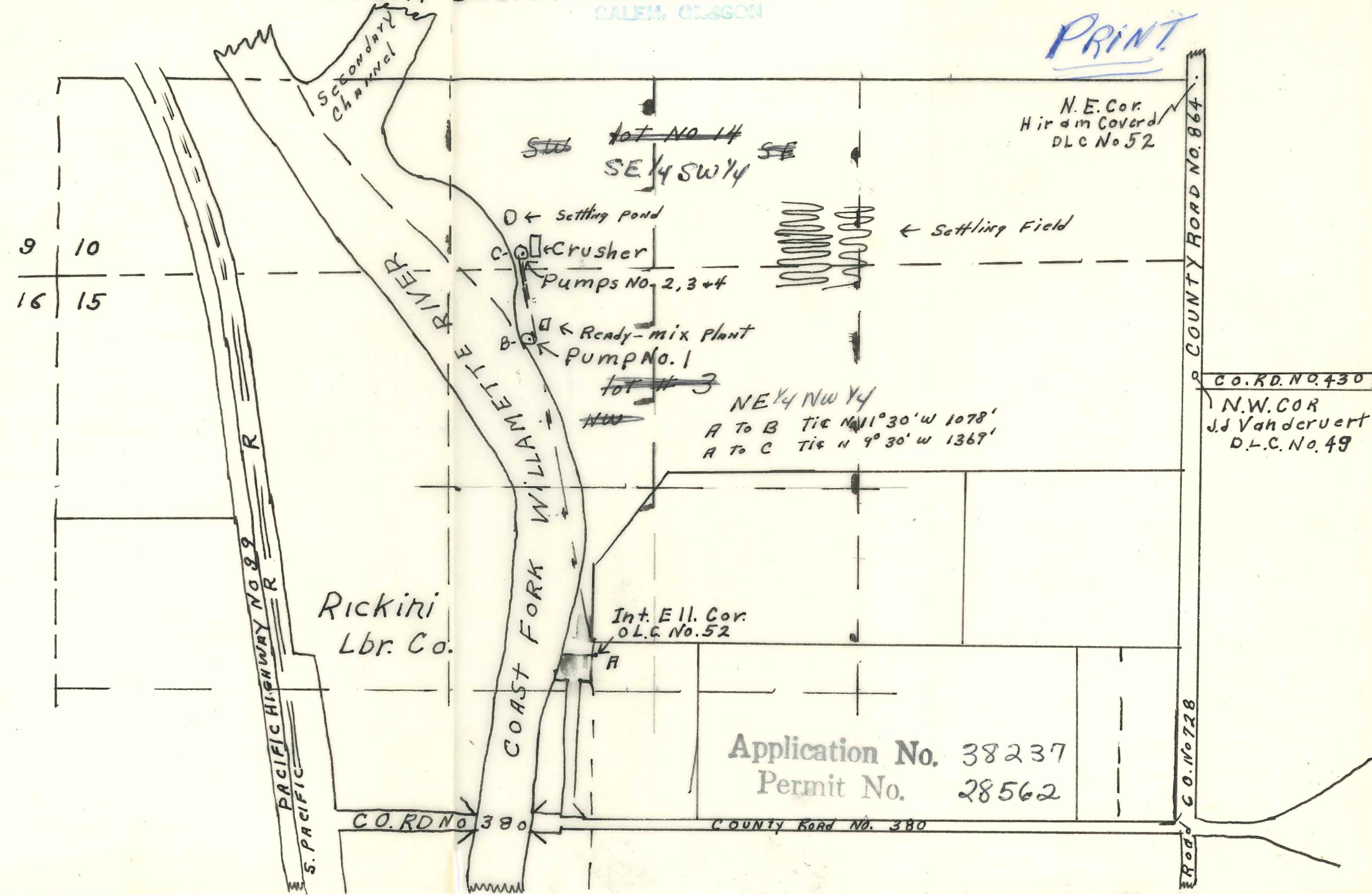
Application No. 38237  
 Permit No. 28562

ZUMWALT and WILLIAMS  
Sand & Gravel  
Plant Sketch

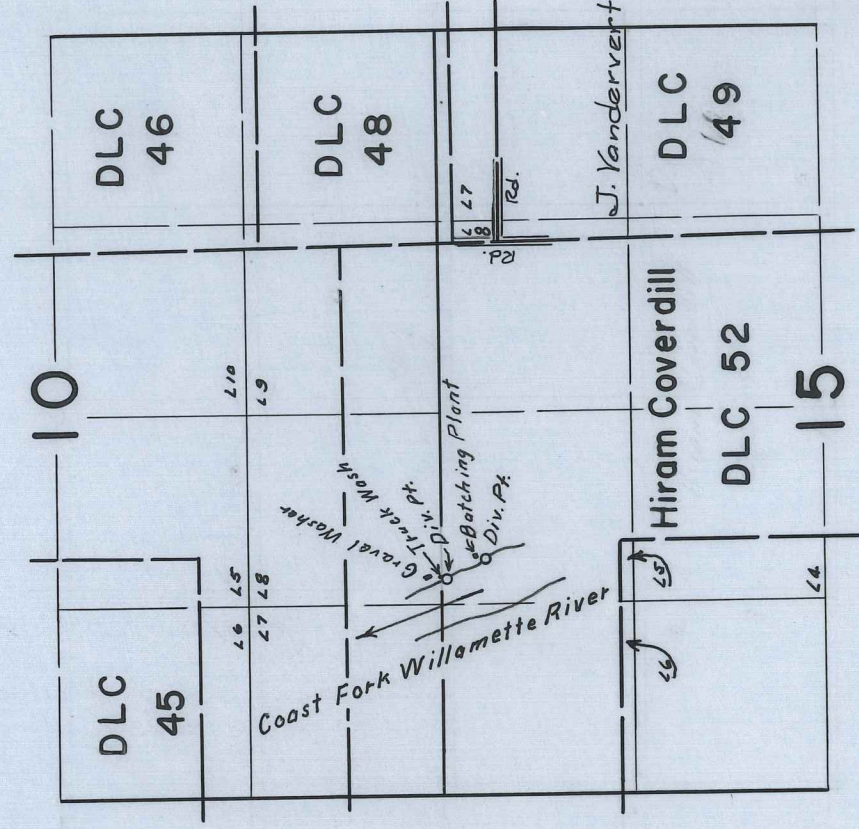
Section 15 T. 20 S. R. 3. W. W. M.  
LANE COUNTY  
1" = 400'

RECEIVED  
JAN 23 1963  
STATE ENGINEER  
SALEM, OREGON

PRINT



T.20S.R.3W. W.M.



FINAL PROOF SURVEY  
UNDER

Application No. 38237 Permit No. 28562  
IN NAME OF  
Zumwalt and Williams Sand and Gravel Co.  
Cottage Grove Ready-Mix

Surveyed July 2, 1964, by R. Jackson



# United States Department of the Interior

BUREAU OF RECLAMATION  
PACIFIC NORTHWEST REGION  
FEDERAL BUILDING & U.S. COURTHOUSE  
BOX 043-550 WEST FORT STREET  
BOISE, IDAHO 83724

IN REPLY  
REFER TO: PN 362  
840.

Zumwalt & Williams  
P.O. Box 538  
Cottage Grove, OR 97424

38237

Gentlemen:

Under provisions set forth in Water Service Contract No. 7-07-10-W0044, which you executed with the United States to obtain a source of stored water from the Willamette Basin Project, the annual rate charged per acre-foot of water may be revised from time to time in accordance with construction, operation, and maintenance costs of the project.

The annual rate charged for water service since 1981 has been \$1.25 per acre-foot. This rate was applicable to both the base quantity of water made available under the contract and also any additional stored water utilized during the irrigation season. Beginning in 1986, the annual charge will be increased to \$1.50 per acre-foot and this change will be reflected in the bill for collection issued to you sometime prior to April 1, 1986. Revision of the charge for water service is necessary because of increased costs incurred by the Corps of Engineers over the past several years for operating and maintaining the Willamette Basin Project.

As a contractual requirement, you must be notified at least 3 months prior to the beginning of the irrigation season for which a revised water charge will be applicable. This letter serves as a notice of such action. If there are any questions regarding the new rate for water service or other contractual matters, please feel free to contact our office at any time.

Sincerely yours,

ACTING

Regional Finance Officer

cc: Director, Oregon State Water Resources Dept.  
3850 Portland Road, NE.  
Salem, Oregon 97310

U.S. Army Corps of Engineers  
Attention: NPPEN-HH-R  
P.O. Box 2946  
Portland, Oregon 97208

RECEIVED

FEB 13 1963

4/21/62

STATE ENGINEER

METES AND BOUNDS OF SAND AND GRAVEL PITTS AND MACHINERY AND OPERATING EQUIPMENT, STRUCTURES AND HOUSING AREAS OF LAND OF FRANCIS M. AND HARRIET HORN.

Which includes the Zumwalt and Williams Sand and Gravel Co., and the Cottage Grove Ready-Mix Company.

Beginning at a stone marking the Southwest Corner of County Survey No. 1987 (the point of beginning of land of Francis M. and Harriet Horn, parcel No. 3 of deed recorded in book 426, page 205 of the records of Lane County, Oregon, and proceeding thence North 1\* 00' East 261.76 feet; thence North 68\* -43' -30" West 559.92 feet; thence South 87\* -45' -30" West 626.30 feet to a point close unto the East Bank of the Coast Fork of the Willamette River; thence North 66\* 19' 30" West, 118 feet more or less to the center of said river and proceeding thence up the center of the said river along the following tangents and chords; South 45\* -08' West 354 feet; North 88\* -21' West 206 feet; North 84\* -36' West 218 feet; North 89\* -47' West, 236 feet; South 49\* -52' West 333 feet; South 18\* -56' West 251 feet; South 5\* -51' West 256 feet; South 1\* -19' West 179 feet; South 10\* -44' East 379 feet; South 19\* -38' East, 317 feet; South 38\* -59' East 357 feet; South 31\* -28' East 923 feet; South 42\* -22' East 836 feet; thence, leaving the center of the river. East 165.56 feet; and proceeding thence North 4\* -08' East 427.49 feet; thence North 23\* -30' East 89.50 feet; thence North 18\* -07' East 808.09 feet to a corner fence post; thence North 70\* -09' West 42.79 feet to a gate-post about 17 feet from the Northeast corner of a sheep shed; thence South 15\* -55' West 57.10 feet to a point off the Southeast Corner of the said shed, thence North 74\* -53' West 66.30 feet to a point off the Southwest Corner of the said shed; thence North 5\* -59' East 101.30 feet to a gate post; thence North 61\* -12' West 325.25 feet; thence North 2\* -49' West 104.51 feet; thence North 8\* -13' East 597.73 feet; thence North 69\* -49' East 464.40; thence North 16\* -30' East 346.60 feet; thence North 24\* -35' East 588.30 feet; thence North 40\* 30' East 402.60 feet; thence South 89\* 32' East 54.90 feet; thence North 1\* -00' East 16.50 feet to the point of beginning, in Sections 10 and 15, Township 20 South, Range 3 West, in Lane County, State of Oregon.

THIS IS A COPY OF SAID DESCRIPTION OF THE PROPERTY AS RECORDED BY

V. A. A. POWELL OF COTTAGE GROVE, A REGISTERED PROFESSIONAL ENGINEER.

Original copy to Lombard, Lombard and Williams, *Cottage Grove.*  
~~Replicate copy to Francis Horn.~~

These copies for reference only.

This survey is filed with Lane County under the name of Francis and Harrett Horn of Cottage Grove, Oregon

Application No. 38237  
Permit No. 28562.

STATE OF OREGON  
STATE ENGINEER  
WATER RESOURCES DEPARTMENT  
516 PUBLIC SERVICE BUILDING  
SALEM 97310

REFER TO  
FILE NO.

38237

October 26, 1966

Zumwalt and Williams Sand and Gravel Company  
Cottage Grove Ready-Mix  
P. O. Box 538  
Cottage Grove, Oregon

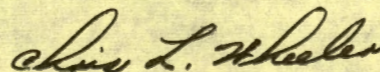
Gentlemen:

Enclosed is the final proof in connection with the incomplete water right represented by your permit No. 28562.

The data contained in the proof, which is based on an inspection and survey of your project made by a representative of this department, defines the extent to which your water right has been completed within the terms of your permit. The proof should be dated and signed by you and returned to this office.

Upon receipt of the proof, properly executed and accompanied by the statutory recording fee of \$1, a certificate of water right will be issued confirming the right thereunder and, after being recorded in the county records, will be forwarded to you.

Very truly yours,



CHRIS L. WHEELER  
State Engineer

Form 117

Enclosure

pju

ZUMWALT and WILLIAMS SAND and GRAVEL

P. O. BOX 538

COTTAGE GROVE READY MIX

PHONE WH 2-3531

COTTAGE GROVE, OREGON

June 25, 1963

RECEIVED  
JUN 26 1963  
STATE ENGINEER  
SALEM, OREGON

38237

State of Oregon  
State Engineer  
516 Public Service Bldg  
Salem 10, Oregon

Sir:

Would like the necessary forms and amount of fees for the transferring of water rights.

Involved is the water permit No. 28562 issued to Zumwalt & Williams Sand & Gravel Co., approved April 30, 1963. We are in the process of changing the business from a partnership into a corporation. The name of the new corporation will be Zumwalt & Williams Sand & Gravel, Inc., with the same address and purpose.

Thank You,

*Gerald Mitchell*  
Gerald Mitchell  
Office Manager

Mailed 6-27-63



38237

May 27, 1963

Zumwalt & Williams Sand & Gravel Co.  
Cottage Grove Ready-Mix  
P. O. Box 538  
Cottage Grove, Oregon

38237, permit No. 28562 with blueprint.

ZUMWALT and WILLIAMS SAND and GRAVEL

P. O. BOX 538

COTTAGE GROVE READY MIX

PHONE WH 2-3531

COTTAGE GROVE, OREGON

Feb. 11, 1963



State of Oregon  
Engineer's Office  
Salem 10, Oregon

SUBJECT - File #38237

Sir;

In answer to your letter dated Jan 31, 1963 about the actual amount of water required for each of our stated uses. First, the pumps when in operation normally are running a full capacity which is the reason their capacities were used in arriving at the required and requesting amount of water. Secondly, during normal operation all of the pumps would be running maybe 3 to 4 times a week, seldom for longer than 3 minutes at any one time, the time required to pump water into a concrete mixer. The application figure of 1.99 cubic feet per second was based on the fact that once in a while all of the pumps are running at full capacity. Under normal conditions we are either running the rock crusher used .88 cubic feet per second or running concrete using ~~1.41~~ .41 per second, appx 4 times a hour.

Inclosed is a copy of the legal discription of the property upon which the water will be used.

Hope this will answer your questions satisfactory.

Yours Truly,

Zumwalt & Williams

A handwritten signature in blue ink that reads "Gerald Mitchell". The signature is written in a cursive style.

by Gerald Mitchell  
Office Manager

February 20, 1963

Zumwalt & Williams Sand & Gravel Co.  
Cottage Grove Ready-Mix  
P.O. BOX 538  
Cottage Grove, Oregon

Gentlemen:

This will acknowledge your letter of February 11, 1963 regarding the quantity of water required for the operation of your concrete and crushing plant and the legal description of the property upon which the water will be used.

The information you have submitted will be considered when your application numbered 38237 is presented to Mr. Wheeler for his approval.

Very truly yours,

CHRIS L. WHEELER  
State Engineer

By  
Walter N. Perry, Assistant

WNP/gcc

ZUMWALT and WILLIAMS SAND and GRAVEL

P. O. BOX 538

COTTAGE GROVE READY MIX

PHONE WH 2-3531

COTTAGE GROVE, OREGON

Feb. 11, 1963

RECEIVED  
FEB 13 1963  
STATE ENGINEER  
SALEM, OREGON

State of Oregon  
Engineer's Office  
Salem 10, Oregon

SUBJECT - File #38237

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In answer to your letter dated Jan 31, 1963 about the actual amount of water required for each of our stated uses. First, the pumps when in operation normally are running a full capacity which is the reason their capacities were used in arriving at the required and requesting amount of water. Secondly, during normal operation all of the pumps would be running maybe 3 to 4 times a week, seldom for longer than 3 minutes at any one time, the time required to pump water into a concrete mixer. The application figure of 1.99 cubic feet per second was based on the fact that once in a while all of the pumps are running at full capacity. Under normal conditions we are either running the rock crusher used .88 cubic feet per second or running concrete using ~~1.44~~ .44 per second, appx 4 times a hour.

Inclosed is a copy of the legal discription of the property upon which the water will be used.

Hope this will answer your questions satisfactory.

Yours Truly,

Zumwalt & Williams

*Gerald Mitchell*

by Gerald Mitchell  
Office Manager

January 31, 1963

Zumwalt & Williams Sand & Gravel Co.  
Cottage Grove Ready-Mix  
P.O. Box 538  
Cottage Grove, Oregon

Gentlemen:

This will acknowledge your returned application, file number 38237, and three reproducible maps.

Your application has been re-examined and it is noted that the quantity of water applied for is said to be based on the capacity of the pumps to be used. It is requested that you advise us of the quantity of water which will actually be required for each use you have specified. You may express this quantity in cubic foot of water per second or gallons of water per minute, which ever is most convenient for you.

It is also requested that you submit a legal description of the property upon which the water will be used. This should be copied word for word from your deed, abstract, title insurance policy or sales contract.

We will withhold further action on your application pending your reply.

Very truly yours,

CHRIS L. WHEELER  
State Engineer

By  
Walter N. Perry, Assistant

WNP/gcc

December 6, 1962

Zumwalt & Williams Sand & Gravel Co.  
Cottage Grove Ready Mix  
P.O. Box 538  
Cottage Grove, Oregon

Gentlemen:

This will acknowledge your application for a permit to appropriate a total of 1.99 cubic feet of water per second from the Coast Fork of the Willamette River, at two locations, for the operation of a concrete ready mix plant and for the operation of a sand and gravel crushing and washing plant, together with three prints of a map of a portion of Sec. 15, T.20 S., R.3 W., and a check in the amount of \$22 for which our receipt numbered 36170 is enclosed.

The application, which has been given file number 38237, has been examined and the following defects are noted:

**Map:** Unless three prints of a platted and duly recorded subdivision plat are used the map must be prepared and submitted on a good quality tracing paper or tracing cloth so that it can be reproduced by blue print process. If the data shown on the three prints were presented on a transparent material with the addition of the section subdivision lines, the resulting map would be adequate for this matter.

**Item Three:** The amount of water which will be required for the operation of each of the two plants should be indicated and identified.

**Item Four:** Each of the two diversion points should be further located as being within a specific quarter quarter section.

**Item Six:** Please indicate the size and type of pumps to be used and the size and type of motors or engines which will be used to drive them.

December 6, 1962

What do you do with the waste water from washing gravel and from washing out the concrete mixers? If this water finds its way back into the river or into any natural stream, you should describe the facilities that you have or will provide for removing the silt from the water before it enters the stream. If a silting pond is used, please advise us as to the size, depth, and method of construction of the pond and the provisions, if any, to regulate the release of water from the pond. If such a pond is used or other facilities are provided, their location should be indicated on the map.

The application and two of the three prints are returned herewith, the application being endorsed so that in order to retain its present date of priority it must be returned to this office on or before February 6, 1963.

Very truly yours,

CHRIS L. WHEELER  
State Engineer

By  
Walter N. Perry, Assistant

JWC/gcc

Enclosures: Receipt #36170  
Two Prints of Map  
Application #38237

DTS 1964-43  
July 2 - 1964  
D. Jackson

1479

# Abstract of Permit No. 28562

Application No. 38237

Certificate No.

Name

Zunwalt and Williams Sand and Gravel Company

Address

Cottage Grove Ready-Mix

P. O. Box 538

Cottage Grove, Oregon

Source of water supply

Coast Fork of Willamette River

Use

Industrial (operation of ready-mix plant and crushing and washing plant) *w/in H. Coverdill DLC 52*

Point of diversion

~~#1: N. 11° 30' W. 1078' from the int. Ell. cor. DLC No. 52, Sec. 15 being within the NE, NW, Sec. 15, #2, 3, and 4; N. 9° 30' W. 1369' from the int. Ell. cor. DLC 52, Sec. 10, being within the SW, NW, Sec. 10, all in T. 20 S., R. 3 W., W.M., in the county of Lane.~~

Number of acres

~~15.00~~

Div. Pt.s located: 110 ft. N.E. ~~210 ft. W.~~ 2190 ft. W; 410 ft. N. E 2310 ft. W. both from the  
DESCRIPTION OF LAND TO BE IRRIGATED OR PLACE OF USE

Twp.	Range	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
208	3W	10		SE 1/4	SW 1/4														
		15		NE 1/4	NW 1/4														

as provided further that the right to use of water is limited to the period when the flow of the Coast Fork of the Willamette River is more than 135 c.f.s. at its mouth.

Priority date

November 16, 1962

Amount of water

1.32 c.f.s., measured at the point of diversion, being

.44 c.f.s. for operation of ready-mix plant & .88 c.f.s. for operation of crushing &

Time limit to begin construction

April 30, 1964

washing plant.

Time limit to complete construction

10/1/65 extended to

extended to

Time limit to completely apply water

10/1/66 extended to

extended to

Remarks:

This permit is issued subject to the maintenance and use of adequate treatment facilities to remove the sediment before returning the water to the stream.

& the

Basin 2 Vol. \_\_\_\_\_

T. Vandervent DLC 49



Direct diversion from River.

Pump: Fairbanks-Morse Cent Dir Dr  $1\frac{1}{2} \times 1\frac{1}{4}$  Mod. K262287

Motor: F-M 5 hp @ 3460 RPM, 3 phase

connected to press. tank 30" diam x 8' long

Use for ready-mix only -

Rest of pumps suck from 48" boiler set next to river,  
direct opening. Serves as settling tank.

Pump: Danwing Cent Dir Dr  $2 \times 1\frac{1}{2}$ " Model DC45349

Motor: Wagner 5 hp @ 3500 RPM, 3 phase

Pump: Fairbanks Cent dir dr  $2 \times 1\frac{1}{2}$ "

Motor: F-M 5 hp @ 3450 RPM, 3 phase

Use for washing gravel

Pump: Pacific Mod  $1\frac{1}{4}$  CDLU Cent belt drive  $2 \times 1\frac{1}{4}$ "  $4\frac{1}{2}$ " pulley

Motor: Fairbanks-Morse 10 hp @ 1800 RPM, 3 phase  $6\frac{1}{2}$ " pulley

4 V-belts

Used for washing machinery & trucks, etc.

Pump: Marlowe Model 34EL-10 Cent Dir Dr  $3 \times 3$ "

Motor: Neuman 5 hp @ 1800 RPM, 3 phase

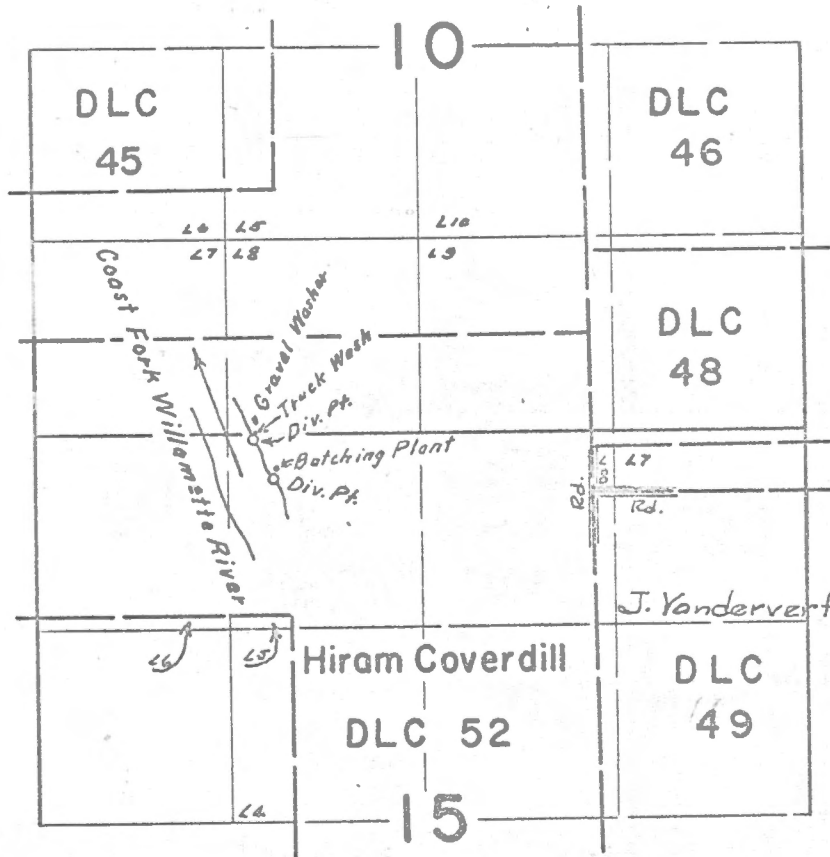
Also used for washing equipment

info: Mr. Zimmwalt

App. map may be ok but surveyed anyhow as a check.  
Survey tied to NW Cor. Vander Vert DLC <sup>49</sup>55 - said to be  
stone, buried, mtd with 40d. spike

Surveyed July 2 - 1964 on 1964-D Jackson

T.20S.R.3W. W.M.



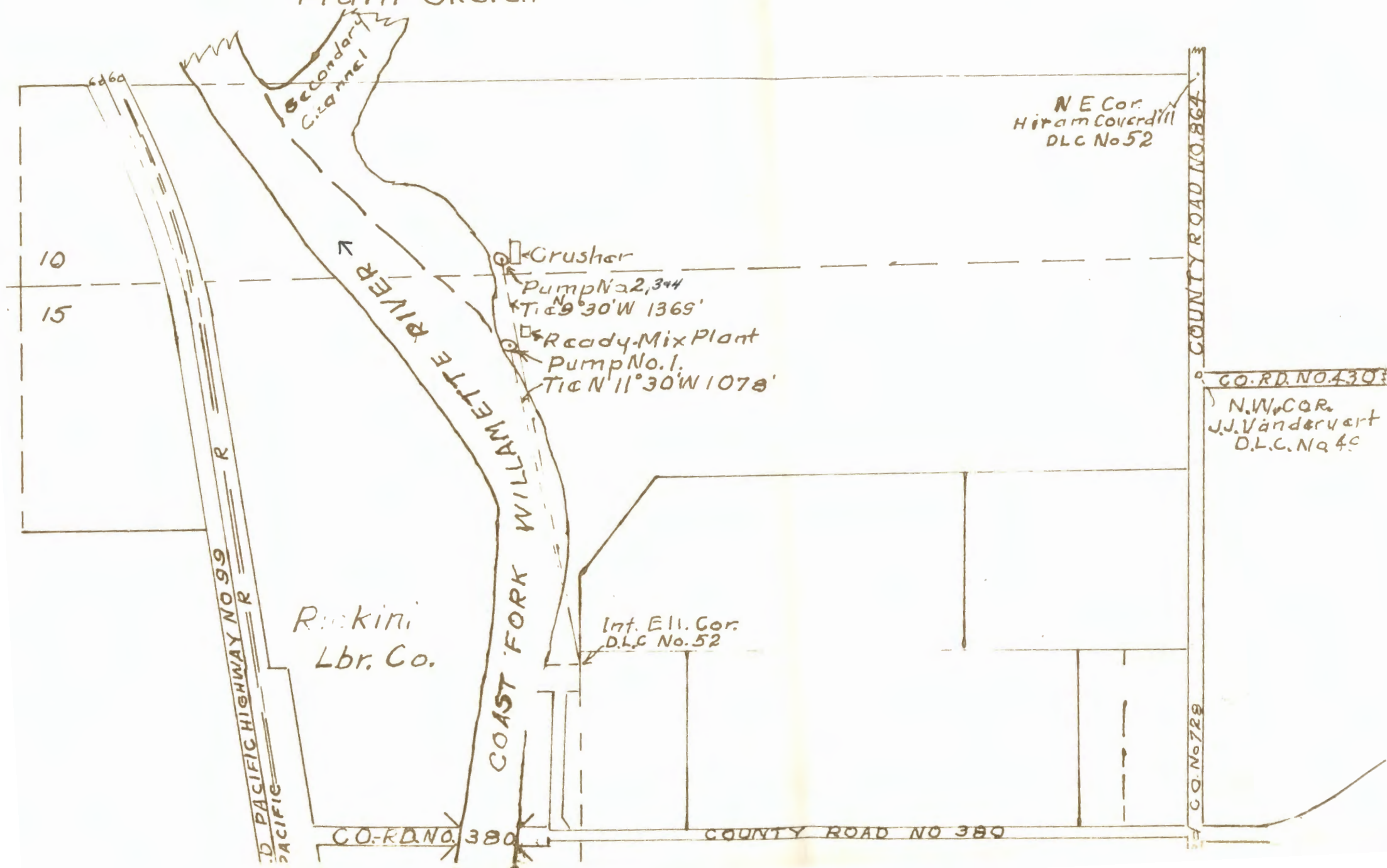
FINAL PROOF SURVEY  
UNDER

Application No. 38237... Permit No. 28562...  
IN NAME OF  
Zumwalt and Williams Sand and Gravel Co.  
Cottage Grove Ready-Mix

Surveyed July 2, 1964, by R. Jackson

LUMWALT and WILLIAMS  
Sand & Gravel  
Plant Sketch

Section 15 T. 20 S. R. 3. W. W. M.  
LANE COUNTY  
1" = 400'



**RECEIVED**  
NOV 16 1962  
STATE ENGINEER  
SALEM, OREGON  
Application No. 38237  
Permit No. 28562

RECEIVED  
NOV 1 1966

STATE OF OREGON STATE ENGINEER

COUNTY OF LANE

SALEM OREGON

Proof of Appropriation of Water

ZUMWALT AND WILLIAMS SAND AND GRAVEL COMPANY  
COTTAGE GROVE READY-MIX

of P. O. Box 538, Cottage Grove  
has applied beneficially the waters of  
Coast Fork of Willamette River

, State of Oregon ,

a tributary of Industrial (operation of ready-mix plant and crushing and washing plant) for the purpose of

under Permit No. 28562 of the State Engineer, and that the use of said waters has been completed under the terms of said permit; that the priority of the right dates from November 16, 1962

that the amount of water for the purposes aforesaid, has been actually beneficially used in the amount of 1.32 cubic feet per second, being .44 c.f.s. for operation of ready-mix, and .88 c.f.s. for operation of crushing and washing plant,

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the NE 1/4 NW 1/4, as projected within H. Coverdill DLC 52, Section 15, T. 20 S., R. 3 W., W. M. Diversion points located: 110 feet North and 2190 feet West; 410 feet North and 2310 feet West, both from the NW Corner\*

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to " - - - - - " of one cubic foot per second per acre,

and shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right, and to which such right is appurtenant, is as follows:

SE 1/4 SW 1/4  
as projected within H. Coverdill DLC 52  
Section 10

NE 1/4 NW 1/4  
as projected within H. Coverdill DLC 52  
Section 15  
T. 20 S., R. 3 W., W. M.

This right is subject to the maintenance and use of adequate treatment facilities to remove the sediment before returning the water to the stream, and the use of water is limited to the period when the flow of the Coast Fork of the Willamette River is more than 135 c.f.s. at its mouth;

\* J. Vandervert DLC 49.

I have read the above and foregoing proof of appropriation of water; I know the contents thereof, and that the facts therein stated are true.

IN WITNESS WHEREOF, I have hereunto set my hand this 31 day of Oct

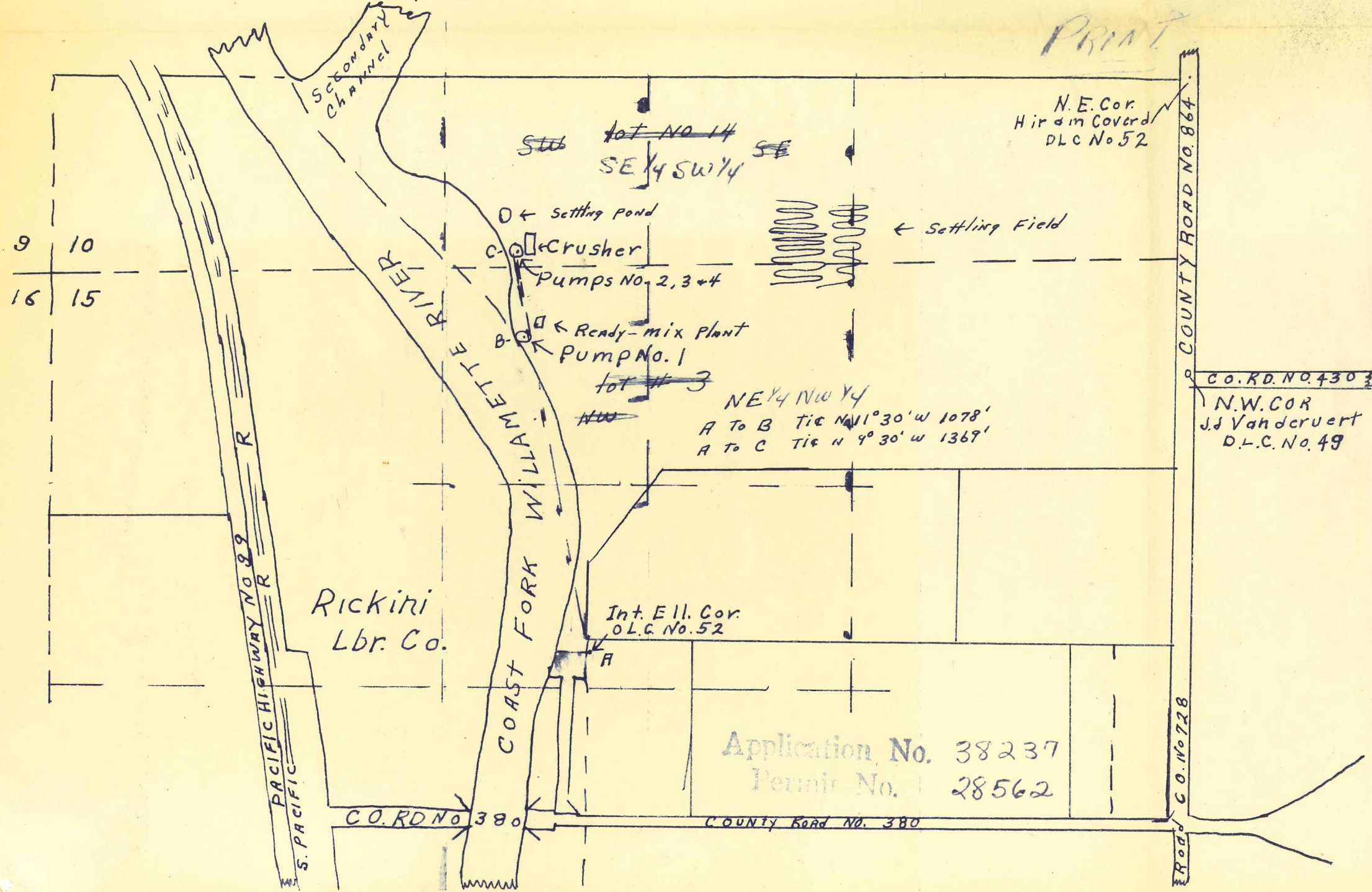
1966

*Kenneth Zumwalt*

ZUMWALT and WILLIAMS  
Sand & Gravel  
Plant Sketch

Section 15 T. 20 S. R. 3 W. W.M.  
LANE COUNTY  
1" = 400'

PRINT



July .....		
August .....		
September .....		
The year period .....		

NOTE: .....

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Lots 14 & Lot 3  
not Govt. Lots

26.33

15798

15798

315778

1835

1866

17010

17010

1211.

16

57

66

342

342

3762