



CO –Sponsors

2208 E. Chicago, Suite A, Caldwell, ID 83605

DRAFT Agenda 319 TAC Meeting

TUESDAY, April 4, 2017

8:00 am

USDA Service Center Building
Conference Room

- A. Opening of meeting (Mike Swartz)
- B. Review March 7, 2017 minutes—emailed on March 14, 2017.
- C. Old Business
 - 1. Robin
 - 2. Dan—TMDL Implementation & Trading Framework Plan
 - a. Water Quality Time Framework
 - b. State legislative BMP funding proposal
 - c. Letter of Commitment for Water Quality project from Curtis Elke (Amie Miller presented at the 3/7/17)
 - 3. TMDL Implementation Plan--Delwyne Trefz, ISWCC
 - 4. Graham--Lower Boise River Irrigation Analysis/Irrigation Analysis Summary Tables.
 - 5. Clean Water Partner, LLC--Hal
 - 6. RCPP Update
- D. Open items for discussion
 - 1. Agency reports
 - a. NRCS—Amie Miller, D.C.

Set time and date for next meeting

1 Please note the agenda is subject to change. Thank you!

3/14/17
mailed



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DRAFT 319 TAC Meeting Minutes
Tuesday, March 7, 2017 - 8:00 AM
USDA Service Center, Conference Room

Sign in sheet for the 319 TAC meeting completed— Mike Swartz-CSCD, Lori Kent-CSCD, Robin Hadelor-CSCD, Amie Miller-NRCS, Delwyne Trefz- ISWCC, Hal Anderson-CWP, Lance Holloway-DEQ, Graham Freeman-DEQ, Nate Runyan-City of Nampa & Rob Tiedemann-CWP.

- A. Opening of meeting (Mike Swartz)—8:10 AM and Introductions.
- B. Reviewed minutes from the February 7, 2017 meeting.
- C. Old Business
 - 1. Robin
 - Informed the group of ADA SWCD videos with Jason Miller and Brad McIntyre Soil Health videos. See links below--
<https://www.youtube.com/watch?v=yjkO-PYzsoM>
<https://www.youtube.com/watch?v=OJXOXjK37xg>
 - Informed the group he spoke with Julia at DEQ, the funding results from October 18, 2016 BAG Presentation is unknown until May (hopefully). The prior 319 funding cycle was released in September.
 - 2. Dan—Discussion TMDL Implementation & Trading Framework Plan--not present
 - Water Quality Time Framework.
 - State legislative BMP funding proposal.
 - Letter of Commitment for Water Quality project from Curtis Elke. (presented by Amie).
 - 3. Delwyne--TMDL Implementation Plan
 - a. Updated DRAFT 2015 TMDL Implementation Plan.
 - *Dan/Graham working on the timeline.
 - *Graham is finishing Abby's work (ag land converted into subdivision or another use).
 - *Hal's email per Delwyne's request (they will meet after this 319 TAC meeting).
 - *the end of April the support of 4B effort will be finished.
 - *justification needs to be included in plan for fall presentation.
 - *Delwyne will send out DRAFT TMDL

Implementation Plan before the April 4th 319 TAC meeting for review. (2012 section for trading development needs to be included in the DRAFT).

4. Hal & Rob--Clean Water Partners

*Hal emailed request to Delwyne per January and February meetings.

*How to fill out the Water Rights applications. CWP and Water Resources have 3 projects Hartley Gulch, Sand Hollow and 15 Mile Creek work in progress. Has to be advertised per requirements

*non-consumptive & consumptive 150 - 200 CFS removal of pounds of total P and tons of TSS in those creeks-as soon as weather clears up.

5. RCPP Update—Amie reported

1. Amie will be attending the RCPP meeting on Wednesday, March 8th at 1 PM.

*March 20th the guys will be here from WA to take core samples from the RCPP project area. Amie and Lori will take pictures.

*it will be mid-summer before installation takes place.

*the media event to be announced.

*the RCPP project should be working by next year.

*two landowners have turned in an application in the RCPP project area.

6. Open items for discussion

1. Agency reports-NRCS-Amie report

*Letter from Curtis Elke, S.C., to State Rep. Dayley regarding the opportunity to partner with the state of Idaho to assist in conserving our water quality. \$250,000.00 has been committed from NRCS for the Water Quality project administered by the state of Idaho's DEQ with emphasis in the Treasure Valley.

*EQIP ranking is due March 24, they will start writing contracts in April and contracts will be completed by May 5, 2017.

2. Hal informed the group of activities in congress in D.C.

NEXT MEETING WILL BE TUESDAY, April 4, 2017 at 8:00 AM in the
USDA, Service Center -- Conference Room

Adjourned 9:00 am

Kent, Lori - NRCS-CD, Caldwell, ID

From: Graham.Freeman@deq.idaho.gov
Sent: Thursday, March 16, 2017 9:07 AM
To: dan@sawtoothlaw.com; Delwyne.Trefz@swc.idaho.gov; Hadeler, Robin P. - NRCS-CD, Caldwell, ID; swzmike@mindspring.com; Miller, Amie - NRCS, Caldwell, ID; BBRAUN@amalsugar.com; runyann@cityofnampa.us
Cc: Lance.Holloway@deq.idaho.gov; Kent, Lori - NRCS-CD, Caldwell, ID; Melissa.Hill@deq.idaho.gov; abbysteenson@gmail.com
Subject: Lower Boise River Irrigation Analysis
Attachments: LBR Irrigation Analysys.jpg; Irrigation Analysis Summary Tables.xlsx

Hello 319 Group,

I've finally finished the work Abby started over her Christmas break. I have new respect for the work Abby did after spending many days looking at looking at Ag fields on google earth. I've attached an updated map and an excel file with the updated numbers. I'd be happy to discuss some of the results at the next 319 TAC. I'm working on getting all of these layers turned into a useable file on Google Earth. Once this is done the 319 group should be able to use google earth to determine what tier a fields falls under.

A couple of things I noticed while developing the tables:

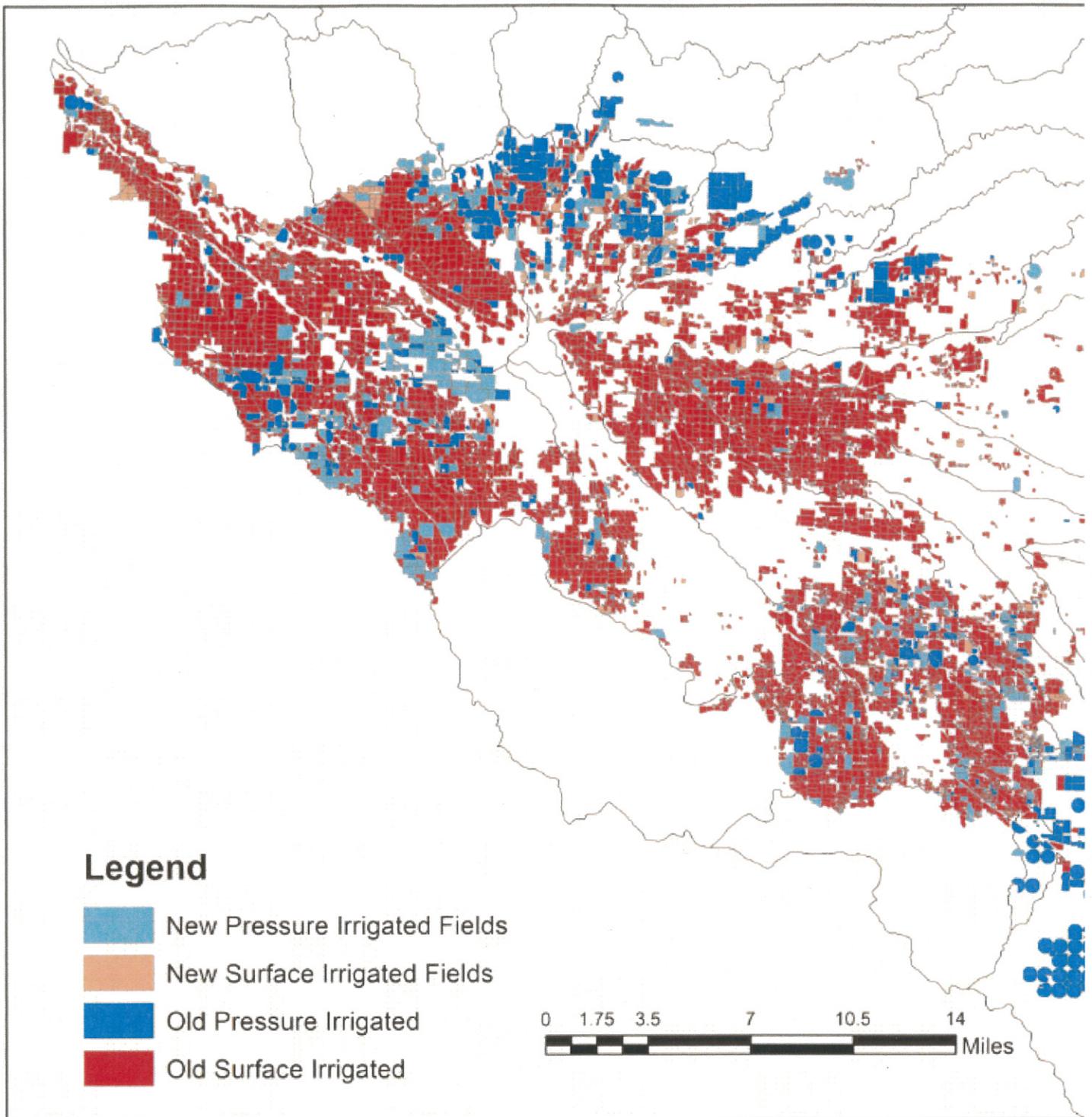
1. The Koberg et al. analysis estimated ~176,000 acres of irrigated land in the LBR watershed. The updated analysis estimated only ~151,000 acres of irrigated ag. That is a loss of 25,000 acres (39 square miles).
2. The updated analysis estimated that ~ 16,000 pressure irrigated acres were added since Koberg et al. conducted their analysis.

Let me know if you have any questions.

Total Surface Irrigated Acres	Total Pressure Irrigated Acres	Total Irrigated Ag Acres
109,455	41,741	151,196

HUC12	New Acres Surface Irrigated Fields	Old Acres of Surface Irrigated	New Acres Pressure Irrigated Fields	Old Acres of Pressure Irrigated Fields	Total Irrigated Acres by Watershed
Big Gulch Creek	0	201	0	119	320
Blacks Creek	0	0	0	192	192
Coulee Drain-Lake Lowell	6	3,923	653	630	5,212
Currant Creek-Dry Creek	289	0	345	0	634
Dixie Slough	240	10,426	2,094	642	13,401

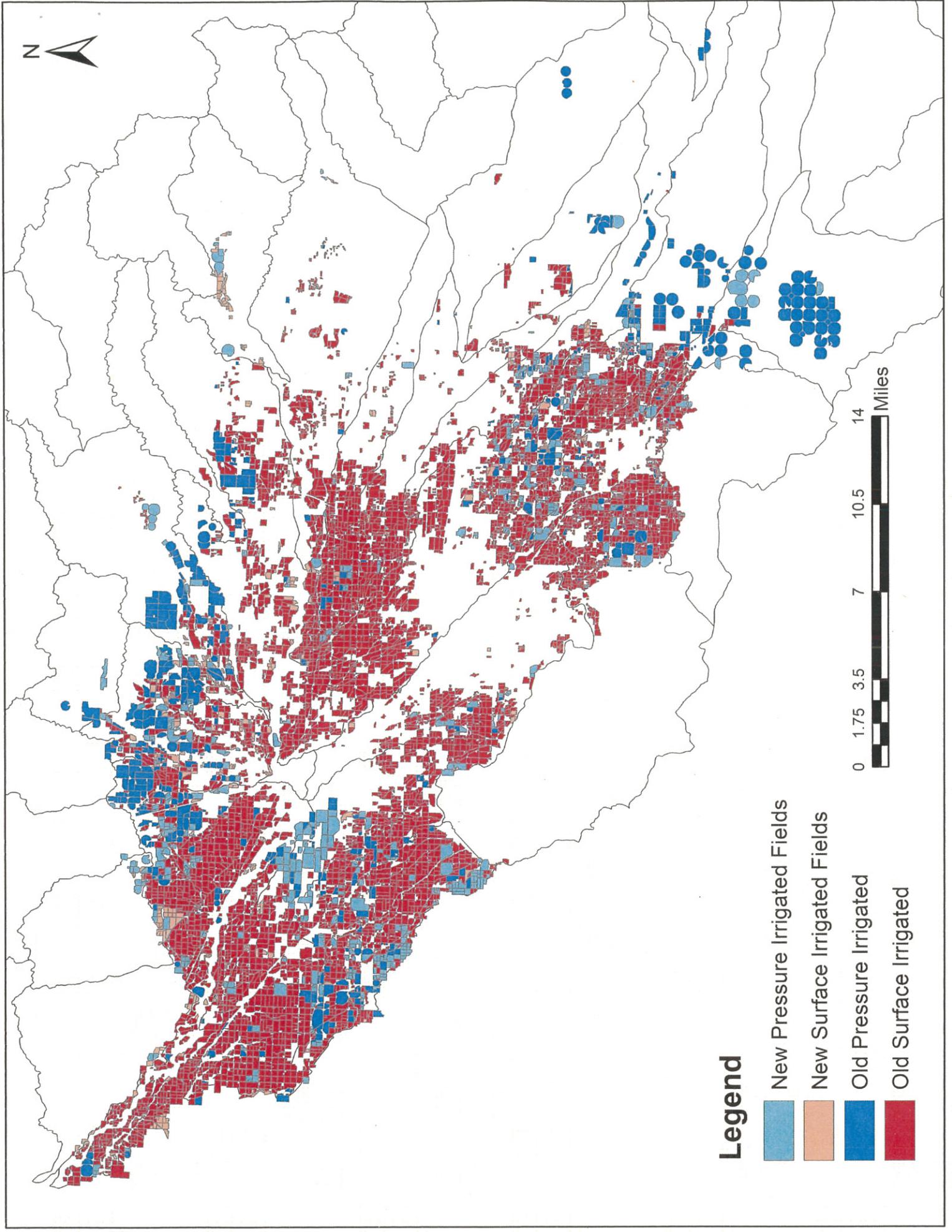
Eightmile Creek	0	726	120	385	1,230
Fifteen Mile Creek	152	6,373	255	284	7,064
Fivemile Creek	0	78	0	235	313
Hartley Gulch	831	3,855	1,057	3,732	9,474
Headwaters Sand Hollow Creek	0	0	0	156	156
Jackass Gulch-Willow Creek	338	1,218	518	2,686	4,760
Kuna Butte	1	1,052	145	3	1,200
Low Line Canal	135	11,110	3,048	2,651	16,943
Lower Indian Creek	168	10,443	1,121	304	12,036
Lower Sand Hollow Creek	220	444	108	27	797
Mason Creek	426	17,392	1,852	1,113	20,783
Middle Sand Hollow Creek	485	225	444	60	1,213
Mill Slough-Boise River	580	6,226	192	1,468	8,466
North Indian Creek	0	715	385	1,997	3,097
North Slough-Boise River	10	2,558	52	85	2,704
Outlet Boise River	417	19,784	1,818	3,538	25,557
Sand Creek	0	17	199	3,240	3,456
South Slough-Boise River	102	3,003	179	31	3,314
Spring Valley Creek	110	0	0	0	110
Tenmile Creek	139	4,086	398	626	5,250
Upper Indian Creek	14	931	738	1,622	3,306
West Hartley Gulch	0	7	126	71	204



Thanks,



Graham Freeman, Watershed Coordinator
 Boise Regional Office - IDEQ
 1445 North Orchard, Boise, ID 83706
 Direct: (208) 373-0461
 Email: Graham.Freeman@deq.idaho.gov



Legend

-  New Pressure Irrigated Fields
-  New Surface Irrigated Fields
-  Old Pressure Irrigated
-  Old Surface Irrigated



HUC12	New Acres Surface Irrigated Fields	Old Acres of Surface Irrigated	New Acres Pressure Irrigated Fields	Old Acres of Pressure Irrigated Fields
Big Gulch Creek	0	201	0	119
Blacks Creek	0	0	0	192
Coulee Drain-Lake Lowell	6	3,923	653	630
Currant Creek-Dry Creek	289	0	345	0
Dixie Slough	240	10,426	2,094	642
Eightmile Creek	0	726	120	385
Fifteen Mile Creek	152	6,373	255	284
Fivemile Creek	0	78	0	235
Hartley Gulch	831	3,855	1,057	3,732
Headwaters Sand Hollow Creek	0	0	0	156
Jackass Gulch-Willow Creek	338	1,218	518	2,686
Kuna Butte	1	1,052	145	3
Low Line Canal	135	11,110	3,048	2,651
Lower Indian Creek	168	10,443	1,121	304
Lower Sand Hollow Creek	220	444	108	27
Mason Creek	426	17,392	1,852	1,113
Middle Sand Hollow Creek	485	225	444	60
Mill Slough-Boise River	580	6,226	192	1,468
North Indian Creek	0	715	385	1,997
North Slough-Boise River	10	2,558	52	85
Outlet Boise River	417	19,784	1,818	3,538
Sand Creek	0	17	199	3,240
South Slough-Boise River	102	3,003	179	31
Spring Valley Creek	110	0	0	0
Tenmile Creek	139	4,086	398	626
Upper Indian Creek	14	931	738	1,622
West Hartley Gulch	0	7	126	71
Total	4,662	104,792	15,845	25,896

Total Irrigated Acres by Watershed
320
192
5,212
634
13,401
1,230
7,064
313
9,474
156
4,760
1,200
16,943
12,036
797
20,783
1,213
8,466
3,097
2,704
25,557
3,456
3,314
110
5,250
3,306
204

Total Surface Irrigated Acres	Total Pressure Irrigated Acres	Total Irrigated Ag Acres
109,455	41,741	151,196

151,196

HUC12	Totals	Acres Lost / Gained Since Koberg Analysis
Big Gulch Creek	320	-158
Blacks Creek	192	192
Coulee Drain-Lake Lowell	5212	-470
Currant Creek-Dry Creek	634	-358
Dixie Slough	13401	-2073
Eightmile Creek	1230	-1821
Fifteen Mile Creek	7064	-5202
Fivemile Creek	313	205
Hartley Gulch	9474	-1265
Headwaters Sand Hollow Creek	156	-200
Jackass Gulch-Willow Creek	4760	-75
Kuna Butte	1200	-83
Low Line Canal	16943	-859
Lower Indian Creek	12036	-2853
Lower Sand Hollow Creek	797	116
Mason Creek	20783	-2994
Middle Sand Hollow Creek	1213	-346
Mill Slough-Boise River	8466	-6002
North Indian Creek	3097	1682
North Slough-Boise River	2704	-1096
Outlet Boise River	25557	-1879
Sand Creek	3456	3456
South Slough-Boise River	3314	-3650
Spring Valley Creek	110	-99
Tenmile Creek	5250	-1497
Upper Indian Creek	3306	2407
West Hartley Gulch	204	-566

HUC12
Big Gulch Creek
Blacks Creek
Coulee Drain-Lake Lowell
Currant Creek-Dry Creek
Dixie Slough
Eightmile Creek
Fifteen Mile Creek
Fivemile Creek
Hartley Gulch
Headwaters Sand Hollow Creek
Jackass Gulch-Willow Creek
Kuna Butte
Low Line Canal
Lower Indian Creek
Lower Sand Hollow Creek
Mason Creek
Middle Sand Hollow Creek
Mill Slough-Boise River
North Indian Creek
North Slough-Boise River
Outlet Boise River
Sand Creek
South Slough-Boise River
Spring Valley Creek
Tenmile Creek
Upper Indian Creek
West Hartley Gulch

Acres of Pasture	Acres of Crop	Acres of Unknown
184	136	0
0	0	192
489	4,587	136
22	606	6
3,404	9,452	545
24	670	536
584	6,067	413
1	0	312
712	8,471	291
156	0	0
147	3,986	627
147	967	87
304	8,616	8,023
641	10,359	1,036
396	93	308
1,455	17,391	1,938
0	1,186	27
1,889	6,005	572
83	929	2,084
1,480	643	581
4,130	15,283	6,144
0	0	3,456
609	2,593	112
0	110	0
389	4,119	742
173	725	2,408
0	204	0