

**IDAHO DEPT OF
WATER RESOURCES**

Fax

To: ROGER DITTUS –
UNITED WATER

From: DANIEL A. NELSON

Fax: (208) 362-3858

Pages: 1 PAGES PLUS COVER PAGE

Phone:

Date: 09/27/00

Re: CRANE CREEK COUNTRY
CLUB APPLICATION FOR
PERMIT

CC:

Urgent x **Review** **Please Comment** **Please Reply**

● **Comments:**

Enclosed you will find the letter mentioned in the Crane Creek Country Club application for permit that you requested from Steve Lester. I hope that this letter will serve your needs in reviewing this application. If you have anymore concerns please contact me at the address below.

IDAHO DEPARTMENT OF WATER RESOURCES

2735 AIRPORT WAY

BOISE, ID 83705-5082

Thank you for your patience and cooperation.

MICROFILMED
JAN 31 2001



State of Idaho

DEPARTMENT OF WATER RESOURCES

2735 Airport Way, Boise, Idaho 83705

Phone: (208) 334-2190 FAX: (208) 334-2348 www.idwr.state.id.us/idwr/idwrhome.htm

DIRK KEMPTHORNE
Governor

KARL J. DREHER
Director

FAX TRANSMITTAL COVER SHEET

FAX # (208) 334-2348

DATE: 9-28-00

TO: Vic Conrad
JR Simplot
389-7515

FROM: DAN Nelson

DOCUMENT DESCRIPTION: This is memo to mentioned
in the letter concerning the Crane Creek
Country Club application for permit.
If you need anything else please let me
know. Thanks Dan.

TOTAL PAGES SENT: 1 + COVER SHEET

CONTACT:

Daniel A. Nelson

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JAN 31 2001

ADMINISTRATOR'S MEMORANDUM

Application Processing Memo # 60
Adjudication Memo # 44

To: Water Management Division
Adjudication Bureau

From: Norman C. Young *Ncy*

Re: Irrigation Diversion Rate for Turf Grass in Public Areas

Date: August 15, 1996

Irrigation of turf grass in public areas such as golf courses, parks, schools, and cemeteries often requires that the irrigation occur during the night or early morning hours. Since water cannot be applied continuously over a 24-hour period, the irrigation diversion rate is often higher than the statutory standard of 0.02 cfs per acre.

In some cases, a holding pond or regulation pond may eliminate the necessity of diverting a higher rate from the source. A holding pond is used to store the daily requirements of the irrigation system. The diversion rate from the source to the holding pond is based on the continuous-use irrigation requirement and the diversion rate from the pond to the irrigation system is based on the actual hours of operation of the system.

In situations where a holding pond is not practical, a higher rate is considered reasonable and necessary. The diversion rate for a new water right should be based on the requirements of a modern irrigation system with proper management. In an adjudication of water rights, the diversion rate recommended cannot exceed the historical diversion rate nor the amount determined to be reasonably necessary using acceptable irrigation practices. In both cases, a condition is required that limits the daily volume of water diverted.

To calculate the irrigation diversion rate for turf grass for irrigation systems that can not apply water continuously, divide the diversion rate based on continuous operation by the ratio of actual hours of operation per day to 24 hours per day.

Example: A golf course irrigates every day from 10 p.m. to 6 a.m. (eight hours per day). Based on an analysis of the irrigation diversion requirements, the irrigation diversion rate is calculated to be 0.02 cfs per acre under continuous operation. The diversion rate based on the reduced operation time would be 0.06 cfs per acre (0.02 divided by 8/24). The diversion rate of 0.06 cfs per acre is considered reasonable and necessary due to the operation time limitations of the system. This water right must include a condition which limits the daily volume of water diverted.

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**IDAHO DEPT OF
WATER RESOURCES**

Fax

To: VIC CONRAD –
JR SIMPLOT

From: DANIEL A. NELSON

Fax: (208) 389-7515

Pages: 1 PAGES PLUS COVER PAGE

Phone:

Date: 09/27/00

Re: CRANE CREEK COUNTRY
CLUB APPLICATION FOR
PERMIT

CC:

Urgent x **Review** **Please Comment** **Please Reply**

● **Comments:**

Our office recently sent an application for permit for Crane Creek Country Club to the JR Simplot Company to determine if there will be any harm caused to your organization by the permit. This application refers to a letter that was not originally enclosed with your copy of the application. I hope that you can see that this letter is put with the application that we sent you. If you have concerns please contact me at the address below.

IDAHO DEPARTMENT OF WATER RESOURCES

2735 AIRPORT WAY

BOISE, ID 83705-5082

Thank you for your patience and cooperation.

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JAN 31 2001

**IDAHO DEPT OF
WATER RESOURCES**

Fax

To: CITY OF BOISE
DEPT. OF PARKS AND
RECREATION
ATTN: PAUL PHILBROOK

From: DANIEL A. NELSON

Fax: (208) 384-4127 **Pages:** 1 PAGES PLUS COVER PAGE

Phone: **Date:** 09/27/00

Re: CRANE CREEK COUNTRY **CC:**
CLUB APPLICATION FOR
PERMIT

Urgent **x Review** **Please Comment** **Please Reply**

● **Comments:**

Our office recently sent an application for permit for Crane Creek Country Club to the City of Boise - Parks and Recreation Dept. to determine if there will be any harm caused to your organization by the permit. This application refers to a letter that was not originally enclosed with your copy of the application. I hope that you can see that this letter is put with the application that we sent you. If you have concerns please contact me at the address below.

IDAHO DEPARTMENT OF WATER RESOURCES

2735 AIRPORT WAY

BOISE, ID 83705-5082

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JAN 31 2001

Ident. No. 63-12596

Comments: Date: 9/11/2000 User-ID: DNELSON

Subject: ADDITIONAL INFORMATION

APPLICANT: Applicant proposes to increase diversion rate for golf course to irrigate during non-business hours. This permit will not increase the total volume being used for irrigation from water right 63-03108. When combined this permit and 63-03108 should not exceed 517.5 afa currently licensed. The applicant feels that since the annual volume will remain the same then no mitigation should be required for this right since it is non-consumptive.

IDWR REVIEW: This application has two significant overlapping rights 63-03108 and 63-12152. Since this application seek only to increase the diversion rate and not the annual volume these two rights should not cause a conflict. Application was advertised as non-consumptive use since there will be no increase in annual volume. Volume should be limited to 517.5 afa licensed under 63-03108.

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JAN 31 2001