



AUG 16 2006

DEPARTMENT OF WATER RESOURCES

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August 15, 2006

Mr. Gary L. Spackman Water Allocation Bureau Idaho Department of Water Resources 322 East Front Street P.O. Box 83720 Boise, ID 83720-0098

RE:

Water District 130 - North Snake Ground Water District's and Magic Valley Ground

Water District's Joint Plan for Providing Replacement Water for 2006

Dear Gary:

Enclosed please find a spreadsheet prepared by Chuck Brendecke of Hydrosphere, together with a compact disk containing supporting technical analysis and documentation of reach gain benefits attributable to implementation of the 2006 Replacement Water Plan ("2006 Plan") previously submitted by the North Snake and Magic Valley Ground Water Districts ("Districts") on May 30, 2006. The spreadsheet and supporting documentation contain revised numbers for reach gain benefits associated with the aquifer recharge component of the District's 2006 Plan. This revised analysis reflects the District's subsequent determination to implement this component using Wilson Lake, North Side Canal Company's main canal and four laterals and excluding recharge via any spill ponds as originally proposed. This revised approach was arrived at through consultation with North Side Canal Company, DEQ and IDWR personnel.

In all other respects, the Districts' 2006 Plan and documentation are unchanged.

Please contact me if you have any questions concerning the enclosed, or have any problems accessing the information contained on the disk.

Enclosures

cc:

IGWA Board (without enclosures)

Chuck Brendecke

Blue Lakes and Clear Springs Delivery Call Service Lists (with enclosures)

MCC:kdt SACLIENTS\3915\78\MCC Letter to GSpackman re Amended 2006 Plan Documentation.DOC

Summary of 130 Mitigation Benefits (revised 8/10/06) Steady-state sub-reach gain, in cfs

	Devils Washbowl - Buhl Blue Lakes	Buhl - Thousand Springs Clear Spgs
Magic Valley dry-ups	4.4	1.6
North Snake dry-ups	1.0	0.7
Sandy Pond seepage	1.6	0.8
Conversion Deliveries	9.5	6.3
Seepage to Conversions	3.3	1.3
Recharge Operations		2.2
Main Canal	9.9	3.3 1.5
Wilson Lake	4.8 3.1	3.2
W & S Laterals	2.9	0.9
C Lateral X1 Lateral	<u>0.6</u>	<u>0.4</u>
Total	41.1	20.0
2006 Req'ts from Orders	20	16
Excess(Shortfall)	21.1	4.0

