Noting and Control Concretion Content Control	WATER V				WWC-				ision of Water			MXX/7D
County Allen					inge in Wel	II Ust		Reso		L	Well ID	MW7R
2 WELL WATER TO BE USED AS: Now			VATER WÉ	LL:	Fra		NW	% NW %				
Beniese: Greaffield Environmental Multituate Trust LLC 20 5. States 11, John 1. States 12, John 2. State			ast Name: Ec	kert	Fir			-		'	<u>.</u>	
Sale: WA ZIP: 98021 State: WA ZIP: 98021	Busines	ss: Greenfield	Environmenta				fror	n nearest tow	vn or intersection			
State Wall			d Place SE				201 S.	State St, Iola,	, KS			
3			thell	State: WA	711	P· 98021						
SECTION BOX: Value Value			4	DEPTH O	COMPI	LETED WELL:	24	ft	5 Latitude:			
SECTION BOX: Value Value	1		Dept	h(s) Groundv	vater Enco	ountered: 1)	4	ft		e 95.408	365 (d	ecimal degrees)
Source S	SECTI		2) WEI	I 'C CTATIC	t 3)	ft, or 4)						83 NAD 27
Section Sect	IX I	<u> </u>	WE	-		***************************************	*******************************	i			-)
Pump test data: Well vaser was	1 1 '									·		
SWELL WATER TO BE USED AS: WELL WATER TO BE USED AS: Demostre: Simple public water Supply: well ID Other Other Other Other	I I NW	NE NE	Pu	mp test data:	Well wat	ter was	ft f	***************************************				
sw se set after hours pumping gpm some street stree	w		Ε	after	hours	pumping	gpn	1	Onlin	е Маррег		
Estimated Yield:gpm Green		I		after				, ⊦	6 Elevation	961.27 ft	Ground I	evel X TOC
Bore Hole Diameter: 7.25 in to n.	sw .	SE SE					Spri	'		***************************************		
VELL WATER TO BE USED AS:	<u> </u>		Bo	re Hole Dian	neter:	7.25 in to	ft, a	ınd				
Townstein		S				in to	ft				***************************************	••••••
Domestic: 5				2.								
Household 6 Dewatering: how many wells? 11 Test Hole: well ID Livestock Standard To Aquifer Recharge: well ID MW7R 12 Geode-mail: How many boxes? 11 Test Hole: well ID Gased Uneased Georeclinical Uvestock Standard To Cased Uneased Georeclinical Cased Uneased Uneased Georeclinical Cased Uneased Cased Uneased Cased Cased Uneased Cased Uneased Cased Uneased Cased Cased Uneased Cased Uneased Cased Cased Cased Uneased Cased		WAIER IO			er Supply:	: well ID		1	Oil Field	Water Supply: leas	e	
Livestock S X Monitoring: well ID MW7R 12 Geotherals: How many bores?	· House	hold		-								
Pediot P									Cased	Uncased	Geotechni	al
Reculot Reculot Recovery Injection Soil Vapor Extraction Soil Open Loop Surface Discharge Inj, of Water Inj,								i				
A			9 En	_		-	- 4 !		,			-
Water well disinfected?			<u></u>				ctior			aciful.		•
Water well disinfected? Yes No												
TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clampled Welded X Threaded Casing diameter 2 in to 9 ft, Diameter in to ft, Diame					o KDHE	? Yes X	No	If yes, da	ite sample was s	ubmitted:	·····	***************************************
Casing diameter 2 in. to 9 ft, Diameter in. to ft, Casing height above land surface 0.32 in. Weight bs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) Steel Stainless Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Saw Cut None (Open Hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 9 ft. to 24 ft. From ft. to ft. From ft. From ft. From ft. To ft. From ft. From ft. From ft. From ft. From ft. From ft. To ft. From ft. Fr					· ·	lou		01001010	n ITC	1 0 1	<u></u>	[V] TI
Casing height above land surface	Casing diame	eter 2	in. to 9	JSteel [X]	PVC [Diameter	JOtherin	to	CASING JO	Diameter	in to	Welded	A I hreaded
Steel Stainless Steel Fiberglass X PVC Other (Specify) Steel Stainless Steel Fiberglass X PVC Other (Specify) Steel Stainless Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE:	Casing height	t above land su	rface -0.3	2 in.	Weigh	t	lbs.	/ft. Well	thickness or gau	ge No		
Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 9 ft. to 24 ft. From ft. to ft. From ft. t	TYPE OF S	CREEN OR	PERFORAT	ION MATE	RIAL:							
SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gaize Wrapped Saw Cut Orin Control Sow Cut Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut One (Open Hole) SCREEN-PERFORATED INTERVALS: From 9 n. to 24 nl, From nl. to nl, From	==	=							Other (Specify)			
Continuous Slot						None used (o	pen hole)	•				
Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)	1 —						C4		lad IIIalaa			
SCREEN-PERFORATED INTERVALS: From 9 ft. to 24 ft, From ft. to											y <u>)</u>	
GRAVEL PACK INTERVALS: From 7 ft. to 24 ft, From ft. to ft, Fr	I SCREEN-PE	RFORATED	INTERVALS	From	9 ft.	to 24 ft,	From	. fi	t. to	ft, From	ft. to	ft,
9 GROUT MATERIAL: Neat cement Cement grout X Bentonite RX Other Concrete: 0-1' Grout intervals: From 1 ft. to 7 ft, From ft. to ft, From ft. t	GRAV	VEL PACK I	NTERVALS:	From	7 ft.	to 24 ft,	From	fi	t. to	ft, From	ft. to	ft,
Grout intervals: From 1 ft. to 7 ft, From ft. to ft, From ft. to ft, From ft. to ft, Nearest source of possible contamination: Septic Tank	9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-1											
Septic Tank	Grout interva	ıls: From	1 ft. to	7	ft, Fron	n ft. to		ft, Fro	m ft.	to ft,		***************************************
Sewer Lines Cess Pool Sewage Lagoon X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specity) Direction from well? S Distance from well? ~5 10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG (cont.) or PLUGGING INTERVALS 0 1 Topsoil; silty clay, gravels 1 7 Sandy/silty clay, rubble with pea stone 7 8 Rubble chunks 8 12 Silty clay, some gravels 12 24 Silty clay, gravel/rock fragments Notes: KDHE ID: Kerr McGee #121-7330; U3-001-00076 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 intraction in a was completed on (mo-day-year) 12/1/20 and this record is true to the best of my knowledge and belief. Kansas Water Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 1/13/21 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 Water, Curps Section,	Nearest sour	rce of possibl	e contamina	tion:		***************************************		******		***************************************		
Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specity) Direction from well? S Distance from well? ~5 ft 10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS 0 1 Topsoil; silty clay, gravels 1 7 Sandy/silty clay, rubble with pea stone 7 8 Rubble chunks 8 12 Silty clay, some gravels 11 24 Silty clay, gravel/rock fragments 12 24 Silty clay, gravel/rock fragments 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 12/1/20 and this record is true to the best of my knowledge and belief. Kansas Water Well Record was completed on (mo-day-year) 1/13/21 under the business name of Larsen & Associates, Inc. Signature 10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 1/13/21 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 1/13/21 12 License No				₹	es					Insecticid	e Storage	
Other (Specity) Direction from well? S Distance from well? -5 R 10 FROM TO LITHOLOGIC LOG FROM TO LITHOLOG (cont.) or PLUGGING INTERVALS 0 1 Topsoil; silty clay, gravels 1 7 Sandy/silty clay, rubble with pea stone 7 8 Rubble chunks 8 12 Silty clay, some gravels 12 24 Silty clay, gravel/rock fragments Notes: KDHE ID: Kerr McGee #121-7330; U3-001-00076 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 X constructed or plugged under my jurisdiction and was completed on (mo-day-year) 12/1/20 and this record is true to the best of my knowledge and belied. Kansas Water McGentractor's License No 757 This Water Well Record was completed on (mo-day-year) 1/13/21 under the business name of Larsen & Associates, Inc. Signature Mail I white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GN-38 Section,	===		<u>_</u>	=			on		-			
Direction from well? S Distance from well? ~5 10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS 0	1 ==	·	ies	Seepage Pi	t	Feedyard		Ferti	ilizer Storage	Oil Well	Gas Well	
Topsoil; silty clay, gravels Topsoil; silty clay, gravels Topsoil; silty clay, rubble with pea stone Topsoil; silty clay, rubble with pea stone Topsoil; silty clay, rubble with pea stone Topsoil; silty clay, some gravels Topsoil; silty clay, gravel/rock fragments Topsoil; silty clay, gravel/rock fragm	Direction from	(Specify)				Distance from		~5		0		
0 1 Topsoil; silty clay, gravels 1 7 Sandy/silty clay, rubble with pea stone 7 8 Rubble chunks 8 12 Silty clay, some gravels 12 24 Silty clay, gravel/rock fragments Notes: KDHE ID: Kerr McGee #121-7330; U3-001-00076 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	10 FROM	TO	i i	I ITD)LOCIC	CLOC			T	T	ont) a- Di 11001	NC INTERNALS
1 7 Sandy/silty clay, rubble with pea stone 7 8 Rubble chunks 8 12 Silty clay, some gravels 12 24 Silty clay, gravel/rock fragments Notes: KDHE ID: Kerr McGee #121-7330; U3-001-00076 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) 12/1/20 and this record is true to the best of my knowledge and belief. Kansas Water Will Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 1/13/21 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 Water GW-S Section,			Topsoil; silty		JIJOUIC	LOG		TROM	10	LITHO. LOG (co	ont.) of PLUGGI	NO INTERVALS
8 12 Silty clay, some gravels 12 24 Silty clay, gravel/rock fragments Notes: KDHE ID: Kerr McGee #121-7330; U3-001-00076 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 X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 12/1/20 and this record is true to the best of my knowledge and belief. Kansas Water Well Record was completed on (mo-day-year) 1/13/21 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 Water GW-S Section,		7			th pea stor	ne						
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the direction of KDHE. 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was												14
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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 Water GWAS Section,			7 Th	nis Water We	II Record	was completed on	(mo-day	year) 1/13/	/21			
	License No							***********		יייייייייייייייייייייייייייייייייייייי		
1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for vour records. Telenhone 785-296-5524			of Larsen &	Associates, I	nc.							
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015		Mail 1 white	of Larsen & e copy along wit	Associates, I h a fee of \$5.0	nc. O for each o	constructed well to: K	ansas De	partment of He	ealth and Environr			

DENNIS L HANDKE

1820 NW 59th Terrace TOPEKA, KANSAS 66618 785-286-4047 Home 785-286-1990 Fax

Jess Chapman Larsen & Associates 1311 E. 25th Street, Suite B Lawrence, Kansas 66046 December 15, 2020 Revised January 8, 2021

RE: Monitor Well Elevation Survey 201 S. State Street, Iola, Kansas

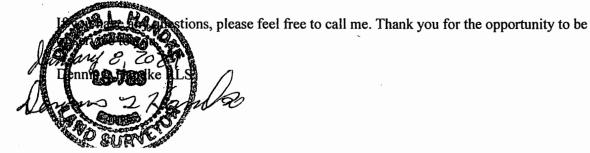
Proj. 20-00EEE Kerr McGee #121-7330 KDHE ID U3-001-00076

Bench Mark: Chisled Sq. on SW corner of concrete storm sewer inlet near the NW Corner of property.

Elev: 961.0	6 North	5007.53	West	5220.83	(from SE Cor. Sec. 35-24-18E)
MW-1R	· rim	961.18	North	4972.30	NW1/4,NW1/4,NW1/4,NW1/4
	top pipe	960.88	West	5197.32	Lat = 37.92123 Long = 95.40883
MW-2R	rim	961.08	North	4976.99	NW1/4,NW1/4,NW1/4,NW1/4
	top pipe	960.79	West	5223.48	Lat = 37.92124 Long = 95.40892
MW-3R	rim	960.87	North	4923.58	SW1/4,NW1/4,NW1/4,NW1/4
i die	top pipe	960.56	West	5225.28	Lat = 37.92109 Long = 95.40892
MW-4R	rim	960.42	North	4874.12	SW1/4,NW1/4,NW1/4,NW1/4
	top pipe	959.97	West	5225.75	Lat = 37.92096 Long = 95.40893
MW-5R	rim	961.03	North	4876.64	SW1/4,NW1/4,NW1/4,NW1/4
	top pipe	960.55	West	5188.22	Lat = 37.92096 Long = 95.40880
MW-6R	rim	961.17	North	4947.11	NW1/4,NW1/4,NW1/4,NW1/4
	top pipe	960.91	West	5201.86	Lat = 37.92116 Long = 95.40884
MW-7R	rim	961.59	North	4987.98	NW1/4,NW1/4,NW1/4,NW1/4
	top pipe	961.27	West	5146.21	Lat = 37.92127 Long = 95.40865
MW-8R	rim	961.65	North	4995.76	NW1/4,NW1/4,NW1/4,NW1/4
	top pipe	961.34	West	5185.10	Lat = 37.92129 Long = 95.40878
MW-10R	rim	962.16	North	4996.62	NW1/4,NW1/4,NW1/4,NW1/4
	top pipe	961.86	West	5114.05	Lat = 37.92129 Long = 95.40854

Elevation derived from FIMA BM R-4. NAVD 88.

Lat & Long derived from Iola 7.5 Quad Map WGS84.



RECEIVED

JAN 15 2021

BUREAU OF WATER

