

MEMORANDUM

TO: Water Right File 2-10464
FROM: Patrick Kelly
DATE: 4/3/2017
SUBJECT: Field Exam Memo

The final field measurement was completed by Patrick Kelly, Cody Parker and Justin Shearer on March 31, 2017. Craig Castigneto of Allen Noble Farms escorted our group about the properties and ran the pump operations.

The Vander Stelt's own and operate pumps 3, 4 & 5. Permit 2-10464 owned by the Vander Stelt's sought to add 2.25 cfs to existing rights 2-2167 and ~~2-2178~~ ²⁻²¹⁷⁸ which allows the appropriation of 4.77 and 2.38 cfs respectively on a total of 470 acres. $4.77 + 2.38 = 7.15$ cfs. Measurements in 2015 taken by Dennis found a total discharge of 8.06 cfs coming from the three pumps. The 2017 measurement of 7.45 cfs is less than what was measured before. The user should benefit from the higher of the measurements since it is reasonable to assume that this rate could have been achieved during the beneficial use period.

A recommendation of 0.91 cfs is being made based on evidence of additional use.

Discharge Measurement Summary

Date Generated: Fri Mar 31 2017

File Information

File Name VS2.WAD
Start Date and Time 2017/03/31 11:24:28

Site Details

Site Name
Operator(s) PK

System Information

Sensor Type FlowTracker
Serial # P4553
CPU Firmware Version 3.7
Software Ver 2.30
Mounting Correction 0.0%

Units (English Units)

Distance ft
Velocity ft/s
Area ft²
Discharge cfs

Discharge Uncertainty

Category	ISO	Stats
Accuracy	1.0%	1.0%
Depth	0.2%	0.6%
Velocity	0.7%	1.3%
Width	0.1%	0.1%
Method	2.1%	-
# Stations	3.1%	-
Overall	4.0%	1.7%

Summary

Averaging Int.	20	# Stations	16
Start Edge	LEW	Total Width	4.800
Mean SNR	48.7 dB	Total Area	4.149
Mean Temp	47.05 °F	Mean Depth	0.864
Disch. Equation	Mid-Section	Mean Velocity	1.7965
		Total Discharge	7.4541

Measurement Results

St	Clock	Loc	Method	Depth	%Dep	MeasD	Vel	CorrFact	MeanV	Area	Flow	%Q
0	11:24	7.30	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0
1	11:25	6.80	0.6	0.550	0.6	0.220	1.4665	1.00	1.4665	0.192	0.2822	3.8
2	11:27	6.60	0.6	0.700	0.6	0.280	1.7782	1.00	1.7782	0.175	0.3112	4.2
3	11:29	6.30	0.6	0.950	0.6	0.380	1.9564	1.00	1.9564	0.285	0.5580	7.5
4	11:30	6.00	0.6	1.150	0.6	0.460	1.8343	1.00	1.8343	0.345	0.6332	8.5
5	11:31	5.70	0.6	1.230	0.6	0.492	1.9298	1.00	1.9298	0.369	0.7126	9.6
6	11:32	5.40	0.6	1.250	0.6	0.500	1.8494	1.00	1.8494	0.375	0.6940	9.3
7	11:33	5.10	0.6	1.300	0.6	0.520	1.9259	1.00	1.9259	0.390	0.7515	10.1
8	11:34	4.80	0.6	1.300	0.6	0.520	1.7730	1.00	1.7730	0.390	0.6918	9.3
9	11:35	4.50	0.6	1.250	0.6	0.500	1.7487	1.00	1.7487	0.375	0.6562	8.8
10	11:36	4.20	0.6	1.150	0.6	0.460	1.9147	1.00	1.9147	0.345	0.6610	8.9
11	11:37	3.90	0.6	1.000	0.6	0.400	1.7851	1.00	1.7851	0.300	0.5359	7.2
12	11:39	3.60	0.6	0.820	0.6	0.328	1.6096	1.00	1.6096	0.246	0.3962	5.3
13	11:40	3.30	0.6	0.600	0.6	0.240	1.6325	1.00	1.6325	0.180	0.2941	3.9
14	11:41	3.00	0.6	0.450	0.6	0.180	1.5387	1.00	1.5387	0.180	0.2763	3.7
15	11:41	2.50	None	0.000	0.0	0.0	0.0000	1.00	0.0000	0.000	0.0000	0.0

Rows in italics indicate a QC warning. See the Quality Control page of this report for more information.

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Date Generated: Fri Mar 31 2017

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File Name

VS2.WAD

Start Date and Time

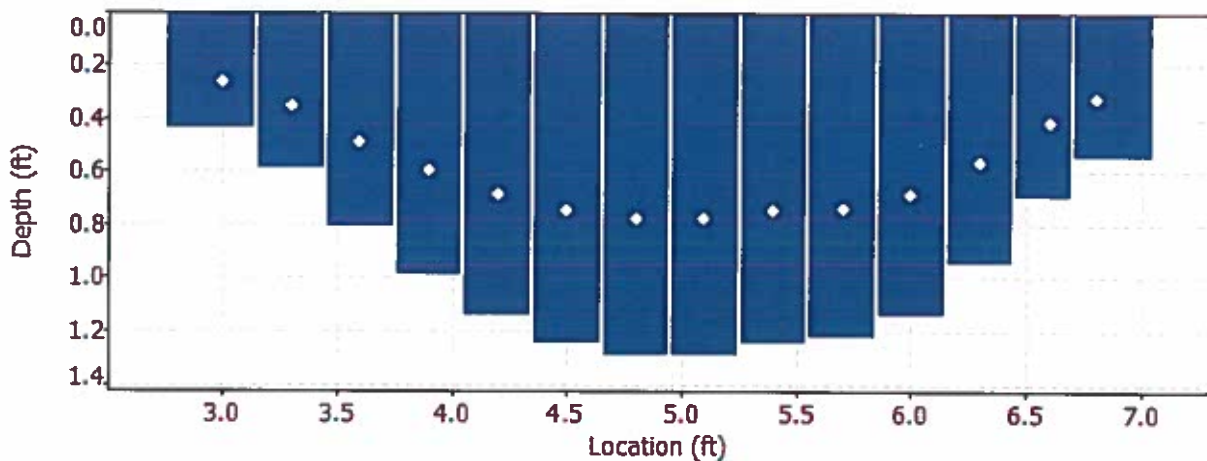
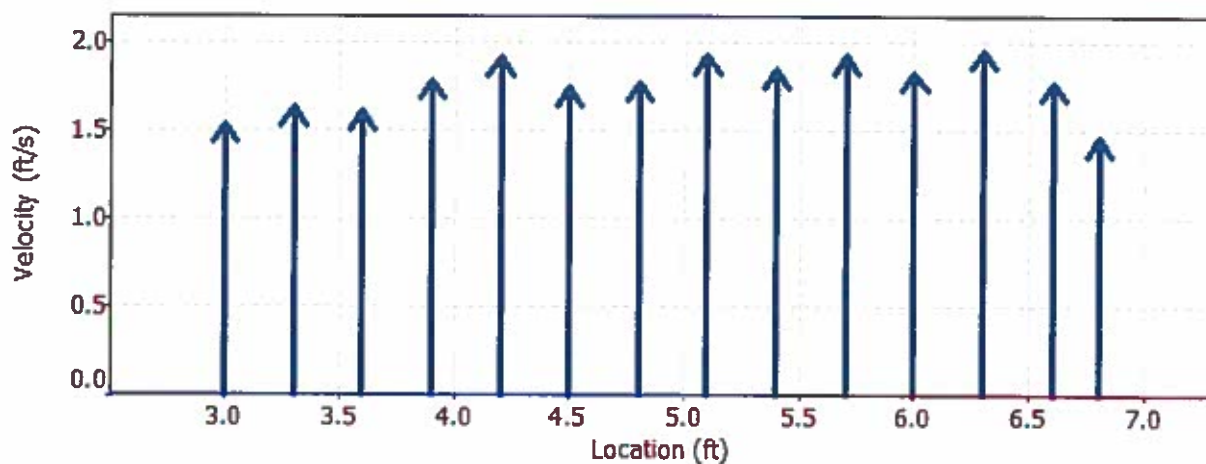
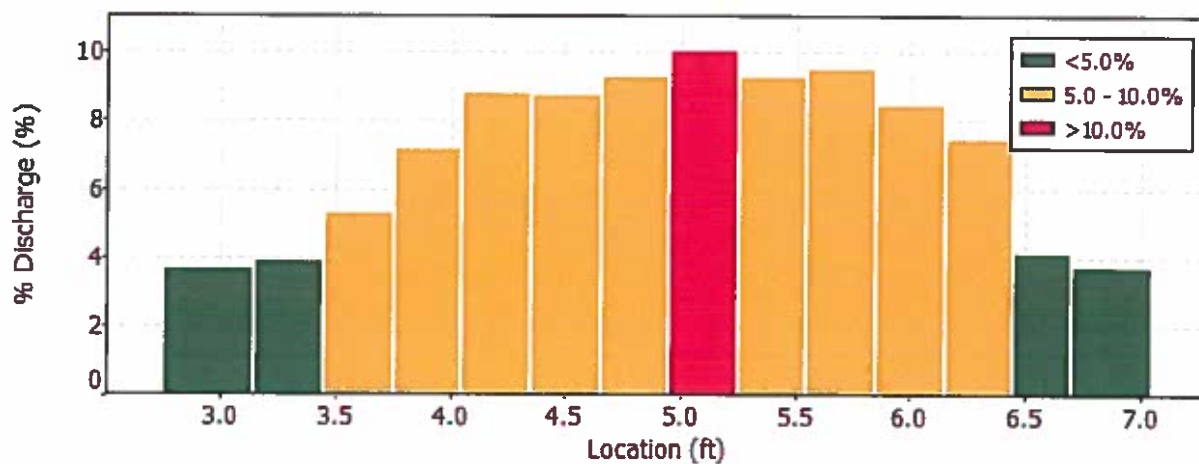
2017/03/31 11:24:28

Site Details

Site Name

Operator(s)

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Quality Control

No Quality Control warnings

Idaho Department of Water Resources Receipt

Receipt ID: W044971

Payment Amount \$150.00 Date Received 2/23/2017 1:08 PM Region WESTERN
Payment Type Check Check Number 1162
Payer VANDER STELT PROPERTIES LLLP
Comments BENEFICIAL USE / FIELD EXAM FEE FOR WR PERMIT 2-10464

Fee Details

Amount	Description	PCA	Fund	Fund Detail	Subsidiary	Object
\$150.00	BENEFICIAL USE	62104	0229	21		1155



Signature Line (Department Representative)



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

December 23, 2016

COPY

DONALD LEE, STEVE AND CATHERINE VANDER STELT
12400 LANDAU WY
NAMPA ID 83686

RE: Scheduling Field Exam for Water Permit No. 2-10464

Dear Permit Holder:

The Idaho Department of Water Resources (IDWR) conducted a second field exam on November 4, 2016. Information about that exam indicates that measurements collected during this exam may have been compromised by faulty electrical connections. An examination is needed to verify water use(s) developed under the permit in order to issue a water right license. To complete another measurement of the system, the department requires a beneficial use examination fee of \$150 associated with a 2.25 cfs permit. Payment must be received before an examination can occur.

Please contact me at your earliest convenience, but no later than April 1, 2017 to schedule an examination. If no exam is scheduled by this date, the department will issue a license for the additional beneficial use found of 0.91 cfs.

Please call me at 208-334-2190 if you have any questions. I appreciate your attention to this matter and look forward to hearing from you.

Sincerely,

Patrick Kelly
Water Resource Agent, Sr.



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

July 25, 2016

COPY

DONALD LEE, STEVE AND CATHERINE VANDER STELT
12400 LANDAU WY
NAMPA ID 83686

RE: Scheduling Field Exam for Water Permit No. 2-10464

Dear Permit Holder:

The Idaho Department of Water Resources (IDWR) issued an order granting petition for reconsideration on July 22, 2016. The order requires you to make your system available for another examination during the 2016 irrigation season. An examination is needed to verify water use(s) developed under the permit in order to issue a water right license. To complete another measurement of the system, the department requires a beneficial use examination fee of \$150 associated with a 2.25 cfs permit. Payment must be received before an examination can occur.

Please contact me at your earliest convenience, but no later than November 15, 2016 to schedule an examination. If no exam is scheduled by the end of the 2016 irrigation season, the department may issue a license for 0.91 cfs.

Please call me at 208-334-2190 if you have any questions. I appreciate your attention to this matter and look forward to hearing from you.

Sincerely,

Patrick Kelly
Water Resource Agent, Sr.