

Water Resources Department

MEMO

April 9, 1996

TO Application G- 13748

FROM GW: Marc A Norton
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

Yes

The source of appropriation is within or above a Scenic Waterway.

No

Yes

Use the Scenic Waterway condition (Condition 7J).

No

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: (To be filled out only if Preponderance of Evidence box is not checked)

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

13748

TO: Water Rights Section

Nov. 20, 1995

FROM: Groundwater/Hydrology Section

Michael Zwart

Reviewer's Name

SUBJECT: Application G-13748

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. ___ will, or _____ have the potential for substantial interference with the nearest
 - b. will not _____ surface water source, namely Lost River; or
 - c. ___ will if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) 7 B;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
 - d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. ___ will, or _____ likely be available in the amounts requested without injury to prior rights
 - b. ___ will not _____ and/or within the capacity of the resource; or
 - c. ___ will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ___ The permit should contain condition #(s) _____;
 - ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. ___ The permit should be conditioned as indicated in item 4 below; or
4.
 - a. ___ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
 - b. ___ The permit should allow groundwater production from no shallower than _____ ft. below land surface;
 - c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: _____

(Well Construction Considerations on Reverse Side)

G-13748

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

INTEROFFICE MEMO

To: FILE

Date: November 20, 1995

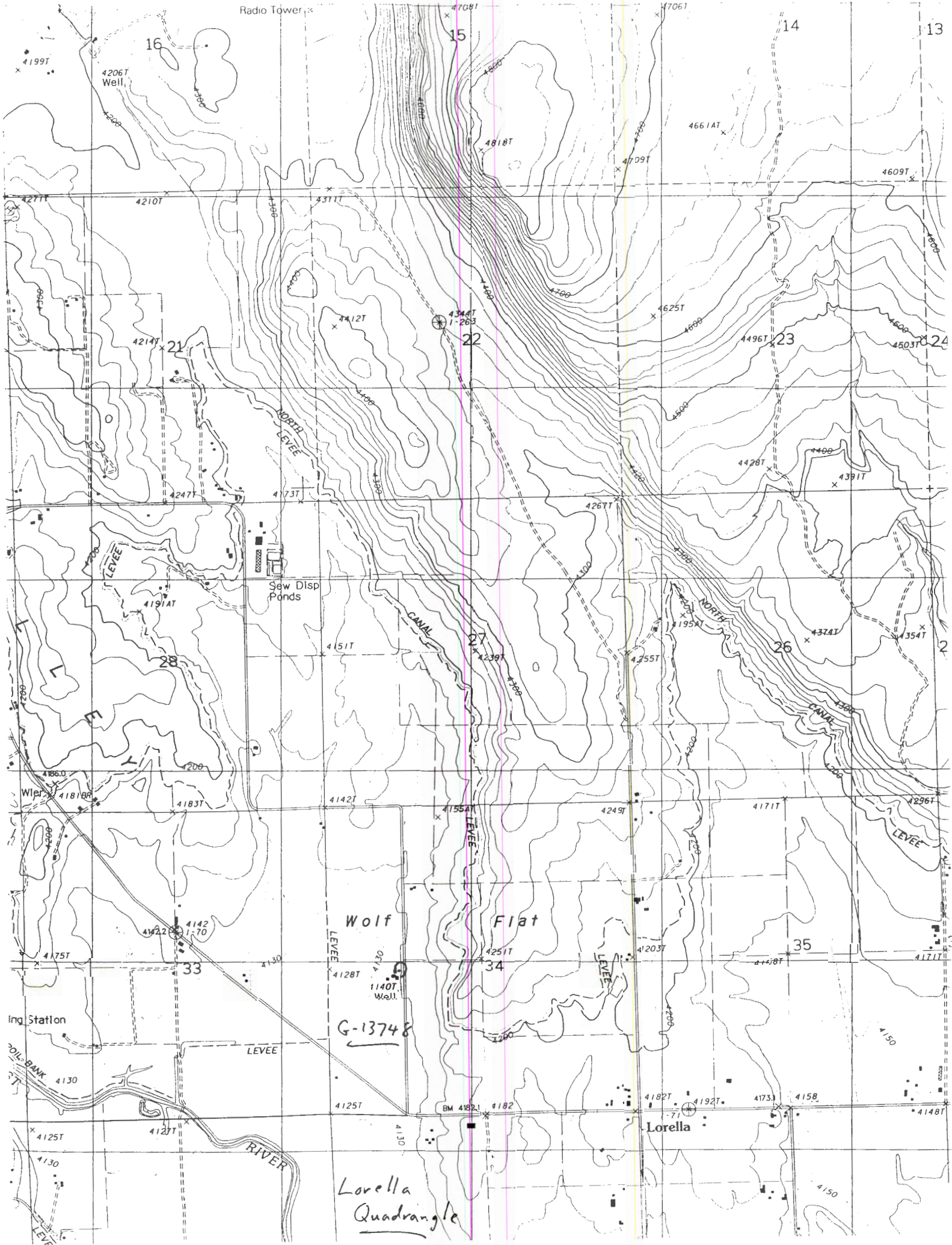
From: MICHAEL ZWART

Subject: APPLICATION G-13748, WOLF FLAT FARMS

The application proposes to appropriate 1.9 cfs from one well. The well produces water from a basalt aquifer which is at a depth of greater than 200 feet below land surface. This aquifer is confined, based on a review of the well report and other nearby well reports and application reviews. The basalt is probably Unit 2 of the Basalt of the Basin and Range (Sherrod and Pickthorn, 1992).

The nearest surface water body is the Lost River, which is 3700 feet distant from the well. The basalt aquifer is not likely in hydraulic connection with the nearby reach (within one mile) of the Lost River. It is concluded that the well will not have the potential for substantial interference with the Lost River.

Permit condition 7B is recommended.



Radio Tower

206T Well

Sew Disp Ponds

Wier

Ing Station

Wolf Flat

G-13748

Lorella

Lorella Quadrangle

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

INTEROFFICE MEMO

To: FILE

Date: November 20, 1995

From: MICHAEL ZWART

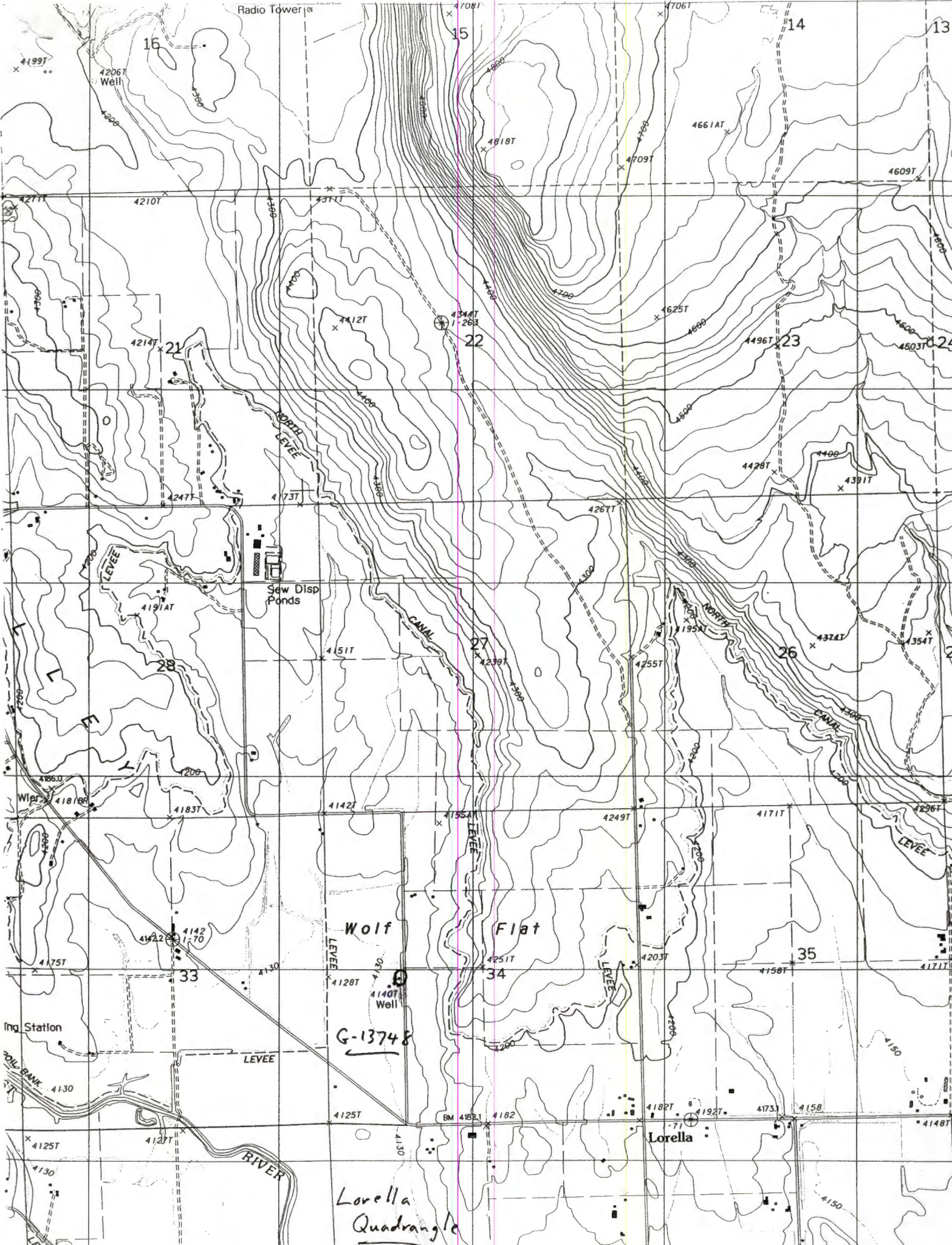
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G 13748



Radio Tower

16

15

14

13

42067 Well

41818

4661 AT

4609T

4210T

4311T

4709T

4214T

4412T

4344T
4263

4625T

4496T

4503T

4247T

4173T

4267T

4426T

4400

4391T

LEVEE

Sew Disp Ponds

CANAL

CANAL

4324T

4354T

28

27

26

2

Well

4183T

4142T

4155AT

4249T

4171T

4226T

4142
4170

Wolf

Flat

35

G-13748

4251T

4203T

4171T

ing Station

LEVEE

LEVEE

4125T

EM 4182.1

4182

4182T

4192T

41731

4158

4148T

4125T

4127T

4130

4150

LEV

Lorella
Quadrangle

4150

TO: Water Rights Section

FROM: Groundwater/Hydrology Section

Michael Zwart

Reviewer's Name

SUBJECT: Application G-13748

Nov. 20, 1995

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REMARKS: _____

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____
-
6. THE WELL construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one groundwater reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more groundwater reservoirs;
 - e. ___ other: (specify) _____
-
7. THE WELL construction deficiency is described as follows: _____
-
8. THE WELL
- a. ___ was, or constructed according to the standards in effect at the time of
 - b. ___ was not original construction or most recent modification.
 - c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit
_____, 199__.
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199__.
(Signature)

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-13748

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T39S/R12E-34

CONDITIONS ATTACHED? Yes No

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart