



SPF WATER
ENGINEERING

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MAR 04 2011

DEPARTMENT OF
WATER RESOURCES

March 2, 2011

Dan Nelson
IDWR State Office
PO Box 83720
Boise, ID 83720-0098

Subject: *BSU Water Bank Lease Application*

Dear Dan,

The following letter is in response to the Department's concern that acceptance of Boise State University's Water Bank Lease Application may result in an enlargement in the associated water rights. In your e-mail dated February 23, 2011, you indicated that the Department cannot accept a water bank lease without knowing the exact acres that will continue to be irrigated and those acres that will no longer be irrigated.

To address the Department's concern, attached are the following:

1. GIS Map 1 indicating the location of 43.7 acres originally authorized for irrigation on the BSU Campus under water right 63-27214. Recently approved Transfer No. 75807 now allows BSU to irrigate 43.7 acres irrigation within a 115-acre permissible place of use (ppu).
2. GIS Map 2 indicating the location of 30 total acres currently irrigated within the BSU Campus. These acres were calculated using irrigation system and landscape diagrams provided by BSU and 2007 GIS imagery from Ada County Assessor (available at the time the water bank application was prepared). The 2007 County imagery was used because of its high resolution and because, when compared, there were insignificant irrigation differences between 2007 and 2009 imagery.
3. GIS Map 3 showing the original and current irrigated areas over-laid on 2010 GIS imagery from Ada County for comparison purposes.

In summary, approximately 13.7 acres of water right 63-27214 are currently unused. GIS shape files of the original 43.7 irrigated acres and the 30 acres currently irrigated, as shown on the maps, will be provided via email.

Please let me know if you have any further questions Dan.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Graves".

Lori Graves
Water Rights Specialist

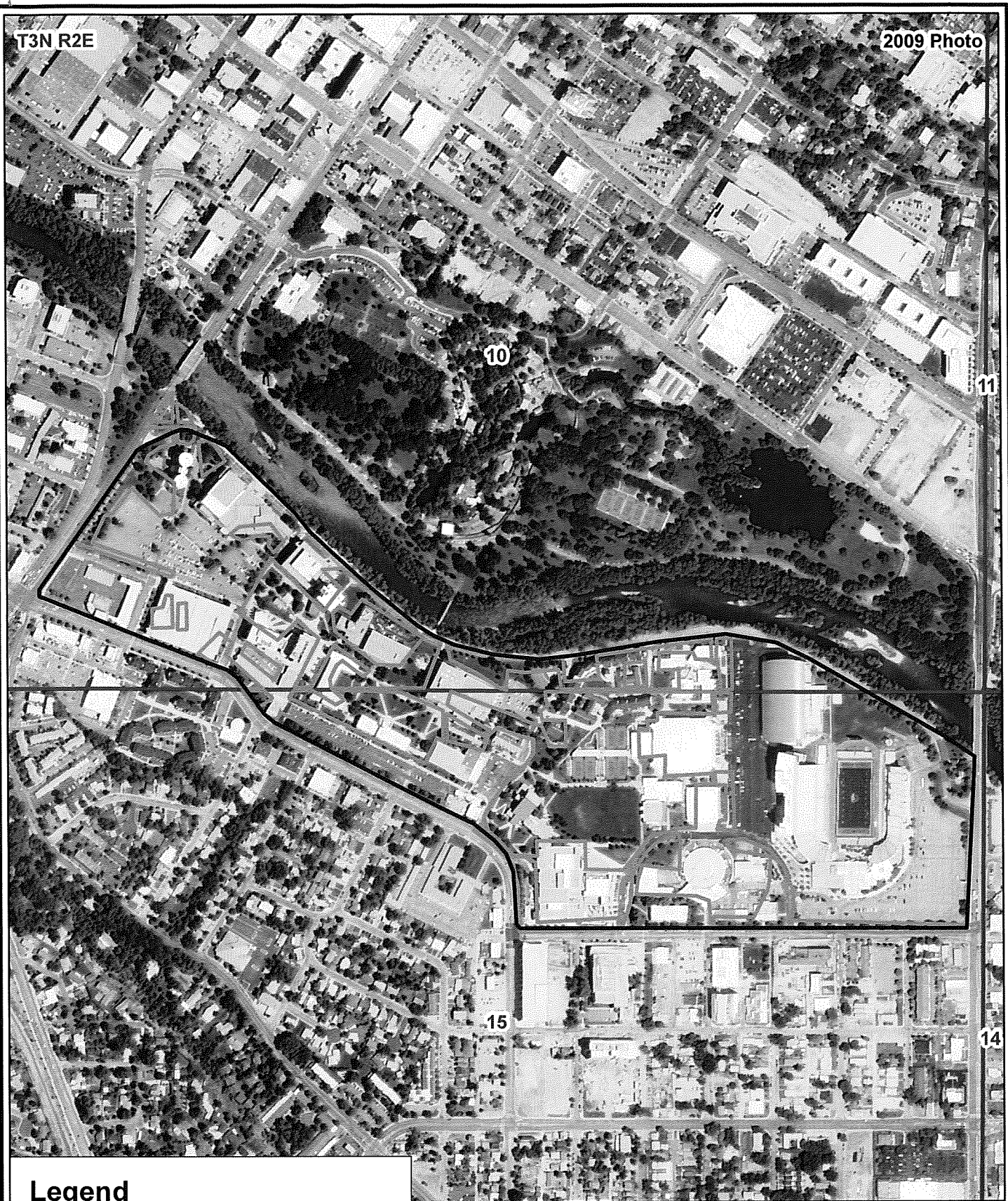
Cc: Tim Fearnside, BSU

Enclosures

SPF file number: 299.0040

T3N R2E

2009 Photo



Legend

-  63-27214 Original POU (43.7 Acres)
-  63-27214 Current PPU (115 Acres)
-  Sections

GIS Map 1

0 400 800 Feet



2007 Photo



☐ BSU Current Irrigation (30 Acres)
☒ 63-27214 Current PPU (115 Acres)
☐ Sections

GIS Map 2



