Note   Control		WELL RECO	ORD	Form WV					on of Water			NANNIA	
WELL	X Orig	inal Record	Correction	on Change in	Well Ust		I	Resourc	es App. No.		Well ID	MW12	
2	ŀ		TER WI	ELL:	1							Number	
Basiness: Kwith Stopp, lace		<del></del>			<u></u>			<u>'</u>	<u> </u>		<u></u>		
Address	l				First:	L.							
Address		• •									idiess, eneck ii	SIC	
A						1			<b>,</b>				
SECTION BOX:												<del></del>	
Section No.:   No.			1 '	DEPTH OF CO	MPLETED	WELL:	34 It	5		07.40		Ų ,	
Now			1 '-			or 4) Dry		1		Datum: WGS			
No.				LL'S STATIC WAT	ER LEVEL	: 24.21	ft.	ł					
Pump text data: Well vaser vas		x		below land surfa	ice, measure			19			***************************************	)	
	NW	NE -	_		•	, , ,						•)	
Sware   Swar	,					***************************************	<u> </u>						
SW	w		– E	after ho	urs pumpin	g S	gpm <del>o</del>	om Unline Mapper					
Estimated Yield: gran   Bore Hole Diameter: 7.25 in to 0, 0, and of 10   Other   Oth	'	1	1 1					6	Elevation	1236.37 ft	Ground L	evel X TOC	
	- sw	SE	T   E				<b>.</b> .		Source X				
Totals			_	ore Hole Diameter:	7.25	in to	ft, and	i		0.1		-	
Nomestic   Continuous Six   Continuous		~				in to	ft		-				
Domestice	<del></del>	*** *** ****	<u> </u>	·S:			.,					•	
Household   6   Dewntering: how many wells?   Li Test Idle: well ID   Jeaned   Georethnical   Livestock   Garden   To   Aquife Recharge well ID   MW12   Livestock   Garden			_		pply: well II	)		10	Oil Field V	Water Supply: leas	e		
Livestock   S   Monitoring; well ID MW12   12 Goutemant How many loces?   3   Feedlot	Hou	sehold	6	<del></del>				,					
Trigation   9 Environmental Remoderations: well ID   a) Closed Loop   Horizontal   Vertical   high of Water   high of Water well disinfected?   Ves   X   No   S   TYPE OF CASING USED:   Steel   X   PVC   Other   CASING JOINTS:   Glued   Clampled   Welded   X   Threaded   Casing diameter   2 m. to   19 ft,   Disancter   in. to   In. to   In.	==		<u></u>	<b>≓</b> . ~							Geotechnic	:al	
Geedlet			_					12			<del>. —</del>		
Mast   Recovery   Injection   Other (specify):	, <u> </u>		9 E						-	•			
Water well disinfected?    Yes   X   No			 	=	<b></b>	•					ischarge	j mj. or water	
Mater well disinfected?   Yes   S   No			L										
STYPE OF CASING USE):					HE?	Yes X No	If ye	s, date	sample was sul	omitted:			
Casing diameter   2   ii.   to   19   ft,   Diameter   casing height above land surface   0.35   ii.   Weight   bibs:/ft.   Well thickness or gauge No							O A CINI	2.100	те Пе			V m	
Casing height above lands surface 0.35 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL:  Steel Stainless Steel Concrete tile None used (open hole)  SCREEN OR PERFORATION OPENNORS ARE:  Continuous Slot Mill Slot Gauze Wrapped Saw Cut None (Open Hole)  SCREEN OR PERFORATION OPENNORS ARE:  Continuous Slot Mill Slot Gauze Wrapped Saw Cut None (Open Hole)  SCREEN OR PERFORATION OPENNORS ARE:  Continuous Slot Mill Slot Gauze Wrapped Saw Cut None (Open Hole)  Screen Continuous Slot Mill Slot Gauze Wrapped Gauze	Casing diar	neter 2 in	n. to I	9 ft. Diame	eter Other	in. to	CASING	J JOIN	Diameter	in to	weided	A Threaded	
Steel	Casing heig	ght above land surfa	ice -0	. <u>35</u> in. W	eight		lbs./ft.	Well thi	ickness or gaug	A 1			
Brass Galvamized Steel Concrete tile None used (open hole)  SCREEN OR PERFORATION OPENINGS ARE:  Continuous Stot X Mill Stot Gauze Wrapped Saw Cut None (Open Hole)  SCREEN-PERFORATED INTERVALS: From 19 ft. to 34 ft, From ft. to ft, From f	TYPE OF	SCREEN OR PI	ERFORA	TION MATERIAI	L:								
SCREEN OR PERFORATION OPENINGS ARE:  Continuous Slot X Mill Slot Gauze Wrapped Store New Part of Continuous Slot X Mill Slot Gontain Store		<u> </u>					L	Ot	her (Specify)			·	
Continuous Stot   X   Mill Stot   Gauze Wrapped   Saw Cut   Sow Cut   None (Open Hole)				·J	No	ne used (open h	ole)						
Louvered Shutter	l	_	_		o Wanan o d	Toursh .	~ [	rs_:::- 4	11-1	O41(6i6			
SCREEN-PERFORATED INTERVALS: From 19 ft. to 34 ft, From ft. to ft. The from ft. to ft, From ft. to ft. The from ft. The fr					Wranned					Other (Specify	y <u>)</u>		
GRAVEL PACK INTERVALS: From 17 ft. to 34 ft. From ft. to ft. F	SCREEN-P	PERFORATED IN	TERVALS	S: From 19	ft. to	34 ft, Fr	om			ft, From	ft. to	ft.	
9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.7* Grout intervals: From 0.7 ft. to 17 ft, From ft. to ft, From f	GRA	AVEL PACK INT	TERVALS	S: From 17	ft. to	34 ft, Fr	om	ft.	to	ft, From	ft. to	ft,	
Septic Tank	1												
Septic Tank	Grout inter-						ft,	From	ft.	to ft,		***************************************	
Sewer Lines   Cess Pool   Sewage Lagoon   X Fuel Storage   Abandoned Water Well	Nearest so	urce of possible	contamin:	ation:	***************************************		•••••			***************************************			
Watertight Sewer Lines   Seepage Pit   Feedyard   Fertilizer Storage   Oil Well / Gas Well   Other (Specity)   Direction from well? N   Distance from well? ~150   ft    10 FROM TO   LITHOLOGIC LOG   FROM TO   LITHOLOGIC NOT PLUGGING INTERVALS   0 0 0.8 Topsoil, silty clay				===		•	<u></u>			Insecticid	e Storage		
Other (Specity) Direction from well? N Distance from well? ~150  10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  0 0.8 Topsoil, silty clay 0.8 16.5 Silty clay 16.5 19 Clayey silt 19 30.5 Silty clay 30.5 Silty clay 30.5 Silty clay 30.5 Silty clay 30.6 Notes: KDILE ID: Kwik Shop #708; U5-085-13576 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.  11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was jurisdiction and was completed on (mo-day-year) 10/21/19 and this record is true to the best of my knowledge and belief. Kansas he well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 1/122/19 under the business name of Larsen & Associates, Inc.  Mail I white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Will 18 Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.			Ļ	=			=		-	<u></u>			
Direction from well? N Distance from well? ~150 ft  10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS  0 0.8 Topsoil, silty clay 0.8 16.5 Silty clay 16.5 19 Clayey silt 19 30.5 Silty clay 30.5 Silty clay 30.5 Tine to medium sand  Notes: KDHE ID: Kwik Shop #708; U5-085-13576 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.  11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was purisdiction and was completed on (mo-day-year) 10/21/19 and this record is true to the best of my knowledge and belief. Kansas Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 11/22/19 under the business name of Larsen & Associates, Inc.  Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water Well Owner and retain one for your records. Telephone 785-296-5524.	. ==		L	Seepage Pit	Fe	edyard		Fertiliz	er Storage	Oil Well /	Gas Well		
TO   LITHOLOGIC LOG   FROM   TO   LITHOLOGIC INTERVALS			***************************************	•••••		stance from well	2 - 150			6			
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	Visit			•	as 00012-130			ici and	retain one for yot	n records. reteptions			





November 22, 2019

Larsen and Associates
Jessica Chapman
1311 East 25<sup>th</sup> Street, Suite B
Lawrence, Kansas 66046
Email: jess@larsenenvironmental.com

RE:

Project No. 1911MN1333

Jessica:

The following is the information requested on a Monitoring Well Site, Kwik Shop No. 708, 1121 West Cloud, Salina, Saline County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.26 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West	
SE Corner S.26-T14S-R03W	40000	40000							
MW12	45087.74	36459.29	5087.74	3540.71	1236.72	1236.37	38.81208	97.62526	
MW13	45354.99	36631.84	5354.99	3368.16	1236.50	1236.20	38.81281	97.62466	
Site BM	45270.13	36584.03	5270.13	3415.97		SBM Elevation = 1237.85			

BM Description: "X" cut on west rim of sanitary sewer manhole at northeast corner of site.

MW12 is in the:

NE¼ NW¼ NE¼ NW¼ S.26-T14S-R03W

MW13 is in the:

SE% SW% SE% SW% S.23-T14S-R03W

If you have any questions, please do not hesitate in giving us a call.

Sincerely,

Tim Sloan, L.S. SMH CONSULTANTS