## Kansas Department of Agriculture Division of Water Resources

## **CLOSURE OF NEW APPLICATION WORKSHEET**

1. File Number: 48,925	1 .	Change Date:	3. Field Office:	4. GMD	): <b>0</b>			
5. Status: Approved Denied b	by DWR/GMI	) <u> </u>	Dismiss by Request/	Failure to R	eturn			
6. Enclosures:	m 📙	Water Tube	☐ Driller Copy	☐ Meter				
7a. Applicant(s) Person ID  New to system   Add Seq#	55884	7c. Landowne New to sy		Person II Add Seq				
MARMATON WATERSHED JOINT DIST AGRICULTURAL ENGINEERING PO BOX 4 UNIONTOWN KS 66779	Γ #102	MARK & WI 14097 W 14 OLATHE KS		OOD				
7b. Landowner(s) Person ID  New to system □ Add Seq#		7d. Misc. New to sy	stem 🗌	Person II Add Seq				
8. WUR Correspondent Person ID  New to system	Form	9. Use of Wat  IRR  STK  HYD DRG  IND SIC:	er: Changing?  Groundwater  REC  SED  WTR PWR	☐ Surface W ☐ DEW ☐ DOM ☐ ART REC	☐ MUN ☐ CON HRG			
10. Completion Date: 11. P	Perfection Da	ite:	12.	Exp Date:				
13. Conservation Plan Required?   Yes  No Date Required:  Date Approved:  Date to Comply:  Date WLMD Installed:								
			Date Prepared: <b>5</b> Date Entered: <b>7</b>		By: <b>DWS</b> By: <i>CLY</i> )			

File No.	48,925		15	5. Formation	ation Code: Drainage Basin:					County: Special Use:					se:	: Stream:										
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# KANSAS DEPARTMENT OF AGRICULTURE Division of Water Resources

## <u>MEMORANDUM</u>

TO: Files

DATE: May 16, 2019

FROM: Doug Schemm

RE:

Application, File No. 48,925

Site I-5

Marmaton Watershed Joint District #102 filed the above referenced application to appropriate 8.8 acre-feet of surface water per calendar year for sediment control use to be stored in a proposed reservoir to be located on Hinton Creek Trib 4 (Marmaton), created by a dam located in the Southeast Quarter of the Northeast Quarter of the Southeast Quarter (SE¼ NE¼ SE¼) of Section 30, Township 26 South, Range 22 East, Bourbon County, Kansas.

Information provided by the applicant noted that this project is located in a critical habitat area, and they have been unable to develop a mitigation plan that is acceptable to the U.S. Army Corps of Engineers. The applicant was requested to provide documentation that a mitigation plan has been approved by the Corps, to the Division of Water Resources before we can complete processing of the application.

The original application was returned to the applicant on April 11, 2019 providing 30 days to provide additional information about the application. The original application and requested information were not returned by the deadline, nor was there a request for an extension of time. Based on the available information, that the application was not returned within the time allowed, it is recommended that the file be dismissed for failure to return, as provided by K.S.A. 82a-710.

The pending structures file No. DBB-0154 must also be dismissed.

Douglas Schemm
Environmental Scientist
Topeka Field Office

1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

July 1, 2019

MARMATON WATERSHED JOINT DIST #102 AGRICULTURAL ENGINEERING PO BOX 4 UNIONTOWN KS 66779 FILE COPY

RE:

Appropriations Application, File No. 48,925 Structures Application, File No. DBB-0154

Dear Sir or Madam:

Enclosed is the Findings and Order by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, dismissing Appropriations application, File No. 48,925 for failure to return the original application and provide the requested information, prior to the deadline of May 11, 2019. With the dismissal of your Appropriations application, your associated Structures application, File No. DBB-0154, is hereby dismissed as well.

This is a final agency action with respect to your Appropriations application. If you choose to appeal this decision or any finding or part thereof, you must do so by filing a petition for review in the manner prescribed by the enclosed order. You may request to have your Structures application reinstated within 30 days of the date of this letter, however, please be aware that it won't be reinstated without an acceptable Appropriations application.

If you have any questions, please contact our office. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

David W. Barfield, P.E.

Chief Engineer

Division of Water Resources

DWB:kab Enclosures

pc:

Topeka Field Office

Mark & Wendy Prestwood DWR Water Structures Program

# KANSAS DEPARTMENT OF AGRICULTURE Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

## FINDINGS AND ORDER IN THE MATTER OF THE DISMISSAL OF APPLICATION FILE NO. 48,925

After due consideration, the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture (hereinafter referred to as the "Chief Engineer"), makes the following findings and order:

#### **FINDINGS**

- 1. That on January 10, 2014, the Chief Engineer received an application from Marmaton Watershed Joint District #102 for permit to appropriate surface water for beneficial use, assigned File No. 48,925, proposing the appropriation of 8.8 acre-feet of water of surface water per calendar year for sediment control use to be stored in a proposed reservoir to be located on Hinton Creek Trib 4 (Marmaton), created by a dam located in the Southeast Quarter of the Northeast Quarter of the Southeast Quarter (SE¼ NE¼ SE¼) of Section 30, more particularly described as being near a point 1,635 feet North and 575 feet West of the Southeast corner of said section, in Township 26 South, Range 22 East, Bourbon County, Kansas.
- 2. That on April 11, 2019, the original application was returned to the applicant, with a cover letter requesting that additional information be submitted in order to complete the application. This project is located in a critical habitat area, and the applicant has been unable to develop a mitigation plan that is acceptable to the U.S. Army Corps of Engineers. The applicant was informed that the Division of Water Resources would not process this application without documentation that a mitigation plan has been approved by the Corps for this project. The applicant was provided a deadline until May 11, 2019, the time in which to provide the requested information and return the original application. The applicant was informed that the application would be dismissed if it was not returned by the May 11, 2019 deadline, or within any authorized extension of time.
- 3. That the applicant was informed that related Water Structures Program File No. DBB-0154 would also be dismissed in conjunction with Application, File No. 48,925.
- 4. That the original application was not returned by the May 11, 2019 deadline, nor was there any request for an extension of time.
- 5. That the application should be dismissed and its priority forfeited as provided by K.S.A. 82a-710, for failure to return the application.

#### **ORDER**

NOW, THEREFORE, It is the decision and order of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, that effective the date of this order, in accordance with the law, Application, File No. 48,925, is herewith dismissed and the priority assigned to it is considered to be forfeited.

This is a final agency action. If you choose to appeal this decision or any finding or part thereof, you must do so by filing a petition for review in the manner prescribed by the Kansas Act for Judicial Review and Civil Enforcement of Agency Actions (KJRA K.S.A. 77-601 et seq.) within 30 days of service of this order. Your appeal must be made with the appropriate district court for the district of Kansas.

The Chief Legal Counsel for the Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, is the agency officer who will receive service of a petition for judicial review on behalf of the Kansas Department of Agriculture, Division of Water Resources. If you have questions or would like clarification concerning this order, you may contact the Chief Engineer.

Ordered this 28 day of June , 2019, in Manhattan, Riley County, Kansas.

\*\*PANID W. BARFIELD\*\*

David W. Barfield, P.E.

CHIEF ENGINEER Chief Engineer

CHIEF ENGINEER Chief Engineer

CHIEF ENGINEER Chief Engineer

State of Kansas

) SS

County of Riley

Ordered this 28 day of June , 2019, in Manhattan, Riley County, Kansas.

The foregoing instrument was acknowledged before me this 20 day of 2000, 2019, by David W. Barfield, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.



Notary Public

## CERTIFICATE OF SERVICE

On this 15th day of Application, File No. 48,925, dated the following:

2019, I hereby certify that the foregoing Dismissal of 2542 2019 was mailed postage prepaid, first class, US mail to

MARMATON WATERSHED JOINT DIST #102 AGRICULTURAL ENGINEERING PO BOX 4 UNIONTOWN KS 66779

With photocopies to:

MARK & WENDY PRESTWOOD 14097 W 141<sup>ST</sup> ST OLATHE KS 66062

Topeka Field Office

Division of Water Resources

1320 Research Park Drive Manhattan, KS 66502 785-564-6700 www. agriculture.ks.gov



900 SW Jackson, Room 456 Topeka, KS 66612 785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

April 11, 2019

MARMATON WATERSHED JOINT DIST #102 AGRICULTURAL ENGINEERING PO BOX 4 UNIONTOWN KS 66779

TILE COPY

Re: Pending Appropriation Application, File No. 48,925

Structures Application, File No. DBB-0154

Site I-5

Dear Sir or Madam:

The above referenced original application for a permit, File No. 48,925, is being returned to you for additional information. We have suspended processing of this application, which is requesting to appropriate 8.8 acre-feet of surface water per calendar year for sediment control use to be stored in a proposed reservoir to be located on Hinton Creek Trib 4 (Marmaton), created by a dam located in the Southeast Quarter of the Northeast Quarter of the Southeast Quarter (SE¼ NE¼ SE¼) of Section 30, Township 26 South, Range 22 East, Bourbon County, Kansas.

It is our understanding that this project is located in a critical habitat area, and you have been unable to develop a mitigation plan that is acceptable to the U.S. Army Corps of Engineers. You must provide documentation that a mitigation plan has been approved by the Corps to the Division of Water Resources before we can complete processing of your application.

In order for the application to retain its priority of filing, the original application and attachments must be returned, with the requested information, to this office on or before May 11, 2019, or within any authorized extension of time thereof. Pursuant to K.S.A. 82a-710, failure to timely refile the completed application and attachments as outlined above shall constitute forfeiture of your priority date and result in dismissal of the application, including the related structures file.

If you have any questions, please contact Doug Schemm at our Topeka Field Office, 785-296-5733. If you wish to discuss this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely.

Kristen A. Baum

New Applications Unit Supervisor

Division of Water Resources

Enclosure

pc: Structures Program

## Baum, Kristen [KDA]

From:

Schemm, Doug [KDA]

Sent:

Wednesday, April 10, 2019 4:16 PM

To:

Baum, Kristen [KDA]

**Subject:** 

FW: Pending application 48,925 for Marmaton WJD No. 102, WSN DBB-0154

Kristen.

Do you have this original app. laying around up there somewhere.....I hope?

I will draft up the return cover letter.

Thanks, Doug

From: Medley, Terry [KDA]

Sent: Wednesday, April 10, 2019 8:02 AM

**To:** Bristow, Leonard [KDA] <Leonard.Bristow@ks.gov>; Ketter, Ambrose [KDA] <Ambrose.Ketter@ks.gov> **Cc:** Schemm, Doug [KDA] <Doug.Schemm@ks.gov>; Letourneau, Lane [KDA] <Lane.Letourneau@ks.gov>

Subject: RE: Pending application for Marmaton WJD No. 102, WSN DBB-0154

I would prefer to go with option 1. If we issue an approval with a time frame to complete I think we will get stuck in a cycle of extension requests.

Terry Medley, P.E. Water Structures Program Manager Kansas Department of Agriculture 1320 Research Park Drive

Manhattan, KS 66502 Phone: 785-564-6657 Mobile: 785-370-5452

Email: <u>Terry.Medley@ks.gov</u> http://agriculture.ks.gov/dwr

Deliberative

Analytical

Context

Restorative

Learner

From: Bristow, Leonard [KDA]

Sent: Monday, April 8, 2019 2:22 PM

**To:** Medley, Terry [KDA] < <a href="mailto:KDA" | Terry.Medley@ks.gov"> Ketter, Ambrose [KDA] < <a href="mailto:Ambrose.Ketter@ks.gov"> Ambrose.Ketter@ks.gov</a> | Cc: Schemm, Doug [KDA] < <a href="mailto:Lourneau@ks.gov"> Letourneau, Lane [KDA] < <a href="mailto:Lane.Letourneau@ks.gov"> Lane.Letourneau@ks.gov</a> | Terry.Medley@ks.gov</a> | Letourneau, Lane [KDA] < <a href="mailto:Lane.Letourneau@ks.gov"> Letourneau, Lane.Letourneau@ks.gov</a> | Terry.Medley@ks.gov</a> | Terry.Me

Subject: Pending application for Marmaton WJD No. 102, WSN DBB-0154

Terry and Ambrose,

I have a pending application for construction of a watershed dam that was initially received on January 6, 2014. This was submitted on the application for both appropriations and structures. The water appropriation number is 48,925. Doug Schemm is processing the water appropriation application and he said it is ready for approval. I have had the application review completed for the dam since I received revised plans on April 1, 2014. However, this project was suspended on April 3, 2014 as the project was located in critical habitat. Agricultural Engineering Associates and Wildlife and Parks have been trying to develop a mitigation plan but have been in a standstill with the COE.

Doug and I discussed two options: 1.) Send a letter giving 30 days to submit required information or applications will be dismissed. 2.) Issue approval with time frame to construct and see if they get completed.

Are either of these options acceptable, or do we just suspend the project until something happens?

#### Leonard

Please be advised that my e-mail address has changed to: <a href="mailto:leonard.bristow@ks.gov">leonard.bristow@ks.gov</a>

Leonard B. Bristow, P.E.
Water Structures Engineer
Kansas Department of Agriculture
Division of Water Resources
Stockton Field Office
820 S. Walnut
Stockton KS 67669
785/425-6787
leonard.bristow@ks.gov
http://agriculture.ks.gov/dwr

Our applications have changed. Please visit our website to get current applications for new projects at: http://agriculture.ks.gov/divisions-programs/dwr/stream-and-floodplain-permits

## Rockel, Richard A.

**Division of Water Resources** 

From: Sent:	Bristow, Leonard
To:	Friday, September 12, 2014 11:39 AM Rockel, Richard A.
Subject:	FW: I-5
Richard,	
	on plan that KDWP was supposed to assist Marmaton WJD No. 102 with for this project. s will be done. I will see if I can get some information about the timeframe. I will keep
Thanks,	
Leonard	
From: Luginbill, Jason [mailto:jas Sent: Thursday, September 11, 2 To: Bristow, Leonard Subject: Re: I-5	
Hi Leonard, Not ready as of yet.	
On Mon, Sep 8, 2014 at 3:20 P	M, Bristow, Leonard < <u>Leonard.Bristow@kda.ks.gov</u> > wrote:
Jason,	
Can you give me an update on the	e mitigation plan for this project?
Thanks,	
Leonard	
Leonard B. Bristow, P.E.	
Water Structure Engineer	
Kansas Department of Agriculture	<u>.</u>

Stockton Field Office
Telephone: 785/425-6787
Fax: <u>785/425-6842</u>
leonard.bristow@kda.ks.gov
http://agriculture.ks.gov/dwr
From: Luginbill, Jason [mailto:jason.luginbill@ksoutdoors.com]  Sent: Thursday, May 22, 2014 11:54 AM  To: Bristow, Leonard  Cc: Hunninghake, Kimberly; Frank Young  Subject: Re: I-5
Leonard,
This is held up on my end. Busy months with moving and trying to get someone hired into my old position. I will finalize with Frank and get this finalized. My apologies for the delay.
On Thu, May 22, 2014 at 11:51 AM, Bristow, Leonard < <u>Leonard.Bristow@kda.ks.gov</u> > wrote:
Frank,
From an e-mail I received from Jason Luginbill of the Kansas Department of Wildlife and Parks, it was noted the project is located in critical habitat. Jason informed me that he would be working with you to finalize mitigation for this site. We have not received anything further and were waiting to complete the review of this project until we received further information from Jason.
Can you give me an update on the status of the mitigation plan?
Thanks,

Leonard

Leonard B. Bristow, P.E.

Water Structure Engineer

Kansas Department of Agriculture

Division of Water Resources

Stockton Field Office

Telephone: <u>785/425-6787</u>

Fax: 785/425-6842

leonard.bristow@kda.ks.gov

http://agriculture.ks.gov/dwr

From: Hunninghake, Kimberly

Sent: Thursday, May 22, 2014 10:35 AM

**To:** Frank Young **Cc:** Bristow, Leonard **Subject:** RE: I-5

According to the database Leonard is still processing it and a permit has not been issued.

## Kimberly A. Hunninghake, P.E.

Dam Safety Team Leader

Kansas Department of Agriculture

Division of Water Resources

(785) 296-4625

Kimberly.Hunninghake@kda.ks.gov

http://agriculture.ks.gov/dwr

**From:** Frank Young [mailto:frank@agengineering.com]

**Sent:** Thursday, May 22, 2014 10:03 AM

To: Hunninghake, Kimberly

Subject: I-5

Kim: Whatever happened to I-5? Did we get a permit and I didn't hear? Sometimes the info goes to the Board Prez and I don't get it here.

L. Frank Young P.E.

Senior Engineer

Agricultural Engineering Associates

Jason S. Luginbill, Chief

**Ecological Services Section, KDWPT** 

1020 S Kansas Ave., Suite 200

Topeka, KS 66612-1327

Office: 785-296-6026

Cell: 620-450-8311

Jason S. Luginbill, Chief Ecological Services Section, KDWPT 1020 S Kansas Ave., Suite 200

#### Schemm, Doug

From:

Tietsort, Katie

Sent:

Tuesday, September 02, 2014 3:07 PM

To:

Schemm, Doug

Cc:

Rockel, Richard A.; Letourneau, Lané

Subject:

RE: 48925 Marmaton Watershed

Doug,

Yes, I agree with your recommendation for approval of the referenced application, as it does appear to meet all applicable rules and regulations of the KWAA. I appreciate your diligence in remembering to add the special condition required by David in this basin.

Katie

Katie Tietsort, Water Commissioner

Kansas Department of Agriculture Division of Water Resources, Topeka Field Office 6531 SE Forbes Ave., Suite B Topeka, KS 66619 (785) 296-5733 FAX (785) 862-2460

Katie.Tietsort@kda.ks.gov http://agriculture.ks.gov/

From: Schemm, Doug

Sent: Thursday, August 28, 2014 6:55 AM

To: Tietsort, Katie

Subject: 48925 Marmaton Watershed



Topeka Field Office 6531 SE Forbes Ave., Suite B Topeka, Kansas 66619

Jackie McClaskey, Secretary David W. Barfield, Chief Engineer Katherine A. Tietsort, Water Commissioner Phone: (785) 296-5733 Fax: (785) 862-2460 www.agriculture.ks.gov

Sam Brownback, Governor

August 14, 2014

JOHN F GIBSON III 400 S PECAN ST DERMOTT AR 71638

Re:

Pending Application, File No. 48,925

Marmaton Watershed Site I-5

Dear Sir or Madam:

This is to advise you that Marmaton Watershed Joint District #102 has filed the application referred to above for a permit to appropriate 8.8 acre-feet of surface water per calendar year for sediment control use to be stored in a proposed reservoir to be located on Hinton Creek Trib 4 (Marmaton), created by a dam located as follows:

in the Southeast Quarter of the Northeast Quarter of the Southeast Quarter (SE¼ NE¼ SE¼) of Section 30, Township 26 South, Range 22 East, Bourbon County, Kansas.

A map is enclosed for your reference. Records in this office indicate that you own land along the stream in this vicinity and you are being notified of receipt of this application in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office within 15 days from the date of this letter. You may also contact me at (785) 296-3495 with any questions or comments.

Sincerely,

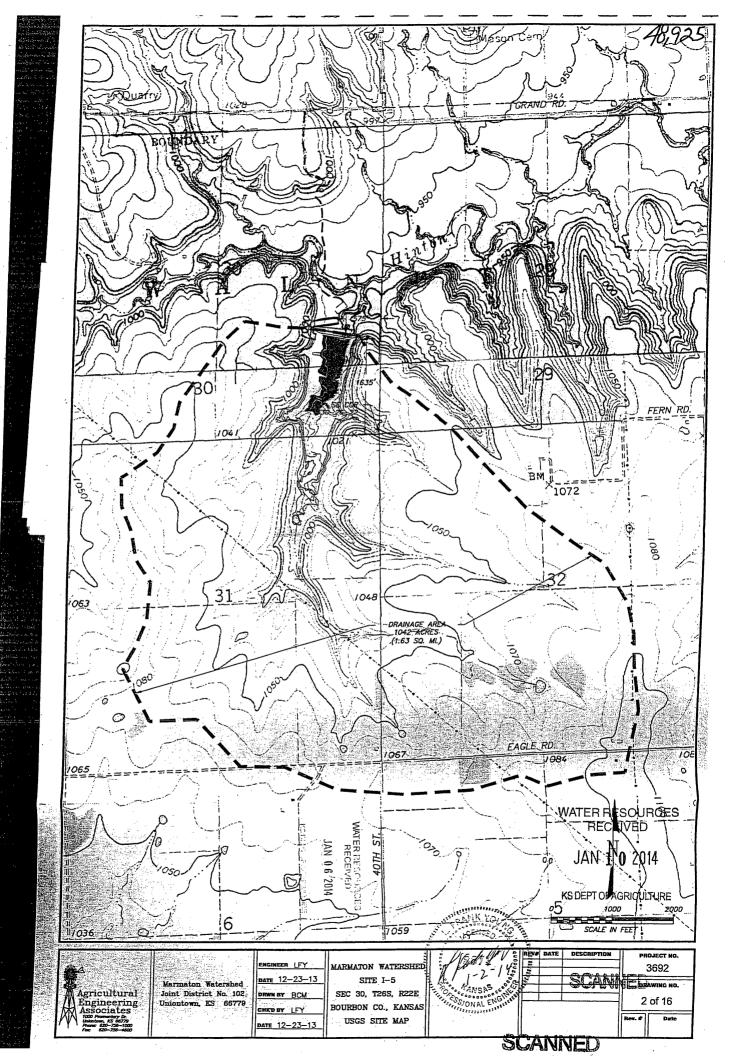
Doug Schemm

Environmental Scientist

Topeka Field Office

Enclosure

pc: Marmaton Watershed Joint District No. 102





Topeka Field Office 6531 SE Forbes Ave., Suite B Topeka, Kansas 66619

Jackie McClaskey, Secretary David W. Barfield, Chief Engineer Katherine A. Tietsort, Water Commissioner Phone: (785) 296-5733 Fax: (785) 862-2460 www.agriculture.ks.gov

Sam Brownback, Governor

August 14, 2014

JOE K & ANN E LUDLUM 649 GRAND RD UNIONTOWN KS 66779

Re:

Pending Application, File No. 48,925

Marmaton Watershed Site I-5

Dear Sir or Madam:

This is to advise you that Marmaton Watershed Joint District #102 has filed the application referred to above for a permit to appropriate 8.8 acre-feet of surface water per calendar year for sediment control use to be stored in a proposed reservoir to be located on Hinton Creek Trib 4 (Marmaton), created by a dam located as follows:

in the Southeast Quarter of the Northeast Quarter of the Southeast Quarter (SE<sup>1</sup>/<sub>4</sub> NE<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub>) of Section 30, Township 26 South, Range 22 East, Bourbon County, Kansas.

A map is enclosed for your reference. Records in this office indicate that you own land along the stream in this vicinity and you are being notified of receipt of this application in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office within 15 days from the date of this letter. You may also contact me at (785) 296-3495 with any questions or comments.

Sincerely,

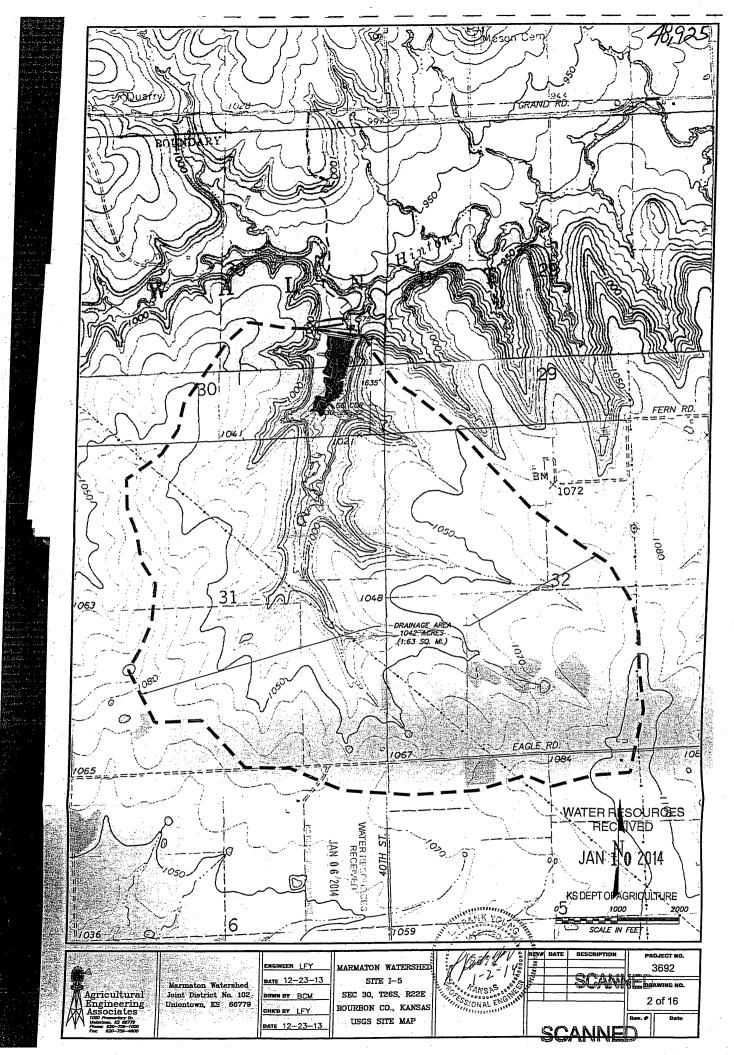
Doug Schemm

Environmental Scientist

Topeka Field Office

Enclosure

pc: Marmaton Watershed Joint District No. 102



# Real Estate Information



This database was last updated on 8/27/2014 at 10:38 PM

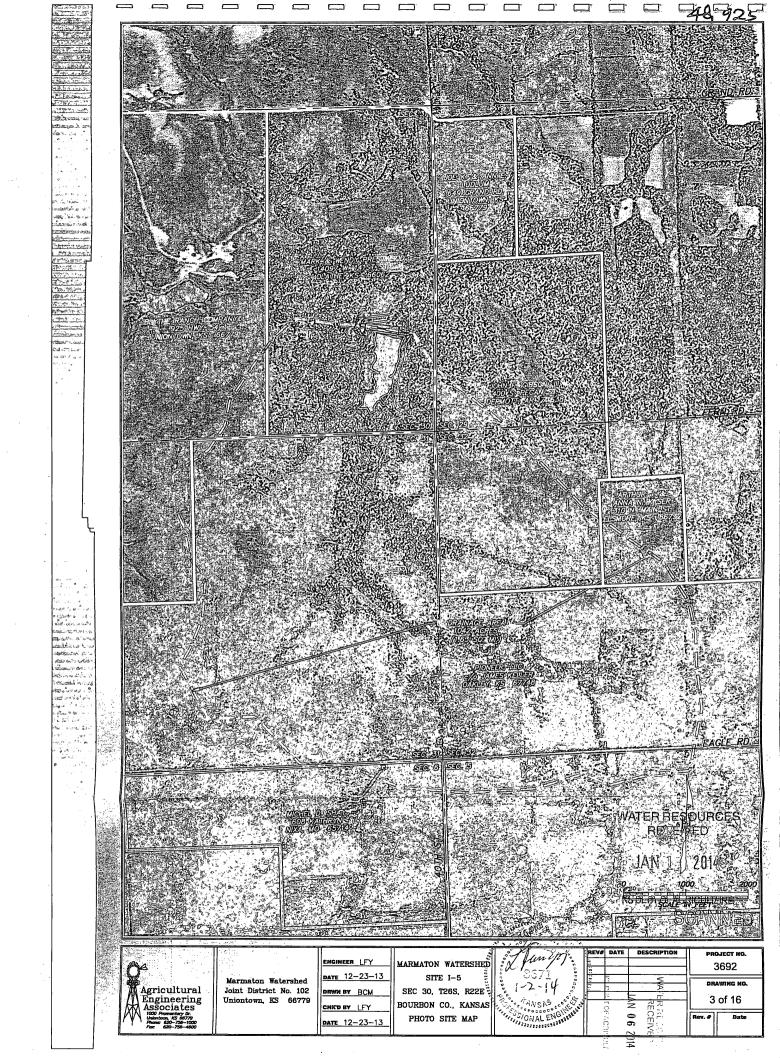
Return to County Website | Log Out New Search

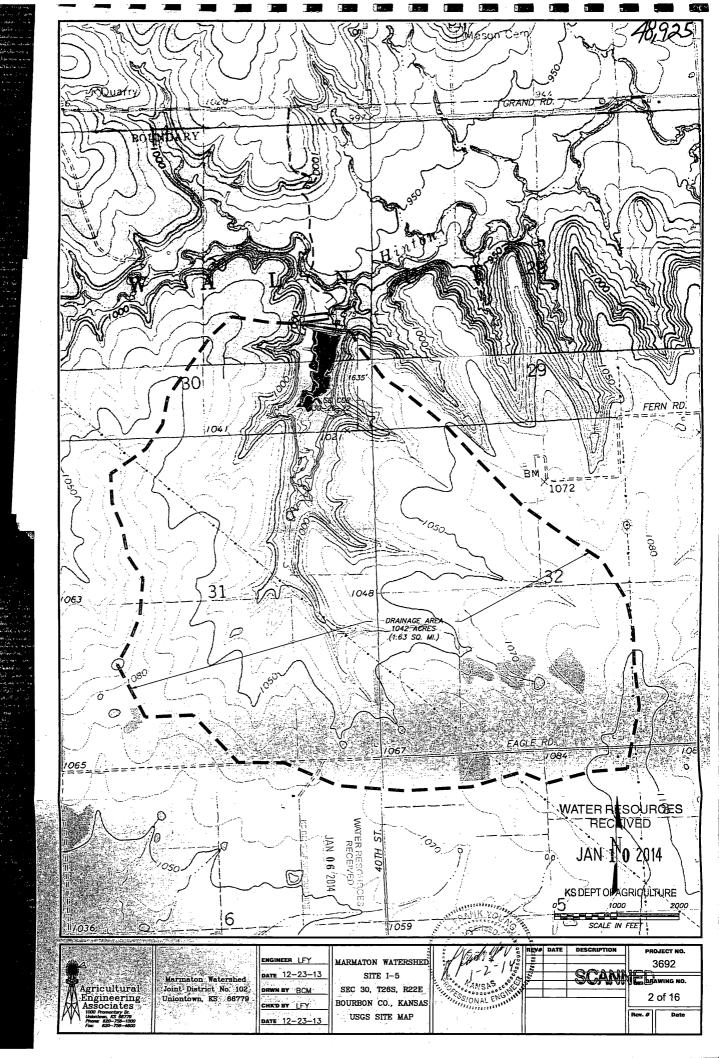
### **Parcel Search Results**

To view the details of a parcel, click the Property # in the upper left corner of each record.

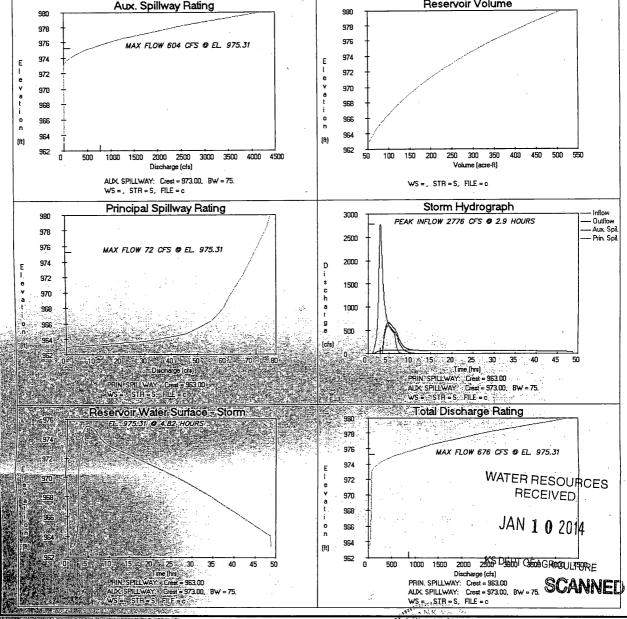
	t Owner	Legal	A mark	Appraised	<b>H</b> prosin
tem (s)	Information	Description	6.25.25	Entities	
	006-179-30-0-00-00- 003.00-0 BLYTHE RANCH COMPANY Property Address: 352 Grand Rd Uniontown, KS 66779	S30 , T26 , R22 , ACRES 297.8 , W 1/2 OF SEC 30 LESS R/W	Farm Homesite - F	Land: Building: Total:	\$1,960 \$19,290 \$21,250
	006-179-30-0-00-00- 003.00-0 BLYTHE RANCH COMPANY Property Address: 352 Grand Rd Uniontown, KS 66779	S30 , T26 , R22 , ACRES 297.8 , W 1/2 OF SEC 30 LESS R/W	Agricultural Use - A	Land: Building: Total:	\$9,950 \$14,430 \$24,380
,	006-179-30-0-00-00- 001.00-0 Prestwood, Mark & Wendy Property Address: Uniontown, KS 66779	S30, T26, R22, ACRES 321.4, E 1/2 FRAC SEC LESS R/W	Agricultural Use - A	Land: Building: Total:	\$18,070 \$00 \$18,070

© 2011 Bourbon County, Kansas Version: 2.0.0.36 : 08/27/2014

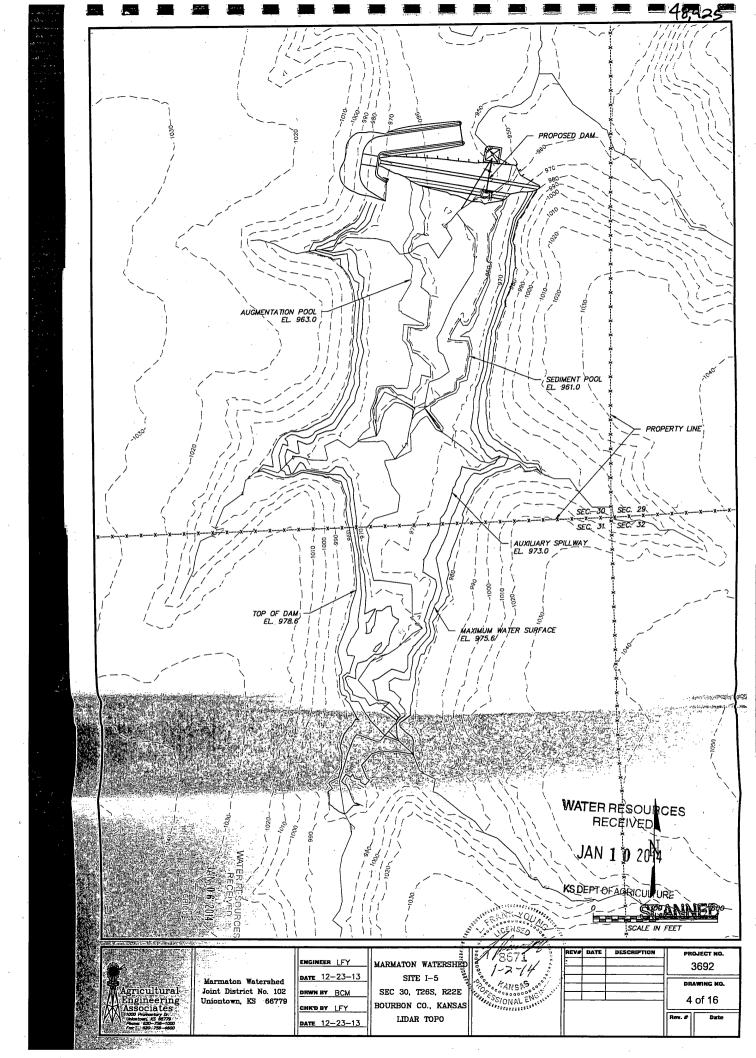




Marmaton Watershed Site I-5 Stage Storage Table 6-10-13 Cumulative Area Incremental Incremental Remarks (sq.ft) (ac) Volume (cu.ft) Volume (ac-ft) Volume(ac-ft) Depth Elevation 1 945 952 44 67 2.619.264 60.13 34 980 448.92 Top of Dam 24.53 1,795,853 41.23 32.6 978.6 1,068,646 76.97 424.38 32 978 1,766,300 40.55 3.352.969 347.41 624,008 14.33 30 976 1,586,669 36.42 333.09 Maximum Flow Depth 29.6 975.6 1,533,371 35.20 2,353,223 54.02 31 24 279.06 974 1,408,158 32.33 1,360,819 28 Emergency Spillway 1,313,479 30.15 29.07 247.82 973 1,266,376 27 50.96 218.75 972 1,219,273 27.99 2,219,783 26 24 970 1,000,510 22.97 1,823,931 41.87 167,79 968 823,421 18.90 1,511,214 34.69 125.92 22 28.28 91.23 1,232,092 20 966 687,793 | 15.79 11.61 62.94 505,709 544.299 12.50 964 18 51.33 Augmentation Pool 9.87 17 963 467.119 10.72 430.081 8.32 41.46 16 962 393.042 9.02 362,279 33.14 Sediment Pool 307,206 7.05 15 961 331,516 7.61 26.09 14 960 282,896 6.49 479,978 11 02 15.07 12 958 197,082 4.52 324,730 7 45 10 127,648 2.93 189,127 4.34 7.62 61,479 3.28 954 1.41 93,236 2.14 952 31,757 0.73 40,286 0.92 1.14 950 8,529 0.20 8,845 0.20 0.21 948 0.01 316 0.01 0.01 946 0 0.00 0.00 0 Reservoir Volume Aux. Spillway Rating 980 978 976 MAX FLOW 604 CFS @ EL. 975.31 974 972 970 968 966 n 964 (ft) 150 200 250 300 350 1000 1500 2000 2500 3000 3500 4000 4500 Discharge (cfs) Volume (acre-ft) WS = , STR = S, FILE = c



	er,		2 2011 160	REV#	DATE	DESCRIPTION	PROJECT	NO.
	ENGINEER LFY	MARMATON WATERSHED	* * * * / //// / / /	•	3		3692	: 1
Marmaton Watershed	DATE 12-23-13	SITE I-5	8671	9 0	÷ 0	\$	DRAWING	
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	DRWN BY BCM	STAGE STORAGE TABLE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9	តី Mil	- <del> </del>	<del>{</del>	- 1
Lingineering Uniontown KS 66779	CHK'D BY LFY	and	E TOO TOOMS		<del>: 공1</del>	<del>- Z                                   </del>	8 of 1	6
1000 Promontary Dr.		FLOW CHARTS	10 C		8	- <b>6</b> (90)	Rev. # D	ate
Phone: 620-756-1000 Fax: 620-756-4600	DATE 12-23-13		PARTON AL CITAL	ſ	걸	20	ll li	- 1



HYDROLOGIC DATA

DRAINAGE AREA: 1040 AC (1.62 S0 MI)

MAXIMUM FLOW LENGTH: 11418 FT (2.17 MILES)

MAXIMUM ELEVATION DIFFERENCE: 154 FT

TIME OF CONCENTRATION: 0.91 HRS

SOIL COVER COMPLEY: AMC III - 78, AMC III - 90

PEAK INFLOW: 2776 CFS AT 2.90 HRS (NRCS 6 HR, 100 YR STORM)

SEDIMENT STORAGE

ACCUMULATION TIME: 50 YR

40 AC CROPLAND AT 1.30 AC FT/SQ MI/YR: 4.2 AC FT

1000 AC GRASSLAND AT 0.35 AC FT/SQ MI/YR: 27 AC FT

TOTAL SEDIMENT POOL REQUIRED: 31.5 AC FT

TRAP EFFICIENCY: 97%.

TOTAL STORAGE REQUIRED: 30.55 AC FT

SEDIMENT YIELD DEPTH: .35 IN (SEDIMENT VOLUME/DRAINAGE AREA)

FLOW AUGMENTATION STORAGE

STORAGE AT SEDIMENT POOL EL 961.0: 33.8 AC FT STORAGE AT PRIMARY SPILLWAY EL 963.0: 52.3 AC FT AUGMENTATION STORAGE: 18.5 AC FT DISCHARCE RATE: 100 GPM TIME TO DRAIN AUGMENTATION POOL: 42 DAYS

**DETENTION STORAGE** 

PRECIPITATION: 4.8 IN (25 YR, 6 HR STORM)
TOTAL RUNOFF: 2.60 IN (AMC II)
STORAGE AT AUXILIARY SPILLWAY EL 973.0: 249.1 AC FT
FLOOD ROUTED DETENTION VOLUME: 196.8 AC FT; 2.27 IN

AUXILIARY SPILLWAY DESIGN

PRECIPITATION: 6.0 IN (100 PR, 6 HR STORM)
RUNOFF: 4.8 IN (AMC III)
CONTROL SECTION WIDTH: 75 FT
CONTROL SECTION LENGTH: 50 FT
CONTROL SECTION LENGTH: 50 FT
CONTROL SECTION LEVATION: 973.0
MAXIMUM WATER ELEVATION: 975.3
PEAK OUTFLOW: 604 CFS AT 4.82 HRS
PROBABILITY OF USE: 4%

STRUCTURAL DESIGN

STRUCTURAL CLASS: 3A
LENGTH: 941 FT, INCLUDES A.S. W/ 3:1 SIDE SLOPES
MAXIMUM HIGIGH: 324 FT
TOP WOTH: 14 FT
FRONT SLOPE: 3:1
BEACH SLOPE: 10:1 EL 971.5 TO EL 974.5
BACK SLOPE: 25:1
TOP OF DAM EL: 978.6

ESTIMATED EARTHWORK QUANTITIES

AUXILIARY SPILLWAY EXCAVATION: 11562 CU YD CUT, 2396 CU YD FILL AUXILIARY SPILLWAY EXCAVATION: 11562 CU YD AUXILIARY SPILLWAY TOP SOIL: 1500 CU YD AUXILIARY SPILLWAY TOP SOIL: 1500 CU YD EARTHFILL ABOVE CORE TRENCH: 41174 CU YD CORE TRENCH BACKFILL: 10076 CU YD PLUNGE POOL EXCAVATION: 530 CU YD CHANNEL FILL: 46 CU YD

PRIMARY SPILLWAY PIPE

TOTAL IN-PLACE LENGTH: ±157 FT
DIAMETER: 24 IN
MAXIMUM FILL OVER PIPE 21.6 FT
TYPE: SUR 26, 1120 PVC
INLET TYPE: MODIFIED CANOPY INLET
MAXIMUM OUTFLOW: 68.5 CFS AT ES LELVATION
AVERAGE OUTFLOW: 48.0 CFS (70% OF MAXIMUM OUTFLOW)
DETENTION VOLUME DRAIN TIME: 21 DAYS AT AVERAGE OUTFLOW

DRAWDOWN PIPE

URANDUNN FILE

LENGTH: 4277 FT

DIAMETER: 10 IN

MAXIMUM FILL OVER PIPE: 32.3 FT

PIPE TYPE: DR 18 PVC

INLET TYPE: PERFORATED DUCTILE IRON

DRAWDOWN VALVE: 10 IN "KENNEDY AWWA", OR EQUIVALENT

IRON BODY BRONZE MOUNTED PARALLEL

SEAT TYPE VALVE WITH 2 IN SQUARE OPENING NUT

TIME TO DRAIN 33.8 AC FT SEDIMENT POOL: 4.2 DAYS

CHIMNEY DRAIN PIPE

DRAIN PIPE LENGTH: 14 FT PRIMARY, 6 FT DRAWDOWN

DIAMETER: 4. IN

TYPE: SCH. 80: PVC PERFORATED PIPE: OR PVC WELL CASING

OUTLET: PIPE LENGTH: 1-60 FT; PRIMARY, 22 FT. DRAWDOWN

OUTLET: PIPE ADMETER: 4 IN:

OUTLET: PIPE TIPE: SCH. 80: PVC

MAXIMUM FILL OVER PIPE: 21 FT PRIMARY, 18 FT DRAWDOWN

CHIMNEY DRAIN FILTER MATERIAL

MIXED FINE AGGREGATE WITH PARTICLE SIZE LIMITS AS PER ASTM C-33 ±25 CU YD (±43 TONS) PRIMARY (SEE GRADATION TABLE, PG 10) ±3 CU YD (±5.5 TONS) DRAWDOWN

STREAM FLOW AUGMENTATION PIPE

LENGTH: ±6 FT
DIAMETER: 4 IN
TYPE: SCH 40 PVC PIPE
INLET PIPE LENGTH: 14.5 FT
INLET PIPE DIAMETER: 4 IN
INLET PIPE TYPE: DUCTILE IRON WITH 4 FT
PERFORATED END

VALVES
SIZE & TYPE: 4 IN GATE VALVE BODY WITH
MODIFIED 2 INCH ORIFICE ASSEMBLY
& 4 IN BUTTERFLY VALVE

VALVE ACCESS MANHOLE: 48 IN 16 ga CMP MANHOLE, 4 FT HIGH WITH STEEL LID & ACCESS PANEL AND 4 IN THICK CONCRETE BASE

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DRAWING NO.

7 of 16

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Marmaton Watershed Joint District No. 102 Uniontown, KS 66779

RECENT

ENGINEER LFY
DATE 12-23-13
DRWN BY BCM
CHKTO BY LFY
DATE 12-23-13

MARMATON WATERSHED SEC 30, T26S, R22E BOURBON CO., KANSAS DESIGN DATA

REV#	DATE	DESCRIPTION	
			31
			<u>الـــا</u>
<u> </u>		•	1
			41
<u> </u>			-ll



State of Kansas, Bourbon County SS Lors Holdridge Register of Deeds Book: 403 Page: 176-178

Receipt #: 25332 Pages Recorded: 3 Recording Fee: \$16,00.

Date Recorded: 7/11/2013 11:31:41 AM

### **COVER SHEET**

TITLE OF DOCUMENT: EASEMENT

DATE OF DOCUMENT: JUNE 29, 2013

GRANTOR/MORTGAGOR: MARK AND WENDY PRESTWOOD

GRANTEE/MORTGAGEE: MARMATON JOINT WATERSHED NO. 102

LEGAL DESCRIPTION:

SE ¼ SECTION 30, TOWNSHIP 26 SOUTH, RANGE 22 EAST

REFERENCE BOOK AND PAGE:

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## EASEMENT

For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged,  Mark Prestwood and Wendy Prestwood, joint tenants with the right of survivorship
of 14097 W. 141 <sup>st</sup> Street, Olathe, KS 66062 , Grantor,
(Address) does hereby grant, bargain, sell, convey and release unto Marmaton Joint Watershed District No. 102
of, Grantee,
its successors and assigns, an easement in, over and upon the following land situated in the County of
Bourbon , State of Kansas , to wit:
Land in the Southeast Quarter of Section 30, Township 26 South, Range 22 East occupied by the dam and emergency spillway structure and the impoundment area upstream of the dam measuring to the constructed top of dam elevation, estimated at 978.6 feet above mean Sea Level or as shown on plans on file with the Division of Water Resources, Kansas Department of Agriculture.
for the purposes of:
Construction and maintenance of floodwater retarding structure Site I-5. Temporary and permanent impoundment of floodwaters associated with flood protection works of improvement designated as Site I-5. Also, the flowage of any water into, over, and upon and through said structure.  1. In the event construction on the above described works of improvement is not commenced within 10 years from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantors, their heirs and assigns.  2. This easement includes the right of access for maintenance, as necessary, for the above described land of the Grantors.  3. There is reserved to the Grantors, their heirs and assigns, the right and privilege to use the above described land
of the Grantors at any time, in any manner, and for any purposes not inconsistent with the full use and enjoyment by the Grantee, its successors and assigns, of the rights and privileges herein granted, included those listed below.  4. The Grantee is responsible for operating and maintaining the above described works of improvement.  5. Special provisions: No permanent structures shall be constructed in the area upstream of the dam below the WATER RESOURCE elevation of the top of the dam without written permission of Marmaton Watershed Joint District #107 No RECEIVED structure, including human dwellings, shall be constructed on the Grantor's land located below the described in the breach inundation zone without the written permission of the Board of Directors of the Marmaton Watershed JAN 1 0 2014
Joint District #102.  KS DEPT OF AGRICULTU  WAT HOUSE

TO HAVE AND TO HOLD the aforesaid easement in, over, and upon the above described land of the Grantors, with all the rights, privileges and appurtenances thereto belonging or in anywise appertaining, unto the Grantee, its successors and assigns, forever.

IN WITNESS HEREOF the grantors have executed this instrument on this  $\frac{29}{100}$  day of  $\frac{100}{100}$  2013

(Mark Prestwood)

y Wordy Brostwood)

(Wendy Prestwood)

(SEAL)

#### **ACKNOWLEDGEMENT**

STATE OF KANSAS

SS

COUNTY OF Bouchon

Before me, the undersigned, a Notary Public in and for said County and State, on this <u>29</u> Day of <u>Julius</u>, 2013, personally appeared <u>Mark Prestwood and Wendy Prestwood</u>, to me known to be the identical persons who executed the within and foregoing instrument and acknowledged to me <u>that</u> they executed the same as themselves, free and voluntary in act and deed, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereto set my hand and official seal, the date and year last herein above written.

Notary Public

My Commission Expires: 1215/16

NOTARY PUBLIC - State of Kansas

KARA R NIEMEIR

My Appt Exp. 12/5/1/6

AF 0 6 2014

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State of Kanese, Bourbon County SS Lore Holdridge Register of Deeds Book: 403 Page: 666-667

Receipt #: 25449 Pages Recorded: 2 Recording Fee: \$12.00

Date Recorded: 8/1/2013 9:44:04 AM

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EASEMENT
For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged,  Pioneer, LLC
of 803 East 7 <sup>th</sup> , Oakley, Kansas 67748 , Grantor,
(Address) does hereby grant, bargain, sell, convey and release unto Marmaton Watershed Joint District
No. 102, Bourbon County, Kansas, Grantee, its successors and assigns, an easement in,
over and upon the following described land situated in the County of Bourbon,
State of Kansas, to-wit:
The Northeast Quarter of Section 31, Township 26 South, Range 22 East, of the 6 <sup>th</sup> P.M., Bourbon County, Kansas, EXCEPT the following described tract: Beginning at the Northeast corner of said NE ¼, thence South 5.75 chains on section line, thence West 6.42 chains to break of hill, thence North 27 degrees West 6.45 chains to North line of section, thence RECEIVED to the place of beginning.
for the purposes of :  KS DEPT OF AGRICULTURE  KS DEPT OF AGRICULTURE
improvement designated as Site I-5, to the top of dam elevation of approximately 978.6 above MSL, effecting 10.4 acres, more or less. Also flowage of any water into, over, upon, and through said structure.
1. In the event construction on the above described works of improvement is not commenced within _10
Years from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantor, his heirs and assigns.
2. This easement includes the right of access for maintenance as necessary for above described language the
Grantor.  3. There is reserved to the Grantor, his heirs and assigns, the right and privilege to use the above described land of the Grantor at any time, in any manner and for any purposes not inconsistent with the full use and enjoyment by The Grantee, its successors and assigns, of the rights and privileges herein granted.
4. The Grantee is responsible for operating and maintaining the above described work of improvement.  5. Special provisions: No permanent structures shall be constructed in the area unstream of the dam, below the deviation of the

(Continued on Reverse)

top of the dam without written permission of Marmaton Watershed Joint District #102.

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DESIGN REPORT

Marmaton Watershed Joint District No. 102

Site I-5

October 1, 2013

2000 Jan M

## 1.0 Summary and General Plan Inclusion

Site I-5 is located in the Southeast Quarter of Section 30, Township 26 South, Range 22 East, approximately 6 miles south and 4 miles west of Uniontown, Kansas. The site is listed in the Marmaton Watershed General Plan Amendment #5 dated March, 2011 and conforms to the location listed in that amendment. The overall size of the structure is similar to the size shown in the General Plan Amendment. However, due to more accurate survey data, landowner cooperation, and site geology, the detailed design aspects of the structure differ somewhat from that shown in the General Plan Amendment.

Additional storage has been added to the permanent pool in the form of "streamflow augmentation storage". The drainage area of this structure is 1.63 square miles (1042 ac., 1018 ac. in the General Plan Amendment #5). Proposed height is 34.2 feet compared to 36.8 feet shown in the General Plan Amendment #5. Sediment storage is 33.8 acre feet compared to 31.1 acre feet as shown in General Plan Amendment #5. Streamflow augmentation storage is 18.2 acre feet making total storage below the principal spillway 51.3 acre feet. Detention storage is 196.5 ac.ft. instead of the 271.5 ac.ft. as shown in the General Plan Amendment #5. Differences are due to more detailed analysis of soil types and land usage which directly affects runoff quantities. Additionally, calculated flood storage considers the routing of primary spillway flows using the SITES computer model which also affects the amount of flood storage needed.

#### 2.0 Dam Size & Hazard Classification:

The hazard classification was determined to be low hazard, Class A, due to the remote nature of the site and no improvements located below the site, including no county roads or houses located between the dam site and the tributary's confluence with Hinton Creek, approximately 800 feet north of the site.

The size category was calculated using an effective height of 28.6 feet (973 – 944.4) white Expression an effective storage of 247.8 acre feet for a size factor of 7087 making the structure a Size Class 3. (KAR 5-40-21 (a))

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### 3.0 Geotechnical Investigation:

The geotechnical report, as shown in Section 8 of the Permit Application, shows a gray shale substrata in the lower portion of the valley with a weathered shale/ brown clay subsoil above it with some layers showing mixed limestone floaters. Topsoil, from 1 to 3 feet, exists over the brown clay and weathered shale subsoils. The projected depths for the core trench are shown on the plans but will be subject to conditions encountered

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January 9, 2014

Brent Turney KDWR, Water Structures Program 109 SW 9<sup>th</sup> Street, 2<sup>nd</sup> Floor Topeka, Kansas 66612-1283

Re:

Construction Permit Application

Marmaton Watershed Site I-5

Dear Brett:

Enclosed please the original signed application and a check for \$200 for Site I-5 (DBB-0154). Please advise if anything else is needed to proceed with the review

If you have any questions, or need more information concerning this application please give me a call.

Sincerely,

Frank Young P.E. Contracting Officer Marmaton WSJD #102

**Enclosures** 

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109 SW 9th Street, 2nd Floor Topeka, Kansas 66612-1283

Jackie McClaskey, Acting Secretary David W. Barfield, Chief Engineer phone: (785) 296-3717 fax: (785) 296-1176 http://agriculture.ks.gov/dwr

Sam Brownback, Governor

January 10, 2014

MARMATON WATERSHED DISTRICT PO BOX 4 UNIONTOWN KS 66779

> RE: Application File No. 48,925

Dear Sir or Madam:

Your application for permit to appropriate water in 30-26S-22E, in Bourbon County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact our office. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely, Douglas W. Schemm

Douglas W. Schemm

New Application Unit Supervisor Water Appropriation Program

DWS: al

pc:

Topeka Field Office



## **NEW STREAM WORKSHEET**

ES <u>AGL</u> Date: <u>I-/</u>	<u>9-1</u> 4
File No	
Basin Name: Mannaton Basin No. / Stream Name: Huton creek trib 4 Commaton	1
Stream location (confluence with parent stream):  Section, Township South, Range (East)	
Map Color Coding: Basin Stream – Blue Named Main Stream off Basin Stream – Yellow Named Stream off Main Stream – Green  Unnamed Trib (1, 2, 3, 4, etc.) – Pink (1) Unnamed Trib to Unnamed Trib (A, B, C, etc.) – Orange Unnamed Trib to Unnamed Trib to Unnamed Trib (1, 2, 3, etc.) – Purple	
Stream No. <u>3 7 5 2</u> (computer assigned - entered by data entry staff)  Date Entered <u>1/14/2014</u> By <u>ムレM</u>	)

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