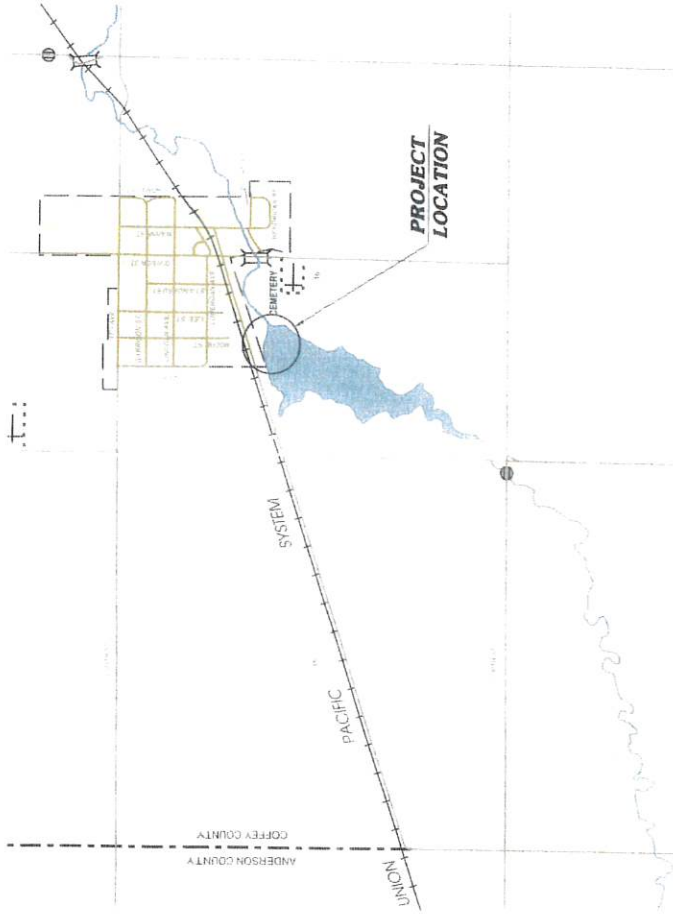


2012 WESTPHALIA DAM MODIFICATIONS ANDERSON COUNTY KANSAS



INDEX OF SHEETS

- 1 TITLE SHEET
- 2 PROJECT INFORMATION
- 3 SITE PLAN AND PROFILE
- 4 CHANNEL TYPICAL SECTION AND PROFILE
- 5-7 CROSS SECTIONS
- 8 STORM WATER POLLUTION PREVENTION PLAN
- 9 PERMANENT SEEDING

WATER RESOURCES
RECEIVED

JUN 18 2013

KS DEPT OF AGRICULTURE

General Notes

- 1 Owner shall provide inspection services.
- 2 Construction shall notify Owner and Engineer prior to starting construction.

LEGEND

- EXISTING CONTOUR
- EXISTING FENCE
- EXISTING STORM SEWER PIPE
- EXISTING SANITARY SEWER PIPE
- EXISTING WATER LINE
- EXISTING UNDERGROUND TELEPHONE LINE
- EXISTING GAS LINE
- EXISTING FIBER OPTIC
- EXISTING TREE
- EXISTING SPRINKLER HEAD
- EXISTING YARD LIGHT
- EXISTING FLOOD LIGHT
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING GUY ANCHOR
- EXISTING TELEPHONE RECTANGULAR
- EXISTING SIGN
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING GAS METER
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM WATER MANHOLE
- EXISTING GRATED INLET
- BENCHMARK



CONSOLIDATED RURAL WATER DISTRICT NO. 1
ANDERSON COUNTY, KANSAS
2012 WESTPHALIA DAM MODIFICATIONS

TITLE SHEET

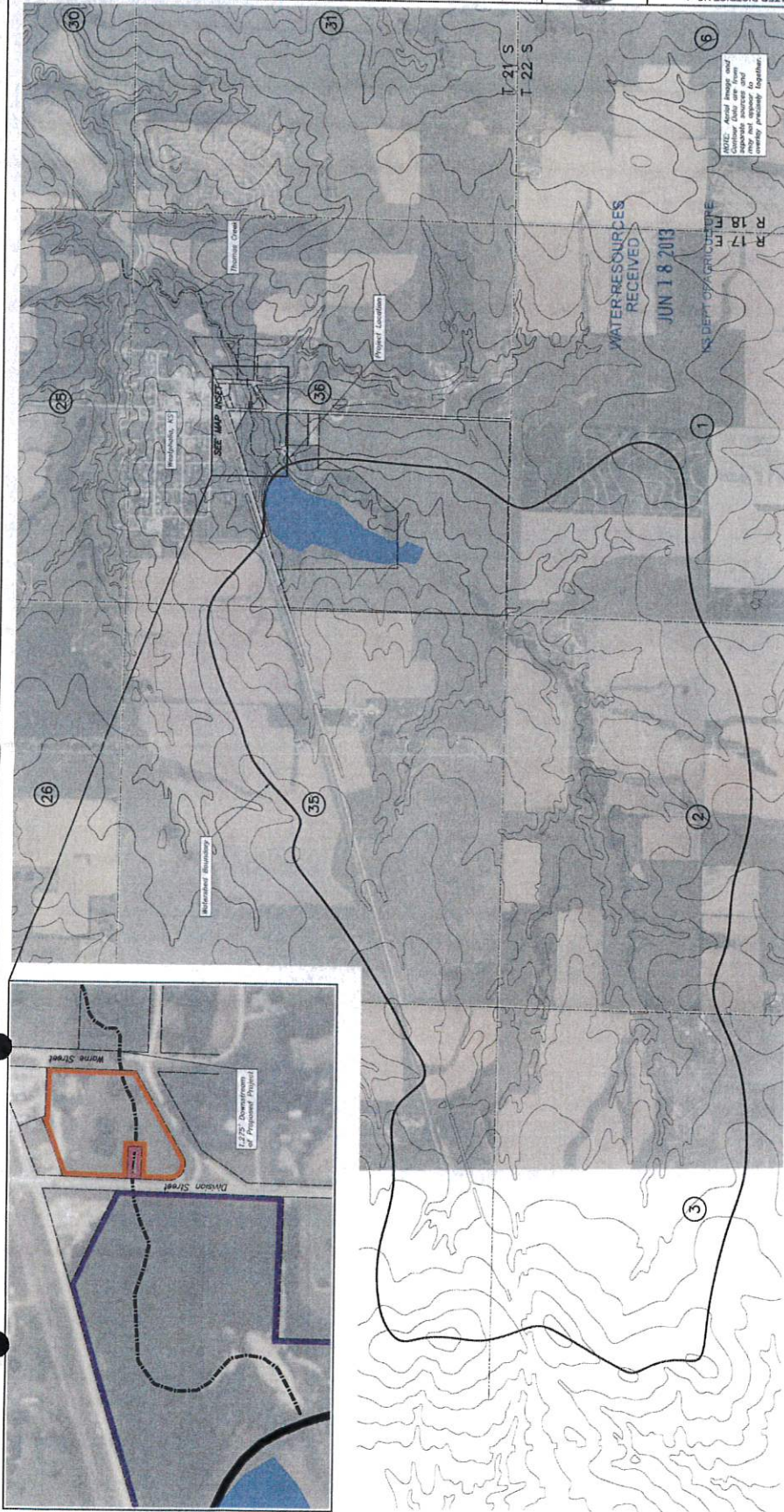
Engineer	JPH
Checker	CM
Check Date	9-6-2012
Project No.	12-168BL
Sheet No.	1
Total Sheets	9





CONSOLIDATED RURAL WATER DISTRICT NO. 1
ANDERSON COUNTY, KANSAS
2012 WESTPHALIA DAM MODIFICATIONS

Engineer:	JPH
Drafter:	CM
Check:	JPH
Date:	9-6-2012
Project No. 12-1068L	
Part No.	Total Shs.
2	9



NOTE: Aerial image and Contour Data are from separate sources and may not appear to overlay precisely together.

SCALE: 1" = 1/8 mile

STAGE / STORAGE / DISCHARGE					
STAGE (ft.)	ELEVATION (feet)	AREA (sq. ft.)	(area-ft)	DISCHARGE (cfs) CHANNEL	RELATIONS
0.00	100.00	0.0	0.0	0	Downstream flow of Disposal Slam
0.50	100.00	0.0	0.0	0	
1.00	100.00	0.0	0.0	0	
1.50	100.00	0.0	0.0	0	
2.00	100.00	0.0	0.0	0	
2.50	100.00	0.0	0.0	0	
3.00	100.00	0.0	0.0	0	
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7.50	100.00	0.0	0.0	0	
8.00	100.00	0.0	0.0	0	
8.50	100.00	0.0	0.0	0	
9.00	100.00	0.0	0.0	0	
9.50	100.00	0.0	0.0	0	
10.00	100.00	0.0	0.0	0	
10.50	100.00	0.0	0.0	0	
11.00	100.00	0.0	0.0	0	
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99.00	100.00	0.0	0.0	0	
99.50	100.00	0.0	0.0	0	
100.00	100.00	0.0	0.0	0	
Physical flow of Effluents to Channel					
Design Slam (flow = 3.0M gpd)					
3,777					

SURVEY CONTROL				
STATION	STATION	NOTHING	FACTING	REMARKS
12+16.10	3.35' 49"	30.007243	TP #2	
12+16.10	3.35' 49"	27.794.614	TP #3	
19+653.11	4.00' 11"	23.911.2853	TP #4	
21+605.94	262.13' 11"	23.871.3448	TP #5	
22+54.94	0.72' 00"	23.658.105	TP #6	

CENTERLINE SURVEY CONTROL			
STATION	NORTHING	EASTING	REMARKS
12+00.00	30,008.807	21,507.262	BSM Contention of Stone
12+10.00	30,009.599	21,504.071	PC at Continuation of Curve, Station 12+00.00
12+20.00	30,010.391	21,500.880	PT of Curve 12+20.00 = Same Curve Data, Sheet 3
12+30.00	30,011.183	21,497.689	PC at Continuation of Curve 12+30.00 = Same Curve Data, Sheet 3
12+40.00	30,011.975	21,494.498	PT of Curve 12+40.00 = Same Curve Data, Sheet 3
12+50.00	30,012.767	21,491.307	PC at Continuation of Curve 12+50.00 = Same Curve Data, Sheet 3
12+60.00	30,013.559	21,488.116	PT of Curve 12+60.00 = Same Curve Data, Sheet 3
12+70.00	30,014.351	21,484.925	PC at Continuation of Curve 12+70.00 = Same Curve Data, Sheet 3
12+80.00	30,015.143	21,481.734	PT of Curve 12+80.00 = Same Curve Data, Sheet 3
12+90.00	30,015.935	21,478.543	PC at Continuation of Curve 12+90.00 = Same Curve Data, Sheet 3
12+00.00	30,016.727	21,475.352	BSM Contention of Stone
12+10.00	30,017.519	21,472.161	PC at Continuation of Curve 12+10.00 = Same Curve Data, Sheet 3
12+20.00	30,018.311	21,468.970	PT of Curve 12+20.00 = Same Curve Data, Sheet 3
12+30.00	30,019.103	21,465.779	PC at Continuation of Curve 12+30.00 = Same Curve Data, Sheet 3
12+40.00	30,019.895	21,462.588	PT of Curve 12+40.00 = Same Curve Data, Sheet 3
12+50.00	30,020.687	21,459.397	PC at Continuation of Curve 12+50.00 = Same Curve Data, Sheet 3
12+60.00	30,021.479	21,456.206	PT of Curve 12+60.00 = Same Curve Data, Sheet 3
12+70.00	30,022.271	21,453.015	PC at Continuation of Curve 12+70.00 = Same Curve Data, Sheet 3
12+80.00	30,023.063	21,449.824	PT of Curve 12+80.00 = Same Curve Data, Sheet 3
12+90.00	30,023.855	21,446.633	PC at Continuation of Curve 12+90.00 = Same Curve Data, Sheet 3
12+00.00	30,024.647	21,443.442	BSM Contention of Stone
12+10.00	30,025.439	21,440.251	PC at Continuation of Curve 12+10.00 = Same Curve Data, Sheet 3
12+20.00	30,026.231	21,437.060	PT of Curve 12+20.00 = Same Curve Data, Sheet 3
12+30.00	30,027.023	21,433.869	PC at Continuation of Curve 12+30.00 = Same Curve Data, Sheet 3
12+40.00	30,027.815	21,430.678	PT of Curve 12+40.00 = Same Curve Data, Sheet 3
12+50.00	30,028.607	21,427.487	PC at Continuation of Curve 12+50.00 = Same Curve Data, Sheet 3
12+60.00	30,029.399	21,424.296	PT of Curve 12+60.00 = Same Curve Data, Sheet 3
12+70.00	30,030.191	21,421.105	PC at Continuation of Curve 12+70.00 = Same Curve Data, Sheet 3
12+80.00	30,030.983	21,417.914	PT of Curve 12+80.00 = Same Curve Data, Sheet 3
12+90.00	30,031.775	21,414.723	PC at Continuation of Curve 12+90.00 = Same Curve Data, Sheet 3
12+00.00	30,032.567	21,411.532	BSM Contention of Stone
12+10.00	30,033.359	21,408.341	PC at Continuation of Curve 12+10.00 = Same Curve Data, Sheet 3
12+20.00	30,034.151	21,405.150	PT of Curve 12+20.00 = Same Curve Data, Sheet 3
12+30.00	30,034.943	21,401.959	PC at Continuation of Curve 12+30.00 = Same Curve Data, Sheet 3
12+40.00	30,035.735	21,398.768	PT of Curve 12+40.00 = Same Curve Data, Sheet 3
12+50.00	30,036.527	21,395.577	PC at Continuation of Curve 12+50.00 = Same Curve Data, Sheet 3
12+60.00	30,037.319	21,392.386	PT of Curve 12+60.00 = Same Curve Data, Sheet 3
12+70.00	30,038.111	21,389.195	PC at Continuation of Curve 12+70.00 = Same Curve Data, Sheet 3
12+80.00	30,038.903	21,385.904	PT of Curve 12+80.00 = Same Curve Data, Sheet 3
12+90.00	30,039.695	21,382.713	PC at Continuation of Curve 12+90.00 = Same Curve Data, Sheet 3
12+00.00	30,040.487	21,379.522	BSM Contention of Stone

Property #1: SPENCER, JAMES A & MARY L
1215 E. 12TH ST
Ottawa, KS 66067

Property #2: MCCHIE, KERRY JR. &
KATHY ANN D. II
PO Box 111
Meriden, KS 66053

Property #3: MCGUIRE, EDNA H. & ESTHER J. INGLES
716 Wayne Street
Meriden, KS 66053

BM #100 - Set $\square$ on Southeast corner concrete wall of South concrete box. ELEV. = 1095.06
Sta. 13+15.91, 33.25' L. N 30,122.538 E 21,889.583

LEGEND

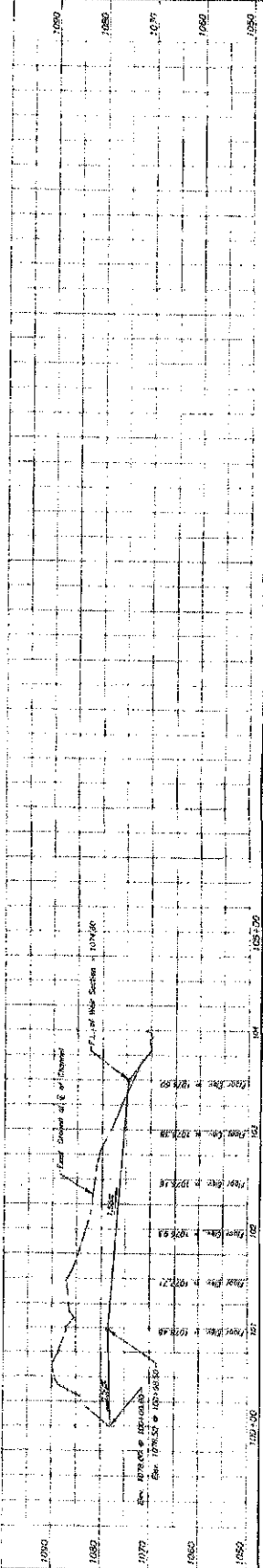
[illegible]



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CONSOLIDATED POTABLE WATER DISTRICT NO. 1
2012 WESTPHALIA DAM MODIFICATIONS
ANDERSON COUNTY, KANSAS

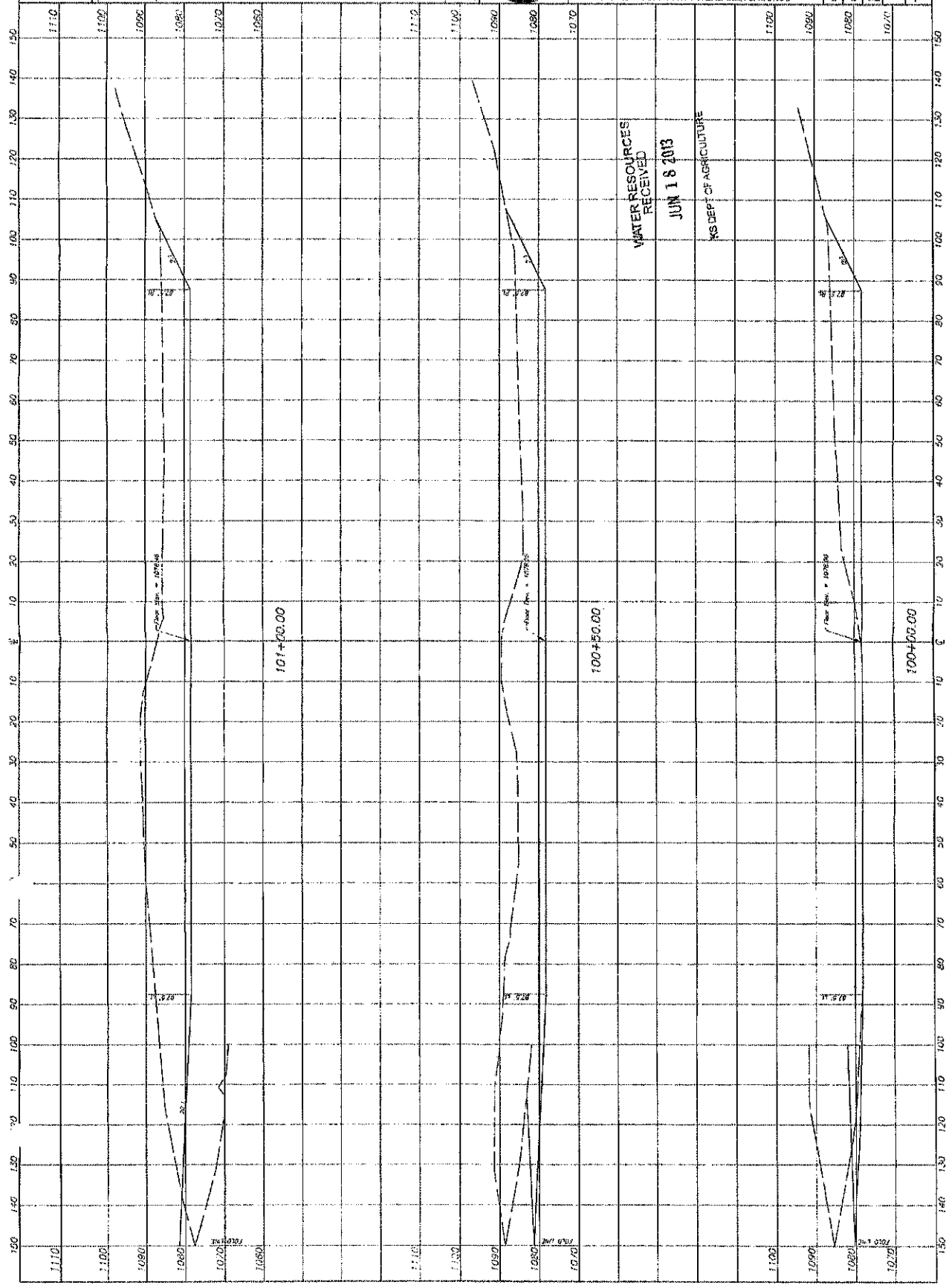
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date	year
date	9-8-2012
pages	12-10681
date	9

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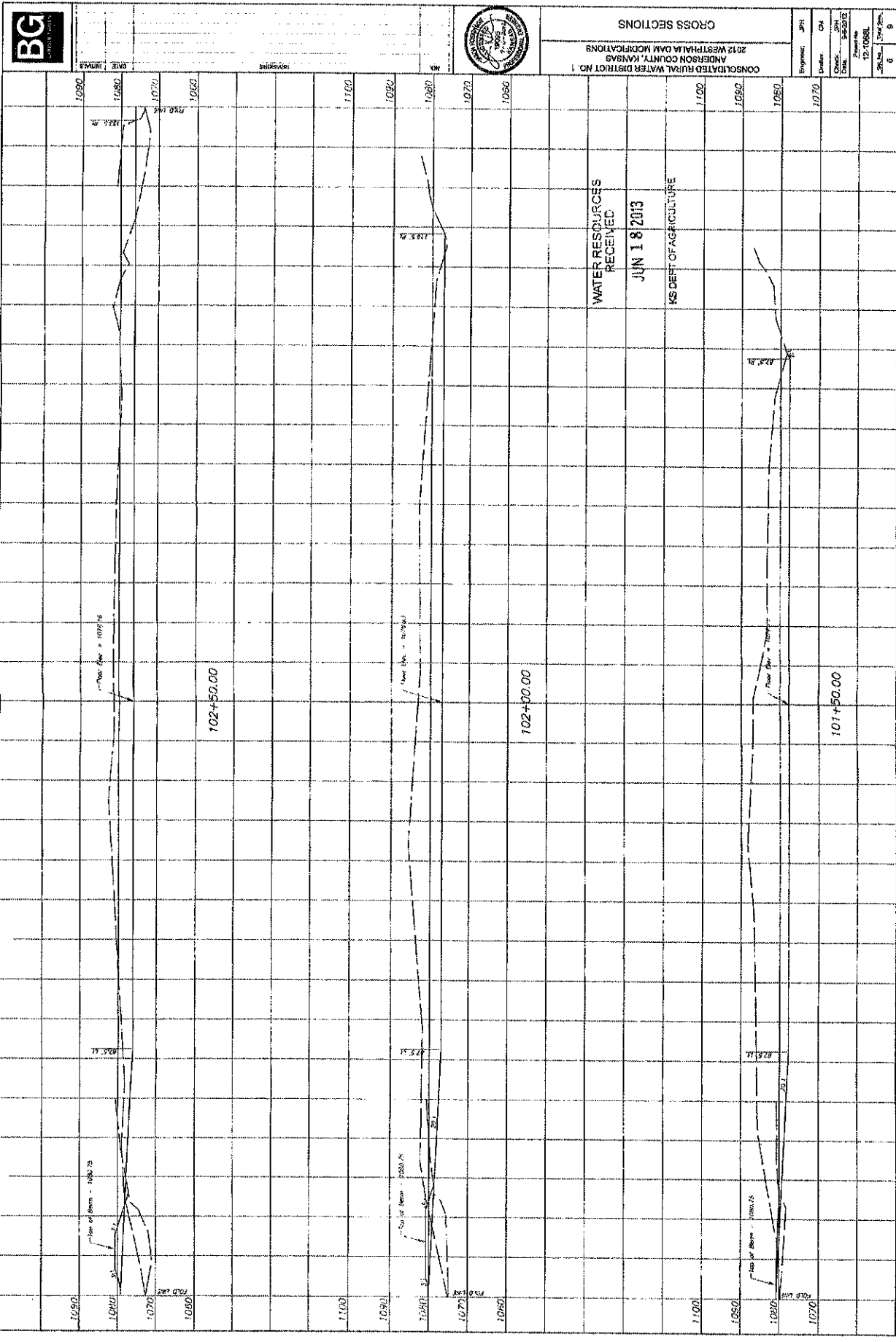


CONSOLIDATED RURAL WATER DISTRICT NO. 1
ANDERSON COUNTY, KANSAS
2012 WEST-PHILIA DAM MODIFICATIONS

Engineer: JRM
Checker: JRM
Date: 6/18/13
Project: 12-10086



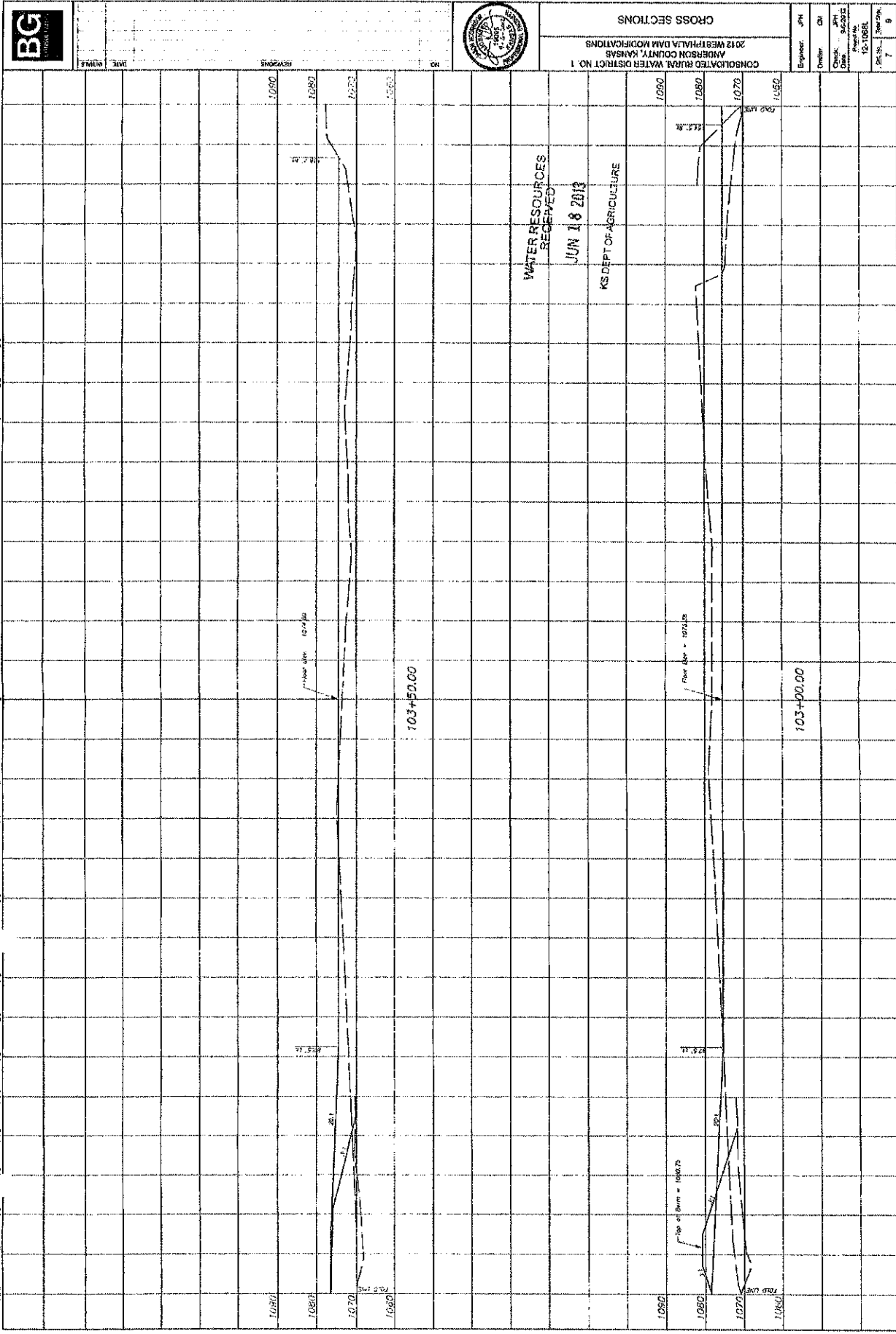
WATER RESOURCES
RECEIVED
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CONSOLIDATED RURAL WATER DISTRICT NO. 1
ADDITIONAL MODIFICATIONS
2012 WESTPHALIA COUNTY, KANSAS

WATER RESOURCES
RECEIVED
JUN 18 2013
KS DEPT OF AGRICULTURE

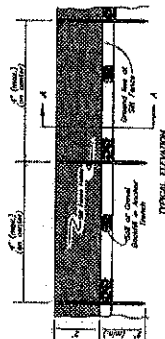
Engineer:	JPH
Checker:	CM
Drawn:	JPH
Scale:	1" = 50'
Sheet No.:	101-10000
Project No.:	101-10000
Job No.:	101-10000
Job Name:	101-10000



1. DISTURBED AREA = 41.5 ACRES
2. GENERAL ACTIVITIES TO BE PERFORMED: THE CONSTRUCTION ACTIVITIES TO TAKE PLACE ON SITE INCLUDE, BUT ARE NOT LIMITED TO SITE CLEARING AND EARTHWORK GRADING.

- [illegible]

CONTACT: Anderson County Consolidated
Rural Water District #1
attn: Dave Eastwood
9567 West 1150 Road
Mound City, KS 66058



מסמך: 11/11/11

100% In Stock

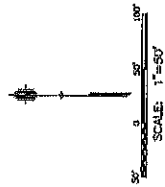
SPLIT TRACK:

1. SPARKS SHALL BE 4 FEET (MIN) LONG AND OF ONE OF THE FOLLOWING MATERIALS:

- A. ANTIMONY - $1\frac{1}{2}\% \pm$ $1\frac{1}{2}\% \pm$
- B. SOUTHERN PINE GRA. 27 - $2\frac{1}{2}\% \pm$
- C. STEEL U. S. OR C. SECTION - 1.25 MOULDING PER 1"
- D. STEEL U. S. OR C. SECTION - 1.25 MOULDING PER 1"

2. THE CONTRACTOR SHALL HAVE THE TRACKS TESTED BY AN INDEPENDENT TESTING AGENCY. THE TRACKS SHALL BE 60 INCHES LONG AND 1 1/2 INCHES WIDE. THE CONTRACTOR SHALL HAVE THE TRACKS TESTED BY AN INDEPENDENT TESTING AGENCY. THE TRACKS SHALL BE 60 INCHES LONG AND 1 1/2 INCHES WIDE. THE CONTRACTOR SHALL HAVE THE TRACKS TESTED BY AN INDEPENDENT TESTING AGENCY.

WATER RESOURCES
RECEIVED
JUN 18 2013
KS DEPT OF AGRICULTURE



CONSOLIDATED RURAL WATER DISTRICT NO. 1
ANDERSON COUNTY, KANSAS
2012 WESTPALLA DAM MODIFICATIONS

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Draftsman:	CW
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