

# State of Idaho DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098 Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER Governor GARY SPACKMAN Director

August 30, 2013

## **Re: Final Order Requiring Measuring Devices for Diversions in Water District No. 2, Snake River from Milner Dam to Murphy Gage Station Below Swan Falls Dam.**

Dear Water User,

The Idaho Department of Water Resources (Department or IDWR) mailed you a *Final Order Requiring Measuring Devices for Diversions in Water District No. 2, Snake River from Milner Dam to the Murphy Gage Below Swan Falls Dam* (Final Order) on August 28, 2013. Regrettably, the Department failed to include a cover letter and one additional attachment with the copy that was mailed to you. We apologize for any confusion or inconvenience caused by our oversight and this second mailing.

Please note that the Final Order contained several important deadlines as follows:

- 1) Holders of water rights listed in Attachment A of the Final Order shall install measuring devices prior to diversion of water for the 2014 irrigation season;
- 2) Holders of water rights listed in Attachment B of the Final Order shall install measuring devices prior to diversion of water for the 2015 irrigation season and shall submit measurement plans to the Water District 2 watermaster by March 1, 2014; and
- 3) All other holders of water rights who received copies of the Final Order but **not** listed in either Attachment A or Attachment B of the Final Order shall install measuring devices prior to diversion of water for the 2016 irrigation season and shall submit measurement plans to the water district watermaster by March 1, 2015.

The water right holders described in items 2 and 3 above will receive separate correspondence and information at a later date regarding the submittal of measurement plans. Measurement plans have already been developed for right holders described in item 1 above.

Please refer to the enclosed document *Minimum Acceptable Standards for Open Channel and Closed Conduit Measuring Devices* for information on types of measuring devices acceptable to IDWR. This document and other information on the topic are available on IDWR's website at the following address:

http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/water\_measurement.htm

Final Order Requiring Measuring Devices Water District No. 2 August 30, 2013, Page 2 of 2

If you have questions concerning the Final Order or the Department's water measurement standards, please contact Corbin Knowles, Water District 2 Watermaster, at 208-287-4842, or the IDWR Water Distribution Section at 208-287-4958.

Respectfully,

Turnety J. Ruhe

Tim Luke Chief, Water Compliance Bureau

- Encl: Minimum Acceptable Standards for Open Channel and Closed Conduit Measuring Devices List of Approved Closed Conduit Flow Meters
- Cc: Corbin Knowles, Watermaster, Water District 2 IDWR Western and Southern Regions

## STATE OF IDAHO DEPARTMENT OF WATER RESOURCES (IDWR)

## MINIMUM ACCEPTABLE STANDARDS FOR OPEN CHANNEL AND CLOSED CONDUIT MEASURING DEVICES

The source and means of diversion of water, whether surface or ground water, generally affects the selection of a measuring device. Surface water sources such as streams, springs and waste channels are normally diverted into open channels (ditches or canals), but closed conduits (pipes or culverts) are also used. Ground water is usually diverted into pipes (which may also discharge into open channels).

Measuring devices when required by IDWR are to be installed at or near the point of diversion from the public water source.

## I. MEASUREMENTS IN OPEN CHANNELS

The following discussion is applicable only to diversions from surface water sources. Measurement of a ground water diversion with an open channel measuring device must be pre-approved by the IDWR.

#### A. Standard Open Channel Measuring Devices

All open channel surface water diversions should be measured using one of the following standard open channel flow measuring devices commonly used in Idaho:

- Weirs: contracted or suppressed rectangular weirs, Cipolletti weir, 90 degree V-notch weir
- Flumes: Parshall flume, trapezoidal flume, ramped flume (ramped, broad-crested weir)
- **Submerged Orfices:** submerged rectangular orifice, constant head orifice
- Acoustic: acoustic Doppler flow meter (ADFM), acoustic Doppler current profiler

The installed flow rate accuracy of open channel measurement devices must be +/- 10.0% as compared to an acceptable open channel current meter or other standard portable measuring devices such as an acoustic Doppler flow meter or acoustic Doppler current profiler.

Construction, installation and operation of these devices should follow published guidelines, such as those published by the United States Bureau of Reclamation<sup>1</sup>

#### B. Non-standard open channel devices: Rated Structures or Rated Sections

Any weir, flume, or other measuring device that has not been constructed, installed, or maintained correctly and therefore does not measure flow in the standard manner consistent with standard rating tables or curves is considered to be a non-standard device. IDWR may authorize the use of non-standard devices and rated sections provided the device or section is rated or calibrated against a set of flow measurements using an acceptable open channel current meter or standard portable open channel measuring devices. Examples of standard portable open channel measuring devices include the acoustic Doppler flow meter, the acoustic Doppler current profiler, or a portable flume. These devices are acceptable provided they are installed and operated according to all relevant manufacturer recommendations.

Further information and requirements are available from IDWR upon request.

<sup>1</sup> The Bureau of Reclamation measurement guidelines can be found at; <u>http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/PDFs/BoR\_WMM\_%202001revision.pdf</u>

## **II. CLOSED CONDUIT MEASURING DEVICES**

The following discussion is applicable to measurement of diversions from any water source that diverts via a full-flowing, closed conduit.

## A. Standard Closed Conduit Measuring Devices

A certified meter is required on new installations of measuring devices for closed conduit or pipe line diversions. A certified meter is a model of flow meter that has participated in independent third party testing and has been approved by IDWR for use. IDWR has published a list of meters that have participated in independent third party testing<sup>2</sup> and have been certified for use where the installation configuration and application meet manufacturer's requirements. Tests were conducted for both accuracy and repeatability on all submitted models, and a pass/fail rating awarded. A list of these meters may be found at:

http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/PDFs/Approved\_flow\_meter\_list.pdf.

Owners or operators who install a certified meter without the minimum manufacturer spacing requirements, or otherwise inconsistent with manufacturer's specifications, may need to provide an adequate testing section of straight pipe located somewhere on the diversion system either upstream or downstream of the installed flow meter. This testing section can be excavated pipeline as long as the section of pipe carries all water being measured through the installed flow meter. Water users choosing to expose pipe will be required to excavate the pipe at their expense at the request of the district hydrographer, watermaster and/or IDWR staff.

#### B. Non-standard Closed Conduit Measuring Devices: Requests for Variance

In some cases, site conditions preclude use of a certified meter, and another meter or method of measurement will produce similarly accurate results. In cases where the user can show that a proposed alternative meter or method would be as accurate as, or otherwise is better suited to an application than any of the meters on the approved list, a user can propose using an alternative meter or method by submitting a Request for Variance Form, available from IDWR. If a request is submitted and granted, the water user bears the risk that the alternative meter or method will perform as expected.

The following alternate measurement methods may be considered:

- Development of a Power Consumption Coefficient (PCC), which is a ratio of power usage to water withdrawal. Acceptance of the PCC method may be provided *for qualifying irrigation diversions only*;
- Use of an hour meter (time clock) for qualifying diversions only;
- Use of an acceptable flow meter that was installed prior to the date of the measurement order;
- *For irrigation diversions only,* use of an acceptable non-certified flow meter where it can be shown that installation of a certified flow meter would be burdensome or ineffective.

If a meter is already installed, that meter may be used if the meter is field-tested by IDWR staff, the water district watermaster, or a district hydrographer using a portable standard flow meter and upon a determination that the meter is installed properly and accurate to within  $\pm 10\%$  of actual rate of flow and volume. If a non-certified meter is approved and installed but does not pass a field check, IDWR may require the water user to replace the meter with a certified meter at the water user's expense.

If an alternative method is approved and that method is later found to be insufficient, the variance will be withdrawn and a certified meter will be required to be installed. The suitability of any pumping station for an hour meter or the PCC method of measurement will be based on criteria found in this document and in the document entitled *IDWR ESPA Water Measurement and Reporting Guidelines*<sup>3</sup>.

<sup>&</sup>lt;sup>2</sup> Testing was conducted at the Utah Water Research Laboratory (UWRL), a National Institute of Standards and Technology (NIST) traceable lab in Logan, Utah.

<sup>&</sup>lt;sup>3</sup> This document can be found at:

http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/PDFs/IDWRESPA\_WaterMeasurement\_ReportingGuidlines.pdf

## Idaho Department of Water Resources List of Approved Closed Conduit Flow meters

The table below lists flow meters **that have been tested and approved by IDWR for use in closed conduit measurement applications where the installation configuration and application meet manufacturer's requirements for the selected model.** These approved flow meters were subject to testing requirements outlined by IDWR and conducted by staff from Utah State's NIST<sup>1</sup> traceable lab in Logan Utah and performed at or above IDWR minimum acceptable standards for accuracy when installed in piping distances that met or exceeded minimum straight run piping requirements specified by IDWR. The approved list is current as of this printing, but may change as additional models and manufacturers undergo testing and approval. The current version of these standards, including this list, is posted on the IDWR Internet site at the following URL:

## http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/PDFs/Approved flow meter list.pdf

Note that not all models are appropriate for every application. Pipe size, available straight pipe lengths, water chemistry, pressure, velocity, environmental exposure, and power requirements are among the factors affecting whether a given meter will perform for a given application. Prior to selecting a meter, consult the manufacturer's installation requirements to assure they can be met.

Manufacturer	Model/Specifications	Туре	IDWR-accepted Pipe Applications (Nominal Pipe Size)
Siemens	CLAMP-ON ULTRASONIC -SITRANS FUS 1010 w/ HIGH PRECISION TRANSDUCERS	Clamp-On Ultrasonic	>12"
Siemens	SITRANS F M MAGFLO MAG 5100W w/ 5000 converter	Full profile Electro-Magnetic	1" to 78"
Siemens	SITRANS FM, MAGFLO 8000, model 7ME6880	Full profile Electro-Magnetic	1" to 48"
Fuji	Time Delta C w/ 1MHz transducers	Clamp-On Ultrasonic	>12"
Seametrics	AG 2000	Full profile Electro-Magnetic	4" to 10"
GE Panametrics	AT868 w/ 1MHz transducers	Clamp-On Ultrasonic or Wetted Transducer	>12"
McCrometer	Ultra Mag w/ M-Series Converter	Full profile Electro-Magnetic	2" to 48"

<sup>&</sup>lt;sup>1</sup> NIST - National Institute of Standards and Technology.

#### Version 2.3

Manufacturer	Model/Specifications	Туре	IDWR-accepted Pipe Applications (Nominal Pipe Size)
Badger	M2000 Amplifier w/ M2000 Detector	Full profile Electro-Magnetic	1/4" to 54"
Khrone	Enviromag 2000 w/ Optiflux 2000 F/G	Full profile Electro-Magnetic	3/8" to 80"
Rosemount	8705 w/ 8732E transmitter	Full profile Electro-Magnetic	1/2" to 36"
Burkert	8054/8055 w/ Magflow transmitter	Full profile Electro-Magnetic	1" to 80"
Sparling	Tiger Mag W/FM6561051110 Converter	Full profile Electro-Magnetic	3/8" to 48"
Sensus	IPerl	Full profile Electro-Magnetic	5/8"-1"
Master Meter	Octave	Full Profile Ultrasonic	2"-10"

#### **CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that on this 30<sup>th</sup> day of August, 2013, the above and foregoing document was served on each individual or entity on the service list for this matter on file at the Idaho Department of Water Resources, 322 East Front Street, Boise, Idaho, and posted on the Department's website: <u>www.idwr.idaho.gov</u>. Each individual or entity on the service list was served by placing a copy of the above and foregoing document in the United States mail, postage prepaid and properly addressed.

Sarah Garceau Office Records Specialist Idaho Department of Water Resources

ACE BLACK RANCH C/O ACE BLACK 28799 HOT SPRINGS RD BRUNEAU ID 83604-5008

JOHN ANCHUSTEGUI 3054 E RIVERNEST DR BOISE ID 83706-6914

CARLEEN M AND LAYNE H ASTLE 24377 A & A RD GRAND VIEW ID 83624

ATN HOLDINGS LLC PO BOX 1201 BOISE ID 83701

BRYAN C AND KRISTY L WHITMARSH AND KATHY L AND LYNN J BABINGTON 2825 S 1050 E HAGERMAN ID 83332

SPENCER W BEUS BYBEE LN PO BOX 279 GRAND VIEW ID 83624

BLACK MESA FARMS LLC PO BOX 82 GLENNS FERRY ID 83623

EMMA L AND LEONARD W BLEDSOE STAR RT BOX 54B HAMMETT ID 83627

JEREMY D AND KARLITA BOECKNER 12655 A & A RD GRAND VIEW ID 83624

BROCKWAY ENGINEERING PLLC C/O CHARLES G BROCKWAY 2016 N WASHINGTON ST STE 4 TWIN FALLS ID 83301 DARREL L AGENBROAD 27161 DAIRY RD GRAND VIEW ID 83624-5044

JOSEPH PATRICK AND SARAH ELLEN ARCHIE 3417 WILLIAMSBOROUGH CT RALEIGH NC 27609

A CLAY AND JACOBA S ATKINS PO BOX 276 BRUNEAU ID 83604

DANIEL J AYARRA 200 CLEAR CREEK MERIDIAN ID 83642

CRAIG BAKER R T NAHAS COMPANY RANCH MGR NAHAS RANCH MURPHY ID 83650

NANI C BEUS PO BOX 279 BYBEE LN GRAND VIEW ID 83624

BLANKSMA LAND & STORAGE LLC PO BOX 106 HAMMETT ID 83627

ROLAND G BOATRIGHT 28603 RIVER RD BRUNEAU ID 83604-5104

DENNIS YOUNG AND SHELLEY BOEPPLE 1866 S THACKER RD HAMMETT ID 83627

MERRILL J AND SANDRA J BROWN 10789 HWY 78 HAMMETT ID 83627 GARDNER I AND MELANIE E BROWN PO BOX 145 GLENNS FERRY ID 83623

BRENDA AND DON J BRYANT PO BOX 215 GLENNS FERRY ID 83623

CHERYL AND RICH CALDWELL 1461 CALISTOGA AVE MERIDIAN ID 83642

SANDY AND TED CANTRELL 28294 RIVER RD BRUNEAU ID 83604

DONALD R AND DONNA L CARNAHAN PO BOX 93 GLENNS FERRY ID 83623

CASA DEL NORTE LP 11204 N BAR 21 DR GLENNS FERRY ID 83623

BARBARA J AND RALPH C CISCO 1052 GIDLEY DR HAGERMAN ID 83332

CITY OF GLENNS FERRY PO BOX 910 GLENNS FERRY ID 83623-0910

JOHN W CLARK PO BOX 711 MOUNTAIN HOME ID 83647

COLD SPRINGS PROJECT PO BOX 2773 BOISE ID 83701 BRUNEAU-GRAND VIEW JOINT SCHOOL DISTRICT #365 PO BOX 310 GRAND VIEW ID 83624

BWANA MINING CO INC C/O ALAN C DUFFY PRESIDENT PO BOX 566 PAUL ID 83347

CAROLYN F AND MITCHELL D CAMPBELL 1950 NORTH 4TH EAST MOUNTAIN HOME ID 83647

ALONZO B LEAVELL, CANYON BEND RANCH LTD AND NEATHERLIN FAMILY LIMITED PARTNERSHIP II PO BOX 54 GOODING ID 83330

JACKIE L AND TERRY C CAROTHERS PO BOX 331 GRAND VIEW ID 83624

CAVEN PROPERTIES LLC 6874 FAIRVIEW AVE BOISE ID 83704

CITY OF BOISE PUBLIC WORKS DEPT 150 N CAPITOL BLVD PO BOX 500 BOISE ID 83701-0500

SONDRA L CLAIBORN 2377 TWIN OAKS TWIN FALLS ID 83301

CLOVER HOLLOW CO LLC PO BOX 606 MOUNTAIN HOME ID 83647

MICHELLE A COLLERAN-BULLCOCK 2671 BANNOCK HWY POCATELLO ID 83204 COLYER HEREFORDS INC 31058 COLYER RD BRUNEAU ID 83604-5117

COTTONWOOD MUTUAL CANAL CO C/O RINGERT LAW CHARTERED PO BOX 2773 BOISE ID 83701

JULIANNE CROSBY 1565 S ORIOLE WAY BOISE ID 83709

DANIEL E & RUTH B WICHER FAMILY TRUST PO BOX 278 GLENNS FERRY ID 83623

W KELLY DARLINGTON 256 HARTLEY DR HELENA MT 59601

PAMELA AND ROBERT N HOWARD DAVIS CATTLE CO INC 17 WARM LAKE HWY CASCADE ID 83611

MECHELLE AND ROBERT G DIRKS 24762 A & A RD GRAND VIEW ID 83624

DORIAN DUFFIN 7840 APACHE LN BOISE ID 83714

BARBARA J AND WARREN F DUKE 1045 GRIDLEY DR RT 1 HAGERMAN ID 83332

EAGLE CREEK NORTHWEST LLC C/O UBS AGRIVEST LLC PO BOX 53 NAMPA ID 83653 CORP OF THE PRESIDING BISHOP CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS REAL ESTATE SERVICES DIV 50 E NORTH TEMPLE ST SALT LAKE CITY UT 84150-6320

CHARLES A AND MARY F CREGO PO BOX 324 BELLEVUE ID 83333

ALMA J AND RALPH R CROWLEY 3361 S 1300 E WENDELL ID 83355

DANSKIN CATTLE LLC C/O ROBERT C BAKER PO BOX 488 MOUNTAIN HOME ID 83647

DAVID M AYARRA JR TRUST DATED APRIL 17 2009 PO BOX 247 BEND OR 97709

DERUYTER PROPERTIES LP 13027 SUNNYSLOPE RD CALDWELL ID 83607

CELIA C AND CHARLES RAYMOND DRAPER 24964 DRAPER LN GRAND VIEW ID 83624-5034

LAVERNE AND MAC C DUGGAN 53 BELL RAPIDS RD HAGERMAN ID 83332-6039

DENNIS R, MARY JO AND WILLIAM D DURFEE 6641 S 27TH AVE PHOENIX AZ 85041

ESTATE OF MARGARET A LE MOYNE AND JOHN R LE MOYNE 901A GRIDLEY ISLAND HAGERMAN ID 83332 HOWARD J FIELD 23608 FIELD LN GRAND VIEW ID 83624-5054

FLOPET INC 3RD FLOOR 100 BROADWAY SAN FRANCISCO CA 94111

FLYING H FARMS PARTNERSHIP 518 OLD HWY 30 MOUNTAIN HOME ID 83647

ELLA AND VERLIN GINGERICH 19285 HWY 51 MOUNTAIN HOME ID 83647

VERLIN GINGERICH HC 85 BOX 28 MOUNTAIN HOME ID 83647

HAROLD A AND LUCY B GLERUM 27031 JOE BLACK RD HAMMETT ID 83627-5023

MARKUS GREEN 4700 HWY 30 MOUNTAIN HOME ID 83647

HAGERMAN WINGS FARM LLC 823 E 2700 S HAGERMAN ID 83332

HELEN G HALL 500 S MARTIN AVE GLENNS FERRY ID 83623

HAMMETT PUBLIC PARK C/O ORVILL W CLARK HC 63 BOX 16 HAMMETT ID 83627 J TERRY, JOHN TERRY AND LESLIE A FIELD 38167 STATE HIGHWAY 78 GRAND VIEW ID 83624-5039

FLOPET INC PO BOX 229 SUN VALLEY ID 83353

DONALD A FREEBERG 801 N BRAND BLVD #1010 GLENDALE CA 91203

COLLEEN MARTIN AND RUDY GINGERICH GINGERICH BROTHERS FARMS 47589 STATE HWY 78 MOUNTAIN HOME ID 83647

ELEANOR L GLENN C/O ROBERT J GLENN PO BOX 838 GLENNS FERRY ID 83623

GRAND VIEW IRRIGATION DISTRICT, GRAND VIEW MUTUAL CANAL CO, SNAKE RIVER IRRIGATION DIST AND UPPER GRAND VIEW CANAL CO PO BOX 9 GRAND VIEW ID 83624

GRINDSTONE BUTTE MUTUAL CANAL CO PO BOX 2673 BOISE ID 83701

ROBERT K HALL 2975 W LATTY DR GLENNS FERRY ID 83623-5010

HAMMETT LIVESTOCK CO, WILBUR F WILSON RANCH AND WILSON & WILSON CO INC PO BOX 33 HAMMETT ID 83627

H RICHARD AND LINDA L HARBERT 90 NW MERLOT DR MOUNTAIN HOME ID 83647 JACKIE AND JEFF C HARPER 1130 S HWY 30 MOUNTAIN HOME ID 83647

DALE AND DIANA HOOLEY 26796 INDIAN COVE LN HAMMETT ID 83627-5016

CHARLES H HOWARTH 4120 N LINDER RD MERIDIAN ID 83642

IDAHO POWER CO C/O JON BOWLING PO BOX 70 BOISE ID 83707

INDIAN COVE IRRIGATION DISTRICT 27186 JOE BLACK RD HAMMETT ID 83627

J R SIMPLOT CO 1301 HWY 67 GRAND VIEW ID 83624-5062

MICHAEL L AND RHONDA J JAMES 21610 ROBINSON RD OREANA ID 83650

IRIS F JANKOW 1008 GRIDLEY DR HAGERMAN ID 83332-5622

ALICE AND LLOYD JENSEN 1016 GRIDLEY DR HAGERMAN ID 83332-5622

KENNETH H AND QUEY L JOHNS 48803 STATE HWY 78 MOUNTAIN HOME ID 83647 CHRISTIAN HATCHETT AND CHRISTOPHER LAIB 52612 STATE HWY 78 HAMMETT ID 83627

FRANCIS L AND TAMZY L HOUSE 9143 W SNAKE RIVER ST HAMMETT ID 83627

CHARLES H HOWARTH 833 N PALMER LN EAGLE ID 83616

LINDA AND MIKE IHLI 625 S SCHOOL AVE KUNA ID 83634

IRREVOCABLE TRUST OF RYAN L MC CARTHY MICHAEL J MC CARTHY TRUSTEE PO BOX 6683 KETCHUM ID 83340

J R SIMPLOT CO C/O TERRY T UHLING 999 MAIN ST STE 1300 PO BOX 27 BOISE ID 83707

JAMES GLENN FAMILY LIMITED PARTNERSHIP PO BOX 838 GLENNS FERRY ID 83623

LOUIS D JEFFREY PO BOX 1040 GLENNS FERRY ID 83623

BARBARA M AND QUEY L JOHNS 1310 N 10TH E MOUNTAIN HOME ID 83647

ANDREW AND LORNA JOHNSON PO BOX 35 HAMMETT ID 83627 RANDY J KETTERLING 609 17TH ST RUPERT ID 83350

HARRY W KNOX II 3420 N KNOX DR KING HILL ID 83633

BRUCE AND REBECCA LAMPMAN PO BOX 567 BRUNEAU ID 83604

TIM LANDIS HC 85 BOX 29 MOUNTAIN HOME ID 83647

MAURICE D AND SONYA E LEE 358 W 4TH ST S REXBURG ID 83440

LITTLE VALLEY MUTUAL IRRIGATION CO C/O BART FOWERS PO BOX 160 GRAND VIEW ID 83624

HYON S MALONEY AND JAMES E MALONEY III 10360 SARANAC DR BOISE ID 83709

JAMES R AND CARMELA M MARTELL 643 N ELK RANCH DR GLENNS FERRY ID 83623-5040

DENNIS T AND PAULA D MC CURRY 2845 HAMILTON RD MOUNTAIN HOME ID 83647

KATHI L AND ROBERT J MEYERS 3921 N 3300 E TWIN FALLS ID 83301 CONSTANTINE KITSOS 9000 NE 2ND AVE MIAMI FL 33138

CHERYL AND JESSE KOOPMAN 1401 E 3100 S WENDELL ID 83355

MELODY F LANDIS 20028 HWY 51 MOUNTAIN HOME ID 83647

LCSC ENTERPRISES LLC 433 E LAS COLINAS BLVD STE 1290 IRVING TX 75039

DONALD J LEONARD AND KATHY MALLANE PO BOX 1092 KETCHUM ID 83340

TOM AND VONNIE MALLANE 1004 GRIDLEY DR HAGERMAN ID 83332

MAN FARMS LLC PO BOX 99 GLENNS FERRY ID 83623

SHANNON R MC BRIDE 62 BELL RAPIDS RD HAGERMAN ID 83332

GREG AND NANCY MELLUM 1683 S NANEA LN HAMMETT ID 83672

MIDNIGHT SUN INC VIII PO BOX 53 NAMPA ID 83653 K TERRY MILLER REVOCABLE TRUST 876 S FARRIS LN GLENNS FERRY ID 83623

CAROL A MOONEY 1854 S MOONEY LN HAMMETT ID 83627

SAL J MUCARIO PO BOX 669 HAGERMAN ID 83332

CATHY AND WES NASH 108 KUMU NIU PL LAHAINA HI 96761

NOLA J NEWTON PO BOX 131 HAMMETT ID 83627-0131

JOSEPH L PARKINSON 123 W HIGHLAND VIEW DR BOISE ID 83702

PAUL AND SARA PETIT PO BOX 2094 KETCHUM ID 83333

JACK, JACKIE P AND KARLA KAY POST PO BOX 298 MOUNTAIN HOME ID 83647

DONNA L AND MICHAEL V PULLEN 25410 SHEEP CAMP RD BRUNEAU ID 83604-5110

LYNNE K AND WILLIAM F RINGERT PO BOX 105 HAMMETT ID 83627 LINDA K AND SCOTT MININGER 24253 TWENTY MILE RD GRANDVIEW ID 83624

LEONARD H AND LINDA D MORRIS 44 BELL RAPIDS RD HAGERMAN ID 83332

MURPHY FLATS WATER COMPANY INC AND MURPHY LAND COMPANY LLC PO BOX 3110 PASCO WA 99302-3110

GARY A NEWTON 8751 W OSPREY HAMMETT ID 83627-0131

KEITH AND JOAN M NIEFFENEGGER 1032 GRIDLEY DR HAGERMAN ID 83333

JOYCE WUNDERLICH PEARSON 117 HOMESTEAD DR HAILEY ID 83333

LESLIE J POST C/O JACKIE P POST PR PO BOX 298 MOUNTAIN HOME ID 83647

EDWARD T POTUCEK 1890 E POTUCEK LN KING HILL ID 83633

THOMAS M RICKS 1560 N PARK LN EAGLE ID 83616

RIVENDALE LLC 52356 HWY 78 HAMMETT ID 83627-5003 RIVER VALLEY FARMS INC PO BOX 1368 BOISE ID 83701

ROCKIN S RANCH INC C/O JOHN R SOLOSABAL PO BOX 938 GLENNS FERRY ID 83623

HELEN JOYCE AND RUSSELL IVAN SANDSTROM 405 W MADISON AVE PO BOX 433 GLENNS FERRY ID 83623

DONALD L AND KRISTI SCHIERMEIR AND DONALD L AND KRISTINE S SCHIERMEIER 29393 DAVIS RD BRUNEAU ID 83604

GREG AND BONNIE SECRIST 52 BELL RAPIDS RD HAGERMAN ID 83332

KATHLEEN ANN AND MIR-MOHAMMAD SEYEDBAGHERI 506 HILLVIEW DR BOISE ID 83712

ELAINE C SMITH 619 ABARR DR SPRING CREEK DR NV 89815

DEBORAH AND RONALD SMITH PO BOX 53 HAMMETT ID 83627

SOUTH ELMORE IRRIGATION CO PO BOX 396 MOUNTAIN HOME ID 83647

STATE OF IDAHO DEPARTMENT OF LANDS 300 N 6TH ST, STE 103 PO BOX 83720 BOISE ID 83720-0050 BRUCE P ROBINSON 804 RIVER VIEW DR TWIN FALLS ID 83301

SALMON FALLS LAND & LIVESTOCK CO INC 95A BELL RAPIDS RD HAGERMAN ID 83332

GISELA SCHAAL 29776 HIGHWAY 78 MURPHY ID 83650

RICHARD M AND SHARON L SCUDDER 6532 HIGHWAY 55 HORSESHOE BEND ID 83629

KENNETH A AND STELLA SEESEE PO BOX 45 HAMMETT ID 83627

LELAND M SHETLER CO-TRUSTEE 6936 SW SHETLER DR MOUNTAIN HOME ID 83647

CONNIE AND ROBERT SMITH 94 WALKLEY RD BURBANK WA 99323

FANNY SNIDER 6375 SW RIO VISTA DR MOUNTAIN HOME ID 83647

DOUGLAS E AND TAMARA S STANDLEY 3336 N LAKE HARBOR LN #J-302 BOISE ID 83703

STATE OF IDAHO DEPT OF FISH & GAME PO BOX 25 BOISE ID 83707 STATE OF IDAHO DEPT OF PARKS & RECREATION STATEHOUSE MAIL PO BOX 83720 BOISE ID 83720-0065

PHILLIP G STELMA 17409 CURRENT CREEK RD CEDAREDGE CO 81413-5200

JANE STURDIVANT PO BOX 968 HAILEY ID 83333

ANITA G AND SHERWIN SUNDBERG PO BOX 183 GRAND VIEW ID 83624

CONRAD E THOMAS AND JEREMY A THOMAS T R INVESTMENTS PO BOX 5 HAMMETT ID 83627

PETRENA L THOMPSON 60 BELL RAPIDS RD HAGERMAN ID 83332-6038

GRACE AND S LEROY TINGSTROM 1962 N TINGSTROM DR KING HILL ID 83633

TRIANGLE DAIRY INC PO BOX 7526 BOISE ID 83707

UNITED WATER IDAHO INC 8248 W VICTORY RD BOISE ID 83709

DOROTHY GAYLE AND ROBERT E UPTMOR PO BOX 560 GLENNS FERRY ID 83623 HAZEL J STEEN PO BOX 879 GLENNS FERRY ID 83623

JAMES AND SHIRLEY STRALEY PO BOX 562 PINEDALE WY 82941

PETER L STURDIVANT PO BOX 968 HAILEY ID 83333-0968

SV RANCH LLC C/O GREGORY VIK PO BOX 1607 BELLEVUE WA 98009

THE ORDER OF TRANQUILITY 3475 HIGHLAND DR SALT LAKE CITY UT 84106

FRANK TIEGS LLC 6610 W CT ST STE B ABERDEEN ID 83210

TERRIE E AND WALTER L TRAIL 5308 E TRAIL RD KING HILL ID 83633

UNITED STATES OF AMERICA ACTING THROUGH USDI BUREAU OF LAND MANAGEMENT IDAHO STATE OFFICE 1387 S VINNELL WAY BOISE ID 83709-1657

CATHERINE W AND DAVID C UNRUH 32397 MUD FLAT RD GRAND VIEW ID 83624-5048

US DEPT OF INTERIOR BUREAU OF LAND MANAGEMENT 1387 S VINNELL WAY BOISE ID 83709-1657 US ECOLOGY IDAHO INC 300 E MALLARD STE 300 BOISE ID 83706

DALE AND JACKIE VAN ES 8222 DESERT DR MARSING ID 83639

GEORGE I AND JOAN LEE WALTON 1827 GRANADA CIR TWIN FALLS ID 83301-4228

WEST INDIAN COVE WATER CO INC 27097 INDIAN COVE LN HAMMETT ID 83627

ROBERT E WHIPKEY 604 S OWYHEE BOISE ID 83705

ALVIN E AND BARBARA J WHITE 1913 ABBS ST BOISE ID 83705

JEROME CARTER WILSON 58C BELL RAPIDS RD HAGERMAN ID 83332

JAMES D WOLFE 475 S SAILOR CREEK RD GLENNS FERRY ID 83623 SUSANNE VADER 7840 APACHE WY BOISE ID 83703

CARRI L AND RICHARD D VANDER STELT 1391 E 3700 N BUHL ID 83316

BURTON AND IONA WEBB 411 S LOCUST ST TWIN FALLS ID 83301

ROBERT E AND WANDA WHIPKEY 1039 GRIDLEY DR HAGERMAN ID 83332

CHARLES F AND PHYLLIS M WHIPPLE 1106 NW BEAMAN ST MOUNTAIN HOME ID 83647-5191

TERRY AND KENDALL WIDNER 1873 S JOE KING RD HAMMETT ID 83627

ALICE FAYE WILSON 60 BELL RAPIDS RD HAGERMAN ID 83332