

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 63-33052

Exam Date: 6/26/2012

1. Current Owner: CITY OF BOISE  
PARKS & RECREATION DEPT  
1104 ROYAL BLVD  
BOISE ID 83706-2898  
(208)608-7600
2. Accompanied by: Kelly Burrows, Mike Woodward, and Maria Minicucci of City of Boise  
Phone No: Same  
Address: Same  
Relationship to Permit Holder: Employees with City of Boise Parks & Recreation Dept.

3. SOURCE TRIBUTARY  
GROUND WATER BOISE RIVER

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

**C. DIVERSION AND DELIVERY SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER L5 (SE1/4SW1/4) Sec. 19, Twp 03N, Rge 03E, B.M.

ADA County

GROUND WATER L9 (NW1/4NE1/4) Sec. 30, Twp 03N, Rge 03E, B.M.

ADA County

Method of Determination: Aerial photography with field verification.

**2. PLACE OF USE:**

MUNICIPAL STORAGE

| Twp | Rge | Sec | NE | NW  | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | Totals |
|-----|-----|-----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
| 03N | 03E | 19  |    |     |    |    |    |    |    |    |    |    | X  | X  |    |    |    |    |        |
|     |     |     |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
| 03N | 03E | 30  |    | X   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    | L 9 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |

Method of Determination: Aerial photography with field verification.

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable. – No delivery system applicable. See Map and Plans attached for details.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

**4. Well or Diversion**ID No.\*Motor MakeHpMotor Serial No.Pump MakePump Serial No. or Discharge Size

Loggers Pond

N/A-Excavated pond fills with shallow ground water

Williams Pond

N/A-Excavated pond fills with shallow ground water

\*Code to correspond with No. on map and aerial photo

**D. FLOW MEASUREMENTS**1. Measurement

| <u>Equipment</u>               | <u>Type</u> | <u>Make/Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|--------------------------------|-------------|-----------------------|-------------------|-------------|--------------------|
| No physical measurement @ exam | N/A         | N/A                   | N/A               | N/A         | N/A                |

See Flow Calculations Section below for volume calculations relative to storage use.

2. Measurements: None taken. Excavated ponds next to Boise River fill with shallow ground water. No measureable diversion(s). Detailed plans describing pond dimensions provided by owner at exam. Used to calculate volume below.

**E. FLOW CALCULATIONS – N/A**N/A Additional Computation Sheets Attached**Measured Method: No flow rate to be determined/recommended.****F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Municipal Storage:

Capacity based on general shape, surface area (SA) @ normal water level (WL) elevation, &amp; depth data. See Attached Plans for pond dimension details.

**Loggers Pond Capacity:** General Shape = Flat Bottomed  
 SA @ normal WL = 2.4 ac  
 Depth (maximum under normal conditions – low water level) = 13 ft  
 $2.4 \text{ ac} \times 13 \text{ ft} = 31.2 \text{ af}$

**Williams Pond Capacity:** General Shape = V-Shaped  
 SA @ normal WL = 2.6 ac  
 Depth (maximum under normal conditions – low water level) = 32 ft  
 $2.6 \text{ ac} \times 32 \text{ ft} \times 0.4 = 33.3 \text{ af}$

**Loggers Pond Capacity + Williams Pond Capacity = Municipal Storage Use = 64.5 af** (within conditioned volume maximum of 70 af)**Total Surface Area = 2.4 ac + 2.6 ac = 5.0 ac** (within conditioned surface area maximum of 6 acres)Calculated Pond Capacity Volume = **64.5 af**Permitted Volume = **70.0 af**Proof of Beneficial Use fee paid = \$100.00 = up to **100 af****Recommend Calculated Pond Capacity Volume = 64.5 cfs AF (typo) 4/2 10/31/12****G. NARRATIVE/REMARKS/COMMENTS****SYSTEM DESCRIPTION:**

System consists two excavated ponds adjacent to the Boise River that fill with shallow ground water. Detailed plans attached show pond dimensions. The ponds, known as Loggers Pond and Williams Pond, are located in Marianne Williams Park. See map for names and location details. Loggers pond fills with shallow ground water, but also takes flood waters from west to east end of pond to prevent flooding of nearby homes in the subdivision south of the park. Williams pond fills with shallow ground water, but is also used as part of the irrigation system for the park. Irrigation water is diverted via gravity from the Boise River to a small settlement pond then to Williams pond from which it's pumped for irrigation of the park.

**OVERLAP:**

A portion of right 63-243G (South Boise Mutual Irrigation Company Ltd.) is associated with the P/U in the sense it serves as mitigation for the ponds' consumptive use. Permit 63-33341 authorizes irrigation within the park. There are no other water rights for municipal storage associated with this right's P/Ds (ponds) or P/U.

**COMPLIANCE WITH PERMIT CONDITIONS:**

Permit conditioned mitigation for consumptive use associated with the ponds shall be accomplished via non diversion of a 0.12 cfs 27.0 af portion of South Boise Mutual Irrigation Company, Ltd. right no. 63-243G. Confirmed via

email with Rex Berrie, Bs 63 Watermaster, South Boise Mutual Irrigation Company, Ltd diversions via the Bubb Canal less than amount authorized for their natural flow irrigation rights. See email correspondence dated October 23, 3012. Maximum depth of either pond is not greater than 32 ft, which is in compliance with water bearing zone condition of 1 to 35 ft. To the best of my knowledge, owner has complied with all other permit conditions.

Have conditions of permit approval been met? ☒ Yes ☐ No

#### H. RECOMMENDATIONS

##### 1. Recommended Amounts

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>DIVERSION RATE</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|-----------------------|----------------------|
| MUNICIPAL STORAGE     | 01/01 to 12/31       | N/A                   | 64.5 AF              |
|                       | <u>Totals:</u>       | N/A                   | 64.5 AF              |

##### 2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

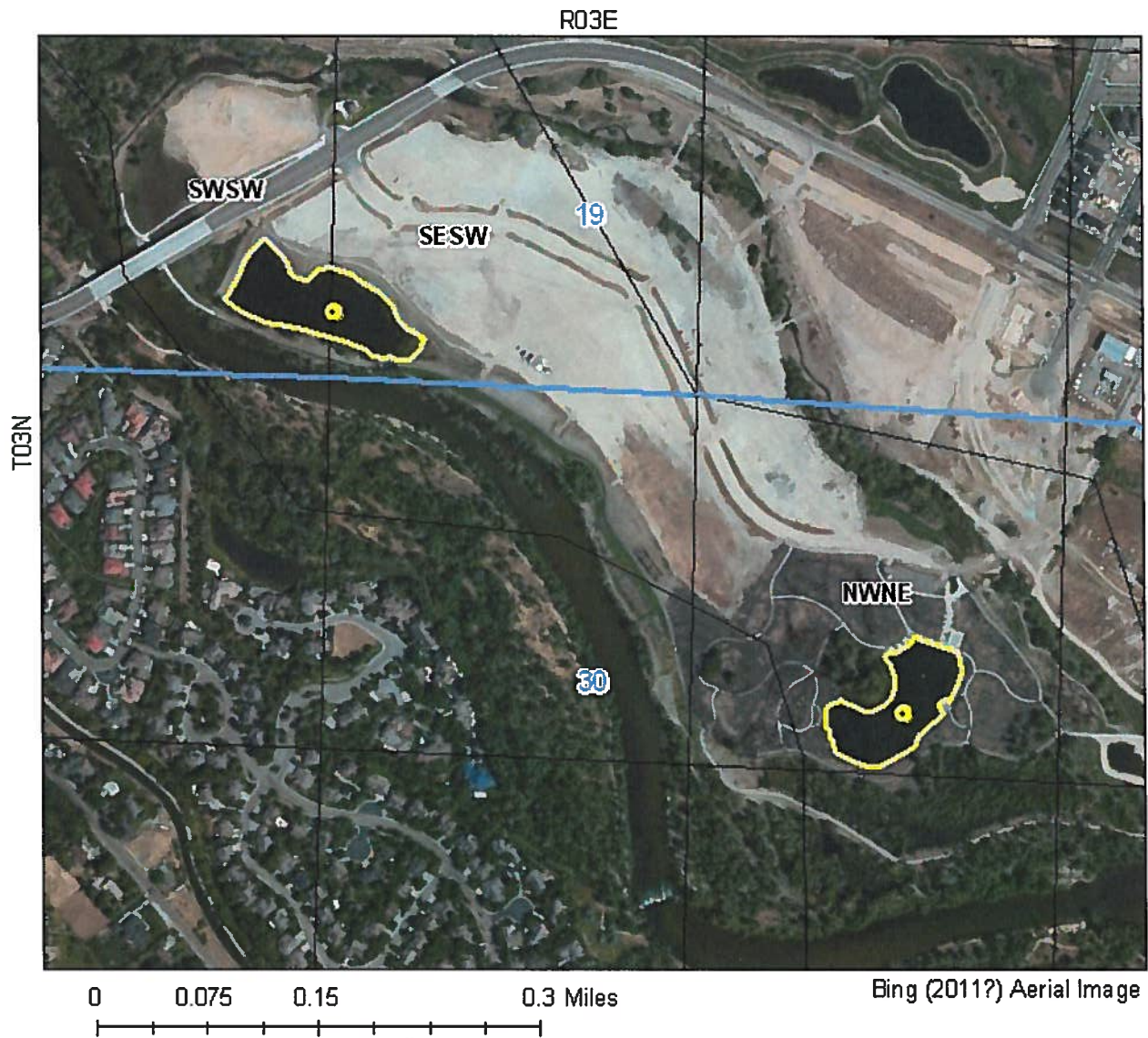
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

#### I. AUTHENTICATION

Field Examiner's Name Angela M. Gimm Date 10/23/2012

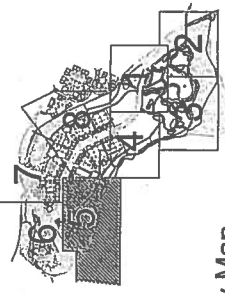
Reviewer \_\_\_\_\_ Date \_\_\_\_\_

State of Idaho  
Department of Water Resources  
**Beneficial Use Field Report Map**  
**63-33052**



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters





## Key Map



MARIANNE WILLIAMS PARK  
CITY OF BOISE  
BOISE, IDAHO, ADA COUNTY



-Landscape Architecture  
 -Civil Engineering  
 -Site Planning  
 -Golf Course Irrigation  
 & Engineering  
 -Graphic Communication  
 -Land Surveying

462 East Shore Drive,  
 Suite 100  
 Eagle, Idaho 83616  
 Phone (208) 839-4041  
 Fax (208) 839-4445  
[www.thelandgroupinc.com](http://www.thelandgroupinc.com)

|                 |        |
|-----------------|--------|
| Project Number: | 06095  |
| Designed By:    | MD/EC  |
| Drawn By:       | AE     |
| Checked By:     | JD     |
| Issue Date:     | 8.3.10 |



SCALE: 1"=30'-0"

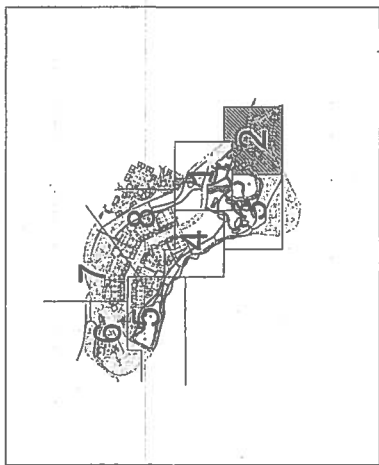
Sheet 126:  
GRADING  
PLAN  
AREA 2

Sheet Number: C3.02

**General Sheet Notes:**

1. REFER TO PROJECT SPECIFICATIONS AND GEOTECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION RELATED TO NATIVE SUBGRADE PREPARATION, STRUCTURAL FILL PLACEMENT, MOISTURE CONTENT AND COMPACTION REQUIREMENTS AND PROCEDURES.

2. SPOT DEVIATIONS INDICATE FRESH ELEVATION AS FOLLOWS:  
TA = TOP OF ASPHALT  
TF = TOP OF CONCRETE  
IF = FRESH FLOOR  
LA = LAUNCH EXISTING  
LS = LAUNCH SLOPE  
GT = GRADE  
FL = FLOW LINE  
TO = TOP OF GRAVEL  
FR = FRESH GRADE  
CR = CRACK  
RW = ROADWAY  
CH = COORDINATE WITH ROADWAY DRAININGS  
DH = COORDINATE WITH ACHD ROADWAY DRAININGS
3. SPOT ELEVATIONS ON PATHWAYS INDICATE THE HIGH SIDE OF THE PATHWAYS UNLESS OTHERWISE NOTED. SLOPE TO BE 2% ACROSS ALL PATHWAYS.
4. THE CONTRIBUTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL PATHWAYS TO PREVENT STANDING WATER.
5. GROUND IRREGULARITY TO VULNERABLE SHALL NOT EXCEED 6.1 IN ANY DIRECTION UNLESS NOTED OTHERWISE. COORDINATE WITH AREAS WITH LANDSCAPE PLAN.
6. GRADING OF TURF AREAS SHALL NOT EXCEED 6.1 IN ANY DIRECTION UNLESS NOTED OTHERWISE. COORDINATE WITH AREAS WITH LANDSCAPE PLAN.
7. WALLS AND COUNTERSLOPES GRADING SHALL NOT EXCEED 2% CROSS SLOPE OR 6% LONGITUDINAL SLOPE.



## Key Map

# Harris Ranch - By Others

Wetland Bank Area  
By others

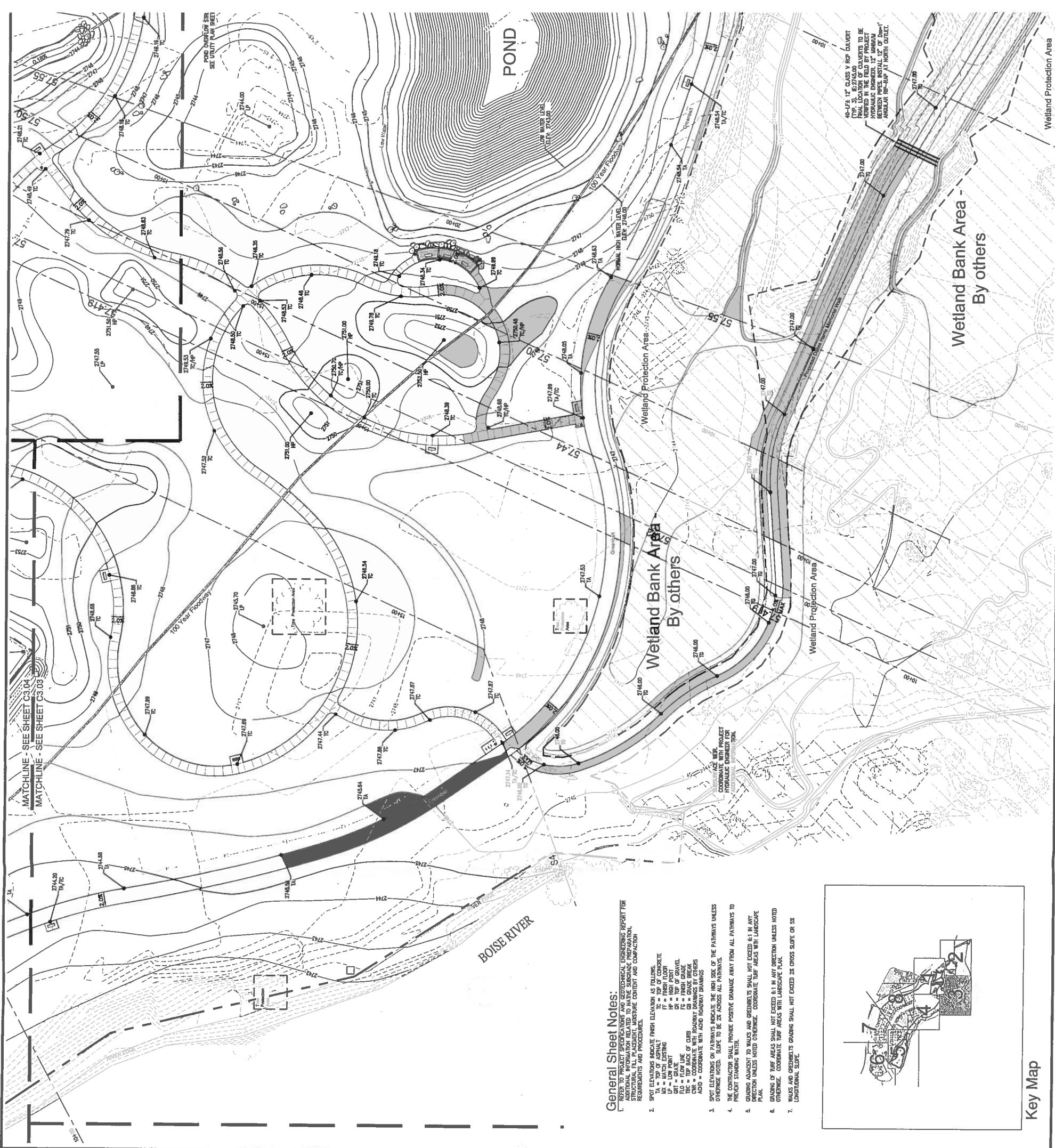
Wetland Bank Area  
By others

# Harris Ranch By Others

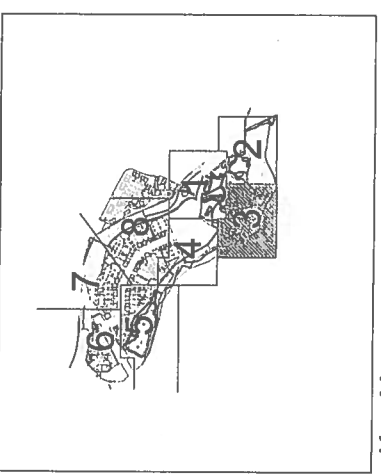
DRAINAGE PLANS  
 APPROVED *02/13/00*  
 NAME *2809* DISE  
 ODING  
 INSPECTION COPY:  
 FILE/COPY:  
 SITE COPY:

PROVIDE CONTINUOUS REB-RAP AROUNDING ALONG ACCESS ROADWAY AND THE INTO REB-RAP AROUNDING AT INTAKE STRUCTURE. CONSTRUCT GRAVEL ACCESS ROADWAY SECTION ABOVE AROUNDING AT PATHWAY CROSSING AND ROADWAY TURNAROUND AS APPLICABLE.

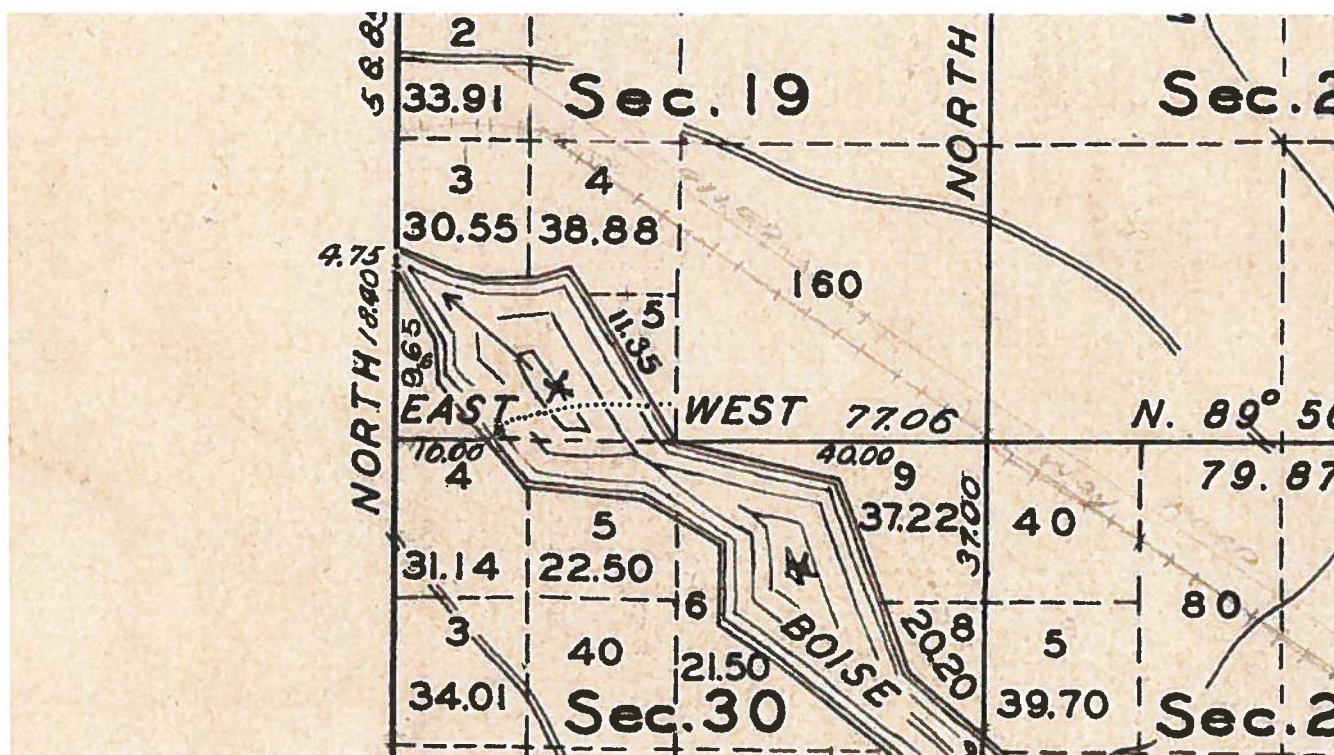
Boise River



- General Sheet Notes:**
1. REFER TO PRELIMINARY DESIGN REPORT FOR ADDITIONAL INFORMATION RELATED TO NATIVE VEGETATION, SOILS, AND OTHER REQUIREMENTS AND PROCEDURES.
  2. SPOT ELEVATIONS INDICATE FINISH ELEVATION AS FOLLOWS:
    - TC = TOP OF CURB
    - TP = TOP OF PAVEMENT
    - IT = FINISH FLOOR
    - MA = MATCH EXISTING
    - LP = LOW POINT
    - HP = HIGH POINT
    - ET = ELEVATION
    - FE = FINISH GRAVEL
    - FL = FINISH GRAVEL
    - BL = LOW LINE
    - CE = GRADE BREAK
    - TE = TOP BACK OF CURB
    - CS = COORDINATE WITH OTHERS
    - ACD = COORDINATE WITH ACD BOUNDARY
  3. SPOT ELEVATIONS ON PAVEMENTS INDICATE THE HIGH SIDE OF THE PAVEMENTS UNLESS OTHERWISE NOTED. SLOPE TO BE 2% ACROSS ALL PAVEMENTS.
  4. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL PATHWAYS TO PREVENT STANDING WATER.
  5. GRADING ADJUST TO WALKS AND GREENBELTS SHALL NOT EXCEED 6:1 IN ANY DIRECTION UNLESS NOTED OTHERWISE. COORDINATE TURF AREAS WITH LANDSCAPE PLAN.
  6. GRADING OF TURF AREAS SHALL NOT EXCEED 6:1 IN ANY DIRECTION UNLESS NOTED OTHERWISE. COORDINATE TURF AREAS WITH LANDSCAPE PLAN.
  7. WALKS AND GREENBELTS GRADING SHALL NOT EXCEED 2% CROSS SLOPE OR 5% LONGITUDINAL SLOPE.



Key Map



T3N R3E

## 63-33052 Beneficial Use Field Report Photos



**63-33052 Exam 6/26/2012:** Central/southern portion of Loggers Pond facing south. Boise River beyond trees in the background.



**63-33052 Exam 6/26/2012:** Central/northern portion of Williams Pond facing north.

## MIKE WOODWARD - Re: Marianne Williams Ponds

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**From:** Kelly Burrows  
**To:** Maria Minicucci  
**Date:** 6/13/2012 8:34 AM  
**Subject:** Re: Marianne Williams Ponds  
**CC:** MIKE WOODWARD

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### Normal/Low Water Level

The surface area for <sup>Williams</sup>Loggers Pond is 111,180 sq.ft. (2.55 acres) and it is 32' deep.  
The surface area for <sup>Williams</sup>Williams Pond is 103,667 sq.ft. (2.38 acres) and it is 13' deep.

<sup>LOGGERS</sup>

>>> Maria Minicucci 6/8/2012 1:06 PM >>>

Kelly,

IDWR has contacted us to conduct the field exam on the water right for the ponds. Do you have as-builts for them that show surface area and depths?

mm

## Grimm, Angie

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**From:** Maria Minicucci [mminicucci@cityofboise.org]  
**Sent:** Wednesday, June 13, 2012 9:00 AM  
**To:** Grimm, Angie  
**Subject:** 63-33052 Licensing Exam (Marianne Williams Park)  
**Attachments:** RevisedPondDetail3&5C2.53 06095\_1.pdf; C3.02.pdf; C3.01.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Angie,

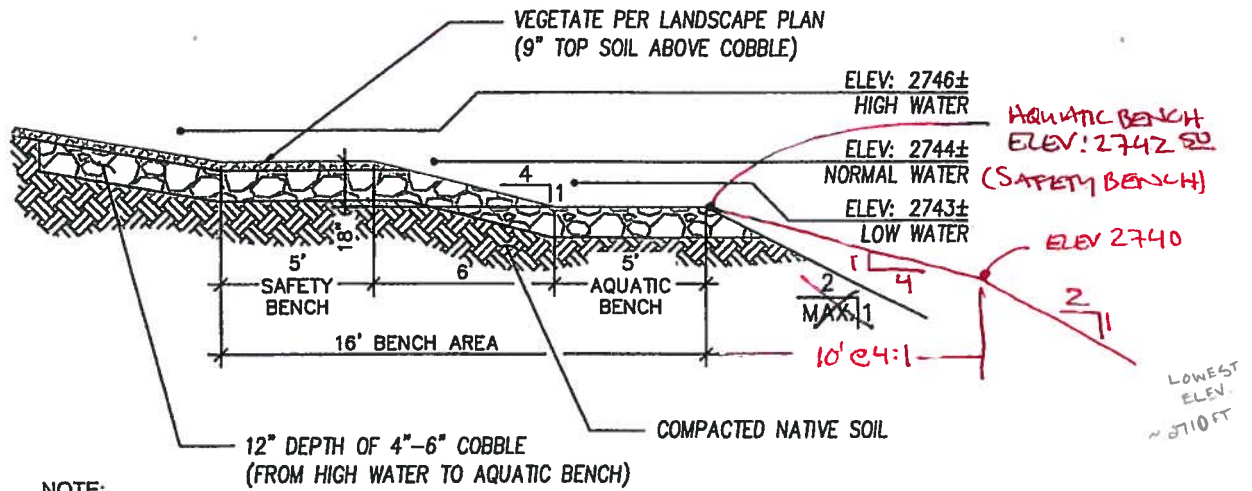
Attached please find drawings for the new ponds at Marianne Williams Park. Included are red-lined drawings that show adjustments that were made in the field. We changed the slope to extend the safety bench along the edges so that it will be easier for a person to get out of the pond should they venture in too far.

We'll meet you on site on the 26th. The site is gated, but you can park at the gate off of Parkcenter Blvd. We can meet right at the gates.

*Maria Minicucci*

Property Administrator  
City of Boise  
Dept. of Parks & Recreation  
1104 Royal Blvd  
Boise ID 83706 -2898  
(208) 608-7614  
[mminicucci@cityofboise.org](mailto:mminicucci@cityofboise.org)

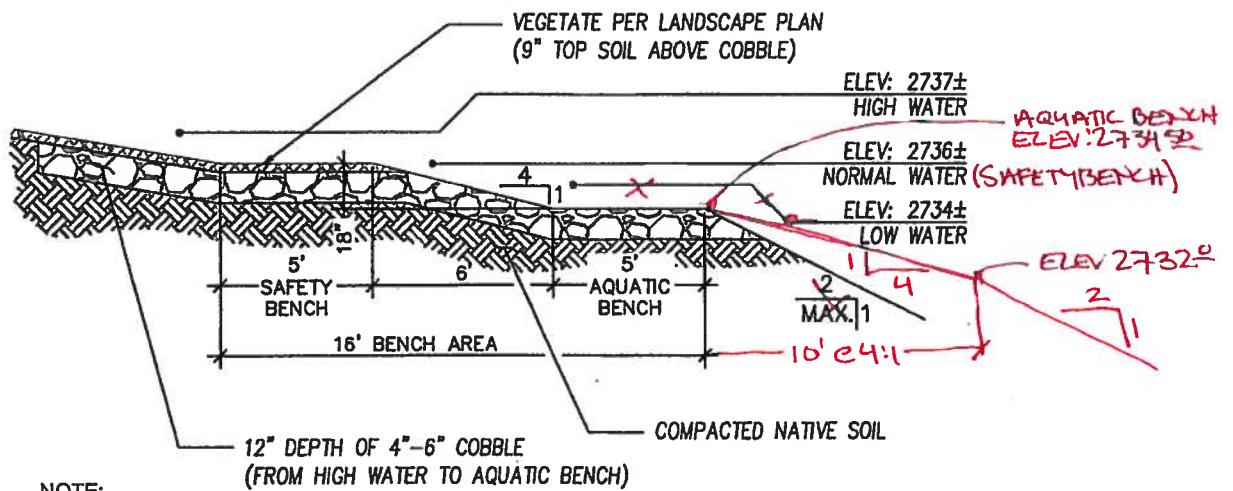
-



NOTE:  
POND GRADING REPRESENTED SHALL OCCUR ON ALL  
SIDES OF POND UNLESS NOTED OTHERWISE.

### 3 Pond Section (Core Park)

Scale: NTS



NOTE:  
POND GRADING REPRESENTED SHALL OCCUR ON ALL  
SIDES OF POND UNLESS NOTED OTHERWISE.

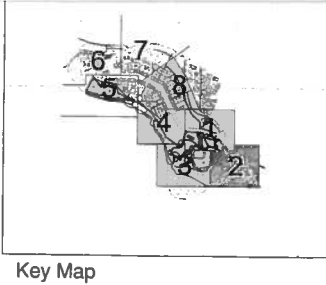
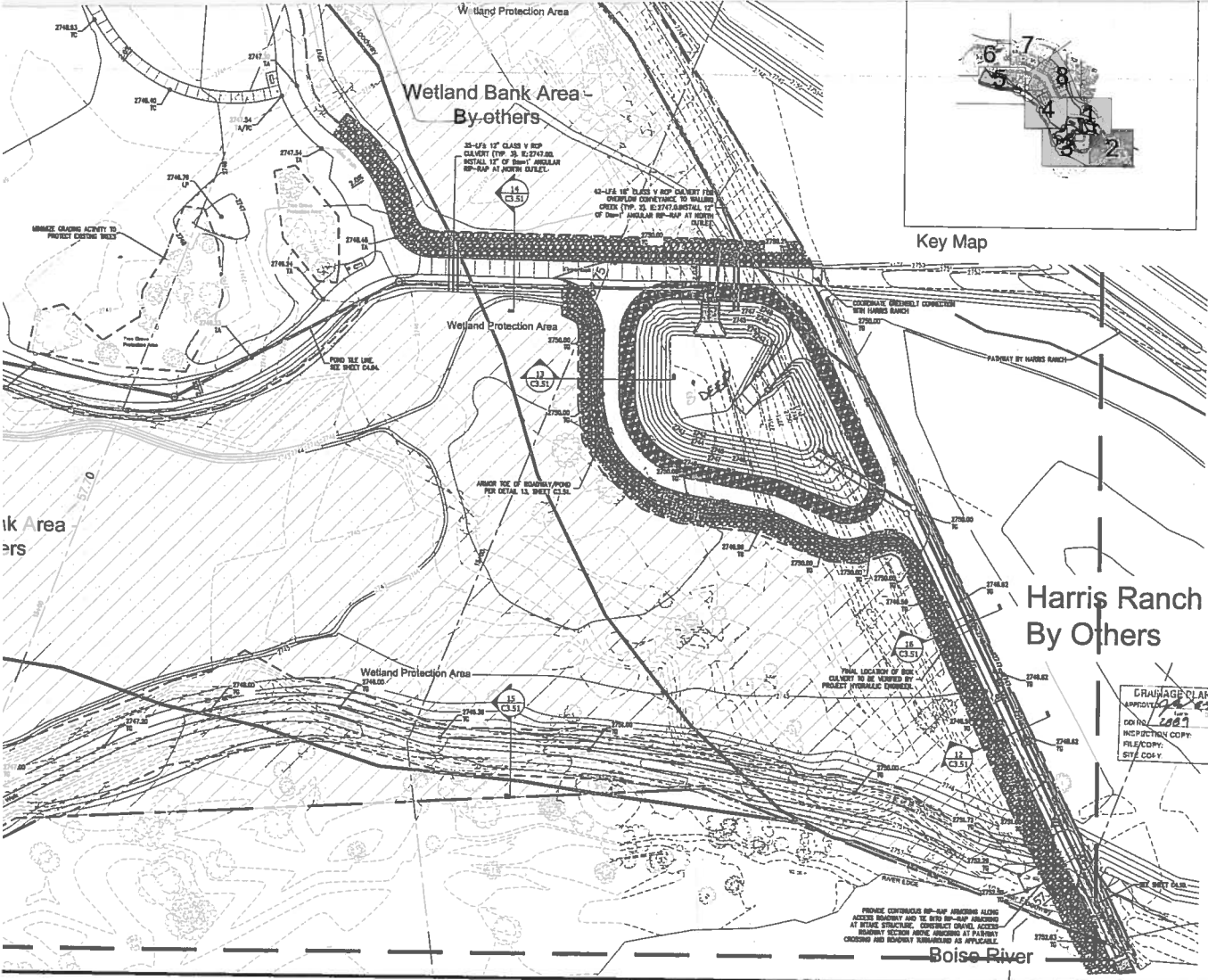
### 5 Pond Section (Northwest)

Scale: NTS

SHEET C2.53

7/20/2009





**MARIANNE WILLIAMS PARK**  
**CITY OF BOISE**  
 BOISE, IDAHO, ADA COUNTY

**THE LAND GROUP**  
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- Civil Engineering
- Site Planning
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|                 |        |
|-----------------|--------|
| Project Number: | 08205  |
| Designed By:    | MDR    |
| Drawn By:       | AG     |
| Checked By:     | JL     |
| Issue Date:     | 8.8.10 |



Sheet Title:  
**GRADING  
 PLAN  
 AREA 2**

Sheet Number:  
**C3.02**

## Lester, Steve

---

**From:** Rex Barrie [waterdistrict63@qwestoffice.net]  
**Sent:** Tuesday, October 23, 2012 7:41 AM  
**To:** Lester, Steve  
**Subject:** South Boise Mutual Irrigation Co.

Steve,

According to my 2012 water reports the maximum amount diverted thru the Bubb Ditch ( South Boise Mutual Irr. Co.) was 4.2 cfs. The SRBA rights indicate 8.61 cfs natural flow and 529 af of storage.  
At the Stewart Decree 60% rate they would be allowed 5.16 cfs of natural flow. During the 60% period my records show 3.8 cfs maximum diversion.  
These flow amounts do not include the Mary Ann Williams Park diversion as they leased water from the Rental Pool for 2012 operations.

Rex R. Barrie  
Boise River Watermaster

---

**From:** Lester, Steve [mailto:Steve.Lester@idwr.idaho.gov]  
**Sent:** Monday, October 22, 2012 9:20 AM  
**To:** waterdistrict63@qwestoffice.net  
**Subject:** Watermaster Information

Rex:

This follows up on our conversation this morning about two things.

1) Please provide an email reply showing South Boise Mutual Irrigation Co. has not diverted its full natural flow amount this year. This will verify that 0.92 cfs of their natural flow has remained in the river to mitigate 2 new permits for Marianne Williams Park: 63-33052 shallow ground water ponds & 63-33341 river water for irrigation). Then we can proceed with the water right license process for this park.

2) Application 63-33651, waste water for irrigation near Middleton – this is the application with water district concerns noted in your 8/3/2012 Watermaster recommendations regarding waste water returns between Star and Caldwell. Water district data confirms waste water returns have significantly exceeded the amount required to satisfy the credit system defined by decreed rights 63-21729 & 63-31937. A new approval for waste water in this area would include a curtailment condition if the return flows drop below the required amount. This condition will protect the credit system used by the irrigation organizations under those decreed rights.

Based on our discussion, you confirmed that continued monitoring of the return flows plus this curtailment condition should be sufficient to make this work. This email will serve to update your comments for the application along those lines, allowing the application to be approved with the curtailment condition. The department will approve the application and make sure the applicant understands the arrangement. You do not need to reply regarding this application unless you wanted to add anything to this summary of our discussion.

Thanks for your help with both of these things.

Steve