



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 1341 Fillmore Street, Suite 200 • Twin Falls, Idaho 83301-3380

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

December 2, 2011

John Beukers
3831 North 3500 East
Kimberly, ID 83341

RE: Golden Valley Water District End of the Year (2011) Report

Dear Mr. Beukers:

I took the last readings at the monitoring wells on the 9th of November and here are the results:

Monitoring Well No.	Depth (ft)	Change from the Previous Month	Change from Last Year
209	489.13	+22.67	+8.14
417	486.67	+8.59	+1.07
217	461.30	+8.20	+1.40

During the 2011 irrigation season, you have pumped the following from your wells:

Owner	Local Well ID	6/21/2011 (AF)	7/20/2011 (AF)	8/26/2011 (AF)	9/26/2011 (AF)	11/9/2011 (AF)
Beukers	216	0	134	315	435	435
Beukers	386	0	0	0	0	0
Beukers	348	0	183	424	627	760

- *Based on these numbers, you pumped 1195 AF out of your Golden Valley wells, which is 217 AF more than is allowed under the 2004 Order.*

I will be preparing the proposed budget prior to our March 6th meeting and you, along with the other water users; will receive a copy for review. Please let me know if you have any questions or if I can be of any assistance.

Sincerely,

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

CC: file



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GARY SPACKMAN
Interim Director

December 2, 2011

Mr. Joe Tugaw
3277 Woodridge Dr.
Twin Falls, ID 83301

RE: Golden Valley Water District End of the Year (2011) Report

Dear Mr. Tugaw:

I took the last readings at the monitoring wells on the 9th of November and here are the results:

Monitoring Well No.	Depth (ft)	Change from the Previous Month	Change from Last Year
209	489.13	+22.67	+8.14
417	486.67	+8.59	+1.07
217	461.30	+8.20	+1.40

During the 2011 irrigation season, you have pumped the following from your wells:

Local Well ID	6/21/2011 (AF)	7/20/2011 (AF)	8/26/2011 (AF)	9/26/2011 (AF)	11/9/2011 (AF)
205	47	184	362	484	501
207	53	180	371	480	491
208	53	150	261	356	392

Based on these numbers, you pumped 1384 AF, which is 279 AF less than allowed under the 2004 Order from your Golden Valley wells.

I will be preparing the proposed budget prior to our March 6th meeting and you, along with the other water users; will receive a copy for review. Please let me know if you have any questions or if I can be of any assistance.

Sincerely,

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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GARY SPACKMAN
Interim Director

December 2, 2011

Russ Patterson
Triple Ace Inc.
1800 Z Street
Heyburn, ID 83336

RE: Golden Valley Water District End of the Year (2011) Report

Dear Mr. Patterson:

I took the last readings at the monitoring wells on the 9th of November and here are the results:

Monitoring Well No.	Depth (ft)	Change from the Previous Month	Change from Last Year
209	489.13	+22.67	+8.14
417	486.67	+8.59	+1.07
217	461.30	+8.20	+1.40

During the 2011 irrigation season, you have pumped the following from your wells:

Owner	Local Well ID	6/21/2011 (AF)	7/20/2011 (AF)	8/26/2011 (AF)	9/26/2011 (AF)	11/9/2011 (AF)
Triple Ace	214	1	237	554	748	748
Triple Ace	215	0	161	377	523	523
Triple Ace	339	0	0	95	179	179
Beukers	216	0	134	315	435	435
Beukers	386	0	0	0	0	0
Beukers	348	0	183	424	627	760

- Based on these numbers, you pumped 1450 AF out of your wells, which is 91 AF more than is allowed under the 2004 Order.
- Based on these numbers, you pumped 1195 AF out of Beukers wells, which is 217 AF more than is allowed under the 2004 Order.

Also a reminder that your meter on the 339 well needs to be replaced as it is reading 59.9% low. Please replace it prior to the 2012 irrigation season.

I will be preparing the proposed budget prior to our March 6th meeting and you, along with the other water users; will receive a copy for review. Please let me know if you have any questions or if I can be of any assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. S. Cooper', with a long horizontal flourish extending to the right.

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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GARY SPACKMAN
Interim Director

September 29, 2011

Russ Patterson
Triple Ace Inc.
1800 Z Street
Heyburn, ID 83336

RE: Golden Valley Water District September 2011 Report

Dear Mr. Patterson:

I was able to visit the wells and take readings on the 26th of last month and wanted to let you know where things were:

Monitoring Well No.	Depth (ft)	Change from Last Month
209	511.80	-10.60
417	495.26	-5.96
217	469.50	-7.02

The change from last month is typical of trends we have seen historically at this time of year. I didn't give a comparison to last year since the reading was taken almost two weeks earlier. The next reading is scheduled a month from now and will give us an accurate idea of the changes from last year.

To date you have pumped the following from your wells:

Owner	Local Well ID	6/21/2011 (AF)	7/20/2011 (AF)	8/26/2011 (AF)	9/26/2011 (AF)
Triple Ace	214	1	237	554	748
Triple Ace	215	0	161	377	523
Triple Ace	339	0	0	95	179
Beukers	216	0	134	315	435
Beukers	386	0	0	0	0
Beukers	348	0	183	424	627

According to these numbers and the 2004 Order, there is no remaining volume allowed to be pumped under your water rights and under Beukers' rights therefore irrigation from the Golden Valley wells should cease.

Also a reminder that your meter on the 339 well needs to be replaced as it is reading 59.9% low. Please replace it prior to the 2012 irrigation season. I have included an updated list of acceptable meters.

If you have any questions or if I can be of any assistance, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Cooper', with a long horizontal flourish extending to the right.

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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Idaho Department of Water Resources
List of approved full profile Electromagnetic Flow meters *
July 2011

Manufacturer	Model	Type	Manufacturer Installation recommendations*
Siemens	Mag 5100 W	Full profile Electro-Magnetic	5 upstream and 3 downstream diameters
Seametrics	AG 2000	Full profile Electro-Magnetic	2 upstream and 1 downstream diameters
McCrometer	Ultra Mag	Full profile Electro-Magnetic	5 upstream and 2 downstream diameters
Badger	M2000	Full profile Electro-Magnetic	5 upstream and 2 downstream
Khrone	Enviromag 2000	Full profile Electro-Magnetic	5 upstream and 2 downstream diameters
Rosemount	8705	Full profile Electro-Magnetic	5 upstream and 2 downstream diameters

The above list of flow meter manufacturers 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. These approved flow meters were subject to testing (http://www.idwr.idaho.gov/WaterManagement/WaterMeasurement/DOCs/Vendor%20Notice%20for%20USULabtesting_Final.docx) requirements outlined by IDWR and conducted by staff from Utah State's NIST traceable lab in Logan Utah during the spring of 2011. Water users looking for guidance on what meters to install should use this list as a reference and or starting point when researching which meter best fits your application.

*Installation requirements may vary from manufacturer to manufacturer, please be aware that IDWR staff and or consultants in the field conducting flow meter calibration work assume no responsibility for improperly installed flow meters. Check with the manufacture of the meter for specific information related to straight piping requirements.

The approved list may change as more and more manufacturers subject their meters for testing. Manufacturers may also have other meters in the future that will be required to be tested at USU for accuracy prior to inclusion on this approved list.

IDWR was not provided testing results from individual flow meters tested by USU. Only a pass/fail statement was issued to IDWR after testing was completed.

*This list may change at future dates based on additional meters meeting IDWR testing requirements



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Interim Director

September 29, 2011

Joe Tugaw
3277 Woodridge Dr.
Twin Falls, ID 83301

RE: Golden Valley Water District August 2011 Report

Dear Mr. Tugaw:

I was able to visit the wells and take readings on the 26th of this month and wanted to let you know where things were:

Monitoring Well No.	Depth (ft)	Change from Last Month
209	511.80	-9.88
417	495.26	-5.96
217	469.50	-7.02

The change from last month is typical of the trends we have seen historically at this time of year. I didn't want to give a comparison to last year since the reading was taken almost two weeks earlier. I have scheduled a visit a month from my last reading so we will have an accurate comparison from last year.

To date you have pumped the following from your wells:

Local Well ID	6/21/2011 (AF)	7/20/2011 (AF)	8/26/2011 (AF)	9/26/2011 (AF)
205	47	184	362	484
207	53	180	371	480
208	53	150	261	356

Based on these numbers and the 2004 Order, you are authorized to pump an additional 343 AF from your Golden Valley wells. Please let me know if you have any questions or if I can be of any assistance.

Sincerely,

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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GARY SPACKMAN
Interim Director

September 7, 2011

Russ Patterson
Triple Ace Inc.
1800 Z Street
Heyburn, ID 83336

RE: Golden Valley Water District August 2011 Report

Dear Mr. Patterson:

I was able to visit the wells and take readings on the 26th of last month and wanted to let you know where things were:

Monitoring Well No.	Depth (ft)	Change from Last Month
209	501.92	-23.22
417	489.30	-15.45
217	462.48	-15.15

The change from last month is typical of trends we have seen historically at this time of year. I didn't give a comparison to last year since the reading was taken almost two weeks earlier.

To date you have pumped the following from your wells:

Owner	Local Well ID	6/21/2011 (AF)	7/20/2011 (AF)	8/26/2011
Triple Ace	214	1	237	554
Triple Ace	215	0	161	377
Triple Ace	339	0	0	95
Beukers	216	0	134	315
Beukers	386	0	0	0
Beukers	348	0	183	424

According to these numbers, there is a remaining 332 AF allowed to be pumped under your wells and a remaining 239 AF under Beukers' wells. I had a chance calibrate your meters on the 339 & 214 Wells. The meter on the 214 is still within compliance and comes in reading 9.8% high. However, the meter on the 339 is reading 59.9% low. This is out of compliance but I am applying that correction factor to my readings at this time. ***You need to replace that meter ASAP but no later than the beginning of the next irrigation season.*** This not only helps us with our readings but also ensures you are getting the water you are allowed under the order. I've included a list of acceptable meters for your reference. If you decide to put one in this year, please let me know so I

can take a final reading off the old meter before it is removed. If you have any questions or if I can be of any assistance, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Cooper', with a stylized, flowing script.

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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Joe Tugaw
3277 Woodridge Dr.
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RE: Golden Valley Water District August 2011 Report

Dear Mr. Tugaw:

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Monitoring Well No.	Depth (ft)	Change from Last Month
209	501.92	-23.22
417	489.30	-15.45
217	462.48	-15.15

The change from last month is typical of the trends we have seen historically at this time of year. I didn't want to give a comparison to last year since the reading was taken almost two weeks earlier.

To date you have pumped the following from your wells:

Local Well ID	6/21/2011 (AF)	7/20/2011 (AF)	8/26/2011 (AF)
205	47	184	362
207	53	180	371
208	53	150	261

Please let me know if you have any questions or if I can be of any assistance.

Sincerely,

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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July 20, 2011

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

Russ Patterson
Triple Ace Inc.
1800 Z Street
Heyburn, ID 83336

RE: Golden Valley Water District July Report

Dear Mr. Patterson:

I just returned to the office from a visit out to the wells and wanted to let you know where things are at for the current time being. As far as the aquifer health is concerned, things are looking better than last year at this time:

Monitoring Well No.	Depth (ft)	Change from Last Month	Change from Last Year (ft)
209	478.70	-24.41	+0.41
417	473.85	-18.85	+4.29
217	447.33	-16.88	+7.77

The major shift from last month can be entirely attributed to the beginning of the irrigations season. However, I am optimistic since the overall trend from last year is an upswing in water levels.

To date you have pumped the following from your wells:

Owner	Local Well ID	6/21/2011 (Acre Feet)	7/20/2011 (Acre Feet)
Triple Ace	214	1	237
Triple Ace	215	0	161
Triple Ace	339	0	0
Beukers	216	0	134
Beukers	386	0	0

According to these numbers, there is a remaining 961 AF allowed to be pumped under your wells and a remaining 844 AF under Beukers' wells. However, the meter on well 339 doesn't seem to be working right, and at a minimum needs a replacement battery. It also looks like the screen protectors on the mag meters installed on wells 216 & 348 have been completely broken off, leaving the screen and underlying electronics entirely unprotected. If this is left unattended, it will likely affect the operation of the meter. I strongly suggest you get these repaired and consider building a small housing over the meters to keep them protected as I would hate to see you need to replace both meters. I

will be down sometime mid August to calibrate meters on the 339 & 214 wells. If you have any questions or if I can be of any assistance, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Cooper', followed by a long horizontal line.

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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July 20, 2011

Joe Tugaw
3277 Woodridge Dr.
Twin Falls, ID 83301

RE: Golden Valley Water District July Report

Dear Mr. Tugaw:

I just returned to the office from a visit out to the wells and wanted to let you know where things are at for the current time being. As far as the aquifer health is concerned, things are looking better than last year at this time:

Monitoring Well No.	Depth (ft)	Change from Last Month	Change from Last Year (ft)
209	478.70	-24.41	+0.41
417	473.85	-18.85	+4.29
217	447.33	-16.88	+7.77

The major shift from last month can be entirely attributed to the beginning of the irrigations season. However, I am optimistic since the overall trend from last year is an upswing in water levels.

To date you have pumped the following from your wells:

Local Well ID	6/21/2011 (Acre Feet)	7/20/2011 (Acre Feet)
205	47	184
207	53	180
208	53	150

I will be down sometime in August to calibrate your flow meter on Well 208. Please let me know if you have any questions or if I can be of any assistance.

Sincerely,

Jeffrey S. Cooper
Watermaster - Golden Valley Water District

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