

Kansas Department of Agriculture
Division of Water Resources
PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: <p style="text-align: center;">49,377</p>	2. Status Change Date: <p style="text-align: center;">4/1/2019</p>	3. Field Office: <p style="text-align: center;">02</p>	4. GMD:
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5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

6. Enclosures: Check Valve N of C Form Water Tube Driller Copy Meter

7a. Applicant(s) New to system Person ID 29642
Add Seq# _____

**LUBRICATION ENGINEERS INC
V P MANUFACTURING OPER
PO BOX 16447/1919 E TULSA
WICHITA KS 67216**

7b. Landowner(s) New to system Person ID _____
Add Seq# _____

7A

7c. Landowner(s) New to system Person ID _____
Add Seq# _____

7d. Misc. New to system Person ID _____
Add Seq# _____

8. WUR Correspondent New to system Person ID _____
Overlap File (s) WUC Add Seq# _____
Agree Yes No Notarized WUC Form

7b.

9. Use of Water: Changing? Yes No

Groundwater Surface Water

IRR REC DEW MUN

STK SED DOM CON

HYD DRG WTR PWR ART RECHRG

IND SIC: 2992 OTHER: _____

10. Completion Date: 12/31/2020 11. Perfection Date: 12/31/2024 12. Exp Date: _____

13. Conservation Plan Required? Yes No Date Required: _____ Date Approved: _____ Date to Comply: _____

14. Water Level Measuring Device? Yes No Date to Comply: _____ Date WLMD Installed: _____

Date Prepared: 3/5/19 By: MJM
Date Entered: 4/1/2019 By: UM

File No. **49,377** 15. Formation Code: 100 Drainage Basin: Arkansas River (Lower Ark) County: SG Special Use: Stream:

16. Points of Diversion

MOD	DEL	ENT	PDIV	Qualifier	S	T	R	ID	'N	'W
MDD			84303	SESWSW	3	28S	1E	11	215	4295

overall rate →

17. Rate and Quantity

Authorized		Additional		Overlap PD Files
Rate gpm	Quantity af	Rate gpm	Quantity af	
30.65	44.27	30.65	44.27	None
30.65	11.22mg	30.65	11.22mg	(34.43AF)
30.65	9.84 AF		9.84 AF	(3.21mg)

18. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

19. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

20. Meter Required? Yes No To be installed by 12/31/2020 Date Acceptable Meter Installed _____

21. Place of Use

MOD	DEL	ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files
								NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
IND			66848	3	28S	1E	5	Industrial Plant in SW¼ SW¼																	7b		none
IRR			66849	3	28S	1E	6														3.28		7b				

Comments: Application is requesting total of 44.27 AF: 34.43 AF will be for Industrial use; 9.84 AF will be for irrigation use. Requested quantity was reduced during the processing of the application which was verified with the applicant's consultant via email.

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: March 5, 2019

FROM: Matt Meier

RE: Application File Nos. 49,377

Lubrication Engineers, Inc. has filed the above referenced application proposing to appropriate 44.27 acre-feet of groundwater per year at a proposed rate of diversion of 30.65 gallons per minute. Out of the 44.27 acre-feet being requested, 34.43 acre-feet will be for industrial use and 9.84 acre-feet will be for irrigation use. The proposed point of diversion is a single existing well located in the Southwest Quarter of the Southwest Quarter of the Southwest Quarter (SW1/4 SW1/4 SW1/4) of section 3, more particularly described as being near a point 215 feet North and 4,295 feet West of the Southeast corner of said section, Township 28 South, Range 1 East, Sedgwick County, within the Arkansas (Lower Ark) River drainage basin. The proposed industrial place of use is an industrial plant located in the Southeast Quarter of the Southwest Quarter (SW1/4 SW1/4) of Section 3, Township 28 South, Range 1 East, Sedgwick County. The proposed irrigation place of use is 3.28 acres located in the Southeast Quarter of the Southwest Quarter (SW1/4 SW1/4) of Section 3, Township 28 South, Range 1 East, Sedgwick County. The entire proposed place of use is owned by Lubrication Engineers. There are no other existing water rights overlapping the proposed point of diversion and place of use. The requested quantity for irrigation use was reduced during the processing of the application which was verified with the applicant's consultant.

In 2004 the United States Geological Survey (USGS) completed a hydrologic model of a portion of the Arkansas River and associated drainage basins (Ninnescah River), generally bounded by Ranges 2 West to 3 East and Townships 26 South to 34 South (near state line). The USGS model indicated that the aquifer in this area receives more recharge from precipitation than DWR has historically used in safe yield calculations. The data and analyses are detailed in the USGS Scientific Investigations Report 2004-5204 entitled "Characterization and Simulation of Flow in the Lower Arkansas River Alluvial Aquifer, South-Central Kansas". In order to evaluate the potential impact of this study on our safe yield calculations, Division of Water Resources (DWR) suspended processing applications for new appropriations of water in the model area.

DWR recently completed an evaluation of the USGS model and has determined that the precipitation recharge value of 5.4 inches per year that is used in the USGS model is reasonable and appropriate. In order to reserve water in the alluvial aquifers that can contribute to base flow to area streams and for domestic use, it was determined that 75 percent of the 5.4 inches of precipitation recharge shall be available for appropriation. This is consistent with safe yield appropriation in many other basins across the state and is the current percent available in for all applications in the Ninnescah River drainage basin. Therefore, for all pending applications within the model area, safe yield will be evaluated using the standard methodology in K.A.R. 5-3-11, which is based on the extent of the unconfined aquifer (area of consideration), a Potential Annual Recharge value of 5.4 inches, and a percent of recharge available for appropriation of 75%. Current annual recharge across the model area is approximately 3 inches.

Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 6,314 acres. With a potential annual recharge of 5.4 inches, and 75% of recharge available for appropriation, safe yield was determined to be 2,130.89 acre-feet. Existing water rights have appropriated 478.94 acre-feet, providing a difference of 1,651.95 acre-feet available for appropriation, and the application requesting at combined total of 44.27 acre-feet complies with safe yield.

A completed drillers log for the existing well shows clay from 0 to 11 feet, sand from 11 to 15 feet, sand and gravel from 15 to 24 feet, and shale from 24 to 36 feet below ground with the static water level at 15 feet providing a saturated thickness of 9 feet. The well was completed in 1979. Typically for wells with less than 25 feet of saturated thickness a study is required before approval of an application. Since the well has been in use since 1979, 39 years, and there have been no known impairment issues or complaints a study would likely be unnecessary.

Due to the large number of nearby domestic wells the applicant requested that a public notice be run as well as mailing out nearby notification letters. The last public notice was published on July 2, 2018. No contact of any kind was received. An additional letter was sent to nearby well owner Cornejo & Sons LLC (File No. 45,461) on January 10, 2019 but no contact was received. According to the WRIS database, the nearest non-domestic point of diversion (File No. 45,461) is located 1,198 feet away. Based on the site map the nearest domestic well is further than 1,000 feet away. The proposed point of diversion meets minimum well spacing to all domestic wells but fails non-domestic spacing. Per the requirements in K.A.R. 5-4-4 for all other aquifers, the minimum well spacing should be one-quarter mile to all other non-domestic wells and 660 feet to domestic wells. As the well has been in use close to 40 years, requesting small rate, has never had reported impairment issues, no comment was received from the well owner the application fails spacing to, and was filed to bring an illegal use into compliance a waiver of spacing would appear reasonable in this case. Additionally, while there are no reported water level measurements in the area, a review of completed well logs in the section shows fairly consistent static water levels, ranging from 15 to 18 feet, for wells completed from the 1970s to late 2000's. This information appears to demonstrate that water levels in the area have been steady and approving the application with a waiver of spacing would be unlikely to change this. A final note is that the industrial use is for non-contact cooling and the water is discharged via unground piping to a nearby groundwater pit, which is being covered by application File No. 50098, leading to most of the industrial use likely recharging the aquifer.

The applicant is proposing to irrigate 3.28 acres of turf grass surrounding their building and parking lot. After working with their engineering group and comparing their water needs to other new water rights in the area, they decided they would need 3 acre-feet per acre for a total of 9.84 acre-feet. This obviously exceeds the maximum allowable for Sedgwick County, Kansas, per K.A.R. 5-3-24 of 1.3 acre-feet per acre. However, turf grass is considered to be a "specialty crop" by definition in K.A.R. 5-1-1 (xxx) "Specialty crop" means a crop other than a normal Kansas field crop. This term shall include turf grass, trees, vegetables, ornamentals, and other similar crops. Specialty crops require significantly more water than a normal field crop. After consulting with the applicant's engineers and comparing the application to recently approved new application in the area, they decided they would have an average need of 1.0 inch per week, which is consistent with information provided by the Kansas State University Extension Service and other watering information on hand. The applicant listed a total growing season of 36 week. Based on that the estimated use calculation would be: $36 \text{ weeks} \times 1" = 36" / 12"/1' = 3 \text{ AF/Acre}$. 3 AF/Acre multiplied by the estimated 3.28 acres gets a requested quantity of 9.84 AF: $3 \text{ AF/Acre} \times 3.28 \text{ Acres} = 9.84 \text{ AF}$. Based on this information the requested quantity appears reasonable.

For their industrial the applicant is requesting 34.43 AF. They provided separate calculations (see original application) which justified the requested quantity based on their current use from rate, hours pumped, and yearly operations.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

Lubrication Engineers, Inc
File No. 49,377
Page 3

The proposed application is subject to minimum desirable streamflow requirements. The applicant signed, notarized, and returned the required form to our office on June 28, 2018.

Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended approval of the referenced application on January 31, 2019. Based on the above discussion, safe yield criteria are met, a waiver of spacing appears justified, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.

Matthew J. Meier
Environmental Scientist
Permits Unit

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 12, 2019

FILE COPY

LUBRICATION ENGINEERS INC
V P MANUFACTURING OPER
PO BOX 16447/1919 E TULSA
WICHITA KS 67216

RE: Application, File No. 49,377

Dear Water User:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this permit. Water meters are required, and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. A separate meter will be needed to measure your irrigation use and industrial use. The meters should be used to provide the information required on the annual water use report.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed.

All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right. If you have any questions, please contact our office. 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 Application Unit Supervisor
Water Appropriation Program

Enclosures
pc: Stafford Field Office

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
and
PERMIT TO PROCEED**

(This is not a Certificate of Appropriation)

This is to certify that I have examined Application **File No. 49,377** of the applicant

**LUBRICATION ENGINEERS INC
V P MANUFACTURING OPER
PO BOX 16447/1919 E TULSA
WICHITA KS 67216**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

1. That the priority date assigned to such application is **April 27, 2015**.
2. That the water sought to be appropriated shall be used for industrial use at a plant located in the Southwest Quarter of the Southwest Quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, Township 28 South, Range 1 East, Sedgwick County, Kansas and for irrigation use on 3.28 acres located in the Southwest Quarter of the Southwest Quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, Township 28 South, Range 1 East, Sedgwick County, Kansas.
3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of a one (1) well, which is to be located in the Southeast Quarter of the Southwest Quarter of the Southwest Quarter (SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, more particularly described as being near a point 215 feet North and 4295 feet West of the Southeast corner of said section, in Township 28 South, Range 1 East, Sedgwick County, located substantially as shown on the topographic map accompanying the application.
4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **30.65 gallons per minute (0.068 c.f.s.)** and to a quantity not to exceed **11.22 million gallons (34.43 acre-feet)** of water per calendar year for industrial use and **9.84 acre-feet (3.21 million gallons)** of water per calendar year for irrigation use.
5. That installation of works for diversion of water shall be completed on or before **December 31, 2020** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$400.00, when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.
6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2024** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
12. That two (2) acceptable water flow meters shall be installed on the diversion works authorized by this permit in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. These two separate water flow meters shall be used to provide an accurate quantity of water diverted for each of the uses of water (industrial and irrigation use) as required for the annual water use report (including the meter reading at the beginning and ending of the report year).
13. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.
14. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.
15. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.
16. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

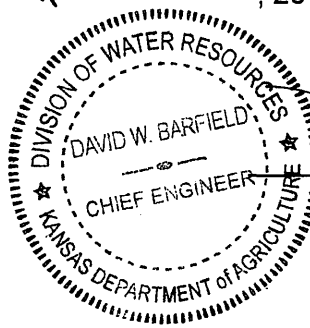
Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Ordered this 9th day of April, 2019, in Topeka, Shawnee County, Kansas.



David W. Barfield
 David W. Barfield, P.E.
 Chief Engineer
 Division of Water Resources
 Kansas Department of Agriculture

State of Kansas)
) SS
 County of Riley)

The foregoing instrument was acknowledged before me this 9th day of April, 2019, by David W. Barfield, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.



Karen Hunter
 Notary Public

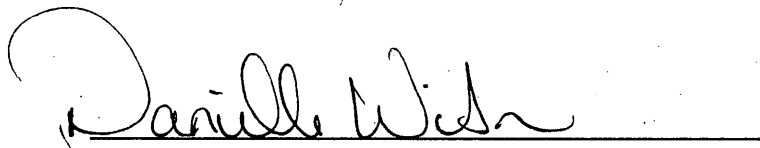
CERTIFICATE OF SERVICE

On this 12th day of April, 2019, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,377, dated April 9th, 2019 was mailed postage prepaid, first class, US mail to the following:

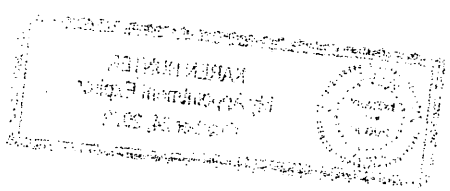
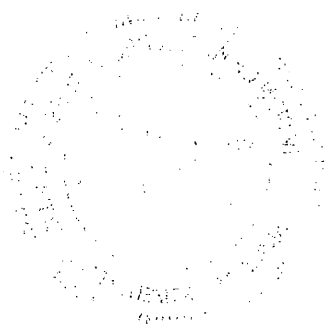
LUBRICATION ENGINEERS INC
V P MANUFACTURING OPER
PO BOX 16447/1919 E TULSA
WICHITA KS 67216

With photocopies to:

Stafford Field Office



Division of Water Resources



Kansas Department of Agriculture
 Division of Water Resources
WAIVER REQUEST & WAIVER RULE WORKSHEET

File Number: 49,377

FO: 2

GMD: _____

WAIVER REQUEST:

UMW	Date Requested	Rule ID	Applies	Rule Type	Rule Subtype
IRR & IND	4/27/2015	3	Statewide	Well Spacing	Unconfined
Rule Number	Date Granted	Date Denied	Justification:	As the well has been in use for close to 40 years, is 122 feet from meeting spacing requirements to the only well it fails spacing to, is requesting a small rate of diversion, has never had reported impairment issues, and was filed to bring an illegal use into compliance a waiver of spacing would appear reasonable in this case.	
K.A.R. 5-4-4(c)(1)(C)	4/1/2019				

WAIVER RULE (complete only if a new rule needs to be created):

Rule ID	Applicability	Type	Subtype	Rule Number	Date Active	Date Inactive
				K.A.R.		

Date Prepared _____ By _____

Date Entered 4/2/2019 By UCM

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Acting Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

WAIVER OF REGULATION
K.A.R. 5-4-4 (c)(1)(C) Well Spacing

Date: 4/1, 2019

Re: Application, File No. 49,377

1. That the well under the above referenced application does not meet minimum well spacing criteria as required by K.A.R. 5-4-4(c)(1)(C) because it is located approximately 1,198 feet from another non-domestic well (Authorized by File No. 45,461).
2. That K.A.R. 5-4-4(c)(1)(C) requires a minimum well spacing of 1,320 feet between non-domestic wells whose common source of supply is an unconfined aquifer system.
3. That the well is close to meeting spacing to File No. 45,461 (122 feet short) which is the only well it fails to meet spacing too.
4. That the well requested in the application has been in use for close to 40 years and there have been not reported impairment issues.
5. That the requested rate of diversion is low (30.65 gallons-per-minute) which should help limit the applications possible impact on any nearby wells.
6. That the majority of the requested water (34.43 Acre-Feet of the requested 44.27 Acre-feet) is being used for non-contact cooling and is pumped into a nearby groundwater pit limiting the applications impact on the aquifer.
7. That the application is being requested to bring an illegally used well, which has been in operation for close to 40 years, into compliance with Kansas water laws.
8. That a waiver of K.A.R. 5-4-4(c)(1)(C) will not prejudicially or unreasonably affect the public interest and should not impair any existing water rights.

Comments:

A handwritten signature in cursive script that reads "David W. Barfield".

David W. Barfield, P.E.
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture



APPLICATION COMPLETE
7/19/19
Reviewer AKM/SPKO
1-31-19 KAB

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49,377
This item to be completed by the Division of Water Resources.

**APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE**
Filing Fee Must Accompany the Application
(Please refer to Fee Schedule attached to this application form.)

WATER RESOURCES
RECEIVED
APR 27 2015
3:01
KS DEPT OF AGRICULTURE

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,
1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): Lubrication Engineers, Inc.
Address: 1919 East Tulsa Street, PO Box 16447
City: Wichita State Kansas Zip Code 67216
Telephone Number: (316) 529-2112

2. The source of water is: surface water in _____ (stream)
OR groundwater in Lower Arkansas (drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 44.27 ^{24.45 AF Industrial, based on letter from ISI on 7/19/18} 9.84 ^{1.5 AF for irrigation. See quantity reduced to meet reasonable quantity. 1/9/19} acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 30.65 gallons per minute OR _____ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):
(a) Artificial Recharge (b) Irrigation (c) Recreational (d) Water Power
(e) Industrial (f) Municipal (g) Stockwatering (h) Sedimentation
(i) Domestic (j) Dewatering (k) Hydraulic Dredging (l) Fire Protection
(m) Thermal Exchange (n) Contamination Remediation

RECEIVED
AUG 06 2018

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE. ^{Stanford Field Office} Division of Water Resources

For Office Use Only:
F.O. 2 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use IND/IRR Source G/S County SG By KAB Date 4-28-15
Code REG Fee \$ 200 TR # 1505042 Receipt Date 4-08-15 Check # 62879

4/30/2015
LM
SCANNED

*MSM/SFFO

Updated fortages as E/W was originally measured from SW section corner US SE.

File No. _____

5. The location of the proposed wells, pump sites or other works for diversion of water is:

Note: For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

- (A) One in the SE quarter of the SW quarter of the SW quarter of Section 3, more particularly described as being near a point 215 feet North and 985 feet West of the Southeast corner of said section, in Township 28 South, Range 1 East/West (circle one), Sedgwick County, Kansas.
- (B) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (C) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

Lubrication Engineers, Inc. 300 Bailey Avenue Ft. Worth, Texas 76107 (817) 916-3200

(name, address and telephone number)

(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on 4-16, 2015. Danen G Booth Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of 1 (number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) 09/14/1979 (Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be 09/14/1979 (Mo/Day/Year)

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- 9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
 Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

- 10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

- If yes, show the Water Structures permit number here _____
- If no, explain here why a Water Structures permit is not required _____

- 11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

- 12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

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13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	09/14/1979	_____	_____	_____
Total depth of well	36'	_____	_____	_____
Depth to water bearing formation	10'	_____	_____	_____
Depth to static water level	15'	_____	_____	_____
Depth to bottom of pump intake pipe	29'	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of owner
(owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):
Lubrication Engineers, Inc. 300 Bailey Avenue Ft. Worth, Texas 76107 (817) 916-3200
(name, address and telephone number)

(name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at _____, Kansas, this _____ day of _____, _____
(month) (year)

(Applicant Signature)

By Darren G. Booth
(Agent or Officer Signature)

Darren G. Booth
(Agent or Officer - Please Print)

Assisted by _____, _____ Date: _____
(office/title)

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* M/M/SFFO
 updated to show irrigated acres
 corrected

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49,377

Name of Applicant (Please Print): Lubrication Engineers, Inc.

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

Landowner of Record NAME: Lubrication Engineers, Inc.
 ADDRESS: 300 Bailey Ave. Ft. Worth, TX 76107

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3	285	1E											3.28						3.28*

Landowner of Record NAME: _____
 ADDRESS: _____

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Landowner of Record NAME: _____
 ADDRESS: _____

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

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**INDUSTRIAL USE
SUPPLEMENTAL SHEET**

File No. 49,377

Name of Applicant (Please Print): Lubrication Engineers, Inc.

1. Please describe type of industry or product produced: Petroleum Based Automotive and Industrial Lubricants Standard Industrial Classification Code Number: 2992

2. Please complete the following table to show your past and present water requirements:
Non-contact cooling, not directly related to production amount

PAST PRODUCT PRODUCTION AND WATER DIVERTED, IF APPLICABLE N/A

LAST 5 YEARS	AMOUNT OF PRODUCT	WATER DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
5 years ago			
Last year			
Present year			

3. Please complete the following table to show your future water requirements:

ESTIMATED FUTURE PRODUCT PRODUCTION AND WATER DIVERTED N/A

NEXT 5 YEARS	AMOUNT OF PRODUCT	WATER TO BE DIVERTED (GALLONS)	GALLONS PER PRODUCT PER DAY
Year 1			
Year 2			
Year 3			
Year 4			
Year 5			

Number of days of operation of the industry per year is 365 days.

Please attach any tables, curves or additional information showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T), and Range (R), and the number of acres in each forty acre tract or fractional portion thereof.

* Industrial facility in SW 1/4 of SW 1/4 * ASD/SFPO modified to match similar industrial use elsewhere

S	T	R	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
<u>3</u>	<u>28S</u>	<u>1E</u>												<u>3/16</u>					<u>3/16</u>

You may attach any additional information you believe will assist in informing the Division of the need for your request.

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KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: January 30, 2019

FROM: Matt Meier

RE: Application File Nos. 49,377

Lubrication Engineers, Inc. has filed the above referenced application proposing to appropriate 44.27 acre-feet of groundwater per year at a proposed rate of diversion of 30.65 gallons per minute. Out of the 44.27 acre-feet being requested, 34.43 acre-feet will be for industrial use and 9.84 acre-feet will be for irrigation use. The proposed point of diversion is a single existing well located in the Southwest Quarter of the Southwest Quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$) of section 3, more particularly described as being near a point 215 feet North and 4,295 feet West of the Southeast corner of said section, Township 28 South, Range 1 East, Sedgwick County, within the Arkansas (Lower Ark) River drainage basin. The proposed industrial place of use is an industrial plant located in the Southeast Quarter of the Southwest Quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, Township 28 South, Range 1 East, Sedgwick County. The proposed irrigation place of use is 3.28 acres located in the Southeast Quarter of the Southwest Quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, Township 28 South, Range 1 East, Sedgwick County. The entire proposed place of use is owned by Lubrication Engineers. There are no other existing water rights overlapping the proposed point of diversion and place of use. The requested quantity for irrigation use was reduced during the processing of the application which was verified with the applicant's consultant.

In 2004 the United States Geological Survey (USGS) completed a hydrologic model of a portion of the Arkansas River and associated drainage basins (Ninnescah River), generally bounded by Ranges 2 West to 3 East and Townships 26 South to 34 South (near state line). The USGS model indicated that the aquifer in this area receives more recharge from precipitation than DWR has historically used in safe yield calculations. The data and analyses are detailed in the USGS Scientific Investigations Report 2004-5204 entitled "Characterization and Simulation of Flow in the Lower Arkansas River Alluvial Aquifer, South-Central Kansas". In order to evaluate the potential impact of this study on our safe yield calculations, Division of Water Resources (DWR) suspended processing applications for new appropriations of water in the model area.

DWR recently completed an evaluation of the USGS model and has determined that the precipitation recharge value of 5.4 inches per year that is used in the USGS model is reasonable and appropriate. In order to reserve water in the alluvial aquifers that can contribute to base flow to area streams and for domestic use, it was determined that 75 percent of the 5.4 inches of precipitation recharge shall be available for appropriation. This is consistent with safe yield appropriation in many other basins across the state and is the current percent available in for all applications in the Ninnescah River drainage basin. Therefore, for all pending applications within the model area, safe yield will be evaluated using the standard methodology in K.A.R. 5-3-11, which is based on the extent of the unconfined aquifer (area of consideration), a Potential Annual Recharge value of 5.4 inches, and a percent of recharge available for appropriation of 75%. Current annual recharge across the model area is approximately 3 inches.

Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 6,314 acres. With a potential annual recharge of 5.4 inches, and 75% of recharge available for appropriation, safe yield was determined to be 2,130.89 acre-feet. Existing water rights have appropriated 478.94 acre-feet, providing a difference of 1,651.95 acre-feet available for appropriation, and the application requesting at combined total of 44.27 acre-feet complies with safe yield.

A completed drillers log for the existing well shows clay from 0 to 11 feet, sand from 11 to 15 feet, sand and gravel from 15 to 24 feet, and shale from 24 to 36 feet below ground with the static water level at 15 feet providing a saturated thickness of 9 feet. The well was completed in 1979. Typically for wells with less than 25 feet of saturated thickness a study is required before approval of an application. Since the well has been in use since 1979, 39 years, and there have been no known impairment issues or complaints a study would likely be unnecessary.

Due to the large number of nearby domestic wells the applicant requested that a public notice be run as well as mailing out nearby notification letters. The last public notice was published on July 2, 2018. No contact of any kind was received. An additional letter was sent to nearby well owner Cornejo & Sons LLC (File No. 45,461) on January 10, 2019 but no contact was received. According to the WRIS database, the nearest non-domestic point of diversion (File No. 45,461) is located 1,198 feet away. Based on the site map the nearest domestic well is further than 1,000 feet away. The proposed point of diversion meets minimum well spacing to all domestic wells but fails non-domestic spacing. Per the requirements in K.A.R. 5-4-4 for all other aquifers, the minimum well spacing should be one-quarter mile to all other non-domestic wells and 660 feet to domestic wells. As the well has been in use close to 40 years, requesting small rate, has never had reported impairment issues, no comment was received from the well owner the application fails spacing to, and was filed to bring an illegal use into compliance a waiver of spacing would appear reasonable in this case. Additionally, while there are no reported water level measurements in the area, a review of completed well logs in the section shows fairly consistent static water levels, ranging from 15 to 18 feet, for wells completed from the 1970s to late 2000's. This information appears to demonstrate that water levels in the area have been steady and approving the application with a waiver of spacing would be unlikely to change this. A final note is that the industrial use is for non-contact cooling and the water is discharged via unground piping to a nearby groundwater pit, which is being covered by application File No. 50098, leading to most of the industrial use likely recharging the aquifer.

The applicant is proposing to irrigate 3.28 acres of turf grass surrounding their building and parking lot. After working with their engineering group and comparing their water needs to other new water rights in the area, they decided they would need 3 acre-feet per acre for a total of 9.84 acre-feet. This obviously exceeds the maximum allowable for Sedgwick County, Kansas, per K.A.R. 5-3-24 of 1.3 acre-feet per acre. However, turf grass is considered to be a "specialty crop" by definition in K.A.R. 5-1-1 (xxx) "Specialty crop" means a crop other than a normal Kansas field crop. This term shall include turf grass, trees, vegetables, ornamentals, and other similar crops. Specialty crops require significantly more water than a normal field crop. After consulting with the applicant's engineers and comparing the application to recently approved new application in the area, they decided they would have an average need of 1.0 inch per week, which is consistent with information provided by the Kansas State University Extension Service and other watering information on hand. The applicant listed a total growing season of 36 week. Based on that the estimated use calculation would be: $36 \text{ weeks} \times 1" = 36" / 12"/1' = 3 \text{ AF/Acre}$. 3 AF/Acre multiplied by the estimated 3.28 acres gets a requested quantity of 9.84 AF: $3 \text{ AF/Acre} \times 3.28 \text{ Acres} = 9.84 \text{ AF}$. Based on this information the requested quantity appears reasonable.

For their industrial the applicant is requesting 34.43 AF. They provided separate calculations (see original application) which justified the requested quantity based on their current use from rate, hours pumped, and yearly operations.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

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Lubrication Engineers, Inc
File No. 49,377
Page 3

The proposed application is subject to minimum desirable streamflow requirements. The applicant signed, notarized, and returned the required form to our office on June 28, 2018.

Based on the above discussion, safe yield criteria are met, a waiver of spacing appears justified, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.

Matthew J. Meier
Environmental Scientist
Permits Unit

1/31/19

Concur w/ Recommendation

Approve it

JR W.C.

Meier, Matt [KDA]

From: Meier, Matt [KDA]
Sent: Tuesday, January 8, 2019 9:41 AM
To: James Overheul
Subject: RE: Lubrication Engineers - Justification Calcs

Sounds good.

I'll make the changes and get the app moving again.

Matt Meier
Environmental Scientist
Stafford Field Office
Matt.meier@ks.gov
620-234-5311

From: James Overheul <JOverheul@isienvironmental.com>
Sent: Tuesday, January 8, 2019 9:34 AM
To: Meier, Matt [KDA] <Matt.Meier@ks.gov>
Subject: RE: Lubrication Engineers - Justification Calcs

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Matt,
The 9.84 AF will work for them.

We really appreciate the flexibility.

Regards,

James Overheul
iSi Environmental
Manager, Safety and Industrial Hygiene
(o) 316-264-7050
(m) 316-706-1195
Email: joverheul@isienvironmental.com

From: Meier, Matt [KDA] [<mailto:Matt.Meier@ks.gov>]
Sent: Tuesday, January 8, 2019 9:28 AM
To: James Overheul <JOverheul@isienvironmental.com>
Subject: RE: Lubrication Engineers - Justification Calcs

James,

I discussed this with my supervisors and they are ok with the applicant requesting 8 months instead of 7 months. Adding another month (4 weeks) would bump the irrigation season from 32 weeks to 36 weeks and the proposed quantity from 8.76 AF to **9.84 AF**.

Estimated Water Needs: $36 \text{ Weeks} \times 1'' = 32' / 12'' / 1' = 3\text{AF}$ Proposed PU: 3.28 Acres Proposed Quantity:
 $3.28 \times 3 = \mathbf{9.84\text{AF}}$

If the **9.84 AF** works for them please let me know. I will then make the changes to the application and finalize my review of the application. Let me know if you have any other questions.

Thanks,

Matt Meier
Environmental Scientist
Stafford Field Office
Matt.meier@ks.gov
620-234-5311

From: James Overheul <JOverheul@isienvironmental.com>
Sent: Monday, January 7, 2019 1:34 PM
To: Meier, Matt [KDA] <Matt.Meier@ks.gov>
Subject: RE: Lubrication Engineers - Justification Calcs

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Matt,
We would like to request an 8 month irrigation season versus the 7 months. Could you please evaluate that option and let me know if that would be acceptable?

Thanks,

James Overheul
iSi Environmental
Manager, Safety and Industrial Hygiene
(o) 316-264-7050
(m) 316-706-1195
Email: joverheul@isienvironmental.com

From: Meier, Matt [KDA] [<mailto:Matt.Meier@ks.gov>]
Sent: Wednesday, December 19, 2018 12:50 PM
To: James Overheul <JOverheul@isienvironmental.com>
Subject: RE: Lubrication Engineers - Justification Calcs

James,

Sorry about the delay in getting back to you, things have been swamped around here and it has been time consuming tracking down examples and information for the reasonable irrigated quantities for grass.

After discussing it with multiple coworkers & supervisors, **we can't accept rate multiplied by the estimated time pumped as a reasonable justification** for the higher acre-feet per acre than allowed in K.A.R. 5-3-19(a). Additionally, compared to similar existing water rights in Sedgwick County and information on turf grass water needs, the requested 4.26 acre-feet per acre appears unreasonable.

From looking through multiple documents on Turf Grass needs put out by the K-State Research & Extension and irrigation sprinklers dealers, we would be ok with the applicant requesting 1" of water per week multiplied by the overall number of weeks they plan on irrigating. This also fits with several other existing grass irrigation water rights we have in the Sedgwick County area. Based on your estimated irrigation season of 7 months, you would be looking at roughly 32 weeks (if March through September). The calculation would then look like this:

Estimated Water Needs: 32 Weeks x 1" = 32' / 12"/1' = 2.67AF Proposed PU: 3.28
Acres Proposed Quantity: 3.28 x 2.67 = **8.76AF**

8.76 AF would likely be close to the max we would consider without significant additional justification (I.E. proof the applicant's specific grass type and soil type require significantly more water than average). If the applicant would like to request a slightly longer growing/irrigation season versus the 7 months listed in your initial supporting information we could look at that.

Please let me know if the applicant is ok with the quantity reduction for irrigation use. If so I can finish processing the application and get the approval recommendation sent out.

Thanks,

Matt Meier
Environmental Scientist
Stafford Field Office
Matt.meier@ks.gov
620-234-5311

From: Meier, Matt [KDA]
Sent: Wednesday, October 24, 2018 10:57 AM
To: 'James Overheul' <JOverheul@isienvironmental.com>
Subject: RE: Lubrication Engineers - Justification Calcs

James,

Got your email and looking it over now. Apparently there was some confusion based on my earlier email about the maximum allowable acre-feet per acre for irrigation (which is attached below).

“ For Irrigation use: **The maximum allowable use for irrigation in Sedgwick county is 1.3 acre-feet per acre, as set forth in K.A.R. 5-3-19(a), which based on the proposed place of use would equal 4.27 acre-feet.** The current application is requesting 4.57 acre-feet per acre. K.A.R. 5-3-20(c)(1) does allow a greater acre-feet per acre to be requested and perfected; however, some justification for the greater use must be provided. “

4.27 AF is the total maximum quantity that could be requested based on the irrigated acres, listed as 3.28 acres on the irrigation supplemental sheet, multiplied by the 1.3 AF/Acre. $3.28 \text{ acres} \times 1.3 \text{ AF/Acre} = 4.264 \text{ AF}$.

I'm going to check with my supervisor to see if the pumping rate and estimated time of operation will be enough qualify for K.A.R. 5-3-20(c)(1), which allows for more than 1.3AF/Acre, or if we will need some other information.

A possible hypothetical example would be the grass in question needs 24"/acre of rain per year to grow so requesting 6.56 AF ($24"/12"/\text{AF} = 2 \text{ AF/acre} \times 3.28 \text{ acres} = 6.56 \text{ AF}$)

The industrial use justification does look good though so one more part done. I'll let you know what I find out about the irrigation portion and can move on from there.

Matt

From: James Overheul <JOverheul@isienvironmental.com>

Sent: Wednesday, October 24, 2018 9:41 AM

To: Meier, Matt [KDA] <Matt.Meier@ks.gov>

Subject: Lubrication Engineers - Justification Calcs

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Matt,

Here is the spreadsheet documenting the justification of our requested amounts.

Regards,

James

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

215 ft N and 4295 ft W of the SE Corner of Section 3, T 28S, R 1E

Located at: 97.313356 West Longitude and 37.635630 North Latitude

GROUNDWATER ONLY

#49377

Fails spacing to 45461

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit	
A__ 7486	00	IRR	NK	G	10431	--	NW	NW	NW	5180	4880	34	27	1E	2	14.00	14.00	AF	
A__ 7490	00	IRR	NK	G	8035	--	SE	NE	NE	4260	500	5	28	1E	1	19.00	19.00	AF	
A__ 39276	00	IND	NK	G	1717	--	SE	NE	NW	4092	3085	10	28	1E	7 G 4	12.28	12.28	AF	
Same					1485	--	SE	NE	NW	4340	3173	10	28	1E	8 B 4				
Same					1748	--	SE	NE	NW	4060	3073	10	28	1E	9 B 4				
Same					1962	--	SE	NE	NW	4060	2773	10	28	1E	10 B 4				
Same					1715	--	NW	SE	NW	3910	3323	10	28	1E	12 B 4				
A__ 45461	00	IND	NK	G	1198	--	SW	SE	SW	852	3280	3	28	1E	2	15.74	15.74	AF	
A__ 47116	00	REC	MM	G	7661	--	NC	N2	SE	2168	1313	8	28	1E	9	85.00	85.00	AF	
A__ 47602	00	IRR	LO	G	8794	--	SE	SE	NW	3320	2780	8	28	1E	12	13.00	13.00	AF	
A__ 47610	00	IRR	LO	G	10072	--	NW	NE	SW	2540	3928	8	28	1E	13	9.75	9.75	AF	
A__ 48403	00	IND	GY	G	4834	--	SE	NW	NW	4300	4200	9	28	1E	3	65.00	65.00	AF	
A__ 48643	00	IND	GY	G	5204	--	--	--	--	856	4179	4	28	1E	6	1.35	1.35	AF	
A__ 48855	00	IRR	GY	G	9825	--	NW	SE	SE	1300	1102	32	27	1E	2	161.30	161.30	AF	
A__ 48861	00	IRR	GY	G	7196	--	--	--	--	5350	4085	4	28	1E	7	161.30	.00	AF	
A__ 48862	00	IRR	GY	G	7815	--	--	--	--	5350	4930	4	28	1E	8	161.30	.00	AF	
A__ 48863	00	IRR	GY	G	9279	--	SW	NW	SW	1970	4890	33	27	1E	6	161.30	.00	AF	
A__ 48864	00	IRR	GY	G	8840	--	SE	NW	SW	1970	4170	33	27	1E	7	161.30	.00	AF	
A__ 48866	00	IRR	GY	G	10375	--	SW	NE	NW	3990	3810	33	27	1E	8	185.00	.00	AF	
A__ 49377	00	IND	AY	G	3310	--	SE	SW	SW	215	985	3	28	1E	11	49.43	49.43	AF	
A__ 49377	00	IRR	AY	G	3310	--	SE	SW	SW	215	985	3	28	1E	11	.00	.00	AF	
A__ 49680	00	REC	GY	G	10414	--	SW	NE	SW	1370	3950	8	28	1E	14	35.90	35.90	AF	
A__ 49753	00	REC	AY	G	8417	--	NW	NW	SE	2230	2000	5	28	1E	3	66.70	66.70	AF	
T__ 949151	00	CON	GY	G	10070	--	NW	SW	NE	3901	2331	14	28	1E	1	193.60	193.60	AF	
T__ 949153	00	CON	GY	G	8629	--	NW	SE	SE	3735	1215	11	28	1E	2	16.10	16.10	AF	
T__ 949154	00	CON	GY	G	7977	--	SE	NE	SW	1359	2872	11	28	1E	1	242.00	242.00	AF	
T__ 949155	00	CON	GY	G	10156	--	SW	NW	NW	4174	4864	12	28	1E	1	16.10	16.10	AF	
T__ 949156	00	CON	GY	G	9870	--	SW	SE	SE	588	1119	11	28	1E	3	32.20	32.20	AF	
T__ 979070	00	CON	KE	G	6350	--	SE	NW	SW	1747	4563	11	28	1E	4	80.70	80.70	AF	
T__ 979101	00	CON	GY	G	6958	--	NE	NE	NE	4925	610	15	28	1E	22	218.00	218.00	AF	
T__ 20129414	00	CON	GY	G	6715	--	SW	SE	NW	3200	3371	11	28	1E	5	81.00	81.00	AF	
T__ 20129415	00	CON	GY	G	7808	--	NW	NW	NW	4743	4723	14	28	1E	3	81.00	81.00	AF	
P__ 20170287	00	DEW	GY	G	5680	--	NW	NW	NE	5685	2050	15	28	1E	26	265.15	265.15	AF	
P__ 20180027	00	DEW	GY	G	5278	--	SW	SW	SE	300	2530	10	28	1E	14	63.64	63.64	AF	
P__ 20180029	00	DEW	GY	G	8741	--	NW	SW	NE	2303	2607	15	28	1E	27	169.70	169.70	AF	
VSG	16	00	IND	AA	G	5865	--	--	--	2468	4790	9	28	1E	7 G 4	8.82	8.82	AF	
Same					5764	--	--	--	--	2546	4713	9	28	1E	2 B 4				
Same					6003	--	--	--	--	2546	4971	9	28	1E	4 B 4				
Same					5795	--	--	--	--	2380	4675	9	28	1E	5 B 4				
Same					5901	--	--	--	--	2400	4800	9	28	1E	6 B 4				
VSG	95	00	IRR	AA	G	9523	--	SW	NW	NW	-----	-----	34	27	1E	1	50.00	50.00	AF

Priority date 6/9/04

45461

1198

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	116.13	.00
Total Permitted Amount (AF) =	1722.73	.00
Total Inspected Amount (AF) =	22.75	.00

Total Pro_Cert Amount (AF) = 85.00 .00
 Total Certified Amount (AF) = 61.01 .00
 Total Vested Amount (AF) = 58.82 .00
 TOTAL AMOUNT (AF) = 2066.45 .00

An * after the source of supply indicates a pending application for change for the file number.
 An ** after the ID indicates a 15 AF exemption was granted for the file number.
 A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.
 The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

97.313356 West Longitude and 37.635630 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

=====

File Number Use ST SR
 A__ 7486 00 IRR NK G
 > CITY OF WICHITA PARKS & RECREATION
 > LINWOOD PARK N
 > 455 N MAIN ST
 > WICHITA KS 67202
 >-----

A__ 7490 00 IRR NK G
 > CITY OF WICHITA PARKS & RECREATION
 > HERMAN HILL PARK
 > 455 N MAIN ST
 > WICHITA KS 67202
 >-----

A__ 39276 00 IND NK G
 > CITY OF WICHITA
 > PUBLIC WORKS & UTILITIES-WTP
 > 455 N MAIN ST 8TH FLOOR
 > WICHITA KS 67202
 >-----

A__ 45461 00 IND NK G
 > CORNEJO & SONS INC
 > 2060 E TULSA
 > PO BOX 16204
 > WICHITA KS 67216
 >-----

A__ 47116 00 REC MM G
 > CORNEJO & SONS INC
 > 2060 E TULSA
 > PO BOX 16204
 > WICHITA KS 67216
 >-----

A__ 47602 00 IRR LO G
 > UNIFIED SCHOOL DISTRICT #259
 > FACILITES DIRECTOR
 > 3850 N HYDRAULIC ST
 > WICHITA KS 67219
 >-----

A__ 47610 00 IRR LO G

#49377

> UNIFIED SCHOOL DISTRICT #259
 > FACILITES DIRECTOR
 > 3850 N HYDRAULIC ST
 > WICHITA KS 67219

A__ 48403 00 IND GY G
 > BOB BERGKAMP CONSTRUCTION CO INC
 >
 > 3709 S WEST ST
 > WICHITA KS 67217

A__ 48643 00 IND GY G
 > BOB BERGKAMP CONSTRUCTION CO INC
 >
 > 3709 S WEST ST
 > WICHITA KS 67217

A__ 48855 00 IRR GY G
 > CITY OF WICHITA PARKS & RECREATION
 > OJ WATSON PARK
 > 455 N MAIN ST 11TH FLOOR
 > WICHITA KS 67202

A__ 48861 00 IRR GY G
 > CITY OF WICHITA PARKS & RECREATION
 > OJ WATSON PARK
 > 455 N MAIN ST 11TH FLOOR
 > WICHITA KS 67202

A__ 48862 00 IRR GY G
 > CITY OF WICHITA PARKS & RECREATION
 > OJ WATSON PARK
 > 455 N MAIN ST 11TH FLOOR
 > WICHITA KS 67202

A__ 48863 00 IRR GY G
 > CITY OF WICHITA PARKS & RECREATION
 > OJ WATSON PARK
 > 455 N MAIN ST 11TH FLOOR
 > WICHITA KS 67202

A__ 48864 00 IRR GY G
 > CITY OF WICHITA PARKS & RECREATION
 > OJ WATSON PARK
 > 455 N MAIN ST 11TH FLOOR
 > WICHITA KS 67202

A__ 48866 00 IRR GY G
 > CITY OF WICHITA PARKS & RECREATION
 > OJ WATSON PARK
 > 455 N MAIN ST 11TH FLOOR
 > WICHITA KS 67202

>-----

A__ 49377 00 IND AY G
> LUBRICATION ENGINEERS INC
> V P MANUFACTURING OPER
> PO BOX 16447/1919 E TULSA
> WICHITA KS 67216

>-----

A__ 49377 00 IRR AY G
> LUBRICATION ENGINEERS INC
> V P MANUFACTURING OPER
> PO BOX 16447/1919 E TULSA
> WICHITA KS 67216

>-----

A__ 49680 00 REC GY G
> TCRS LLC
> JEFF LOWRANCE
> 4911 S MERIDIAN
> WICHITA KS 67217

>-----

A__ 49753 00 REC AY G
> CITY OF WICHITA PARKS & RECREATION
> OAK PARK STONE ARCH
> 455 N MAIN ST
> WICHITA KS 67202

>-----

T__ 949151 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

>-----

T__ 949153 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

>-----

T__ 949154 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

>-----

T__ 949155 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

>-----

T__ 949156 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN

49,377

> 2727 EAST MACARTHUR
> WICHITA KS 67216

T_ 979070 00 CON KE G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

T_ 979101 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

T_ 20129414 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

T_ 20129415 00 CON GY G
> BOEING COMMERCIAL AIRPLANE
> MIKE SPAIN
> 2727 EAST MACARTHUR
> WICHITA KS 67216

P_ 20170287 00 DEW GY G
> WILDCAT CONST CO INC
>
> PO BOX 9163
> WICHITA KS 67277

P_ 20180027 00 DEW GY G
> WILDCAT CONST CO INC
>
> PO BOX 9163
> WICHITA KS 67277

P_ 20180029 00 DEW GY G
> WILDCAT CONST CO INC
>
> PO BOX 9163
> WICHITA KS 67277

VSG 16 00 IND AA G
> GENE M & BARBARA J CAMPBELL
> CAMPBELL'S PHOENIX GREENHOUSE
> 3560 S BROADWAY ST
> WICHITA KS 67216

VSG 95 00 IRR AA G

> CITY OF WICHITA PARKS & RECREATION
> LINWOOD PARK
> 455 N MAIN ST
> WICHITA KS 67202

>-----
=====

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth Quant	Add Quant	Tot Acres	Net Acres
A 49377 00	IND	AY	G		SE	SW	SW	215	985	03	28	01E	11	WR	49.43	49.43		
A 49377 00	IRR	AY	G		SE	SW	SW	215	985	03	28	01E	11	WR	49.43	49.43	3.16	3.16
A 49680 00	REC	GY	G		SW	NE	SW	1370	3950	08	28	01E	14	WR	35.90	35.90		
A 49753 00	REC	AY	G		NW	NW	SE	2230	2000	05	28	01E	3	WR	66.70	66.70		

102.6

Limitations

File Number	Seq Num	Limitations
A 48861 00	1	185 AF/YR COM/W #48855, 48856, 48858 & 48859-A
A 48862 00	1	185 AF/YR COM/W #48855 ETAL (SEE FILE FOR DETAILS)
A 48863 00	1	185 AF/YR COM/W #48855 ETAL (SEE FILE FOR DETAILS)
A 48864 00	1	185 AF/YR COM/W #48855 ETAL (SEE FILE FOR DETAILS)
A 48866 00	1	185 AF/YR COM/W #48855 ETAL (SEE FILE FOR DETAILS)



215 S Laura ▪ Wichita, KS 67211 ▪ Phone: (316) 264-7050 ▪ Fax: (316) 264-0709 ▪ www.iSienviromental.com

CERTIFIED MAIL

July 16, 2018

Matt Meier
Department of Agriculture
Division of Water Resources
Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

RE: Pending Application, File No. 49,377

Dear Mr. Meier:

On behalf of Lubrication Engineers, Inc. (LE), iSi Environmental (iSi) is providing the following responses to your letter dated May 4, 2018 regarding the Pending Application for File No. 49,377. A copy of the letter is enclosed for reference.

1. LE is requesting the initial 49.43 acre-feet of water per year be split between industrial use and irrigation use as follow:
 - a. Industrial use appropriation of 34.43 acre-feet of water per year. This quantity will meet LE's current needs and allow for reasonable additional expansion of their manufacturing capabilities.
 - b. Irrigation use appropriation of 15 acre-feet of water per year. This quantity will meet LE's current needs and allow for reasonable additional expansion of their buildings and grounds to coincide with manufacturing expansion.
2. Your statement regarding the well location footages is correct.
3. The updated drawing is enclosed with this letter.
4. The Minimum Desirable Streamflow (MDS) form has been signed and notarized. It is enclosed with this letter.
5. The Legal Proof of Publication is enclosed with this letter.
6. The signed groundwater permit application has been signed and is enclosed with this letter.

If you have any questions, please do not hesitate to contact me at (316) 264-7050, or via email at joverheul@iSienviromental.com.

RECEIVED

JUL 19 2018

Sincerely,



James Overheul
Manager, Safety and Industrial Hygiene

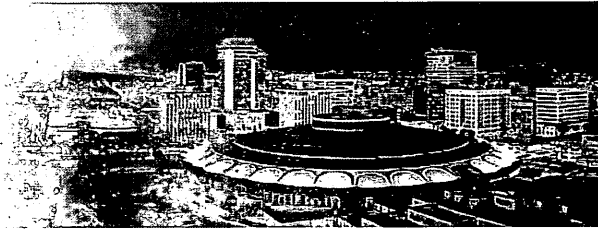
Enclosures: Department of Agriculture Pending Application, File No. 49,377 Letter
Irrigation Use Drawing
Updated Drawing
MDS Form
Legal Proof of Publication
Groundwater Pit Application
Extension Approval Email

cc: Darren Booth, Lubrication Engineers
iSi Project File No. 1801040

RECEIVED

JUL 19 2018





Order Confirmation

Customer

ISI

Customer Account

453186

Customer Address

215 S LAURA
WICHITA KS 67211 USA

Customer Phone

316-264-7050

Customer Fax

Sales Rep

cmurray@mcclatchy.com

Payor Customer

ISI

Payor Account

453186

Payor Address

215 S LAURA
WICHITA KS 67211 USA

Payor Phone

316-264-7050

Customer Email

joverheul@sienvironmental.com

Order Taker

cmurray@mcclatchy.com

<u>PO Number</u>	<u>Payment Method</u>	<u>Blind Box</u>	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
	Invoice		0	0	1

<u>Net Amount</u>	<u>Tax Amount</u>	<u>Total Amount</u>	<u>Payment Amount</u>	<u>Amount Due</u>
\$639.37	\$0.00	\$639.37	\$0.00	\$639.37

<u>Ad Order Number</u>	<u>Order Source</u>	<u>Ordered By</u>	<u>Special Pricing</u>
0003716582		James Overhaul	
<u>Invoice Text</u>			<u>Promo Type</u>
<u>Package Buy</u>			<u>Materials</u>

Internet Order Information

Campaign Attributes

<u>Campaign Num</u>	<u>Campaign Name</u>	<u>Campaign Type</u>	<u>Campaign Category</u>	<u>Campaign Start</u>	<u>Campaign End</u>
0003716582-02	ISI02	Employment - Period Billin	Employment	06/15/2018	06/15/2018

<u>View Type</u>	<u>Qty Req</u>	<u>Qty Fulfilled</u>	<u>Daily Qty</u>	<u>Hold Billing</u>	<u>Notify Email</u>
Monthly Product Revenue	1	0	0	No	

Campaign Publish Settings

<u>Weight</u>	<u>Completion</u>	<u>Priority</u>	<u>Daily Delivery Rate</u>	<u>Reach</u>	<u>External Notes</u>
0		0	0		

<u>Group</u>	<u>Unit</u>	<u>Qty Req</u>	<u>Daily Impressions</u>	<u>Group Start</u>	<u>Group End</u>
Group1	CB Job Pack - 01	1	0	06/15/2018	06/15/2018

<u>Invoice Notes</u>	<u>Group Notes</u>

<u>Network</u>	<u>Site</u>	<u>Section</u>	<u>Page</u>	<u>Flight Cost</u>
WIC-Kansas.com	WIC-www.careerbuilder.com	All-Level 1		\$0.00

Ad Order Information

Ad Number **Ad Type** **Production Method** **Production Notes**
0003716582-01 WIC-Class Liner AdBooker

External Ad Number **Ad Attributes** **Ad Released** **Pick Up**
 No 0001903003

Ad Size **Color**
1 X 37 li

Product **Placement** **Times Run** **Schedule Cost**
WIC- Wichita Eagle 0300 - Legals Classified 3 \$639.37

Run Schedule Invoice Text **Position**
Public Notice File No. 49,377 Lubricatio 0301 - Legals & Public Notices

Run Dates
06/18/2018, 06/25/2018, 07/02/2018

Public Notice File No. 49,377
Lubrication Engineers, Inc has filed an application for permit to appropriate water for beneficial use, identified as File No. 49,377, with the Division of Water Resources, Kansas Department of Agriculture. The application proposes the appropriation of 49.43 acre-feet of groundwater to be diverted at the rate of 30.65 gallons per minute from one (1) well for irrigation and industrial use. The proposed well is in the Southeast Quarter of the Southwest Quarter of the Southwest Quarter (SE1/4 SW1/4 SW1/4) of Section 3, more particularly described as being near a point 215 feet North and 4295 feet West of the Southeast corner of said section, in Township 28 South, Range 1 East, Sedgwick County, Kansas.

Anyone, with existing wells in the immediate vicinity of the proposed point of diversion, is invited to submit written comments regarding Application, File No. 49,377. Persons submitting comments should specifically indicate their interest in the proposed appropriation. Comments regarding the application will be accepted through July 17, 2018.

Written comments or questions regarding the application may be directed to the Stafford Field Office, 300 S. Main Street, Stafford, Kansas 67578-1521. If you wish more information concerning this application, you may also contact Matt Meier, Environmental Scientist, in the Permits Unit of the Water Appropriation Program at (620) 234-5311.

LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
453186	0003716582	Public Notice File No. 49,377 Lubrication Enginee	06-01918	\$639.37	1	0

Attention: James Overhaul

 ISI
 215 S LAURA
 WICHITA, KS 67211

In The STATE OF KANSAS
 In and for the County of Sedgwick
 AFFIDAVIT OF PUBLICATION

3 Insertions

Beginning issue of: 06/18/2018

Ending issue of: 07/02/2018

STATE OF KANSAS)
 .SS
 County of Sedgwick)

Public Notice File No. 49,377
 Lubrication Engineers, Inc has filed an application for permit to appropriate water for beneficial use, identified as File No. 49,377, with the Division of Water Resources, Kansas Department of Agriculture. The application proposes the appropriation of 49.43 acre-feet of groundwater to be diverted at the rate of 30.65 gallons per minute from one (1) well for irrigation and industrial use. The proposed well is in the Southeast Quarter of the Southwest Quarter of the Southwest Quarter (SE1/4 SW1/4 SW1/4) of Section 3, more particularly described as being near a point 215 feet North and 4295 feet West of the Southeast corner of said section, in Township 28 South, Range 1 East, Sedgwick County, Kansas.
 Anyone, with existing wells in the immediate vicinity of the proposed point of diversion, is invited to submit written comments regarding Application, File No. 49,377. Persons submitting comments should specifically indicate their interest in the proposed appropriation. Comments regarding the application will be accepted through July 17, 2018.
 Written comments or questions regarding the application may be directed to the Stafford Field Office, 300 S. Main Street, Stafford, Kansas 67578-1521. If you wish more information concerning this application, you may also contact Matt Meier, Environmental Scientist, in the Permits Unit of the Water Appropriation Program at (620) 234-5311.

Dale Seiwert, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle from 6/18/2018 to 07/02/2018.

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Dale Seiwert

(Signature of Principal Clerk)
 DATED: 7/3/2018

Jennifer Rae Bailey
 Notary Public Sedgwick County, Kansas

RECEIVED

JUL 19 2018

Stafford Field Office
 Division of Water Resources

JENNIFER RAE BAILEY
 Notary Public - State of Kansas
 My Appt. Expires 6/14/2020

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
300 S. MAIN STREET
STAFFORD, KS 67578-1521



PHONE: (620) 234-5311
FAX: (620) 234-6900
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

May 4, 2018

LUBRICATION ENGINEERS INC
V P MANUFACTURING OPER
PO BOX 16447/1919 E TULSA
WICHITA KS 67216

RE: Pending Application, File No. 49,377

Dear Sir or Madam:

After further review of the above referenced application for permit to appropriate water for beneficial use, it is being returned to you for additional information. K.A.R. 5-3-4, states in part, each application for a permit to appropriate water for beneficial use shall contain all the information requested for the proposed uses as specified in the prescribed application form and any other information that may be required for a complete understanding of the proposed appropriation. Listed below are deficiencies in the application which will need to be corrected.

1: The requested quantities for industrial use and irrigation use need to be listed as separate quantities. Justification for those individual quantities will need to be provided. If the application is approved, a separate meter will be required to meter the water used for each use. One meter for industrial use and one meter for irrigation use.

* 2: The well location footages listed are from the Southwest Corner of the section instead of the Southeast Corner, as required in Part 5 of the application. Based on the well location shown on the map, the well appears to be approximately 215' N and 4,295' West of the Southeast Corner. Please verify that this is the correct location.

3: The proposed place of use for irrigation may be larger than what was listed in the application. There is a grass area west of building, circled in red on the map, which is not currently shown as irrigated and as well as the trees/parking divider areas in the parking lot. Please verify if the areas circled in red on the map are being irrigated or not. If they are being irrigated, please let me know and corrections to the map and irrigation supplemental sheet can be made.

4: The application is missing a Minimum Desirable Streamflow (MDS) form. The enclosed MDS form will need to be signed, notarized, and returned with the application.

5: Due to the large number of wells in the area surrounding this proposed appropriation, a public notice will have to be completed. Enclosed is a public notification for your application to appropriate water for beneficial use. This notice should be published in a local newspaper(s) once per week for three consecutive weeks at your expense. An affidavit of publication or copies of the published notification are to be submitted to this office within two weeks of the final publication date. The date proposed in Paragraph No. 2 of the notice is designed to allow at least 15 days for public comment following the final publication, and should be revised as needed to ensure this time allowance is met.

RECEIVED

JUL 19 2018

Stafford Field Office
Division of Water Resources

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
300 S. MAIN STREET
STAFFORD, KS 67578-1521



PHONE: (620) 234-5311
FAX: (620) 234-6900
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

6. The groundwater pit located east of the facility, which is currently being used to discharge the non-contact cooling water into, is an unauthorized groundwater pit which will need a permit to bring it into compliance. A separate permit will need to be filed for it. Included is a filled-out application which will need to be signed and submitted.

We are advising you of these requirements in order to allow you an opportunity to supply the requested information, as required. 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 **June 3, 2018**, or within any authorized extension of time thereof. According to the law, default in the re-filing of the completed application and attachments as outlined above, within the time allowed, shall constitute forfeiture of your **priority date and dismissal of the application.**

If you have any questions, please contact me at (620) 234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,

Matt Meier
New Application Unit
Water Appropriation Program

Enclosure:
Application #49,377
Application for illegal groundwater pit

pc:

RECEIVED

JUL 19 2018

Stafford Field Office
Division of Water Resources

Meier, Matt [KDA]

From: Meier, Matt [KDA]
Sent: Tuesday, May 29, 2018 1:53 PM
To: 'James Overheul'
Subject: RE: File # 49,377 - Request for time extension

James,

I'll make note in the file that the extension request was received and granted. Let me know if you need anything else.

Matt Meier
Environmental Scientist
Stafford Field Office
Matt.meier@ks.gov
620-234-5311

From: James Overheul [mailto:JOverheul@isienvironmental.com]
Sent: Tuesday, May 29, 2018 1:56 PM
To: Meier, Matt [KDA] <Matt.Meier@ks.gov>
Cc: Darren Booth <D.Booth@LE-INC.com>
Subject: File # 49,377 - Request for time extension

Matt,
Thank you for your time this afternoon.
Per our conversation, I am requesting a 60 day extension for us to complete the public notifications and application modifications.

Please let me know if you have any questions.

Regards,

James Overheul
iSi Environmental
Project Manager
(o) 316-264-7050
(m) 316-706-1195
Email: joverheul@isienvironmental.com

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
300 S. MAIN STREET
STAFFORD, KS 67578-1521



PHONE: (620) 234-5311
FAX: (620) 234-6900
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

May 4, 2018

LUBRICATION ENGINEERS INC
V P MANUFACTURING OPER
PO BOX 16447/1919 E TULSA
WICHITA KS 67216

RE: Pending Application, File No. 49,377

Dear Sir or Madam:

After further review of the above referenced application for permit to appropriate water for beneficial use, it is being returned to you for additional information. K.A.R. 5-3-4, states in part, each application for a permit to appropriate water for beneficial use shall contain all the information requested for the proposed uses as specified in the prescribed application form and any other information that may be required for a complete understanding of the proposed appropriation. Listed below are deficiencies in the application which will need to be corrected.

1: The requested quantities for industrial use and irrigation use need to be listed as separate quantities. Justification for those individual quantities will need to be provided. If the application is approved, a separate meter will be required to meter the water used for each use. One meter for industrial use and one meter for irrigation use.

2: The well location footages listed are from the Southwest Corner of the section instead of the Southeast Corner, as required in Part 5 of the application. Based on the well location shown on the map, the well appears to be approximately 215'N and 4,295' West of the Southeast Corner. Please verify that this is the correct location.

3: The proposed place of use for irrigation may be larger than what was listed in the application. There is a grass area west of building, circled in red on the map, which is not currently shown as irrigated and as well as the trees/parking divider areas in the parking lot. Please verify if the areas circled in red on the map are being irrigated or not. If they are being irrigated, please let me know and corrections to the map and irrigation supplemental sheet can be made.

4: The application is missing a Minimum Desirable Streamflow (MDS) form. The enclosed MDS form will need to be signed, notarized, and returned with the application.

5: Due to the large number of wells in the area surrounding this proposed appropriation, a public notice will have to be completed. Enclosed is a public notification for your application to appropriate water for beneficial use. This notice should be published in a local newspaper(s) once per week for three consecutive weeks at your expense. An affidavit of publication or copies of the published notification are to be submitted to this office within two weeks of the final publication date. The date proposed in Paragraph No. 2 of the notice is designed to allow at least 15 days for public comment following the final publication, and should be revised as needed to ensure this time allowance is met.

SCANNED

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
300 S. MAIN STREET
STAFFORD, KS 67578-1521



PHONE: (620) 234-5311
FAX: (620) 234-6900
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

6: The groundwater pit located east of the facility, which is currently being used to discharge the non-contact cooling water into, is an unauthorized groundwater pit which will need a permit to bring it into compliance. A separate permit will need to be filed for it. Included is a filled-out application which will need to be signed and submitted.

We are advising you of these requirements in order to allow you an opportunity to supply the requested information, as required. 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 **June 3, 2018**, or within any authorized extension of time thereof. According to the law, default in the refiling of the completed application and attachments as outlined above, within the time allowed, **shall constitute forfeiture of your priority date and dismissal of the application.**

If you have any questions, please contact me at (620) 234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,

Matt Meier
New Application Unit
Water Appropriation Program

Enclosure:
Application #49,377
Application for illegal groundwater pit

pc:

STATE OF KANSAS



DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
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JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

Public Notice
File No. 49,377

Lubrication Engineers, Inc has filed an application for permit to appropriate water for beneficial use, identified as File No. 49,377, with the Division of Water Resources, Kansas Department of Agriculture. The application proposes the appropriation of 49.43 acre-feet of groundwater to be diverted at the rate of 30.65 gallons per minute from one (1) well for irrigation and industrial use. The proposed well is in the Southeast Quarter of the Southwest Quarter of the Southwest Quarter (SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, more particularly described as being near a point 215 feet North and 4295 feet West of the Southeast corner of said section, in Township 28 South, Range 1 East, Sedgwick County, Kansas.

Anyone, with existing wells in the immediate vicinity of the proposed point of diversion, is invited to submit written comments regarding Application, File No. 49,377. Persons submitting comments should specifically indicate their interest in the proposed appropriation. Comments regarding the application will be accepted through June 14, 2018.

Written comments or questions regarding the application may be directed to the Stafford Field Office, 300 S. Main Street, Stafford, Kansas 67578-1521. If you wish more information concerning this application, you may also contact Matt Meier, Environmental Scientist, in the Permits Unit of the Water Appropriation Program at (620) 234-5311.

SCANNED



215 S Laura ▪ Wichita, KS 67211 ▪ Phone: (316) 264-7050 ▪ Fax: (316) 264-0709 ▪ www.iSienvironmental.com

CERTIFIED MAIL

August 2, 2018

Matt Meier
Department of Agriculture
Division of Water Resources
Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

RE: Pending Application, File No. 49,377

Dear Mr. Meier:

On behalf of Lubrication Engineers, Inc. (LE), iSi Environmental (iSi) is providing the check for the groundwater pit application and returning the original application for the water appropriation request.

If you have any questions, please do not hesitate to contact me at (316) 264-7050, or via email at joverheul@iSienvironmental.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Overheul', written in a cursive style.

James Overheul
Manager, Safety and Industrial Hygiene

Enclosures: Department of Agriculture Pending Application, File No. 49,377
\$200 Check for Groundwater Permit Application

cc: Darren Booth, Lubrication Engineers
iSi Project File No. 1801040

RECEIVED

AUG 06 2018

iSi Environmental (iSi)

F:\DATA\Lubrication Engineers\1801040 EHS COOP 2018\Water Appropriation Response\1-Water_Appropriation_Follow Up_CU.docx

Stafford Field Office
Division of Water Resources

WELL_ID	COUNTY	TOW	TWP	RA	RANG	SEC	SPOT	LONGITU	LATITUDE	OWNER	WELL_USE	STATUS	DWR_NUM	DIRECTIONS	WELL_C	ELEV	STATIC_DEPTH
72206	Sedgwick	28	S	1	E	3	NW SW SW	-97.3156	37.63776	Boeing Military	Monitoring we	CONSTRUCTED		53' W of 3050 S Hydr	38	1281	15
72208	Sedgwick	28	S	1	E	3	NW SW SW	-97.3156	37.63776	Boeing Military	Monitoring we	CONSTRUCTED		89 feet East of 3050 So	38	1283	17
72210	Sedgwick	28	S	1	E	3	NW SW SW	-97.3156	37.63776	Boeing Military	Monitoring we	CONSTRUCTED		109' E of 3050 S Hydrat	38	1282	16
72215	Sedgwick	28	S	1	E	3	SW SW NW	-97.3156	37.64338	Quik Trip Corp.	Monitoring we	CONSTRUCTED		2736 S Hydraulic, 51' W	22		15
72219	Sedgwick	28	S	1	E	3	NE SW SW	-97.3133	37.63778	Easley	Domestic	CONSTRUCTED		2045 W 30th S, Wichita	90		20
72234	Sedgwick	28	S	1	E	3	SE SE NW	-97.3088	37.64341	Clear	Lawn and Gar	CONSTRUCTED			26		
72235	Sedgwick	28	S	1	E	3	NE SW NW	-97.3133	37.64527	Weber	Lawn and Gar	CONSTRUCTED			24		
72159	Sedgwick	28	S	1	E	3	SE NW SW	-97.3133	37.63965	Cellular 1	Monitoring we	CONSTRUCTED		2938 S Minneapolis, Wi	24		14
72175	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	Ewald	Monitoring we	CONSTRUCTED		E of Hydraulic between	30		8
72178	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	Ewald	Monitoring we	CONSTRUCTED		E of Hydraulic between	25		9
72186	Sedgwick	28	S	1	E	3	NCS2	-97.3076	37.64061		Other	CONSTRUCTED			28		14
72196	Sedgwick	28	S	1	E	3	NE SW SW	-97.3133	37.63778	Boeing Military	Dewatering	CONSTRUCTED		467 SE of Hydraulic Ave	33	1283	18
72199	Sedgwick	28	S	1	E	3	SW NW SW	-97.3156	37.63964	Full Ser Bev Co	Monitoring we	CONSTRUCTED		2900 S Hydraulic, Wichi	22		15
72200	Sedgwick	28	S	1	E	3	SW NE SW	-97.3111	37.63966	Boeing Military	Monitoring we	CONSTRUCTED		430' SW of the corner o	28	1280	12
72204	Sedgwick	28	S	1	E	3	NW NE SW	-97.3111	37.64153	Boeing Military	Monitoring we	CONSTRUCTED		275' WSW corner of Ma	32	1280	14
95767	Sedgwick	28	S	1	E	3	SW NE SW	-97.3111	37.63966	Honeywell	Monitoring we	CONSTRUCTED		1830 Industrial Ave, Wic	25		
109974	Sedgwick	28	S	1	E	3	NW NW SW	-97.3156	37.64151	Morgan	Monitoring we	CONSTRUCTED		2801 S Hydraulic, Wichi	20		15.06
109979	Sedgwick	28	S	1	E	3	NW NW SW	-97.3156	37.64151	Morgan	Monitoring we	CONSTRUCTED		2801 S Hydraulic, Wichi	20		15.41
113716	Sedgwick	28	S	1	E	3	NE NE SW	-97.3088	37.64154	City of Wichita	Monitoring we	CONSTRUCTED		E 31st St by Water Trea	24		18
309086	Sedgwick	28	S	1	E	3	SW NW SW	-97.3156	37.63964	City of Wichita	Monitoring we	CONSTRUCTED		235' E of Hydraulic Ave,	23		11.76
309087	Sedgwick	28	S	1	E	3	SW NW SW	-97.3156	37.63964	City of Wichita	Monitoring we	CONSTRUCTED		235' E of Hydraulic, 2' N	18.15		11.66
309089	Sedgwick	28	S	1	E	3	NW SE SW	-97.3111	37.63779	City of Wichita	Monitoring we	CONSTRUCTED		7' W of Madison, 400' N	29.1		17
309090	Sedgwick	28	S	1	E	3	SW SE SW	-97.3111	37.63591	City of Wichita	Monitoring we	CONSTRUCTED		490' S of Tulsa, 370' W	17.73		10.71
309093	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	City of Wichita	Monitoring we	CONSTRUCTED		250' E Hydraulic, 450' S	20.5		12.6
309094	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	City of Wichita	Monitoring we	CONSTRUCTED		250' E of Hydraulic, 470	26.7		12.7
309095	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	City of Wichita	Monitoring we	CONSTRUCTED		600' E of Hydraulic, 8' N	20.2		12.9
309092	Sedgwick	28	S	1	E	3	SE SW SW	-97.3133	37.6359	City of Wichita	Monitoring we	CONSTRUCTED		575' W of Madison, 8' N	20.67		11.6
109975	Sedgwick	28	S	1	E	3	NW NW SW	-97.3156	37.64151	Morgan	Monitoring we	CONSTRUCTED		2801 S Hydraulic, Wichi	20		15.1
484762	Sedgwick	28	S	1	E	3	SW SW SW	-97.3166	37.63525	Barger, Adrial	Monitoring we	CONSTRUCTED		1919 E Tulsa, Wichita	19.5	1279	14.2
454933	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	Quik Trip No. 3	Monitoring we	CONSTRUCTED		9401 E Kellogg, Wichita	20		
72172	Sedgwick	28	S	1	E	3	NE SE SW	-97.3088	37.6378	Comejo and So	Industrial	CONSTR	16525	3050 S Madison, Wicht	33		18
72181	Sedgwick	28	S	1	E	3	SWSWNW	-97.3156	37.64338		Air Conditioni	CONSTRUCTED			24		13
72193	Sedgwick	28	S	1	E	3	NE SW SW	-97.3133	37.63778	Boeing Military	Monitoring we	CONSTRUCTED		367' ESE of Hydraulic A	33	1282	16
72201	Sedgwick	28	S	1	E	3	SW NE SW	-97.3111	37.63966	Boeing Military	Monitoring we	CONSTRUCTED		600' SW of the corner o	30	1280	14
72216	Sedgwick	28	S	1	E	3	SW SW NW	-97.3156	37.64338	Quik Trip Corp.	Monitoring we	CONSTRUCTED		2736 S Hydraulic, 75' W	22		15
307111	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	City of Wichita	Monitoring we	CONSTRUCTED		200' S of Tulsa st & 170	26		12.2
309088	Sedgwick	28	S	1	E	3	NW SE SW	-97.3111	37.63779	City of Wichita	Monitoring we	CONSTRUCTED		7' W of Madison, 400' N	23.6		16.9
309091	Sedgwick	28	S	1	E	3	SW SE SW	-97.3111	37.63591	City of Wichita	Monitoring we	CONSTRUCTED		450' S of Tulsa, 75' W o	18.99		10.38
444346	Sedgwick	28	S	1	E	3	SW	-97.3122	37.63872	Whitney, Jack	Heat Pump (C	CONSTRUCTED		3550 S Madison, Wicht	200		
401647	Sedgwick	28	S	1	E	3	SW NW SW	-97.3156	37.63964	City of Wichita	Monitoring we	CONSTRUCTED		NE corner Kansas and I	24		13.8
40576	Sedgwick	28	S	1	E	3	NE SE SW	-97.3088	37.6378	Killian	Lawn and Gar	CONSTRUCTED		227 Timberlane, Haysvil	65		40
72209	Sedgwick	28	S	1	E	3	NW SW SW	-97.3156	37.63776	Boeing Military	Monitoring we	CONSTRUCTED		9' N of 3050 S Hydraulic	37	1282	16
72213	Sedgwick	28	S	1	E	3	SW SW NW	-97.3156	37.64338	Quik Trip Corp.	Monitoring we	CONSTRUCTED		2736 S Hydraulic, 28' W	32		15
72214	Sedgwick	28	S	1	E	3	SW SW NW	-97.3156	37.64338	Quik Trip Corp.	Monitoring we	CONSTRUCTED		2736 S Hydraulic, 78' W	22		15
72218	Sedgwick	28	S	1	E	3	SE SW NW	-97.3133	37.64339	Quialey	Lawn and Gar	CONSTRUCTED		SAME AS BELOW	24	1278	12
72157	Sedgwick	28	S	1	E	3	SW SW SW	-97.3156	37.63589	Cmmrcl Rntl Pr	Monitoring we	CONSTRUCTED		3139 S Hydraulic, Wichi	20		12
72163	Sedgwick	28	S	1	E	3	SE NW SW	-97.3133	37.63965	Cellular 1	Monitoring we	CONSTRUCTED		2938 S Minneapolis, Wi	20		14
72170	Sedgwick	28	S	1	E	3	SW NW SW	-97.3156	37.63964	AAA Pawn and	Monitoring we	CONSTRUCTED		NE corner of Industrial	18		13
72171	Sedgwick	28	S	1	E	3	SW NW SW	-97.3156	37.63964	AAA Pawn and	Monitoring we	CONSTRUCTED		NW corner of Industrial	18		13
72182	Sedgwick	28	S	1	E	3	NCS2	-97.3076	37.64061		Dewatering	CONSTRUCTED			30		14
72183	Sedgwick	28	S	1	E	3	NCS2	-97.3076	37.64061		Dewatering	CONSTRUCTED			29		14
72187	Sedgwick	28	S	1	E	3	NCS2	-97.3076	37.64061		Dewatering	CONSTRUCTED			30		14

Stafford Field Office
Division of Water Resources

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72188 Sedgwick	28 S	1 E	3 SESWSW	-97.3133	37.6359	Industrial	CONSTRUCTED		36		15
72194 Sedgwick	28 S	1 E	3 NE SW SW	-97.3133	37.63778	Boeing Military	Monitoring we CONSTRUCTED	498' ESE of Hydraulic A	38	1282	17
72195 Sedgwick	28 S	1 E	3 NE SW SW	-97.3133	37.63778	Boeing Military	Monitoring we CONSTRUCTED	569' SE of Hydraulic A	38	1282	17
72197 Sedgwick	28 S	1 E	3 NE SW SW	-97.3133	37.63778	Boeing Military	Monitoring we CONSTRUCTED	8' W of 3000 S Hydraul	40	1282	16
72202 Sedgwick	28 S	1 E	3 SW NE SW	-97.3111	37.63966	Boeing Military	Monitoring we CONSTRUCTED	310' SSW of the corner	40	1280	14
72203 Sedgwick	28 S	1 E	3 NW NE SW	-97.3111	37.64153	Boeing Military	Monitoring we CONSTRUCTED	130' WSW of the corner	32	1280	14
72207 Sedgwick	28 S	1 E	3 SW SW SW	-97.3156	37.63589	Boeing Military	Monitoring we CONSTRUCTED	24' E of 3050 S Hydraul	38	1282	16
109973 Sedgwick	28 S	1 E	3 NW NW SW	-97.3156	37.64151	Morgan	Monitoring we CONSTRUCTED	2801 S Hydraulic, Wichi	20		14.74
109977 Sedgwick	28 S	1 E	3 NW NW SW	-97.3156	37.64151	Morgan	Monitoring we CONSTRUCTED	2801 S Hydraulic, Wichi	20		15.06
95766 Sedgwick	28 S	1 E	3 SW NE SW	-97.3111	37.63966	Honeywell	Monitoring we CONSTRUCTED	1830 Industrial Ave, Wic	25		
95770 Sedgwick	28 S	1 E	3 SW NE SW	-97.3111	37.63966	Honeywell	Monitoring we CONSTRUCTED	1830 Industrial Ave, Wic	25		
72177 Sedgwick	28 S	1 E	3 SW SW SW	-97.3156	37.63589	Ewald	Monitoring we CONSTRUCTED	E of Hydraulic between	22		8
72189 Sedgwick	28 S	1 E	3 NCS2	-97.3076	37.64061		Dewatering CONSTRUCTED		30		14
72198 Sedgwick	28 S	1 E	3 SW NW SW	-97.3156	37.63964	Full Ser Bev Co	Monitoring we CONSTRUCTED	2900 S Hydraulic, Wichi	23		15
109976 Sedgwick	28 S	1 E	3 NW NW SW	-97.3156	37.64151	Morgan	Monitoring we CONSTRUCTED	2801 S Hydraulic, Wichi	20		14.89
109978 Sedgwick	28 S	1 E	3 NW NW SW	-97.3156	37.64151	Morgan	Monitoring we CONSTRUCTED	2801 S Hydraulic, Wichi	20		15.5
113715 Sedgwick	28 S	1 E	3 NE NE SW	-97.3088	37.64154	City of Wichita	Monitoring we CONSTRUCTED	E 31st by Water Treatm	30		18
72184 Sedgwick	28 S	1 E	3 NWSWSE	-97.3065	37.63781		Domestic CONSTRUCTED		45		15
72480 Sedgwick	28 S	1 E	10 NENENW	-97.3087	37.63418	City of Wichita	Monitoring we CONSTRUCTED	HWY I-135 1,120 FEET	20		0
100798 Sedgwick	28 S	1 E	10 NENWSW	-97.3127	37.62786	City of Wichita	Monitoring we CONSTRUCTED	CHAPIN LANDFILL 380	20		10
113714 Sedgwick	28 S	1 E	10 SENENW	-97.3086	37.63255	City of Wichita	Monitoring we CONSTRUCTED	APPROX 0.75 MILES F	20		17.5
309109 Sedgwick	28 S	1 E	10 NE NW NW	-97.3133	37.63418	City of Wichita	Monitoring we CONSTRUCTED	800' S of Tulsa, 1070' E	17.06		11.49
323502 Sedgwick	28 S	1 E	10 NE NW SW	-97.3127	37.62786	City of Wichita	Monitoring we CONSTRUCTED	Chapin Landfill, NE of H	25		
309110 Sedgwick	28 S	1 E	10 NW NW NW	-97.3156	37.63418	City of Wichita	Monitoring we CONSTRUCTED	5' E of Hydraulic & Berk	19.61		10.82
72481 Sedgwick	28 S	1 E	10-NENENW	-97.3087	37.63418	City of Wichita	Monitoring we CONSTRUCTED	HWY I-135 1,120 FT S	15		0
113717 Sedgwick	28 S	1 E	10 NWSWSE	-97.3108	37.63097	City of Wichita	Monitoring we CONSTRUCTED	APPROX 0.75 MILES F	25		8
309111 Sedgwick	28 S	1 E	10 SE NW NW	-97.3131	37.6326	City of Wichita	Monitoring we CONSTRUCTED	1400' S of Tulsa, 690' E	17.4		11.96
72466 Sedgwick	28 S	1 E	10 NENWNW	-97.3133	37.63418	City of Wichita	Dewatering CONSTRUCTED	3 BLKS E OF HYDRAULI	37		17
113713 Sedgwick	28 S	1 E	10 SENENW	-97.3086	37.63255	City of Wichita	Monitoring we CONSTRUCTED	APPROX. 0.75 MILES F	28		17.5
113718 Sedgwick	28 S	1 E	10 NWSWSE	-97.3108	37.63097	City of Wichita	Monitoring we CONSTRUCTED	APPROX. 0.25 MILES F	14		8
416864 Sedgwick	28 S	1 E	10 SE NE SW	-97.3082	37.62606	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	12.5		
416870 Sedgwick	28 S	1 E	10 SW NE SW	-97.3104	37.62617	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	9		
416867 Sedgwick	28 S	1 E	10 SE NE SW	-97.3082	37.62606	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	8.5		
416884 Sedgwick	28 S	1 E	10 SW NE SW	-97.3104	37.62617	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	9		
416878 Sedgwick	28 S	1 E	10 SW NE SW	-97.3104	37.62617	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	5		
416890 Sedgwick	28 S	1 E	10 SW NE SW	-97.3104	37.62617	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	9		
416888 Sedgwick	28 S	1 E	10 SW NE SW	-97.3104	37.62617	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	7		
416876 Sedgwick	28 S	1 E	10 SE NE SW	-97.3082	37.62606	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	9.5		
416880 Sedgwick	28 S	1 E	10 SW NE SW	-97.3104	37.62617	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	6.5		
416865 Sedgwick	28 S	1 E	10 SE NE SW	-97.3082	37.62606	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	9		
416866 Sedgwick	28 S	1 E	10 SE NE SW	-97.3082	37.62606	City of Wichita	I Recovery/Soil CONSTR	Chapin Landfill, Wichita	9		
72459 Sedgwick	28 S	1 E	10 SENENW	-97.3086	37.63255		Industrial CONSTRUCTED		20		14
72462 Sedgwick	28 S	1 E	10 NWNW	-97.3143	37.63339		Domestic CONSTRUCTED		45		20
72458 Sedgwick	28 S	1 E	10 NWSWSE	-97.3152	37.63106		Monitoring we CONSTRUCTED		35		22
416876 Sedgwick	28 S	1 E	9 NE NE NE	-97.317	37.63469	Barger, Adrial	Monitoring we CONSTRUCTED	3241 S Hydraulic, Wichi	19	1278	13.22
416875 Sedgwick	28 S	1 E	9 NE NE NE	-97.3174	37.63464	Barger, Adrial	Monitoring we CONSTRUCTED	3241 S Hydraulic, Wichi	19.5	1279	14.3
4168764 Sedgwick	28 S	1 E	9 NE NE NE	-97.3178	37.63477	Barger, Adrial	Monitoring we CONSTRUCTED	3241 S Hydraulic, Wichi	20	1277	12.53
72446 Sedgwick	28 S	1 E	9 SESWNE	-97.3217	37.62991	BOGGS	Lawn and Gar CONSTRUCTED	1233 E FORTUNA	33	1300	15
72441 Sedgwick	28 S	1 E	9 SWSWNE	-97.3239	37.63006	BUCHANAN	Lawn and Gar CONSTRUCTED	1402 FOURTNIA WICH	0		14
72442 Sedgwick	28 S	1 E	9 SESENE	-97.3173	37.62962	CARNS	Lawn and Gar CONSTRUCTED	1402 GALENE WICHIT/	30		14
72437 Sedgwick	28 S	1 E	9 NENENE	-97.3178	37.6343	CMMRCL RNTL	Monitoring we CONSTRUCTED	3139 S HYDRAULIC WI	20		12
72450 Sedgwick	28 S	1 E	9 NENENE	-97.3178	37.6343	CMMRCL RNTL	Monitoring we CONSTRUCTED	3139 S HYDRAULIC WI	20		11
72438 Sedgwick	28 S	1 E	9 NENENE	-97.3178	37.6343	CMMRCL RNTL	Monitoring we CONSTRUCTED	3139 S HYDRAULIC WI	20		12

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344182	Sedgwick	28 S	1 E	9 SE NW NE	-97.3219	37.63317	Cooper, Jim	Lawn and Gar	CONSTRUCTED	1102 Catalina, Wichita	40	12
72440	Sedgwick	28 S	1 E	9 SESENE	-97.3173	37.62962	DEWITT	Lawn and Gar	CONSTRUCTED	1406 GALENE WICHIT,	30	14
335803	Sedgwick	28 S	1 E	9 SW NW NE	-97.3241	37.63339	Hale, Dan	Lawn and Gar	CONSTRUCTED	616 E MacArthur, Wichi	52	14
402452	Sedgwick	28 S	1 E	9 SW SW NE	-97.3239	37.63006	Henderson, Mr.	Lawn and Gar	CONSTRUCTED	3452 S Ida, Wichita	38	18
72444	Sedgwick	28 S	1 E	9 SENENE	-97.3176	37.63274	HOWLAND	Lawn and Gar	CONSTRUCTED	1320 EAST 84 STREET	31	9
94864	Sedgwick	28 S	1 E	9 NWSWNE	-97.324	37.63172	KINE	Lawn and Gar	CONSTRUL	1101 DELMAR	33	1300 13
100348	Sedgwick	28 S	1 E	9 NESWNE	-97.3218	37.63154	SALOME	Lawn and Gar	CONSTRUL	1207 EL MONTE	31	16
469742	Sedgwick	28 S	1 E	9 NW SW NE	-97.324	37.63172	Van Le, Thanh	Lawn and Gar	CONSTRUCTED	1108 E Del Mar St, Wicl	50	21
72248	Sedgwick	28 S	1 E	4 NE NE SE	-97.3179	37.64157	AAA Pawn and	Monitoring we	CONSTRUCTED	NW corner of Jump and	20	12
72250	Sedgwick	28 S	1 E	4 NE NE SE	-97.3179	37.64157	AAA Pawn and	Monitoring we	CONSTRUCTED	NW corner of Jump and	18	12
72241	Sedgwick	28 S	1 E	4 NE NE SE	-97.3179	37.64157	AAA Pawn and	Monitoring we	CONSTRUCTED	NW corner of Jump and	18	13
72249	Sedgwick	28 S	1 E	4 NE NE SE	-97.3179	37.64157	AAA Pawn and	Monitoring we	CONSTRUCTED	corner of Industrial St ar	18	12
72251	Sedgwick	28 S	1 E	4 NE NE SE	-97.3179	37.64157	AAA Pawn and	Monitoring we	CONSTRUCTED	NW corner of Industrial	18	13
434763	Sedgwick	28 S	1 E	4 SE SE SE	-97.3174	37.63544	Barger, Adrial	Monitoring we	CONSTRUCTED	3139 S Hydraulic, Wichi	19.5	1281 15.65
72271	Sedgwick	28 S	1 E	4 NESWSE	-97.3222	37.63829	BOVE	Lawn and Gar	CONSTRUCTED	SAME AS BELOW	30	1278 12
72286	Sedgwick	28 S	1 E	4 SESESE	-97.3178	37.63601	CMMCRLL RNTL	Monitoring we	CONSTRUCTED	3139 S HYDRAULIC WI	20	13
72247	Sedgwick	28 S	1 E	4 SESESE	-97.3178	37.63601	CMMCRLL RNTL	Monitoring we	CONSTRUCTED	3139 S HYDRAULIC WI	20	13
72246	Sedgwick	28 S	1 E	4 SESESE	-97.3178	37.63601	CMMCRLL RNTL	Monitoring we	CONSTRUCTED	3139 S HYDRAULIC WI	19	13
72244	Sedgwick	28 S	1 E	4 SESESE	-97.3178	37.63601	CMMCRLL RNTL	Monitoring we	CONSTRUCTED	3139 S HYDRAULIC WI	20	12
72245	Sedgwick	28 S	1 E	4 SESESE	-97.3178	37.63601	CMMCRLL RNTL	Monitoring we	CONSTRUCTED	3139 S HYDRAULIC WI	19	13
461357	Sedgwick	28 S	1 E	4 NW SE SE	-97.32	37.63808	Erleben, Mr.	Domestic	CONSTRUCTED	7757 S Pattie, Haysville	40	19
72252	Sedgwick	28 S	1 E	4 SWNESE	-97.3201	37.6399	HULSTIEN	Lawn and Gar	CONSTRUCTED		9999	
428139	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Recovery/Soil	CONSTRUCTED	2811 S Hydraulic, Wichi	17	13.47
428140	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Recovery/Soil	CONSTRUCTED	2811 S Hydraulic, Wichi	17	12.64
428142	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Recovery/Soil	CONSTRUCTED	2811 S Hydraulic, Wichi	17	13.4
428143	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Injection well/:	CONSTRUCTED	2811 S Hydraulic, Wichi	26	
428144	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Injection well/:	CONSTRUCTED	2811 S Hydraulic, Wichi	24	
428141	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Recovery/Soil	CONSTRUCTED	2811 S Hydraulic, Wichi	17	12.25
428146	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Injection well/:	CONSTRUCTED	2811 S Hydraulic, Wichi	25	
428145	Sedgwick	28 S	1 E	4 NW NE NE SE	-97.3184	37.64207	KDHE - Dryclea	Injection well/:	CONSTRUCTED	2811 S Hydraulic, Wichi	23.5	
72253	Sedgwick	28 S	1 E	4 SENWSE	-97.3223	37.64007	OTT	Lawn and Gar	CONSTRUCTED		9999	
72266	Sedgwick	28 S	1 E	4 NWNESE	-97.3201	37.64171	PIERCE	Lawn and Gar	CONSTRUCTED	1326 AMSDEN	30	1300 12
47299	Sedgwick	28 S	1 E	4 SW NW SE	-97.3244	37.64025	Pracht, Patrick	Lawn and Gar	CONSTRUCTED	2869 S Ida, Wichita	50	16
72256	Sedgwick	28 S	1 E	4 SW SE SE	-97.32	37.63626	VanWallenghon	Lawn and Gar	CONSTRUCTED	1239 TULSA, WICHITA	40	15
72278	Sedgwick	28 S	1 E	4 NENESE	-97.3179	37.64157		Lawn and Gar	CONSTRUCTED		40	15

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2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

a. Indicate the soils in the field(s) and their intake rates:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
Canadian Fine Sand Loam	90		
Urban Land Canadian Complex	10		
Total:	100 %		

b. Estimate the average land slope in the field(s): 1 %

Estimate the maximum land slope in the field(s): 3 %

c. Type of irrigation system you propose to use (check one):

- Center pivot Center pivot - LEPA "Big gun" sprinkler
 Gravity system (furrows) Gravity system (borders) Sideroll sprinkler

Other, please describe: Lawn Sprinkler system

d. System design features:

i. Describe how you will control tailwater:

N/A

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 78 psi

(2) What is the sprinkler package design rate? 150 gpm

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? 20 feet

(4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations:

Lawn

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

March - November Grass growing season

You may attach any additional information you believe will assist in informing the Division of the need for your request.

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Division of Water Resources

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Turney, Brent

From: Mark Thompson <MThompson@isienvironmental.com>
Sent: Wednesday, May 06, 2015 2:53 PM
To: Turney, Brent
Cc: James Overheul
Subject: Corrected Water Well record Lubrication Engineers File #49377
Attachments: Well Details.pdf

Brent,

As we discussed, attached is the corrected water well record for the above referenced permit application. Please replace the previously submitted incorrect record (Cornejo well) with this correct one.

Regards,

Mark Thompson, PG
Environmental Geologist/Senior Consultant
iSi Environmental (iSi)
215 S. Laura; Wichita, KS 67211
Office: (316) 264-7050; Cell: (316) 734-3141
<http://www.iSienvironmental.com>
Visit us on Facebook, Twitter, LinkedIn and our Blog.

IMPORTANT: This communication contains information from Integrated Solutions, Inc., dba iSi Environmental and iSi Industrial Services which may be confidential and privileged and is solely for the use of the intended recipient. If it appears that this communication was addressed or sent to you in error, you may not use, copy, disclose, or distribute this communication or any information contained therein. If you have received this in error, please notify me immediately by reply email or by telephone at (888-264-7050).

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1 LOCATION OF WATER WELL
 County: Sedgewick Fraction: 3E 1/4 SW 1/4 SW Section Number: 3 Township Number: T 28 S Range Number: R 1 E

Distance and direction from nearest town or city? _____ Street address of well if located within city? 1919 East Tulsa Wichita, Kas.

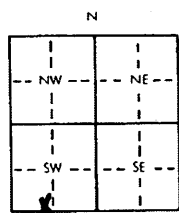
2 WATER WELL OWNER: Lubricating Engineers
 RR#, St. Address, Box #: 1919 E. Tulsa Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Wichita, Kansas Application Number: _____

3 DEPTH OF COMPLETED WELL: 36 ft. Bore Hole Diameter: 30 in. to _____ ft., and _____ in. to _____ ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 6 Oil field water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below)
 10 Observation well
 Well's static water level: 15 ft. below land surface measured on _____ month _____ day 1979 year
 Pump Test Data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield gpm: Well water was _____ ft. after _____ hours pumping _____ gpm

4 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile Casing Joints: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded _____
 Blank casing dia: 14 in. to 19 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 12 in., weight _____ lbs./ft. Wall thickness or gauge No _____
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 9 ABS 12 None used (open hole)
 Screen or Perforation Openings Are:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 Screen-Perforation Dia: 14 in. to 29 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Screen-Perforated Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 Gravel Pack Intervals: From _____ ft. to 36 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grouted Intervals: From _____ ft. to 10 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 Direction from well _____ How many feet _____ ? Water Well Disinfected? Yes X No _____
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X If yes, date sample was submitted _____ month _____ day _____ year
 Pump Installed? Yes X No _____
 If Yes: Pump Manufacturer's name Valley Model No. 6MLO HP 7 1/2 Volts 460
 Depth of Pump Intake _____ ft. Pumps Capacity rated at _____ gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other _____

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (2) reconstructed, or (3) plugged under my jurisdiction and was completed on _____ month _____ day _____ year
 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 236
 This Water Well Record was completed on _____ month _____ day _____ year under the business name of Sharp Wells Pump Serv, Inc by (signature) M. Arnold

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG
0 1 Topsoil
1 11 Clay
11 15 Sand
15 24 Coarse Sand & gravel
24 26 Green shale
26 36 Blue shale
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 Division of Water Resources

ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 15 ft. 2. _____ ft. 3. _____ ft. 4. _____ ft. (Use a second sheet if needed)
 INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
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(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
109 SW 9th Street, 2nd Floor
Topeka, Kansas 66612-1283

Re: Application
File No. 49,377

Minimum Desirable Streamflow

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met.

I also understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. I realize that this could affect the economics of my decision to appropriate water.

I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.


Signature of Applicant

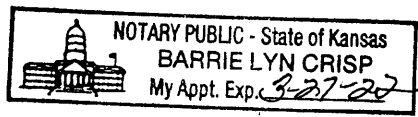
State of Kansas)
County of Sedgwick) ss

Eric Barland
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 28th day of June, 2018.


Notary Public

My Commission Expires:
3-27-22



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**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River
Big Blue River
Chapman Creek
Chikaskia River
Cottonwood River
Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River



(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
109 SW 9th Street, 2nd Floor
Topeka, Kansas 66612-1283

Re: Application File No. 49,377

Minimum Desirable Streamflow

Dear Sir:

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I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Signature of Applicant

State of Kansas)
) ss
County of _____)

(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this _____ day of _____, 20_____.

Notary Public

My Commission Expires:

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**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
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Arkansas River
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Chapman Creek
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Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River



Specific Water Well Detail

Well T28S, R1E, Sec. 3, NE SE SW, Action: Constructed

Location Info	
County: Sedgwick	Location: T28S, R1E, Sec. 3, NE SE SW
Owner: Cornejo and Sons	Status: Constructed
Directions: 3050 S Madison, Wichita	
Longitude: -97.3087805	Latitude: 37.6377971
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.	
View well on interactive map This link will create a new window and display an interactive map of this well and its neighbors.	
General Info	
Well Depth: 33 ft.	Elevation: ft.
Static Water Level: 18 ft.	Est. Yield: gpm.
Well Use: Industrial	
DWR Applic. #: 16525	Other ID:
Links	
No Wizard information available.	
View info from WIMAS Water Right Data base...	
Driller Info	
Driller: Harp Well & Pump Service, Inc.	License #: 236
Comp. Date: 24-Feb-1994	
Chemical Sample Submitted?: No	
Casing Info	
Casing Type: PVC	
Diam: 16 in. to 21 ft.	
Diam: 16 in. to 31 ft.	
Diam: 0 in. to 0 ft.	
Grout Info	
Grout used: CEMENT GROUT	
From: 0 to 20 ft.	
From: 0 to 0 ft.	
From: 0 to 0 ft.	

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Source of Possible Contamination	
Source: OTHER	
Direction from well:	Distance: 0
Screen and Perforation Info	
Screen Type: TORCH CUT	Screen Openings: SAW CUT
From: 21 ft. to 31 ft.	From: 0 ft. to 0 ft.
From: 0 ft. to 0 ft.	From: 0 ft. to 0 ft.
Lithologic Log (log data not edited or checked by the KGS.)	
From: 0 ft. to 11 ft.	Type: CLAY
From: 11 ft. to 16 ft.	Type: FINE SAND
From: 16 ft. to 27 ft.	Type: SAND & GRAVEL
From: 27 ft. to 33 ft.	Type: SHALE

Kansas Geological Survey
 Comments to webadmin@kgs.ku.edu
 URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>
 Display Programs Updated July 2, 2014
 Data added continuously.

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Specific Water Well Detail

Well T28S, R1E, Sec. 3, SESWSW, Action: Constructed

Location Info	
County: Sedgwick	Location: T28S, R1E, Sec. 3, SESWSW
Owner:	Status: Constructed
Directions:	
Longitude: -97.3133492	Latitude: 37.6359024
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.	
View well on interactive map This link will create a new window and display an interactive map of this well and its neighbors.	
General Info	
Well Depth: 36 ft.	Elevation: ft.
Static Water Level: 15 ft.	Est. Yield: gpm.
Well Use: Industrial	
DWR Applic. #:	Other ID:
Driller Info	
Driller: Harp Well & Pump Service, Inc.	License #: 236
Comp. Date: 14-Sep-1979	
Chemical Sample Submitted?: No	
Casing Info	
Casing Type:	
Diam: 0 in. to 0 ft.	
Diam: 0 in. to 0 ft.	
Diam: 0 in. to 0 ft.	
Grout Info	
Grout used: other	
From: 0 to 0 ft.	
From: 0 to 0 ft.	
From: 0 to 0 ft.	
Source of Possible Contamination	
Source: none	

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Stafford Field Office
Division of Water Resources

Direction from well:		Distance: 0	
Screen and Perforation Info			
Screen Type: OTHER		Screen Openings: OTHER	
From: 19 ft. to 29 ft.		From: 0 ft. to 0 ft.	
From: 0 ft. to 0 ft.		From: 0 ft. to 0 ft.	
Lithologic Log			
(log data not edited or checked by the KGS.)			
From: 0 ft. to 11 ft.		Type: CLAY	
From: 11 ft. to 15 ft.		Type: SAND	
From: 15 ft. to 24 ft.		Type: SAND & GRAVEL	
From: 24 ft. to 36 ft.		Type: SHALE	

Kansas Geological Survey
 Comments to webadmin@kgs.ku.edu
 URL=<http://www.kgs.ku.edu/Magellan/WaterWell/index.html>
 Display Programs Updated July 2, 2014
 Data added continuously.

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215 S Laura ▪ Wichita, KS 67211 ▪ Phone: (316) 264-7050 ▪ Fax: (316) 264-0709 ▪ www.iSiEnvironmental.com

CERTIFIED MAIL

April 13, 2015

David Barfield
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture
109 SW 9th Street, Second Floor
Topeka, KS 66612-1283

Re: Application for Permit to Appropriate Water for Beneficial Use
Lubrication Engineers, Inc.
1919 East Tulsa Street, Wichita, KS 67216

Dear Mr. Barfield:

On behalf of Lubrication Engineers, Inc. (LE), iSi Environmental (iSi) is submitting the attached Application for Permit to Appropriate Water for Beneficial Use for their above referenced facility. LE produces petroleum based automotive and industrial lubricants at their facility in Wichita, Kansas. The facility currently uses a well that was installed in September 1979 (see attached water well detail sheets) for non-contact industrial process cooling year round; and to irrigate approximately 3.16 acres of lawn seasonally. Non-contact cooling water is discharged via underground piping to a pond located east of the facility in accordance with Kansas Water Pollution Control Permit No. I-AR94-PO19. The pond is unlined and is in direct contact with groundwater. Figure 1 is a topographic map including the location of diversion and the water wells within a ½ mile radius. Figure 2 is an aerial photograph of the property and location of diversion.

The application includes Supplemental Sheets for both Industrial Use and Irrigation. A check in the amount of \$200 is enclosed for the application fee. Also included is a spreadsheet of constructed water wells within one half mile of the proposed diversion point, downloaded from the Kansas Geological Survey's Water Well Database, with currently available information.

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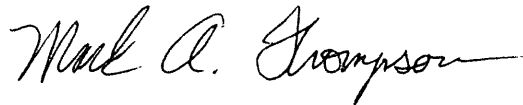
iSi Environmental (iSi)

F:\DATA\Lubrication Engineers\1401055 EHS COOP\Application for Permit to Appropriate Water\KDOA Cover Letter.docx

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If you have any questions, or require additional information please do not hesitate to call me at (316) 264-7050 or email me at mthompson@iSienviromental.com.

Sincerely,



Mark A. Thompson, P.G.
Senior Consultant

Enclosures: Application for Permit and Supplemental Document

cc: Darren Booth, Lubrication Engineers
Terry Smith, Lubrication Engineers
iSi Project File No. 1401055

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iSi Environmental (iSi)

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Industrial Use

	Pumping Rate (gal/min)	Daily Amount (Gallons)	Yearly Amount (Gallons)	Acre Feet	Amount Requested in App	
Current Use*	20	28,800	10,512,000	32.26	32.26	34.43
Est. Future Use*	21	30,240	11,037,600	33.87	33.87	34.43

Irrigation Use

	Pumping Rate (gal/min)	Daily Amount (Gallons)	Yearly Amount (Gallons)	Acre Feet	Amount Requested in App	Acre-feet/acre	
Current Use	60	21,600	4,536,000	13.92	13.92	15	4.41 Estimated based on 7 months of use/6 hours/day
Est. Future Use	60	21,600	4,536,000	13.92	13.92	15	4.41 Area to be irrigated is 3.16 acres

Limitation Based on
K.A.R. 5-3-19(a) - 4.27

Acre-feet/acre	58	20,880	4,384,800	13.46	13.46	15	4.26 New Requested Amount
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* Use is not directly impacted by production rate. Water used as non-contact cooling water

Meier, Matt [KDA]

From: Meier, Matt [KDA]
Sent: Wednesday, September 19, 2018 3:40 PM
To: 'James Overheul'
Subject: Additional Information
Attachments: Industrial Use Supplemental Sheet.pdf; ISI Letter.pdf; 49377 Return App.pdf

Hello James,

We have received Lubrication Engineers, Inc. groundwater pit application (assigned Application File No. 50098) as well as the updated information for Application File No. 49377. Your letter provided most of the required information for Application File No. 49377, but further justification for the requested quantities, part 1 sentence 2 in DWR letter, needs to be provided. Your letter, part 1 a & b, did break out the requested quantities based on use; however, it did not provide the sufficient justification for the requested quantities.

For the industrial use: A calculation showing current use (based on pumping rate, hours of operation, etc) and one showing future expected use would be sufficient justification. You can then fill the information into the industrial use supplemental sheet.

For Irrigation use: The maximum allowable use for irrigation in Sedgwick county is 1.3 acre-feet per acre, as set forth in K.A.R. 5-3-19(a), which based on the proposed place of use would equal 4.27 acre-feet. The current application is requesting 4.57 acre-feet per acre. K.A.R. 5-3-20(c)(1) does allow a greater acre-feet per acre to be requested and perfected; however, some justification for the greater use must be provided.

Please feel free to let me know if you have any questions,

Thanks,

Matt Meier
Environmental Scientist
Stafford Field Office
Matt.meier@ks.gov
620-234-5311

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
300 S. MAIN STREET
STAFFORD, KS 67578-1521



PHONE: (620) 234-5311
FAX: (620) 234-6900
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

January 10, 2019

CORNEJO & SONS LLC
2060 E TULSA
PO BOX 16204
WICHITA KS 67216

Re: Pending Application, File No. 49,377

Dear Sir or Madam:

This is to advise you that Lubrication Engineers Inc has filed the application referred to above for a permit to appropriate 44.27 acre-feet of groundwater per calendar year to be diverted at 30.65 gallons-per-minute. Of the 44.27 acre-feet, 34.43 acre-feet will be used for industrial use and 9.84 acre-feet will be used for irrigation use. The proposed point of diversion for 49,377 is an existing well, which is located as follows:

Southeast Quarter of the Southwest Quarter of the Southwest Quarter of Section 3, Township 28 South, Range 1 East, Sedgwick County, Kansas.

A map is enclosed indicating the location of the proposed well. Records in this office indicate that you may have a well or wells in this vicinity and you are 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.

If you have any questions or comments, you may also contact me at (620) 234-5311. If you call, please reference the file number so I can help you more efficiently. Mailed comments can be sent to the Stafford Field Office at 300 S. Main St. Stafford, KS 67578-1521.

Sincerely,

Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

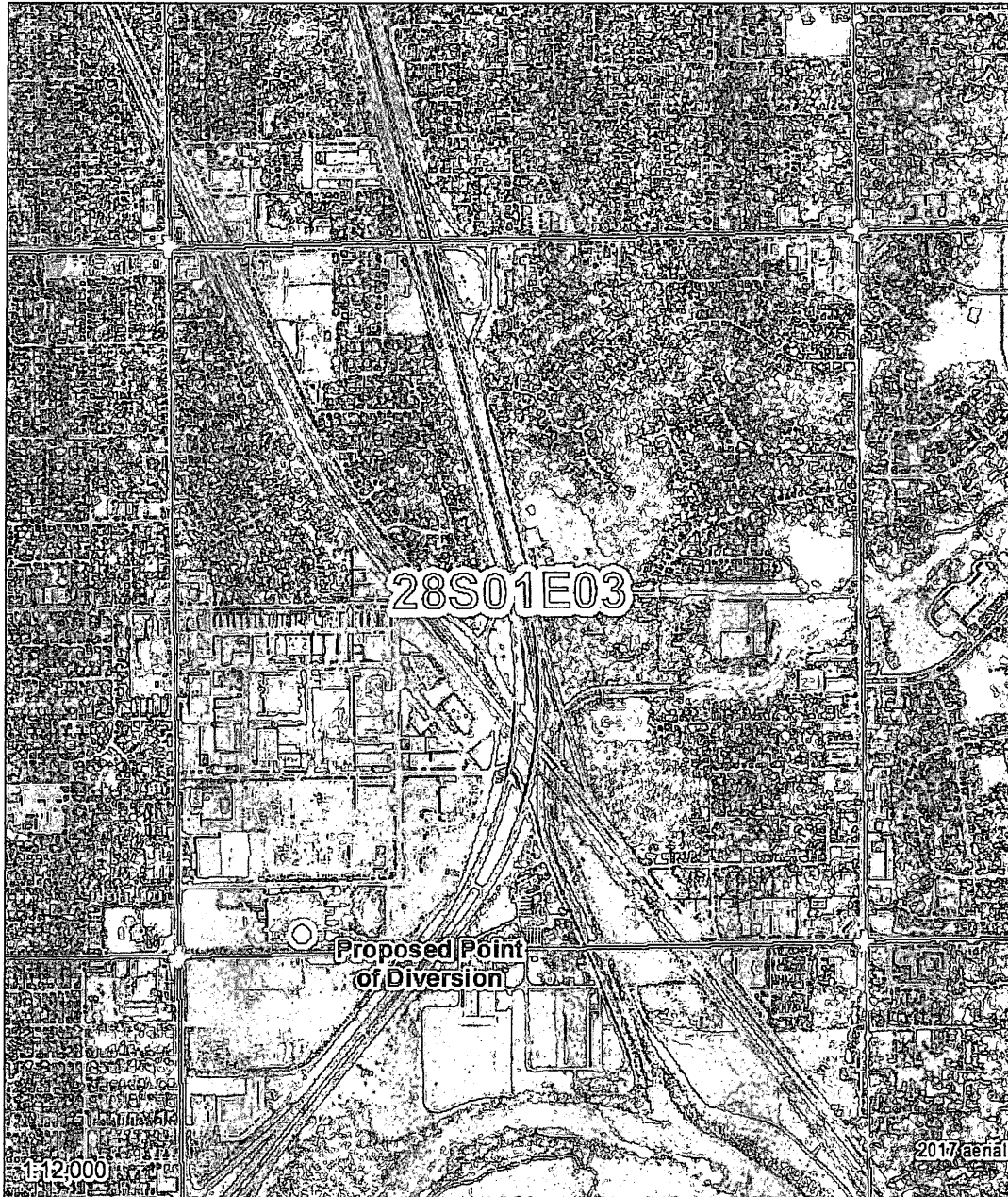
STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
DIVISION OF WATER RESOURCES
STAFFORD FIELD OFFICE
300 S. MAIN STREET
STAFFORD, KS 67578-1521



PHONE: (620) 234-5311
FAX: (620) 234-6900
www.agriculture.ks.gov

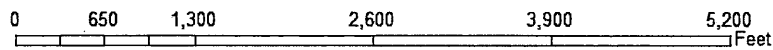
GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE



Legend

- Section Corners
- Section Lines

MJM-DWR 1/9/19



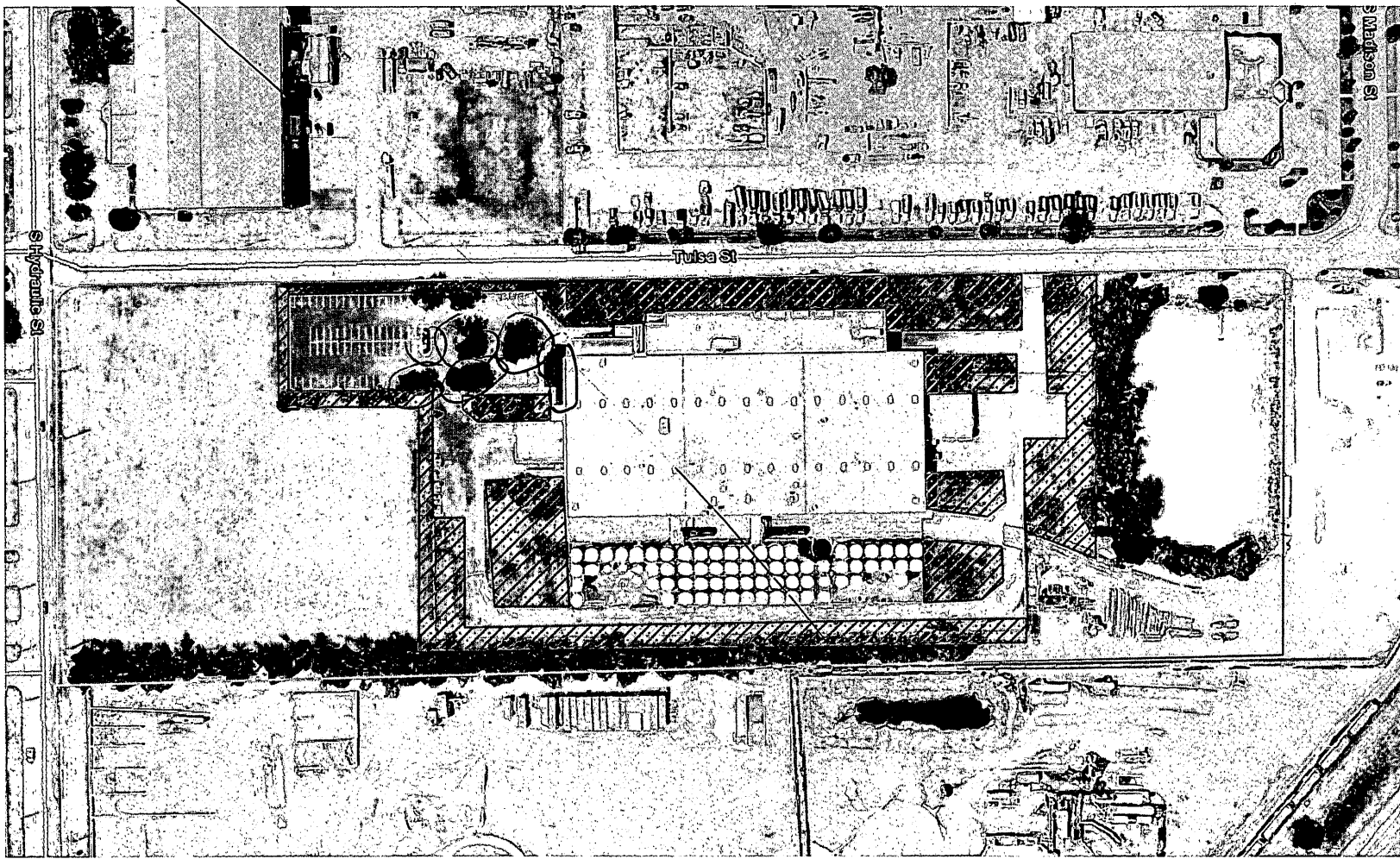
Proposed Water Appropriation, File No. 49,377
3-28S-1E
Sedgwick County



Possible areas being irrigated. Verify



VOID



RECEIVED

AUG 06 2018

Stafford Field Office
Division of Water Resources

SCANNED




WATER RESOURCES
RECEIVED

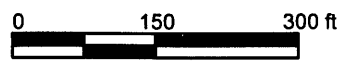
APR 27 2015

KS DEPT OF AGRICULTURE

0401021

LEGEND


-  DIVERSION LOCATION
-  PROPERTY BOUNDARY
-  IRRIGATED AREA (~3.16 ACRES)



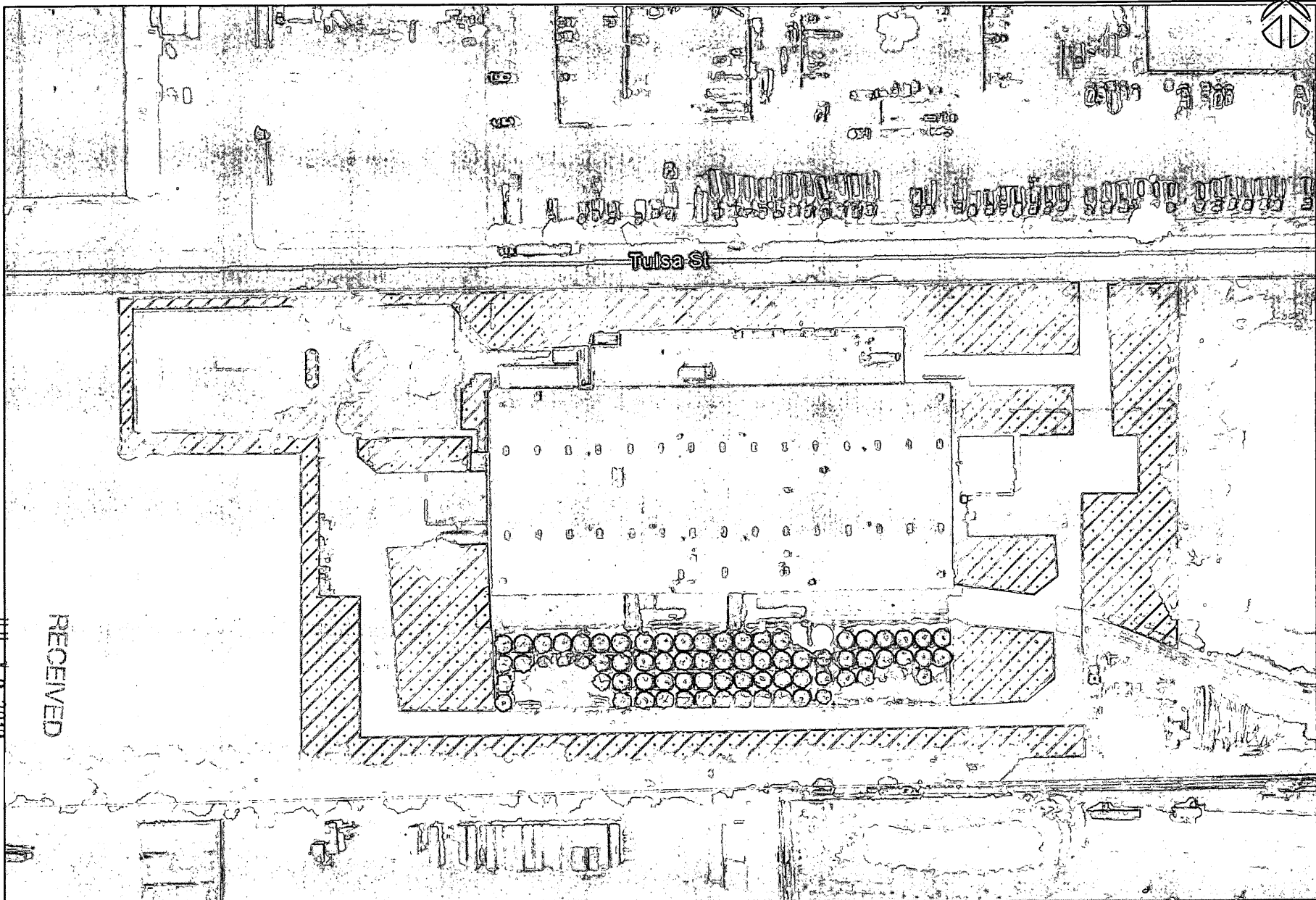
LUBRICATION ENGINEERS

PROJECT NAME
FIGURE 2:
AERIAL PHOTOGRAPH
SHEET TITLE

N. CHAVEZ PROJECT MGR.	B. WEST DRAWN BY:	M. THOMPSON CHECKED BY:
4-13-2015 DATE	1401055 JOB NO.	1 / 1 SHEET/OF






NORTH

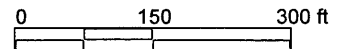


Tulsa St

RECEIVED

LEGEND

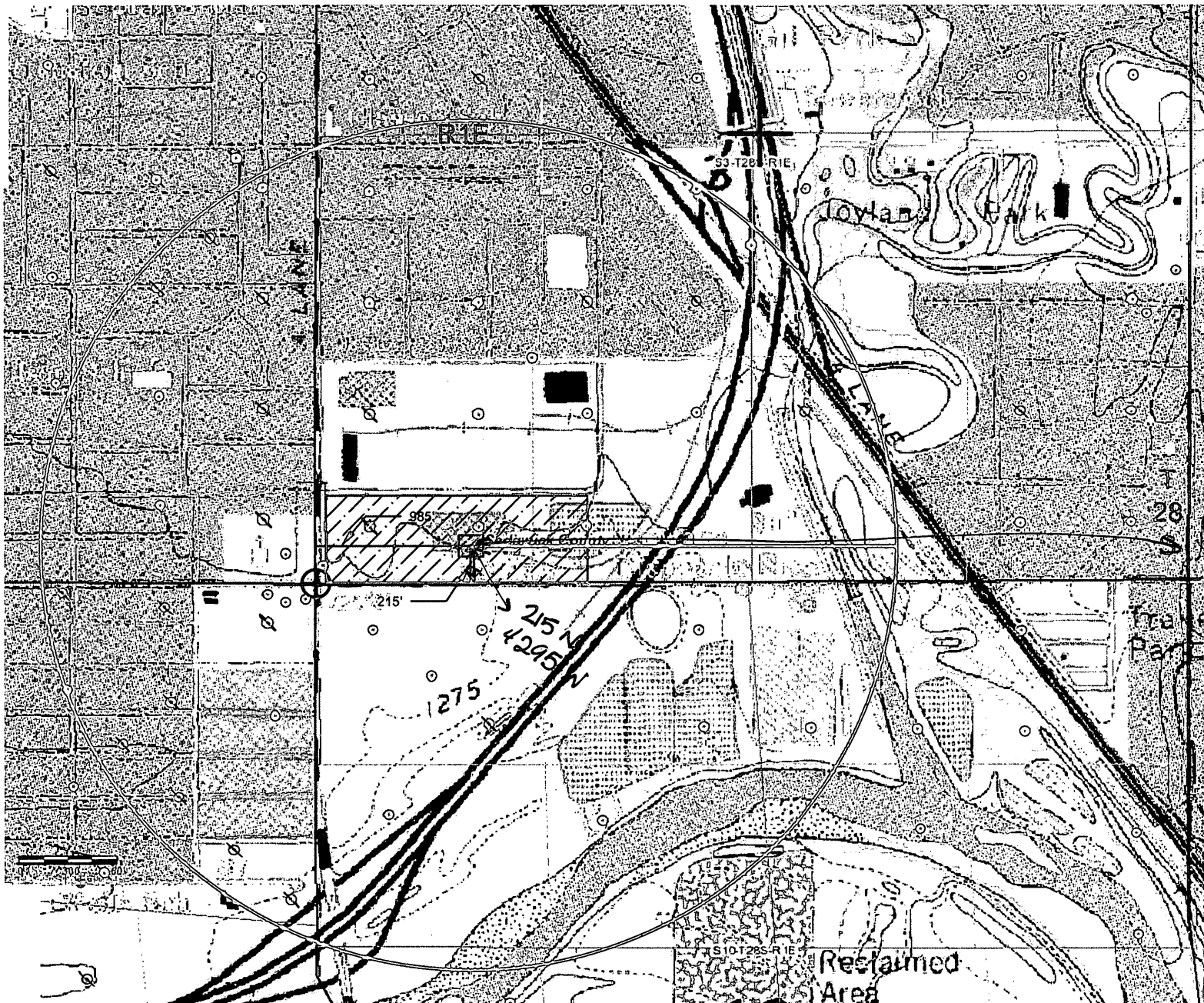
-  DIVERSION LOCATION
-  PROPERTY BOUNDARY
-  IRRIGATED AREA
(~3.16 ACRES)



LUBRICATION ENGINEERS		
PROJECT NAME		
FIGURE 2:		
AERIAL PHOTOGRAPH		
SHEET TITLE		
J. OVERHEUL	N. JOHNSON	J. OVERHEUL
PROJECT MGR.	DRAWN BY:	CHECKED BY:
7-3-2018	1801040	1 / 1
DATE	JOB NO.	SHEET/OF

JUL 19 2018

Stafford Field Office
Division of Water Resources



RECEIVED

AUG 06 2018

WATER RESOURCES RECEIVED








APR 27 2015

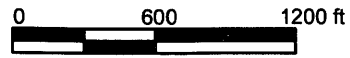
Stafford Field Office
Division of Water Resources

KSDPT OF AGRICULTURE

SCANNED

LEGEND

-  1/2 MILE RADIUS
-  WATER WELL LOCATION
-  PLUGGED WATER WELL LOCATION
-  CENTER OF SECTION 3
-  SW CORNER OF SECTION 3
-  LOCATION OF DIVERSION (SE SW SW SEC.3-T28S-R1E)
-  PROPERTY BOUNDARY



LUBRICATION ENGINEERS
 PROJECT NAME
 FIGURE 1:
 TOPOGRAPHIC WELL LOCATION MAP
 SHEET TITLE
 N.CHAVEZ PROJECT MGR. 4-10-2014 DATE
 B.WEAST DRAWN BY. 1401055 JOB NO.
 K.BOULANGER CHECKED BY. 1/1 SHEET/0F



1320 Research Park Drive
Manhattan, Kansas 66502

Jackie McClaskey, Secretary

Phone: (785) 564-6700
Fax: (785) 564-6777
Email: ksag@kda.ks.gov
www.agriculture.ks.gov
Sam Brownback, Governor

April 29, 2015

LUBRICATION ENGINEERS, INC
1919 EAST TULSA ST, PO BOX 16447
WICHITA KS 67216

RE: Application
File No. 49377

Dear Sir or Madam:

Your application for permit to appropriate water in 3-28S-1E In Sedwick 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 me at (785) 564-6643. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent Turney, L.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: STAFFORD Field Office
GMD

SCANNED

Analysis Results

The selected PD is in an area OPEN to new appropriations.

The safe yield based on the variables listed below is 2,130.89 AF. $- 478.94 = 1651.95 \text{ AF}$

Total prior appropriations in the circle is 656.70 AF.

Total quantity of water available for appropriation is 1,474.20 AF.

49,377
meets Safe Yield

Safe Yield Variables

The area used for the analysis is set at 6,314 acres.

The potential annual recharge at the circle center is estimated to be 5.4 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 21-MAR-2018 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 20 water rights and 28 points of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth Quant	Add Quant	Tot Acres	Net Acres
V SG 16 00	IND	AA	G					2546	4713	09	28	01E	2	WR	8.82	8.82		
Same	IND	AA	G					2546	4971	09	28	01E	4	WR				
Same	IND	AA	G					2380	4675	09	28	01E	5	WR				
Same	IND	AA	G					2400	4800	09	28	01E	6	WR				
Same	IND	AA	G					2468	4790	09	28	01E	7	WR				
V SG 95 00	IRR	AA	G		SW	NW	NW	0	0	34	27	01E	1	WR	50.00	50.00	45.00	45.00
A 7486 00	IRR	NK	G		NW	NW	NW	5180	4880	34	27	01E	2	WR	14.00	14.00	20.00	20.00
A 7490 00	IRR	NK	G		SE	NE	NE	4260	500	05	28	01E	1	WR	19.00	19.00	33.00	33.00
A 39276 00	IND	NK	G		SE	NE	NW	4092	3085	10	28	01E	7	WR	12.28	12.28		
Same	IND	NK	G		SE	NE	NW	4060	2773	10	28	01E	10	WR				
Same	IND	NK	G		NW	SE	NW	3910	3323	10	28	01E	12	WR				
Same	IND	NK	G		SE	NE	NW	4340	3173	10	28	01E	8	WR				
Same	IND	NK	G		SE	NE	NW	4060	3073	10	28	01E	9	WR				
A 45461 00	IND	NK	G		SW	SE	SW	852	3280	03	28	01E	2	WR	15.74	15.74		
A 47116 00	REC	MM	G		NC	N2	SE	2168	1313	08	28	01E	9	WR	85.00	85.00		
A 47602 00	IRR	LO	G		SE	SE	NW	3320	2780	08	28	01E	12	WR	13.00	13.00	10.00	10.00
A 47610 00	IRR	LO	G		NW	NE	SW	2540	3928	08	28	01E	13	WR	9.75	9.75	7.50	7.50
A 48403 00	IND	GY	G		SE	NW	NW	4300	4200	09	28	01E	3	WR	65.00	65.00		
A 48643 00	IND	GY	G					856	4179	04	28	01E	6	WR	1.35	1.35		
A 48855 00	IRR	GY	G		NW	SE	SE	1300	1102	32	27	01E	2	WR	161.30	161.30	74.00	74.00
A 48861 00	IRR	GY	G					5350	4085	04	28	01E	7	WR	161.30	0.00	74.00	0.00
A 48862 00	IRR	GY	G					5350	4930	04	28	01E	8	WR	161.30	0.00	74.00	0.00
A 48863 00	IRR	GY	G		SW	NW	SW	1970	4890	33	27	01E	6	WR	161.30	0.00	74.00	0.00
A 48864 00	IRR	GY	G		SE	NW	SW	1970	4170	33	27	01E	7	WR	161.30	0.00	74.00	0.00
A 48866 00	IRR	GY	G		SW	NE	NW	3990	3810	33	27	01E	8	WR	185.00	0.00	74.00	0.00

478.94 AF

0.00 23.7 based limitation

Safe Yield Report Sheet
Water Right- Proposed Point of Diversion
Point of Diversion in 03-28S-01E
Footages from SE corner- 215 feet North 4,295 feet West

