1 LOCATI	ION OF WATE	D WELL.	WATER Fraction	R WELL RECO	RD For			4 82a-12 umber		in Mumbar			Niverbas	_
_	_	iley	SW 1/4	SW 1/	NW		1 1	umber		nip Number 11 s	- 1	_	Number 7	_
County: Distance ar			n or city street add		located wi	thin city?		KG	<u> </u>	11 5		R		E
2 WATER	NA/ELL OVA/NE	. Kansa	State Unive				ıııaıı,	NO						\dashv
			wards Hall	iony Attii	. Itoliy	0.000			Board of	Agriculture,	Divisio	n of Mator	r Docouros	
			ttan, KS 6650	5						n Number:		ii oi vvalei	i ivesource	,s
LOCATI		CATON WITH			VELL	3(O ft	. FLEV				4.77		
3 LOCATE WELL'S LOCATON WITH 4 DEPTH OF COMPLETED WELL 30 ft. ELEVAL N Depth(s) Groundwater Encountered 1.5 24.5 ft. WELL'S STATIC WATER LEVEL 24.92 ft. below land suit								2Ft. 3Ft.					t. C	
-	NW	NE	Pump	test data: V	Vell water	was		Ft	. after	hoi	urs pur	ping	Gpr	۾ m
W W	K		Est. Yield	Gpm: V	Vell water	was <u>ā</u>		Ft	after	Ho	urs pun	nping	Gpr	n ř
	SW	- SE	Bore Hole Diamet WELL WATER TO 1 Domestic	er 8.5 BE USED A 3 Feed lot	In. to S: 5 Pu 6 Oil	blic water s field water	upply supply	 ,	ft. and 8 Air cor 9 Dewat	ditioning ering	in. to 11 12 (njection w Other (Spe	ell cify below	t. S
 			2 Irrigation	4 Industria	l 7 La	wn and gar	den (de	omestic) 10 Moni	oring well	_	MW	-4	
_	S		Was a chemical/b. Submitted	acteriological	sample su	bmitted to	Depart		res Ner Well Disin		-	• •	ample was X	
5 TYPE O	F BLANK CAS		Oddinitiou	5 Wrought	Iron	8 Conc	rete tile		CASING					\dashv
1 Ste		_	SR)								Velded			
2 PV	/C	4 ABS		7 Fiberglas	s]	hreade	ed .	. <u>X</u>	
Blank casin	g diameter	2	in. to 20	Ft., Dia		ln.	to		ft., Dia		in.	to	fi	:.
Casing heig	ght above land	surface	FLUSH i	n., weight	SC	H 40		Lbs./ft.	Wall thickne	ss or gauge	No.			
TYPE OF S		ERFORATION 3 Stainle		5 Fiberglas				(SR)	10					
2 Bra	ass	4 Galvan	ized steel	6 Concrete			ABS	(SK)	12	Other (spec	(open h	nole)		·- -
		TON OPENING				d wrapped			8 Saw cut				pen hole)	
	ntinuous slot	-	Mill slot			rapped			9 Drilled h					
	uvered shutter	INTERVALS:	Key punched From		Torch o			ft Cr	10 Other (s	specity)				
OOKELIVI	LIN OIVNED	INTERVALO.	From											
SA	ND PACK INT	ERVALS:	From	1 8 ft.	to	30		ft. Fr	om		ft. to			_
			From	ft.	to			ft. Fr	om		ft. to		F	t.
6 GROUT	MATERIAL:	1 Neat o	ement 2 (Cement grout Ft.	_	• • • • • • • • • • • • • • • • • • • •		l '	4 Other				• • • • • • • • • • • • • • • • • • • •	}
			t. to 16	From3	16	Ft. to			ft. Fro					.
	nearest source ptic tank	e of possible o	ontamination: 4 Lateral lines	7	Ditario				ock pens					
	wer lines		Sewage la			Fuel st	orage er storage			I/ Gas wel		\dashv		
	itertight sewer		5 Cess pool6 Seepage pit		Feedyard	igoon			er storage cide storage			(specify be aminate		
Direction fro	•							many f	•		•••••			1
FROM	то	CODE	LITHOLO	GIC LOG		FROM	Т	0		PLUGGIN	G INTE	RVALS		\rfloor .
0 1	23	Soi	yey Silt		· · · · · · · · · · · · · · · · · · ·	****	-							_ i
23	25		y Clay				 			-				-
25	30		estone grave											
30	TD	End	of Borehole				-	<u> </u>						4
									-					_
							- 							_
												<u></u>		\dashv
-							-	_						4
							 	. -						\dashv
			S CERTIFICATIO	N: This water	well was									7
-	on (mo/day/yr)			13 585					e to the best	•	-			
	Contractor's Li usiness name	cense No	Associate		mental				ord was com (signature)					-
INSTRU	JCTIONS:. Ple	ase fill in blanks	and circle the correct	t answers. Se	nd three co	oies to Kans	as Dep	artment	of Health and	Environment	t, Burea	Waltey,	Topeka,	7



April 2, 2013

Associated Environmental, Inc. Brad Johnson 404 Pottawatomie Manhattan, KS 66502

Email: H2OGuys@sbcglobal.net

RE:

Project No. 1303MN1065

Dear Brad:

The following is the information requested on a Monitoring Well Site, KSU Ashland Bottoms, 2850 West 32nd

Avenue, Manhattan, Riley County, Kansas.

	,, -		Distance	From	Elev. Top	Elev. Top	74N	s - 6 3	Q
	North	East	SE Cor.	S.1	Of Rim or	of PVC	Latitude	Longitude	
Point	Coord.	Coord.	North	West	PK Nail	Pipe	North	West	
SE Corner S.1-T11S-R7E	10000	10000							_
AW1	12740.71	5250.63	2740.71	4749.37	1034.85	1034.28	39.12450	96.61364	
∕IW2	12782.47	5286.16	2782,47	4713.84	1034.42	1033.91	39.12458	96.61358	
AW3	12824.41	5256.73	2824.41	4743.27	1034.30	1033.88	39.12472	97.09222	
∕IW4	12733.20	5300.11	2733.20	4699.89	1034.77	1034.31	39.12447	96.61353	
1W5	12750.76	5157.60	2750.76	4842.40	1035.24	1034.69	39.12450	96.61403	
NW6	12670.03	5247.14	2670.03	4752.86	1035.26	1034.87			
ite BM	12735.95	5230.51	2735.95	4769,49		BM Elevation	on = 1035.54		
AW1 AW2 AW3 AW4 AW5 AW6	12740.71 12782.47 12824.41 12733.20 12750.76 12670.03	5250.63 5286.16 5256.73 5300.11 5157.60 5247.14	2782,47 2824,41 2733,20 2750,76 2670,03	4713.84 4743.27 4699.89 4842.40 4752.86	1034.42 1034.30 1034.77 1035.24	1033.91 1033.88 1034.31 1034.69 1034.87	39.12458 39.12472 39.12447 39.12450	96.61358 97.09222 96.61353	8 2

BM Description: "" Square cut on northwest corner of concrete pump island.

MW1, MW2, MW3, MW4, MW5, MW6 are in the:

SE'4 SW'4 SW'4 NW'4 S.1-T11S-R7E

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

Sincerely,

Tim Sloan, L.S. SMH CONSULTANTS