



APR 27 2017

DEPARTMENT OF  
WATER RESOURCES

April 21, 2017

Leslie Nona  
Chairperson  
Dry Creek Rural Neighborhood Association  
6411 West Dry Creek Road  
Boise, ID 83714

*Subject: Report of Water Level Monitoring Results from Dry Creek Ranch Aquifer Monitoring Plan*

Dear Leslie,

This letter summarizes the status of the Dry Creek Ranch Aquifer Monitoring Plan (Plan) dated April 2008.

**Description of Monitoring Plan.** The Plan was implemented by JMM Dry Creek (JMM) as part of a Water Rights Agreement (Agreement) between the Dry Creek Rural Neighborhood Association (DCRNA) and JMM Dry Creek (JMM). The Agreement, with an effective date of January 14, 2009, was established to resolve the DCRNA protest of JMM's Application for Permit 63-32423 and to avoid a possible protest of JMM's Application for Transfer 73817.

Note that JMM changed its name to P&F Dry Creek, LLC, in July 2014. Idaho Department of Water Resources changed the name on Permit 63-32423 on August 25, 2014. JMM subsequently assigned Permit 63-32423 to BHH Investors 1414 LLC on August 31, 2016. Monitoring is currently being conducted on behalf of BHH Investors 1414 LLC.

**Monitoring Wells.** Well locations are shown on Figure 1 in Attachment A.

The Plan originally included six wells located on the Dry Creek Ranch property and four off-site wells. The on-site wells are Well 9, Payne Well, Big Pump Well, Hot Well, Stockwater Well, and Pasture Well. The four off-site wells are the Beliveau Well, Thompson Well, Graves Well, and the Dater Well. Monitoring of these ten wells began in June 2007. Measurements were taken every two months through 2008, and then every 6 months thereafter. The most recent set of measurements were taken on April 19, 2017.

- Since April 2010, artesian pressure has not been measured from the Pasture Well because the well head was leaking, preventing an accurate measurement of pressure. The Pasture Well was abandoned by Post Drilling Inc. on December 8, 2016, and has been removed from the monitoring plan. A copy of the well abandonment report can be found in Attachment B.

- During Fall 2012 monitoring, SPF's electric line well sounder became snagged somewhere along the drop pipe/power cable in the Graves Well. Any future monitoring at this well would require installation of a well sounding tube. Connie Graves declined SPF's offer to install a well sounding tube free of charge. As a result, we have removed the Graves Well from the well monitoring list.
- During Spring of 2015, the new homeowner of the Thompson Well requested that his well be removed from the monitoring program.
- The original Dater Well was monitored through April 2016. This was a shallow well with a static water level that fluctuated between 35 and 51 feet. Measurements in October 2016 and April 2017 encountered an obstruction above the water level at approximately 40 feet. A new deeper well was drilled in 2013, and monitoring was switched to the deep well in October 2016.

The Agreement also required adding six off-site DCRNA wells to the Plan.

- In April 2009, three DCRNA wells were added to the monitoring program: the Podolan Well, Johnston Well, and the Rishel Well. These wells were measured every two months through April 2010, then every 6 months thereafter. The most recent set of measurements were taken on April 19, 2017.
- Three additional DCRNA wells were added to the program in April 2010: the Golis Well, the Chapin Well, and the Hull Well. These wells are shown on Figure 1. Water levels from these three wells were measured every two months for a year, then every 6 months thereafter. The most recent set of measurements were taken on April 19, 2017.
- Kathy Jordan's well was added to the monitoring program in April 2016. The Jordan well is located approximately 800 feet southwest of the Golis well. This well is shown on Figure 1. The most recent set of measurements were taken on April 19, 2017.

**Monitoring Program Status.** Measurements from seven of the ten original wells (excluding the Pasture Well, Thompson Well, and Graves Well) plus seven off-site DCRNA wells will continue to be taken twice a year (April and October) until termination of the program, or measurements are no longer physically possible, or a well is withdrawn from the program by the well Owner. In accordance with the Plan, monitoring will continue until at least 2025 (i.e., 15 years after permit approval).

**Fall 2016 and Spring 2017 Monitoring.** The 14 wells currently in the plan were visited during the Fall 2016 and Spring 2017 monitoring events. At least one measurement was obtained from 12 of the 14 wells. Two wells could not be measured.

- The Payne Well was not measured due to flowing conditions. SPF will investigate whether there is a way to fully shut the well to allow static pressure measurement.
- The Golis Well was not measured because the well sounder could not pass a restriction between the well and the pump drop pipe approximately 60 feet above the water table. Measurements will be attempted again in the fall of 2017.

**Summary of Data.** Water-level measurements collected to date from 16 monitoring wells are presented in Table 1 in Attachment A. These measurements are presented graphically in Figure 2 of Attachment A.

Please contact me or Terry Scanlan at SPF with any questions you may have regarding the information contained in this letter.

Sincerely,



Ashley Ritter, E.I.T., G.I.T.  
Associate Engineer

Cc: Chad Hamel, Boise Hunter Homes  
Dennis Owsley, Idaho Department of Water Resources  
Michele Edl, Idaho Department of Water Resources  
Marian Shaw  
John Johnston  
Dale Podolan  
Michael Rishel  
Philip Dater  
Kathryn Beliveau  
Ryan Cole  
Alex Bowman  
Tom Golis  
Gayle Chapin  
Shannon Hull  
Kathy Jordan  
SPF File #1017.0030

**ATTACHMENT A**  
**FIGURES AND TABLES**

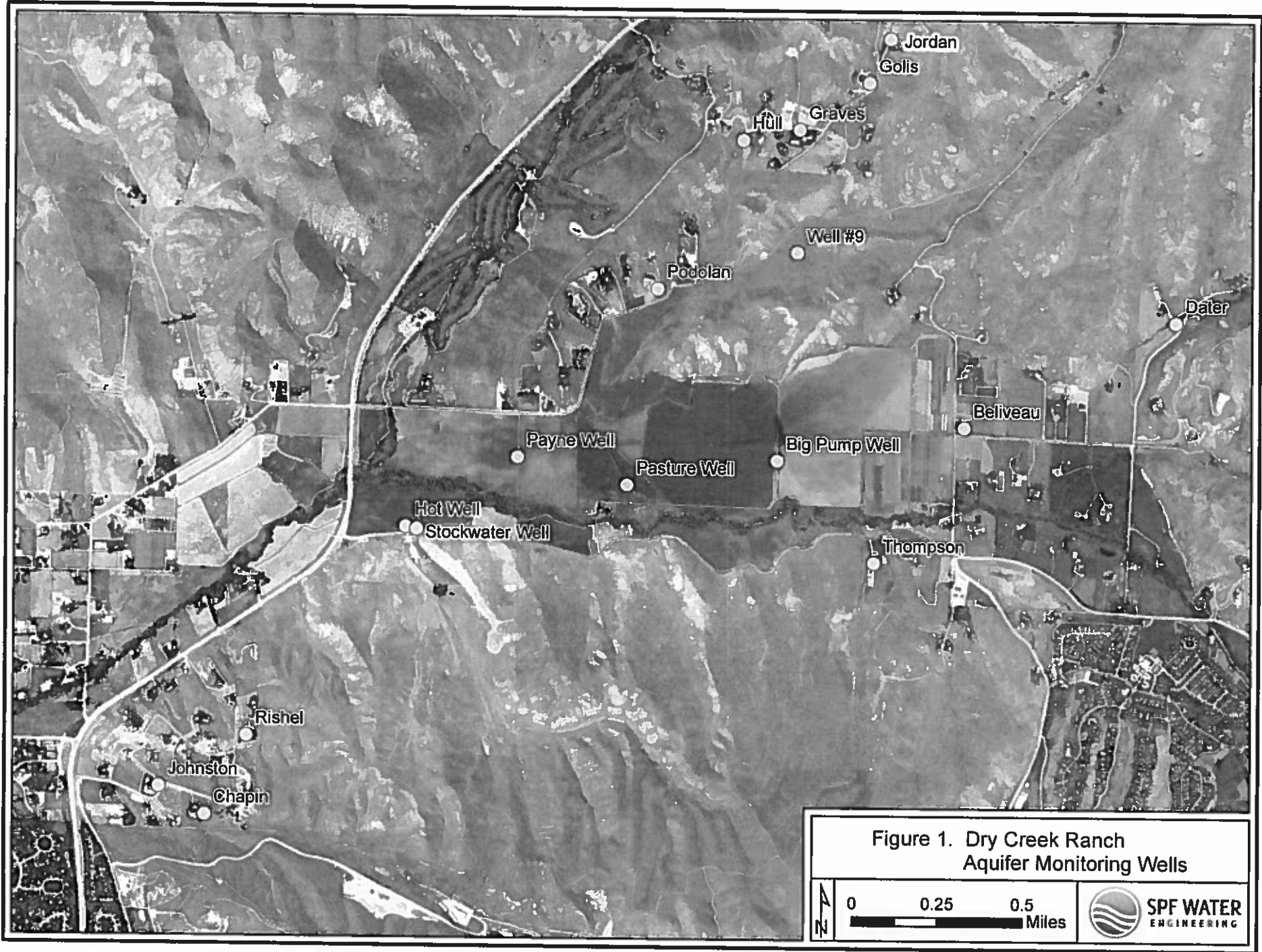




Table 1. Dry Creek Water Level Monitoring Results

Date	#9 (ft, DTW)	Payne (psi)	Big Pump Well (ft, DTW)	Hot Well (psi)	Stockwater (ft, DTW)	Pasture (psi)	Belliveau (ft, DTW)	Thompson (ft, DTW)	Graves (ft, DTW)	Dater Deep Well (ft, DTW)	Dater Shallow Well (ft, DTW)	Johnston (ft, DTW)	Rishel (ft, DTW)	Podolan (ft, DTW)	Chapin (ft, DTW)	Hull (ft, DTW)	Golis (ft, DTW)	Jordan (ft, DTW)
6/8/07		4.0	31.37	10.0	19.10	1.0	48.43	36.53	154.28		48.02							
7/30/07	72.25	4.0	35.88	8.5	19.58	2.0	50.53	40.74	153.25		50.35							
10/12/07	71.95	4.0	27.87	10.0	19.26	3.0	52.98	39.72	153.72		47.82							
12/13/07	73.55	9.3	28.92	11.3	20.37	3.0	52.13	38.23	155.18		51.20							
2/13/08	72.20	5.0	27.35	11.0	20.54	3.0	51.75	39.23	154.92		49.70							
4/7/08	73.40	4.0	24.52	11.0	21.60	4.0	50.02	38.70	154.55		45.15							
6/24/08	73.16	4.0	31.97	11.0	19.32	2.5	48.78	36.85	154.10		48.42							
8/6/08	73.02	5.0	31.75	11.0	19.78	3.0	49.10	38.65	154.19		49.79							
8/8/08			28.3															
9/19/08			28.2															
10/2/08	71.72	4.0	26.92	10.0	19.12	3.0	52.54	39.52	154.01		47.63							
12/3/08	73.32	9.0	28.72	10.0	20.31	3.0	52.13	38.17	154.98		51.00							
4/27/09	72.63	3.5	24.58	8.8	19.10	1.0	50.53	36.68	155.09		45.56	85.76	134.33	73.52				
6/26/09												91.79	157.94	74.76				
8/31/09												99.32	152.10	75.89				
10/20/09	74.19	5.0	26.65	7.8	18.99	2.5	53.03	39.65	155.72		47.82	83.97	133.52	75.55				
12/29/09												80.22	131.17	74.82				
2/26/10												80.40	131.64	73.76				
4/19/10	72.15	8.0	23.64	8.7	17.69	(1)	50.05	35.78	160.84		45.22	83.73	130.45	72.60	65.19	131.72	254.71	
6/30/10																		
8/31/10																		
10/28/10	73.58	4.5	26.41	8.9	19.22	(1)	51.84	38.88	156.01		47.37	88.72	134.75	74.66	75.94	135.67	255.20	
12/30/10																		
2/28/11																		
4/27/11	70.51	6.7	21.66	9.5	17.19	(1)	47.78	34.60	148.82		34.87	77.96	132.38	69.53	68.29	132.31	255.70	
10/21/11	71.04	7.2	23.26	11.4	18.89	(1)	49.20	35.48	154.48		48.60	85.66	132.32	71.37	74.47	137.61	258.63	
4/24/12	68.71	9.0	20.55	13.5	18.60	(1)	46.47	32.98	168.18		37.55	77.65	130.12	68.70	77.83	135.70	252.19	
10/23/2012	71.88	5.0	24.6	8.0	18.49	(1)	50.08	38.78	(3)		47.20 (2)	87.37	132.63	72.32	83.12	133.49	250.83	
4/29/2013	69.04	9.0	22.58	11.5	12.02	(1)	48.92	38.57 (2)	(3)		45.50 (2)	81.36	134.35	69.93	(4)	136.14	252.08	
10/23/2013	74.83	(5)	28.35	10.0	17.62	(1)	54.10	40.38	(3)		50.90	88.29	132.89	74.32	85.95	133.47	250.80	
4/29/2014	73.09	(5)	24.96	9.6	15.80	(1)	51.03	37.87	(3)		39.69	76.78	170.52 (2)	72.79	72.14	135.30	(6)	
10/28/2014	76.42	(5)	29.61	9.8	18.69	(1)	55.80	42.35	(3)		48.79	87.68	130.44	75.91	81.85	134.92	249.85	
4/28/2015	72.88	(5)	24.92	9.8	18.81	(7)	50.86	(8)	(3)		41.39	89.86	141.98	73.60	(4)	147.28	254.30	
10/21/2015	75.83	(5)	29.26	8.4	17.71	(1)	55.00	(9)	(3)		51.04	88.15	131.75	76.18	79.8	140.38	255.51	
4/19/2016		(5)				(1)	50.18	(8)	(3)		41.76	80.1	183.68 (2)		71.62			
4/20/2016	72.55		(10)	9	15.75													
10/21/2016	(9)	(5)	28.97	9.5	19.50	(1)	54.70	(9)	(3)	110.05		84.9	130.72	76.05	80.80	136.1	(8)	297.20
4/19/2017	72.85	(9)	(11)	8.8	15.07	(12)	49.85	(8)	(3)	108.63		74.3	125.25	72.90	75.52	131.4	(8)	280.80

- (1) No measurement, most of artesian flow escaping from well head
- (2) Pumping water level; pump on during measurement
- (3) Sounder snagged in well, unable to measure water level, removed from program
- (4) No measurement; pump on, unable to measure PWL due to constriction at approximately 220ft
- (5) No measurement; artesian flows bypassing pipe with hose bib used for pressure measurement
- (6) No measurement; blockage between drop pipe and well casing at approximately 192 feet depth
- (7) New head with hose bib was installed. No water was flowing, appears to be isolated with gate valve, but unable open gate valve to verify.
- (8) New home owner requested that his well be removed from the monitoring program
- (9) Gate locked, unable to gain access to well
- (10) Pump on, water spraying all around tap opening, unable to collect measurement
- (11) Well currently used for providing water for well drilling
- (12) Well Abandoned 12/08/2016

**ATTACHMENT B**  
**WELL ABANDONMENT REPORT**

ID NUMBER \_\_\_\_\_

**State of Idaho Department of Water Resources  
AUTHORIZATION TO ABANDON (DECOMMISSION) A WELL**

**1. WELL OWNER INFORMATION: (The well owner is the person who legally owns the property.)**

Name: BHH Investments 1414 LLC  
Current Mailing Address: 1025 S Bridgeway Pl, Suite 290  
City: Eagle State: ID Zip Code: 83616  
Telephone: ( \_\_\_\_\_ ) \_\_\_\_\_

**2. WELL LOCATION: (GPS required in Degrees Decimal Minutes.)**

Twp. 5N, Rge. 1E, Sec. 36, \_\_\_\_\_ 1/4 NE 1/4 NW 1/4  
(10) (40) (180)  
Gov't Lot No. \_\_\_\_\_ County Ada Lat. 43° 43.953 Long. 116° 17.274  
Street Address of Well Location: Dry Creek Rd,  
City: Eagle Lot, block and subdivision: \_\_\_\_\_

**3. TYPE OF WELL:**

DOMESTIC  MONITORING  IRRIGATION  OTHER \_\_\_\_\_ (Describe)

**4. WELL INFORMATION: (\*Casing size, well depth & static water level data are required.)**

Well Tag Number: None Previous Drilling Permit Number: Unknown  
Water Right Number: \_\_\_\_\_  
Well Log on File? (Provide if available)  Yes  No Temperature:  less than 85°F  greater than 85°F  
\*Casing Size: 8-inch \*Material: Steel \*Well Depth 370 ft. (measured)  
\*Current Static Water Level: \_\_\_\_\_ (measured) Flowing Artesian?  Yes  No

**5. REASON FOR ABANDONMENT OF WELL:**

No longer needed

**6. PROPOSED METHOD OF ABANDONMENT: (Must be consistent with IDAPA 37.03.09. This Application must be reviewed prior to commencement of abandonment.)**

Filled hole from bottom of well to surface with cement

7. Drilling company name: Post Drilling Inc. company lic. No. 670

8. Date of abandonment: 12/8/2016

9. Applicants signature: *Angie Post*

10. Title: Principal Driller date: 12/9/2016

**ACTION OF THE DEPARTMENT OF WATER RESOURCES**

This application for abandonment has been reviewed by IDWR on \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

This review does not constitute an endorsement by IDWR of the proper abandonment of this well. Pursuant to Section 42-238(12), Idaho Code, all abandonments must meet the requirements of the Administrative Rules for Well Construction Standards. Abandonment of this well will require the services of a well driller licensed in the State of Idaho unless a waiver has been granted.

\_\_\_\_\_  
Signature of Authorized Department Representative

\_\_\_\_\_  
Title

