

# NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

Submit To: CHIEF ENGINEER  
Division of Water Resources  
Kansas Department of Agriculture  
1320 Research Park Drive  
Manhattan, Kansas 66502  
http://agriculture.ks.gov/dwr

**APPLICATION FOR APPROVAL TO  
CHANGE THE PLACE OF USE, THE  
POINT OF DIVERSION OR THE USE  
MADE OF THE WATER UNDER AN  
EXISTING WATER RIGHT**



State of Kansas

**Filing Fee Must Accompany the Application**  
(Please refer to Fee Schedule on signature page of application form.)

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1. Application is hereby made for approval of the Chief Engineer to change the

- (Check one or more)
- Place of Use
  - Point of Diversion
  - Use Made of Water

WATER RESOURCES  
RECEIVED

JUL 10 2017

1:16  
KS DEPT OF AGRICULTURE

File No. WL-03 and ~~WL-11~~

2. Name of applicant: City of Neodesha: Ed Truelove, City Administrator

Address: 1407 N. 8th, P.O. Box 336

City, State and Zip: Neodesha, KS 66757

Phone Number: ( 620 ) 325-2828 E-mail address: etruelove@ci.neodesha.ks.us

What is your relationship to the water right;  owner  tenant  agent  other? If other, please explain. \_\_\_\_\_

Name of water use correspondent: City of Neodesha: Ed Truelove, City Administrator

Address: 1407 N. 8th, P.O. Box 336

City, State and Zip: Neodesha, KS 66757

Phone Number: ( 620 ) 325-2828 E-mail address: etruelove@ci.neodesha.ks.us

3. The change(s) proposed herein are desired for the following reasons (please be specific): Construction of a new raw water intake structure for the city of Neodesha to replace existing failed intake. Point of diversion for existing water rights WL-03 and WL-11 will be changed to location of new intake structure.

The change(s) (was) (will be) completed by 12/31/2017  
(Date)

<b>For Office Use Only:</b>														
F.O.	<u>1</u>	GMD	<u>2</u>	Meets K.A.R. 5-5-1 (YES/NO)	Use	<u>MON</u>	Source	<u>G</u>	County	<u>WL</u>	By	<u>AW</u>	Date	<u>7/10/17</u>
Code		Fee \$		TR #		Receipt Date		Check #						

7/11/2017 UM

4. The presently authorized place of use is:

Owner of Land — NAME: City of Neodesha: Ed Truelove, City Administrator  
 ADDRESS: 1407 N. 8th, P.O. Box 336

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
19	30	16														X			

List any other water rights that cover this place of use. \_\_\_\_\_

Owner of Land — NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

List any other water rights that cover this place of use. \_\_\_\_\_

(If there are more than two landowners, attach additional sheets as necessary.)

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: City of Neodesha: Ed Truelove, City Administrator  
 ADDRESS: 1407 N. 8th, P.O. Box 336

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
19	30	16														X			

List any other water rights that cover this place of use. \_\_\_\_\_

Owner of Land — NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

List any other water rights that cover this place of use. \_\_\_\_\_

**IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY**

WATER RESOURCES  
 DIVISION

JUL 10 2017

KS DEPT OF AGRICULTURE

- 6. The presently authorized point(s) of diversion (is) (are) Submerged raw water intake structure, 1 diversion point  
(Provide description and number of points)
- 7. The proposed point(s) of diversion (is) (are) Submerged raw water intake structure, 1 diversion point  
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**  
 One in the SE Quarter of the NW Quarter of the SW Quarter of Section 19, Township 30 South, Range 16 (E/W), in Wilson County, Kansas, 1,710 feet North 1,586 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  
**Proposed point of diversion: (Complete only if change is requested)**  
 One in the SE Quarter of the SW Quarter of the NW Quarter of Section 19, Township 30 South, Range 16 (E/W), in Wilson County, Kansas, 917 feet North 1,739 feet West of Southeast corner of section.  
 Proposed Rate No Change Proposed Quantity No Change  
 This point is:  Additional Well  Geo Center List other water rights that will use this point WL-03 & WL-11

9. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W), in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  
**Proposed point of diversion: (Complete only if change is requested)**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W), in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

10. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W), in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_  
 (DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)  
 This point will not be changed  This point will be changed as follows:  
**Proposed point of diversion: (Complete only if change is requested)**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (E/W), in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

- 11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. \_\_\_\_\_

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

WATER RESOURCES

JUL 10 2017

KS DEPT OF AGRICULTURE

12. The presently authorized use of water is for \_\_\_\_\_ Municipal \_\_\_\_\_ purposes.

It is proposed that the use be changed to \_\_\_\_\_ Municipal \_\_\_\_\_ purposes.

13. If changing the place of use and/or use made of water, describe how the consumptive use will not be increased.

Current Demand 0.7 MGD and Proposed Demand 0.766 MGD is within existing Water Rights WL-3 and WL-11 authorized quantity.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Please show any calculations here.)

14. It is requested that the maximum annual quantity of water be reduced to \_\_\_\_\_ (acre-feet or million gallons).

15. It is requested that the maximum rate of diversion of water be reduced to \_\_\_\_\_ gallons per minute (1.18 c.f.s.).

16. The application must include either a topographic map or detailed plat. A U.S. Geological Survey Topographic Map, scale 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Avenue, University of Kansas, Lawrence, Kansas 66047-3726 ([www.usgs.gov](http://www.usgs.gov)). The map should show the location of the presently authorized point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. The presently authorized place of use should also be shown. Identify the center of the section, the section lines and the section corners and show the appropriate section, township, and range numbers on the map. In addition the following information must also be shown on the map.

a. If a change in the location of the point(s) of diversion is proposed, show:

- 1) The location of the proposed point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. Please be certain that the information shown on the map agrees with the information shown in Paragraph Nos. 9, 10 and 11 of the application.
- 2) If the source of supply is groundwater, please show the location of existing water wells of any kind, including domestic wells, within 1/2 mile of the proposed well or wells. Identify each well as to its use and furnish name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please indicate so on the map.
- 3) If the source of supply is surface water, the names and mailing addresses of all landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.

b. If a change in the place of use is desired, show the proposed place of use by crosshatching on the map. Please be certain that the information shown on the map agrees with the information shown in Paragraph No. 5 of the application.

17. Attach documentation to show the change(s) proposed herein will not impair existing water rights and relates to the same local source of supply as to which the water right relates. This information may include statements, plats, geology reports, well logs, test hole logs, and other information as necessary information to show the above. Additional comments may be made below.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

18. If the proposed change(s) does not meet all applicable rules and regulations of the Kansas Water Appropriation Act, please identify the rules and regulations for which you request a waiver. State the reason why a waiver is needed and why the request should be granted. Attach documentation showing that granting the request will not impair existing water rights and will not prejudicially and unreasonably affect the public interest.

\_\_\_\_\_  
\_\_\_\_\_

**IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY**

WATER RESOURCES

JUL 10 2017

KS DEPT OF AGRICULTURE

Any use of water that is not as authorized by the water right or permit to authorize water **before** the chief engineer approves this application is a violation of the Kansas Water Appropriation Act for which criminal or civil penalties may be assessed. Such violation is a class C misdemeanor, punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. K.S.A. 82a-728(b). Civil penalties shall be not less than \$100 nor more than \$1,000 per violation. In the case of a continuing violation, each day such violation continues may be deemed a separate violation. In addition to these penalties the water right may be modified or suspended. K.S.A. 82a-737, as amended.

The application must be signed by all owners of the place of use authorized under the water right and his or her spouse, if married. Please indicate if there is no spouse. If land is being purchased under contract, the seller must sign as landowner until such time as the contract is completed.

In the event that all applicants cannot appear before one notary public, they may as necessary sign separate copies of the application before any notary public conveniently available to them. All copies signed in this manner shall be considered to be valid parts of the application.

If the request is signed on behalf of any Owner by someone with legal authority to do so (for example, an agent, one who has power of attorney, or an executor, executrix, conservator), it will be necessary to attach proper documents showing such authority.

I declare that I am an owner of the currently authorized place of use as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete. By filing this application I authorize the chief engineer to permanently reduce the quantity of water and/or rate of diversion as specified in sections 14 and 15 of this application.

Dated at Neodesha, Kansas, this 27th day of June, 2017.

Terry M Harper  
(Owner)  
Terry M. Harper, Mayor for City of Neodesha  
(Please Print)

N/A  
(Spouse)  
(Please Print)

\_\_\_\_\_  
(Owner)

\_\_\_\_\_  
(Spouse)

\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Owner)

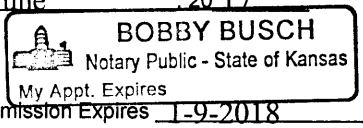
\_\_\_\_\_  
(Spouse)

\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Please Print)

State of Kansas }  
County of Wilson } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 27th day of June, 2017.

  
BOBBY BUSCH  
Notary Public - State of Kansas  
My Appt. Expires  
My Commission Expires 1-9-2018

[Signature]  
Notary Public

**FEE SCHEDULE**

Each application to change the place of use, the point of diversion or the use made of the water under this section shall be accompanied by the application fee set forth in the schedule below:

- (1) Application to change a point of diversion 300 feet or less . . . . . \$100
- (2) Application to change a point of diversion more than 300 feet . . . . . \$200
- (3) Application to change the place of use . . . . . \$200
- (4) Application to change the use made of the water . . . . . \$300

Make check payable to **Kansas Department of Agriculture.**

WATER RESOURCES  
RECEIVED

JUL 10 2017

KS DEPT OF AGRICULTURE

July 6, 2017

WATER RESOURCES  
RECEIVED

JUL 10 2017

Kansas Department of Agriculture  
Division of Water Resources  
1320 Research Park Drive  
Manhattan, KS 66502

KS DEPT OF AGRICULTURE

Attention: CHIEF ENGINEER

Reference: Neodesha River Intake Improvements – DWR Change of Point of Diversion  
PEC Project No. 34-15E65-001-0000

Dear Chief:

This letter, along with accompanying documentation, is provided to solicit comments from DWR for the permits associated with the proposed construction of the Neodesha River Intake Improvements, Wilson County, Kansas.

The proposed development is located on city owned property. Soil and vegetation conditions will be minor and not affect the allowable permitted quantity for the area of construction. The estimated time of completion for the project is two months. The project site area of construction is 1.75 acres and will be located entirely within the owner's property line.

The following items are included with this letter:

1. DWR Form 1-120 – Application for Approval to Change the Place of Use, the Point of Diversion or the Use Made of the Water Under an Existing Water Right
2. USGS Map
3. Aerial Map
4. Change of Point of Diversion Map
5. Excerpt from Civil Plans

In accordance with DWR 1-120, a check in the amount of \$200.00 is attached and made payable to the Kansas Department of Agriculture as indicated.

Chief Engineer  
July 6, 2017  
Page 2



If you have any questions or require additional information in order to make a determination, please contact me either by telephone, (316) 262-2691, or by email [Josh.Golka@pec1.com](mailto:Josh.Golka@pec1.com).

Very truly yours,

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

Josh Golka, P.E.  
Municipal Project Manager

Encl: As noted

cc: Ed Truelove, City of Neodesha

WATER RESOURCES  
RECEIVED

JUL 10 2017

KS DEPT OF AGRICULTURE



1320 Research Park Drive  
Manhattan, Kansas 66502  
(785) 564-6700



900 SW Jackson, Room 456  
Topeka, Kansas 66612  
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

ED TRUELOVE, CITY ADMINISTRATOR  
CITY OF NEODESHA  
1407 N 8TH. PO BOX 336  
NEODESHA, KS 66757

July 11, 2017

**FILE COPY**

RE: File No WL-3

Dear Sir or Madam:

An application for approval of the Chief Engineer to change the following condition or conditions of the file number referred to above has been received:

- place of use PD
- point of diversion
- use made of water

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. You will be contacted regarding this application as soon as it has been examined.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water prior to approval of the application is unlawful. You should not proceed and divert water as indicated by your plans in your application for a change for this file until you receive approval for this change from the Chief Engineer. 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.**

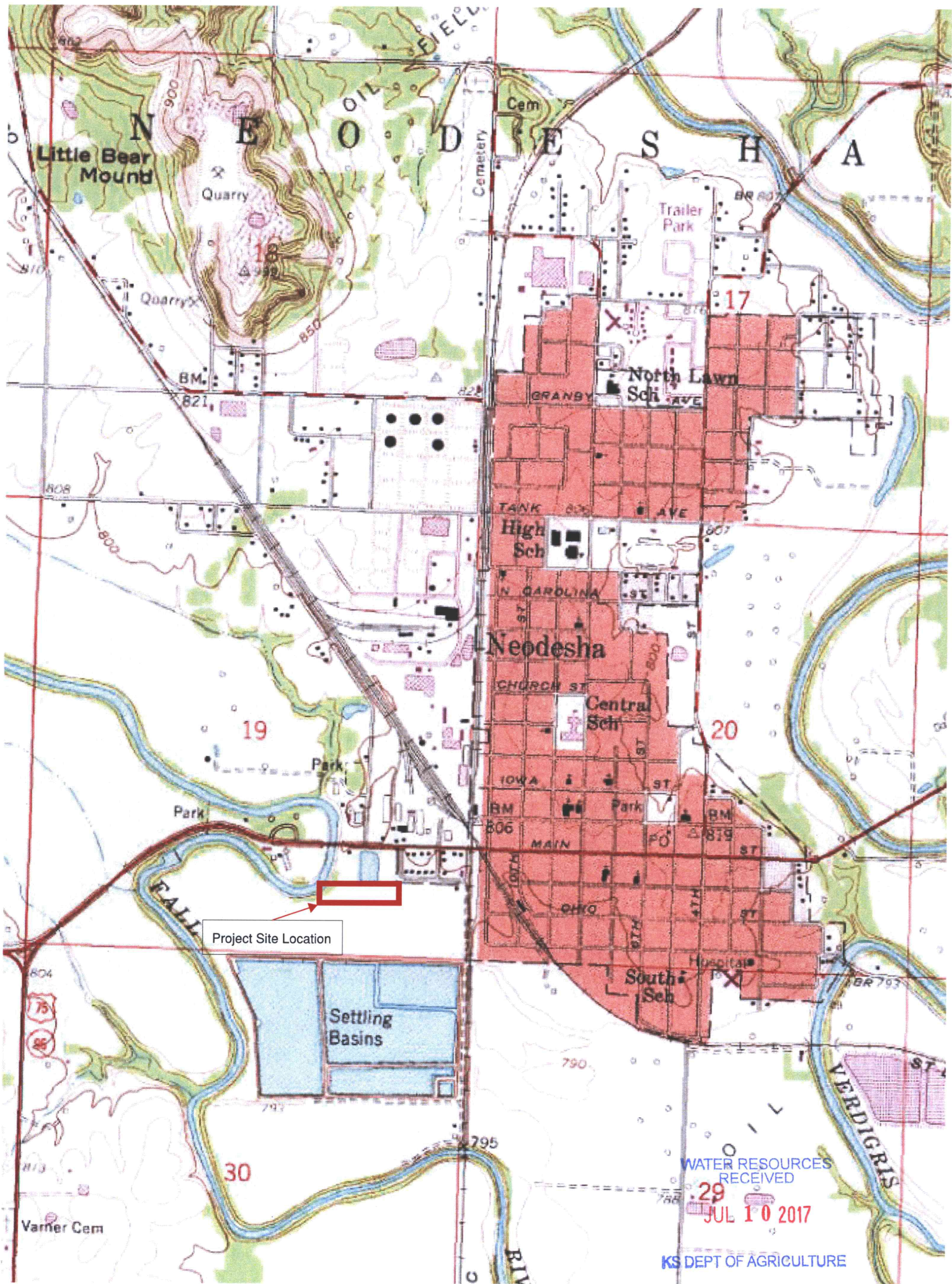
If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

A handwritten signature in cursive script that reads "Brent A. Tourney".

Brent Tourney, L.G.  
Change Applications Unit Supervisor  
Water Appropriation Program

BAT: DLW  
pc: TOPEKA Field Office GMD



Project Site Location

WATER RESOURCES RECEIVED

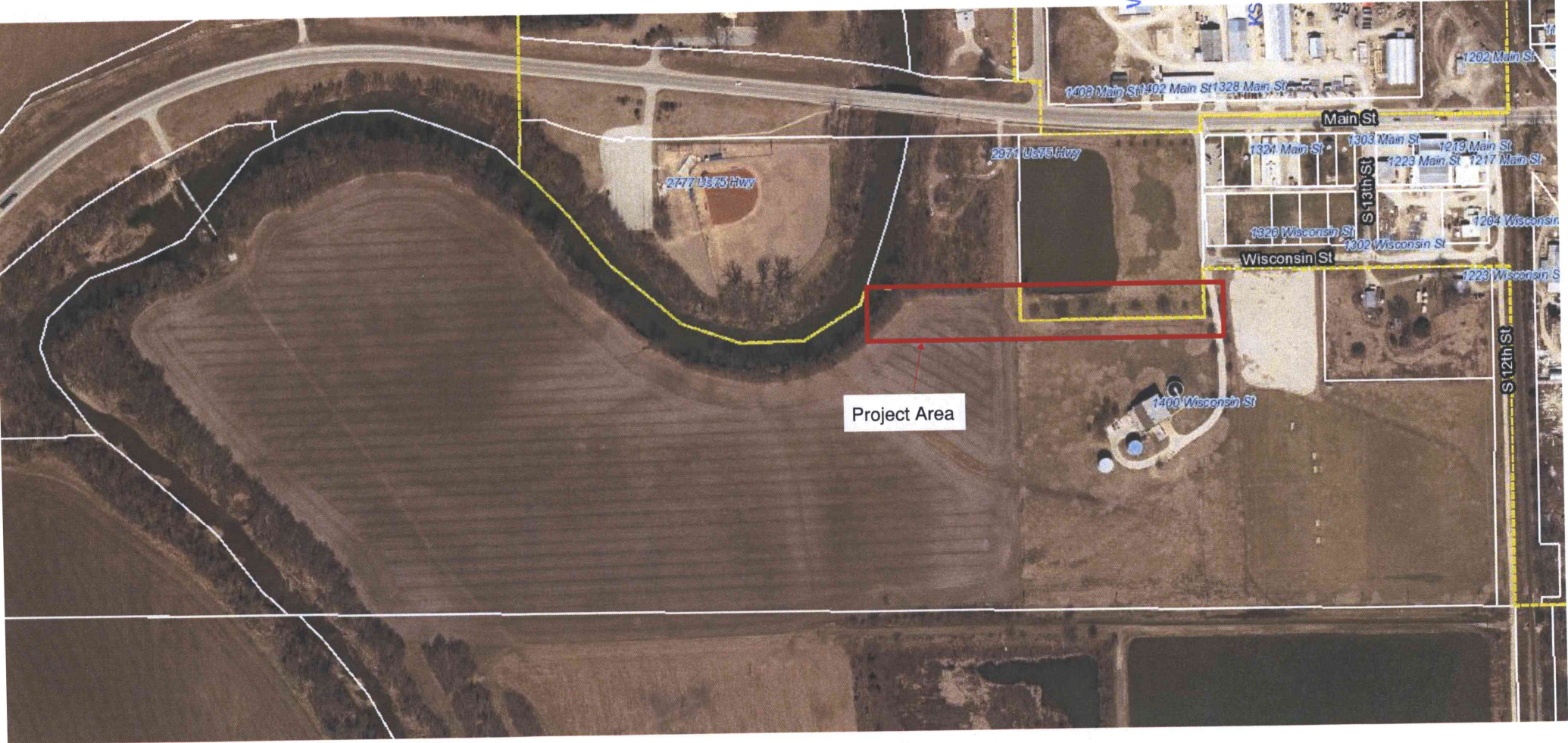
JUL 10 2017

KS DEPT OF AGRICULTURE

WATER RESOURCES  
RECEIVED

JUL 10 2017

KS DEPT OF AGRICULTURE



Project Area

2777 Us75 Hwy

2971 Us75 Hwy

Main St

Wisconsin St

S 12th St

1409 Main St 1402 Main St 1328 Main St

1321 Main St

1303 Main St

1219 Main St

1229 Main St 1217 Main St

1320 Wisconsin St

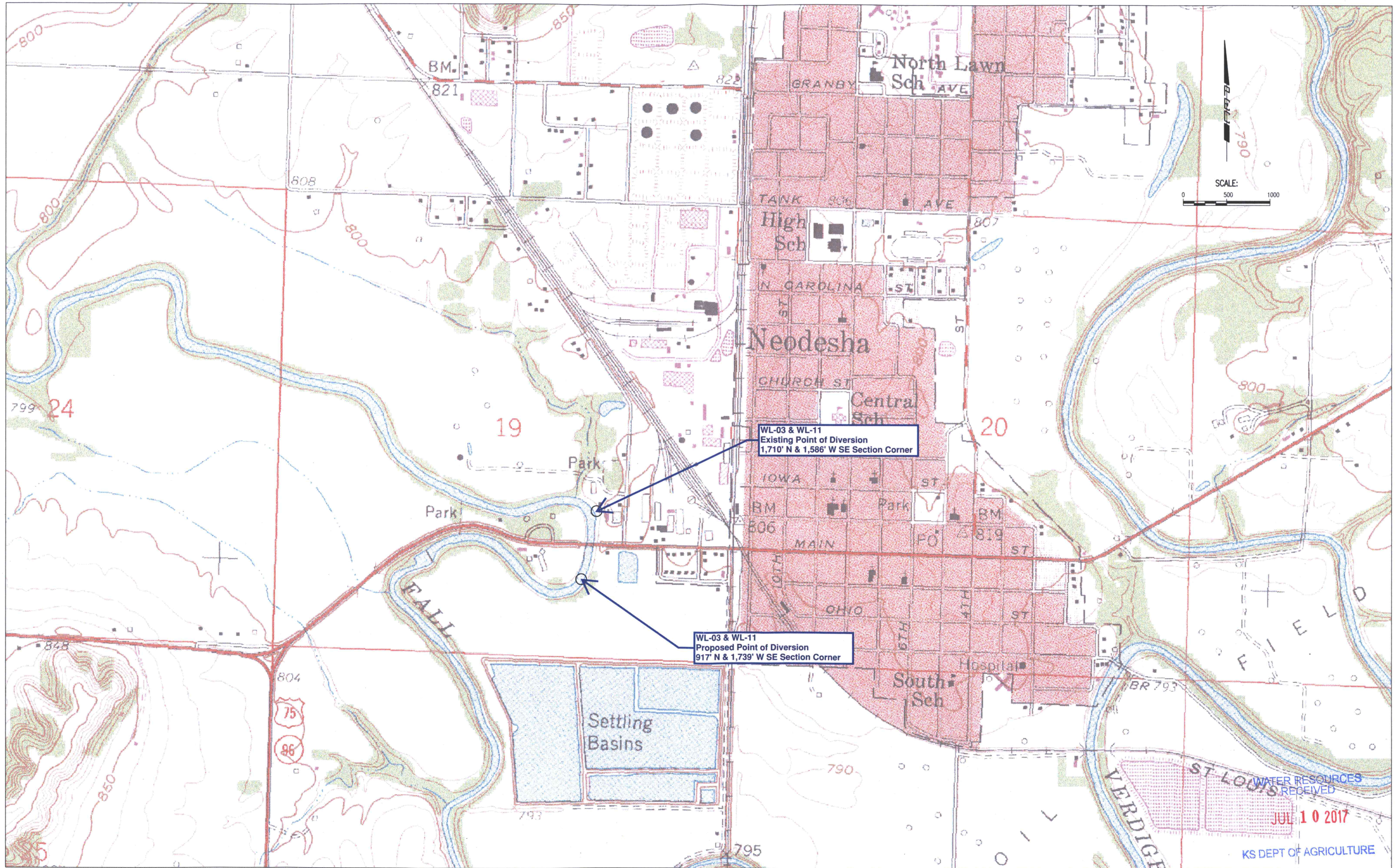
1302 Wisconsin St

1204 Wisconsin St

1228 Wisconsin St

1400 Wisconsin St

1202 Main St



SCALE:  
0 500 1000

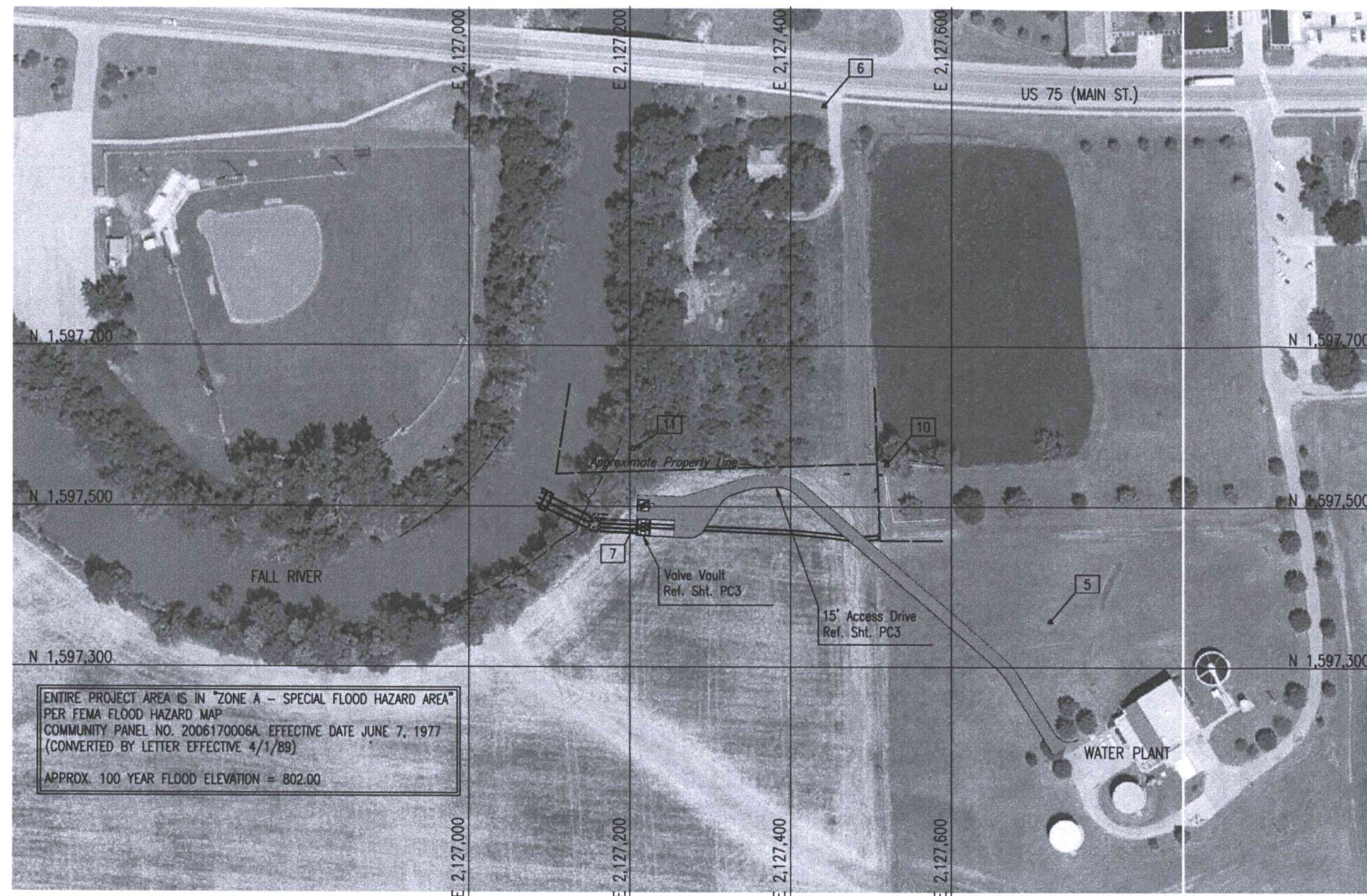
WL-03 & WL-11  
Existing Point of Diversion  
1,710' N & 1,586' W SE Section Corner

WL-03 & WL-11  
Proposed Point of Diversion  
917' N & 1,739' W SE Section Corner

WATER RESOURCES  
RECEIVED

JUL 10 2017

KS DEPT OF AGRICULTURE



**GENERAL NOTES**

- ALL ELEVATIONS SHOWN ARE BASED ON VERTICAL DATUM NAVD 88.
- AT LEAST 72 HOURS PRIOR TO BEGINNING ANY EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT 1-800-344-7233 OR 811 TO REQUEST THE LOCAL UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA.
- THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION TO ADVISE THEM OF THE INTENDED WORK AND OF HIS PROPOSED SCHEDULE:  
 MICHAEL GROGAN  
 CITY OF NEODESHA  
 1400 W. WISCONSIN  
 NEODESHA, KS 66757  
 (620) 325-2750
- THE BURIED UTILITIES AS LOCATED ON THE DRAWINGS ARE APPROXIMATE LOCATIONS ONLY. IT SHOULD BE NOTED THAT OTHER BURIED LINES AND CABLES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL HAVE ALL BURIED LINES LOCATED AND FLAGGED IN THE FIELD PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT THE ENGINEER AND REVIEW ALL BURIED LINES LOCATED TO DETERMINE IF CONFLICTS EXIST. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES. ANY LINES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE. VARIANCES SHALL BE CONSIDERED SUBSIDIARY TO THE PRICE BID FOR WATERLINE PIPE.
- EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE DRAWINGS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- ALL TRENCHING AND BACKFILLING SHALL BE TYPE I OR III UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS. PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL FLAG AND REFERENCE ALL PROPERTY CORNERS THAT MAY BE DISTURBED BY CONSTRUCTION OPERATIONS, AND VERIFY THESE IN THE FIELD IN THE PRESENCE OF THE ENGINEER AND THE CONTRACTOR'S SURVEYOR. AFTER CONSTRUCTION AND BEFORE THE FINAL INSPECTION, A LETTER SIGNED AND SEALED BY THE LICENSED LAND SURVEYOR CERTIFYING REPLACEMENT OF ALL DISTURBED PROPERTY CORNERS SHALL BE SUBMITTED TO THE ENGINEER.
- EASEMENTS AND RIGHT-OF-WAY PROVIDED BY THE OWNER FOR THE PROJECT ARE SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACQUISITION OF ANY ADDITIONAL TEMPORARY EASEMENTS OR RIGHT-OF-WAY THAT HE DESIRES TO USE IN COMPLETING THE WORK.
- THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION, TYPE, SIZE AND CLASS OF EXISTING WATERLINES PRIOR TO MAKING CONNECTIONS. EXISTING WATERLINE LOCATIONS AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL MAKE ADJUSTMENTS AS REQUIRED. PROVISION AND INSTALLATION OF PIPE ADAPTORS, SHORT SECTION OF PIPE, AND COUPLERS SHALL BE SUBSIDIARY TO THE PRICE BID FOR WATERLINE PIPE.
- THE CONTRACTOR MUST SCHEDULE THE CONNECTIONS TO THE EXISTING WATER MAINS WITH THE CITY SUCH THAT THERE IS A MINIMUM OF DISRUPTION TO THE CITY.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES INCLUDING ANY TREES REMOVED, TREE TRIMMINGS, AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL ALSO BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS MAY REQUIRE ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED DISPOSAL LOCATION.
- THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, AND BANKS TO THEIR ORIGINAL SLOPES AND GRADES. WHERE EXISTING ENTRANCE PIPE, DRAINAGE PIPE, SIGNS, FENCES, ETC., CONFLICT WITH THE PROPOSED WORK HEREIN THEY SHALL BE REMOVED AND REPLACED OR RESET, UNLESS OTHERWISE NOTED ON THE DRAWINGS. THE REPLACEMENT OF ALL THE AFOREMENTIONED ITEMS, INCLUDING SEEDING, FERTILIZER, AND MULCHING SHALL BE CONSIDERED SUBSIDIARY TO "SITE CLEARING AND RESTORATION".
- THE CONTRACTOR SHALL AVOID REMOVAL OR TRIMMING OF ANY TREES OR SHRUBS WHERE POSSIBLE. WHERE THE CONTRACTOR BELIEVES THE REMOVAL OR TRIMMING IS UNAVOIDABLE, HE SHALL COORDINATE SUCH WORK WITH THE ENGINEER. COSTS FOR TREE/SHRUB REMOVAL AND TRIMMING REGARDLESS OF SIZE SHALL BE CONSIDERED SUBSIDIARY TO THE LUMP SUM PRICE BID FOR "SITE CLEARING AND RESTORATION".
- ALL GRASSED AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE REPLANTED WITH GRASS AND FERTILIZED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. EXISTING GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL BE REPLANTED WITH THE SAME TYPE OF GRASS AS WAS REMOVED. PASTURES AND NATIVE GRASSED AREAS SHALL BE RESEEDED IN ACCORDANCE WITH THE CRITERIA SHOWN BELOW:  
 NATIVE GRASS MIX:  
 BIG BLUESTEM - 8 LBS/ACRE  
 BROME GRASS - 8 LBS/ACRE  
 SWITCH GRASS - 3 LBS/ACRE  
 WESTERN WHEATGRASS - 8 LBS/ACRE  
 INDIAN GRASS - 8 LBS/ACRE  
 LITTLE BLUESTEM - 5 LBS/ACRE  
 SIDE OATS GRAMA - 5 LBS/ACRE  
 TOTAL = 45 LBS/ACRE  
 SEED APPLICATION = 1 LB/1,000 SQ. FT.  
 FERTILIZER APPLICATION (N-P-K) = 12-24-12  
 MULCH = PRAIRIE HAY  
 MULCH APPLICATION = 90 LBS/1,000 SQ. FT.  
 ALL COSTS FOR SEEDING AND FERTILIZING SHALL BE CONSIDERED SUBSIDIARY TO "SITE CLEARING AND RESTORATION".
- THE CONTRACTOR SHALL SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITH TEMPORARY RYE GRASS. RYE GRASS SEED SHALL BE PLANTED AT A MINIMUM RATE OF SIX (6) POUNDS PER ONE THOUSAND (1,000) SQUARE FEET. THIS TEMPORARY SEEDING MAY BE OMITTED ONLY IF OTHER SEEDING IS REQUIRED IN ACCORDANCE WITH GENERAL NOTE NO. 14 ABOVE. TEMPORARY SEEDING OR PERMANENT SEEDING/SODDING SHALL BE APPLIED WITHIN 14 DAYS AFTER THE AREA HAS BEEN DISTURBED. ALL COSTS FOR TEMPORARY RYE GRASS SEEDING SHALL BE CONSIDERED SUBSIDIARY TO "SITE CLEARING AND RESTORATION".
- WATERLINES SHALL HAVE A MINIMUM DEPTH OF BURY OF 48 INCHES, UNLESS SHOWN OTHERWISE.
- THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL VALVE BOX COVERS.
- ALL VALVE BOXES SHALL BE INSTALLED FLUSH WITH EXISTING GROUND.
- CONTRACTOR SHALL TAKE CARE TO PREVENT SILT AND DEBRIS FROM ENTERING ANY STORM DRAINAGE SYSTEM DURING CONSTRUCTION. PIPES OR STRUCTURES WHICH CONTAIN MATERIALS FROM THE CONTRACTOR'S ACTIVITIES SHALL BE THOROUGHLY CLEANED BY THE CONTRACTOR, AT HIS OWN EXPENSE, PRIOR TO THE FINAL INSPECTION.
- CONTRACTOR SHALL CONTAIN HIS OPERATIONS TO PERMIT LOCAL AND EMERGENCY TRAFFIC THROUGH AND ACROSS CONSTRUCTION AT ALL TIMES. THE CONTRACTOR SHALL ERRECT WARNING SIGNS, FLASHING LIGHTS, AND BARRICADES IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) TO ENSURE SAFETY AS DIRECTED IN THE GENERAL CONDITIONS. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
- THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO THE START OF CONSTRUCTION.
- EACH BIDDER SHALL VISIT THE SITE OF THE PROJECT BEFORE SUBMITTING THE PROPOSAL FOR THIS WORK SO THAT HE WILL BE FULLY INFORMED OF THE EXISTING FIELD CONDITIONS AND THE OBSTACLES WHICH MIGHT BE ENCOUNTERED. UPON AWARD OF THE CONTRACT THE CONTRACTOR WILL NOT BE GRANTED ANY ADDITIONAL COMPENSATION WITH REGARDS TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING ANY INSPECTION OF THE SITE.
- THE CONTRACTOR SHALL INSTALL AND/OR MAINTAIN EROSION CONTROL METHODS AS DETAILED. THE GENERAL LOCATION OF THE REQUIRED EROSION CONTROL IS ILLUSTRATED IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL SHOWN THROUGH THE COMPLETION OF THIS PROJECT. INSTALLATION OF THESE EROSION CONTROL DEVICES DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF ABATING SOIL EROSION. CONTRACTOR SHALL MEET ALL NOTICE OF INTENT (NOI) REQUIREMENTS. THE CONTRACTOR MAY OBTAIN COPIES OF THE PERMIT FROM THE ENGINEER UPON REQUEST. CONTRACTOR SHALL REMOVE EROSION CONTROL DEVICES ONCE APPROVED STAND OF GRASS IS ACHIEVED.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL RE-ESTABLISH CONTROL POINTS AND BENCH MARKS AND VERIFY THEIR ACCURACY.
- SMALL HORIZONTAL AND VERTICAL DEFLECTIONS ARE NOT SHOWN ON THE PLANS. CONTRACTOR WILL BE REIMBURSED FOR THE LENGTH INDICATED BY THESE PLANS ONLY. THE CONTRACTOR, AT HIS OPTION, MAY INSTALL ADDITIONAL PIPE BY TRENCHLESS METHODS IN EXCESS OF THE PLAN QUANTITIES AND WILL BE AT THE SOLE EXPENSE OF THE CONTRACTOR. ALL TRENCHLESS PIPE INSTALLATION, INCLUDING PIPE INSTALLED WITHIN STEEL CASING SHALL BE RESTRAINED JOINT IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. ALL TRENCHLESS PIPE INSTALLATIONS UNDER COUNTY ROADS, HIGHWAYS, STREAMS AND CREEKS SHALL HAVE THE DEPTH OF COVER INDICATED BY THE PROJECT DETAIL DRAWINGS OR GENERAL NOTES. FOR AREAS WITH RADIUS LESS THAN 96", BENDS SHALL BE INSTALLED. MINIMUM LENGTH TO BE USED FOR PVC PIPE SHALL BE 6'-8". HIGH DEFLECTION COUPLINGS WILL BE ALLOWED WITH A MAXIMUM OF 4" DEFLECTION.

**BENCH MARK LIST**

- BM-1 ELEVATION: 798.23 NAVD88  
 TOP OF THE HEAD OF A RAILROAD SPIKE IN SOUTH SIDE OF 30" DIAMETER TREE AT SOUTHWEST CORNER OF POND NORTH OF THE NEODESHA WATER TREATMENT PLANT, WEST SIDE OF NEODESHA, SOUTH OFF OF U.S. 75 HIGHWAY.
- BM-2 ELEVATION: 803.46 NAVD88  
 FINISH FLOOR ELEVATION AT THE FRONT ENTRANCE TO THE NEODESHA WATER TREATMENT PLANT, WEST SIDE OF NEODESHA, SOUTH OFF OF U.S. 75 HIGHWAY.
- BM-3 = BM-H ELEVATION: 814.67 NAVD88  
 CHISELED SQUARE ON TOP OF THE NORTH CORNER OF THE CONCRETE PAD FOR THE GAS TANKS ENCLOSED IN A CHAIN LINK FENCE CAGE AT THE NORTH END OF THE PARKING LOT FOR THE NEODESHA HOSPITAL "WILSON MEDICAL CENTER - NEODESHA" ON EAST SIDE OF U.S. 400 HIGHWAY AND SOUTH OFF OF U.S. 75 HIGHWAY.
- BM-4 ELEVATION: 799.51 NAVD88  
 TOP OF THE "3" IN WELDED WRITING OF "6-7-03" ON TOP OF THE SOUTHWEST GUARD POST OF THREE GUARD POSTS IN A SHORT GUARD RAIL AT THE SMALL PARKING AREA AT THE NORTHWEST END OF THE LOW WATER DAM AT THE END OF AN ASPHALT ACCESS ROAD SOUTH OFF OF U.S. 75 HIGHWAY, HALF-MILE WEST OF NEODESHA.

**CONTROL POINTS**

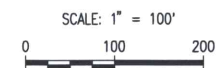
- HORIZONTAL CONTROL POINT NO. 1 (NGS MONUMENT NDSK A)  
 N: 1,586,433.1200, E: 2,142,514.8200 EL: 875.4100  
 FOUND NGS BRASS DISK IN ROCK OUTCROPPING ON THE NORTH SIDE OF COUNTY ROAD 6600 AND THE WEST SIDE OF THE ENTRANCE TO GRANDVIEW CEMETERY.  
 44.00' SOUTH TO A WITNESS POST.  
 20.30' EAST TO THE CENTERLINE OF THE CEMETERY ENTRANCE.  
 9.70' SOUTHEAST TO THE TOP-WEST END OF A CORRUGATED METAL CULVERT.
- HORIZONTAL CONTROL POINT NO. 2  
 N: 1,602,507.8000, E: 2,149,792.3800 EL: 868.1800  
 SET 1/2" x 24" REBAR WITH "PEC CP" CAP SET ON THE NORTH SIDE OF A FIELD ENTRANCE AT THE NORTHWEST CORNER OF THE INTERSECTION OF 410 ROAD AND THOMAS ROAD.  
 6.05' NORTH TO THE SOUTH FACE OF A CORNER POST.  
 25.05' SOUTH TO THE NORTH FACE OF A CORNER POST.  
 23.10' WEST TO THE EAST FACE OF A GATE POST.
- HORIZONTAL CONTROL POINT NO. 3  
 N: 1,618,246.8600, E: 2,138,813.3200 EL: 862.9000  
 SET 1/2" x 24" REBAR WITH "PEC CP" CAP SET AT THE NORTHWEST CORNER OF THE INTERSECTION OF HIGHWAY 75 AND 700 ROAD.  
 62.65' EAST TO THE WEST EDGE OF THE ASPHALT SURFACE OF HIGHWAY 75.  
 45.35' SOUTH TO THE NORTH EDGE OF THE GRAVEL SURFACE OF 700 ROAD.  
 96.20' SOUTHEAST TO THE NORTH FACE OF A STOP SIGN POST.
- HORIZONTAL CONTROL POINT NO. 5  
 N: 1,597,357.116, E: 2,127,723.860 EL: 795.801  
 SET 1/2" REBAR IN GRASS  
 96.5' SSE TO TOP OF GAS REGULATOR  
 52.5' E. TO C. OF FLOWLINE GOING NORTH AND SOUTH  
 168.6' ESE TO NORTH CORNER OF BUILDING NEODESHA WTP  
 124.5' N. TO SOUTH FACE OF HEADWALL FOR CONC. CULVERT IN BERM  
 211.5' W. TO POWER POLE LOOKING SE, IN-LINE WITH NORTH BUILDING CORNER AND SW CORNER OF BROWN SHED.
- HORIZONTAL CONTROL POINT NO. 6  
 N: 1,597,999.458, E: 2,127,441.335 EL: 805.022  
 SET 1/2" REBAR IN GRASS  
 7.33' N. TO BACK OF SIDEWALK ON SOUTH SIDE OF HWY 75  
 6.4' E. TO WEST EDGE OF ASPHALT DRIVEWAY  
 115' E. TO C. OF WATER PLANT ROAD GOING NORTH
- HORIZONTAL CONTROL POINT NO. 7  
 N: 1,597,468.3810, E: 2,127,201.6480 EL: 796.611  
 SET 1/2" REBAR IN BARE SPOT IN CROP FIELD NEAR THE DRIP LINE OF THE TREES
- HORIZONTAL CONTROL POINT NO. 10  
 N: 1,597,552.506, E: 2,127,519.724 EL: 796.611  
 SET 1/2" REBAR IN GRASS  
 19.30' NW TO CENTER OF POWER POLE  
 17.46' SW TO NORTH CORNER OF 4"x4" POST FOR SIGN  
 17.0' ENE TO CENTER OF 30" ELM AT SW CORNER OF POND
- HORIZONTAL CONTROL POINT NO. 11  
 N: 1,597,572.1820, E: 2,127,203.6750 EL: 796.611  
 SET 1/2" REBAR IN THE WOODS NEAR THE CREEK BANK

**HORIZONTAL DATUM**

GRID COORDINATES BASED ON KANSAS STATE PLANE COORDINATE SYSTEM  
 NAD 83 (2011) - SOUTH ZONE.  
 COMBINED SCALE FACTOR TO SCALE FROM GROUND COORDINATES TO GRID COORDINATES:  
 0.99993546 (HELD PUBLISHED DATA FOR NDSK A - C.S.F. FROM OPUS PROJECT HCP2)

**LEGEND**

- PROPERTY LINE
- 100 HORIZONTAL CONTROL POINT
- BM #513 BENCHMARK

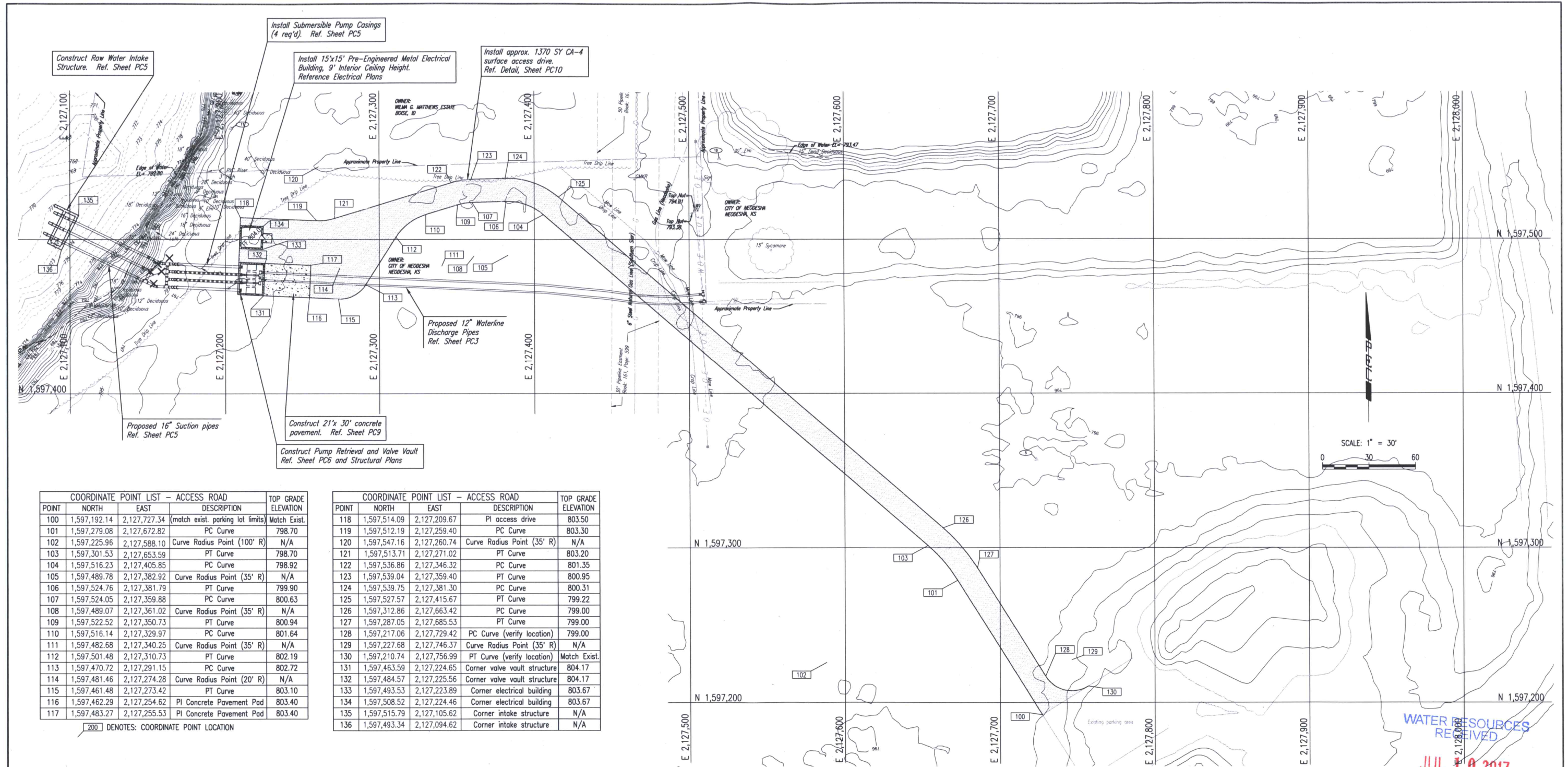


WATER RESOURCES RECEIVED

JUL 10 2017

KS DEPT OF AGRICULTURE

No.	Revision	By	Date
CITY OF NEODESHA			
<b>KEY MAP AND GENERAL NOTES</b>			
NEODESHA RIVER INTAKE IMPROVEMENTS			
<b>PEC</b> PROFESSIONAL ENGINEERING CONSULTANTS P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec.com			
Designed by	RWG	Job No. 34-15665-001	Sht. PC1 of 12
Drawn by	CAE	Date	JUNE 2017



Construct Raw Water Intake Structure. Ref. Sheet PC5

Install Submersible Pump Casings (4 req'd). Ref. Sheet PC5

Install 15'x15' Pre-Engineered Metal Electrical Building, 9' Interior Ceiling Height. Reference Electrical Plans

Install approx. 1,370 SY CA-4 surface access drive. Ref. Detail, Sheet PC10

Proposed 16" Suction pipes Ref. Sheet PC5

Construct 21'x 30' concrete pavement. Ref. Sheet PC9

Construct Pump Retrieval and Valve Vault Ref. Sheet PC6 and Structural Plans

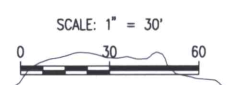
Proposed 12" Waterline Discharge Pipes Ref. Sheet PC3

POINT	NORTH	EAST	DESCRIPTION	TOP GRADE ELEVATION
100	1,597,192.14	2,127,727.34	(match exist. parking lot limits)	Match Exist.
101	1,597,279.08	2,127,672.82	PC Curve	798.70
102	1,597,225.96	2,127,588.10	Curve Radius Point (100' R)	N/A
103	1,597,301.53	2,127,653.59	PT Curve	798.70
104	1,597,516.23	2,127,405.85	PC Curve	798.92
105	1,597,489.78	2,127,382.92	Curve Radius Point (35' R)	N/A
106	1,597,524.76	2,127,381.79	PT Curve	799.90
107	1,597,524.05	2,127,359.88	PC Curve	800.63
108	1,597,489.07	2,127,361.02	Curve Radius Point (35' R)	N/A
109	1,597,522.52	2,127,350.73	PT Curve	800.94
110	1,597,516.14	2,127,329.97	PC Curve	801.64
111	1,597,482.68	2,127,340.25	Curve Radius Point (35' R)	N/A
112	1,597,501.48	2,127,310.73	PT Curve	802.19
113	1,597,470.72	2,127,291.15	PC Curve	802.72
114	1,597,481.46	2,127,274.28	Curve Radius Point (20' R)	N/A
115	1,597,461.48	2,127,273.42	PT Curve	803.10
116	1,597,462.29	2,127,254.62	PI Concrete Pavement Pad	803.40
117	1,597,483.27	2,127,255.53	PI Concrete Pavement Pad	803.40

POINT	NORTH	EAST	DESCRIPTION	TOP GRADE ELEVATION
118	1,597,514.09	2,127,209.67	PI access drive	803.50
119	1,597,512.19	2,127,259.40	PC Curve	803.30
120	1,597,547.16	2,127,260.74	Curve Radius Point (35' R)	N/A
121	1,597,513.71	2,127,271.02	PT Curve	803.20
122	1,597,536.86	2,127,346.32	PC Curve	801.35
123	1,597,539.04	2,127,359.40	PT Curve	800.95
124	1,597,539.75	2,127,381.30	PC Curve	800.31
125	1,597,527.57	2,127,415.67	PT Curve	799.22
126	1,597,312.86	2,127,663.42	PC Curve	799.00
127	1,597,287.05	2,127,685.53	PT Curve	799.00
128	1,597,217.06	2,127,729.42	PC Curve (verify location)	799.00
129	1,597,227.68	2,127,746.37	Curve Radius Point (35' R)	N/A
130	1,597,210.74	2,127,756.99	PT Curve (verify location)	Match Exist.
131	1,597,463.59	2,127,224.65	Corner valve vault structure	804.17
132	1,597,484.57	2,127,225.56	Corner valve vault structure	804.17
133	1,597,493.53	2,127,223.89	Corner electrical building	803.67
134	1,597,508.52	2,127,224.46	Corner electrical building	803.67
135	1,597,515.79	2,127,105.62	Corner intake structure	N/A
136	1,597,493.34	2,127,094.62	Corner intake structure	N/A

200 DENOTES: COORDINATE POINT LOCATION

ENTIRE PROJECT AREA IS IN "ZONE A - SPECIAL FLOOD HAZARD AREA" PER FEMA FLOOD HAZARD MAP COMMUNITY PANEL NO. 2006170006A, EFFECTIVE DATE JUNE 7, 1977 (CONVERTED BY LETTER EFFECTIVE 4/1/89)  
APPROX. 100 YEAR FLOOD ELEVATION = 802.00



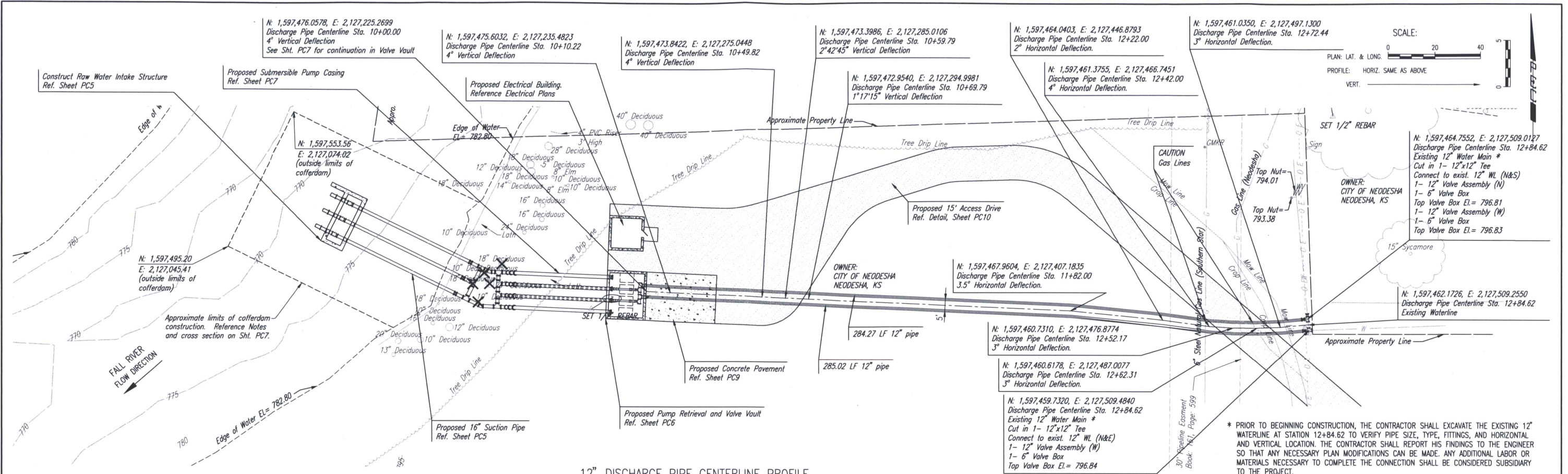
**LEGEND**

- 797 = EXISTING SPOT ELEVATIONS
- 702 = EXISTING MINOR CONTOUR LINE AND ELEV.
- 705 = EXISTING MAJOR CONTOUR LINE AND ELEV.

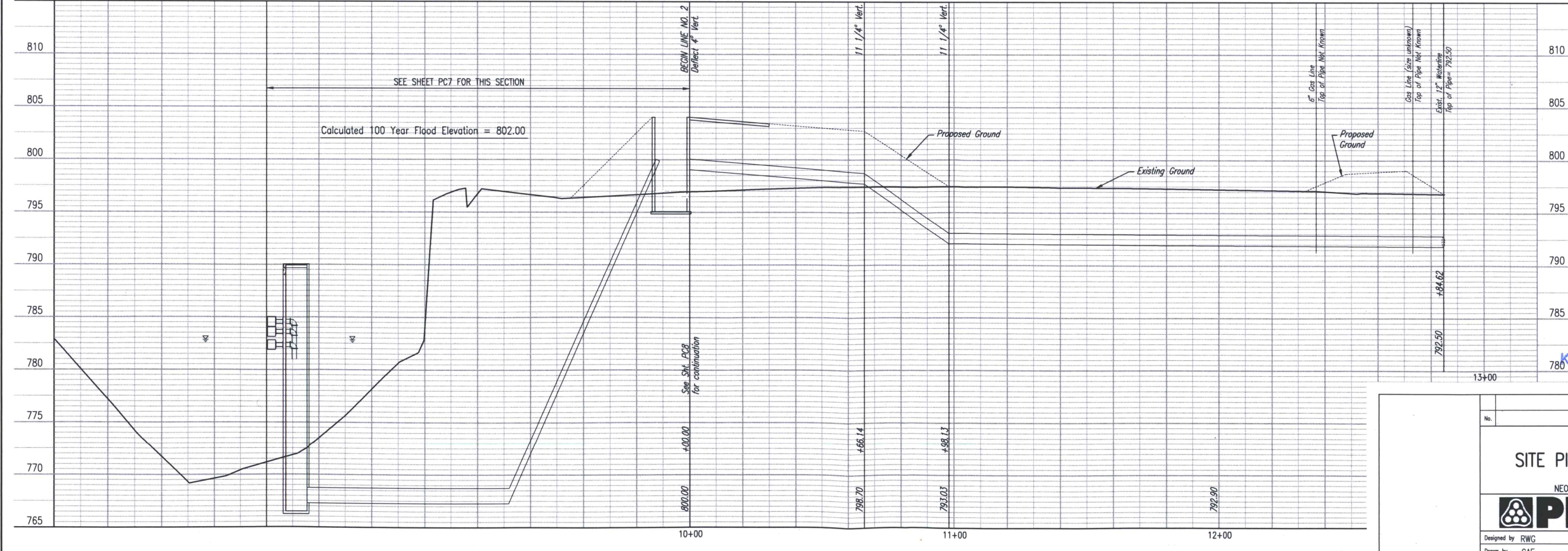
WATER RESOURCES RECEIVED  
JUL 10 2017  
KS DEPT OF AGRICULTURE

Saved 05-24-2017 2:08:29 PM by CAL  
 Plot Scale 1:1 06-08-2017 8:44:43 AM by DRAG LEWIS  
 U:\Pittsburg\2015\15E65\001\Drawings\PC2 OVERALL SITE PLAN

No.	Revision	By	Date
CITY OF NEODESHA			
<b>OVERALL SITE PLAN</b>			
NEODESHA RIVER INTAKE IMPROVEMENTS			
<b>PEC</b> PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2681 www.pec.com			
Designed by	RWG	Job No. 34-15E65-001	SH. PC2 of 12
Drawn by	CAF	Date JUNE 2017	



12" DISCHARGE PIPE CENTERLINE PROFILE



**LEGEND**

- CONCRETE PAVEMENT
- CA-4 SURFACE
- TREE REMOVAL
- HORIZONTAL CONTROL POINT

CONTRACTOR SHALL PROTECT ALL TREES NOT SHOWN TO BE REMOVED DURING CONSTRUCTION.

WATER RESOURCES RECEIVED

JUL 10 2017

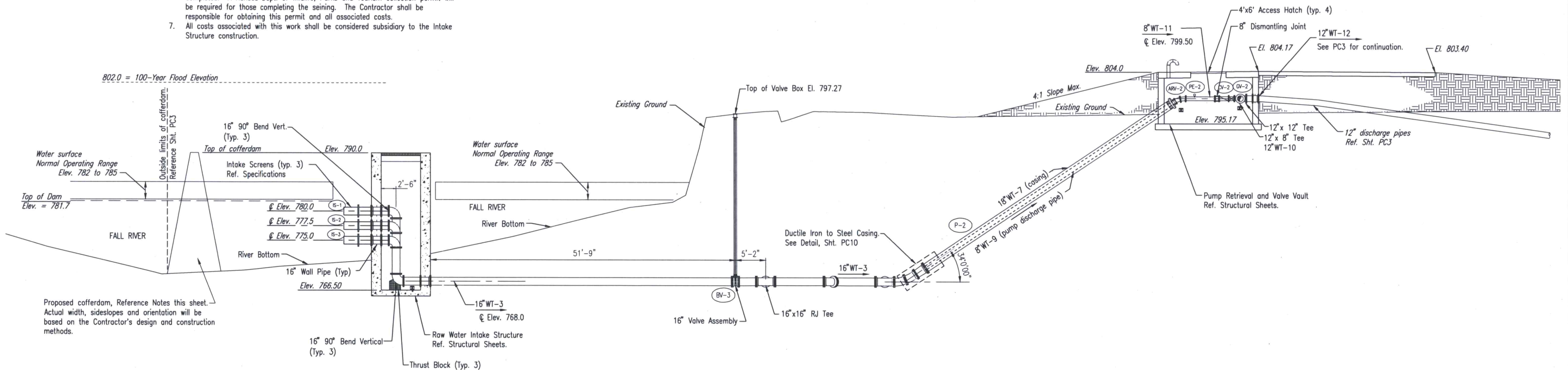
KS DEPT OF AGRICULTURE

No.	Revision	By	Date
CITY OF NEODESHA			
<b>SITE PIPING PLAN &amp; PROFILE</b>			
NEODESHA RIVER INTAKE IMPROVEMENTS			
<b>IPEC</b> PROFESSIONAL ENGINEERING CONSULTANTS, P.A.			
303 SOUTH TOPEKA WICHITA, KS 67202			
316-282-2691 www.pec1.com			
Designed by	RWG	Job No.	34-15E65-001
Drawn by	CAE	Date	JUNE 2017
			Sht. PC3 of 13

Saved: 06-08-2017 11:28:03 AM by CAE  
 Plot: Scale: 1:1 06-09-2017 8:47:40 AM by CAE  
 U:\Pittsburg\2015\15E65\001\Main\Drawings\PC3 SITE PIPING PLAN & PROFILE

**NOTE TO CONTRACTOR:**

1. The Contractor shall design and construct a cofferdam for the construction of the Intake Structure. The design shall be submitted to the Engineer for approval and for processing through the US Corp of Engineers for approval in accordance with the approved USACE permit.
2. The cofferdam may only be constructed and utilized between September 1, 2017 to February 28, 2018. Any cofferdam constructed outside of these dates shall be a non-soil portable cofferdam as manufactured by Aqua Dam, Aqua Barrier, Portadam, or approved equal. Installation shall be per manufacturers recommendations.
3. The cofferdam shall not extend across more than 2/3 the river bed width at any time and shall be limited to the designated area as noted in the drawings.
4. Adequate rip-rap shall be maintained on the leading edge, upstream, and downstream slopes of the cofferdam to prevent sediment from washing downstream. The Contractor may submit another form of erosion control protection for the cofferdam for review by the Engineer.
5. After construction of the Intake Structure is complete, the cofferdam shall be completely removed and the area shall be restored using channel design per the USACE permit requirements.
6. If water is trapped inside the cofferdam, seining shall be performed to remove fish prior to pumping the water. Fish should be released in flowing water downstream of the construction site. The final 5 seine hauls must contain no fish for the requirements of the depletion to be met. If fish are collected in the final 5 seine hauls, the count should restart until 5 seine hauls are completed with no fish collected. A minimum of 15 seine hauls must be completed. A Kansas Dept. of Wildlife, Parks and Tourism collection permit will be required for those completing the seining. The Contractor shall be responsible for obtaining this permit and all associated costs.
7. All costs associated with this work shall be considered subsidiary to the Intake Structure construction.




**RIVER INTAKE SECTION**  
SCALE 1/8"=1'-0"

☒ Indicates piping or equipment needs to be adequately supported. Supports such as Wall Brackets, Clevis Hangers and Steel or Concrete supports shall be positioned to adequately support the pipe. The Contractor shall also install any additional pipe supports deemed necessary. The Contractor shall submit to the Engineer for approval the type of pipe support and proposed location(s) for installation.

Sheet 06-08-2017 11:35:54 AM by CAE  
 U:\Projects\2017\15665\001\Drawings\PC7 RIVER INTAKE SECTION

WATER RESOURCES RECEIVED  
JUL 10 2017

KS DEPT OF AGRICULTURE

No.	Revision	By	Date
CITY OF NEODESHA			
<b>RIVER INTAKE SECTION</b>			
NEODESHA RIVER INTAKE IMPROVEMENTS			
 <b>PEC</b> PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	RWG	Job No.	34-15E65-001
Drawn by	CAE	Date	JUNE 2017
			Sht. PC7 of 13