KOLAR Document ID: 1765887

WATER WELL RECORD (WWC-5)

KOLAR DOC ID

Correction

Lease Name & Well #: _

of boreholes: _____ # of dewatering wells: _

Original Record

WELL ID_____ Change in Well Use

LOCATION OF WATER WELL

Latitude	Longitude	Section	Township	Range	E W	Fraction	1⁄4	1⁄4	1⁄4
Datum	Elevation	County							

WATER WELL OWNER

Name	
Business	
Address	
Well location	
at owner's address	

CONSTRUCTION

Borehole interval:	Borehole diameter:
fromtoft.	in.
fromtoft.	in.
Casing height above land su	
If casing height is less th has a variance been app	roved?* Yes No
*variance not required for or environmental reme	
Casing type:	
Blank casing interval:	ft. toft.
Blank casing diameter:	in.
Casing joints:	
Weight:lbs	s/ft.
Wall thickness or gauge	no.:
Blank casing interval:	ft. toft.
Blank casing diameter:	
Casing joints:	
Weight:lbs	s/ft.
Wall thickness or gauge	
Grout interval: ft. to	oft.
Grout material:	
Grout interval: ft. to	oft.
Grout material:	
Screen / perforation material	:
Screen / perforation opening	gs:
Screen / perforation intervals	S:
Fromft. to	_ft.
Slot size unit	
Fromft. to	_ft.
Slot size unit	
Gravel pack intervals:	
Gravel pack not used:	Gravel size in
From ft. to	
Gravel pack not used:	
From ft. to	

	County				
COMPLETION					
сом	PLETION				
Dep	th of compl	eted well	l:		ft.
Dep	th(s) groun	dwater e	ncounter	ed:	
(1)_	ft.;	(2)	ft.;		
(3) _	ft.;	(4) (4)	lry well		
Stati	c water leve	el in well	:	ft.	
			l surface		
			l surface		
Estir	nated yield	:	_ gpm		
Wate	er level was:	:	_ ft. after		hours
		I	oumping		gpm
Pum	p installed?	Yes	No		
Wate	er well disir	fected?	Yes	No	

NEAREST SOURCE O	F POTENTIAL CONTAMINATION
Source:	
Distance from well:	Direction from well:
Source description:	
Source:	
Distance from well:	Direction from well:
Source description:	
No potential sou within 100 feet.	rce of contamination
PERMIT & ID NUMB	ERS (AS REQUIRED)
DWR Application N	lo.:
KDHE / EPA Projec	t Code:
Site Name:	
KDHE UIC Class V	Form Completed: Yes No
County Permit: Y	es No Permit ID:

Aquifer, if known:

Date disinfected (mm/dd/yy):

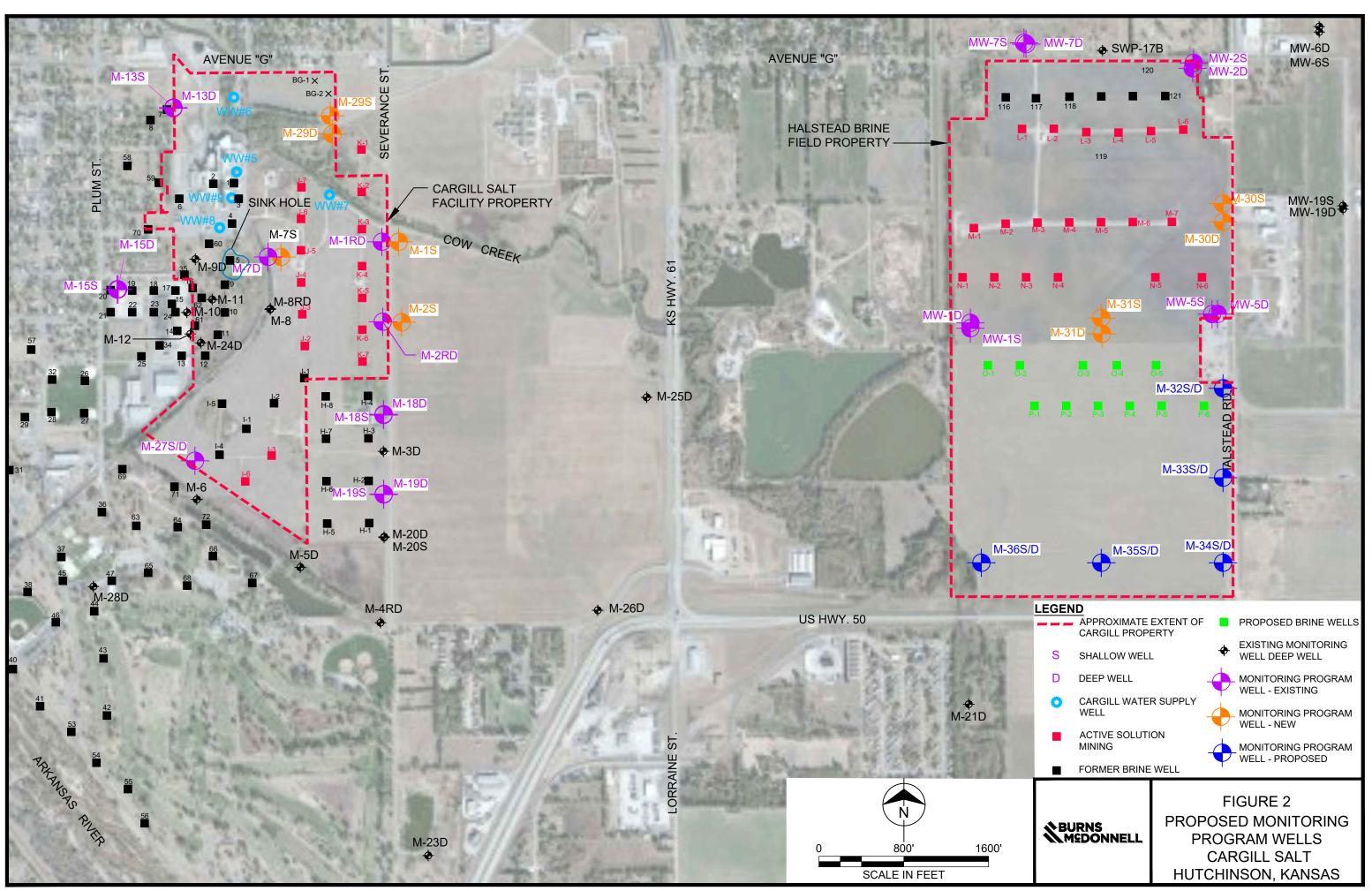
FROM	то	LITHOLOGY INTERVALS

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed	reconstructed	pursuant to the stated water well
contractor's license and was complete	ed on	I certify that this record is true to
the best of my knowledge and belief.	This water well rec	ord was completed on
under the business name of		,
Kansas Water Well Contractor's Lice	nse No	under the authority of the designated
person as defined in K.A.R. 28-30-2(j) and signed and c	ertified by the electronic signature of the
designated person at its submittal:		
Send one copy to WATER WELL OWNER	and retain one for you	r records. Fee of \$5.00 for each constructed well
KANSAS DEPAR	TMENT OF HEALTH	AND ENVIRONMENT

Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367 (785) 296-3565 | K.S.A. 82a-1212 | v2022c



\bmcd\dfs\Clients\ENS\Cargill\156778_HutchGW2023\Studies\Remediation\GWMP revision 2023\DWGS\Figure 2_Proposed Monitoring Program Wells.dwg 9/21/2015 ABMendhe

Drilling Log

Project Name	1	1	ana an	Project Numt	^{er} 163	3813				Boring Nur	^{nber} M-3.	20				
Ground Elevation	arqill Cl	ass 1	Location	Hutchins						Page 1 of 34						
Air Monitoring E	quipment	, V/a		FICTCHING	<u>01, 11</u>	<u> </u>		<u>, , , , , , , , , , , , , , , , , , , </u>		Total Footage 59'						
	Drilling Type Hole Size			Overburden	Footage		Bedrock	Footage		No. ol	Samples	No	o. of Core Boxes			
HSA	HSA 7.25" 59'															
1	Y D -					Drill	Driller(s) Tone Poulter									
Drilling Rig /	Drilling Company Razeb Environmental Drilling Rig Ccoprobe 7822DT Date						of	1		<u> </u>						
Date (20	coprobe			<u></u>		Sampler Macro Core Field Observer(s)										
02/19	124		02/19	124	0		Decey		Sample	hrsede	PID (ppm)		Remarks/			
Depth (feet)		Description			Class	Blow Count	Recov.	Run/ Time	Desig.	BZ	ВН	S	Water Levels			
- Sundu - Dri	Clay, Cli br (3/2	tisyR), Low ma	20 Clay	to Sands High Plasticity	X								-			
													-			
2													-			
							4',				and a generative adding the construction of the					
3 - Sundy	Clay, Ch	al w Sand, 501 . (412 7.54R), L	50 Clau	1 to Sond,					ł							
plus	picity.															
No	Recore	Ċ			NIA											
5 - 5 - 5 - d.	Clay, Cl	w/ w/ Send, 50/5	so Clay	to Sund,												
	asticity	uy wi Sond, 5015 (412 7.54R), L	ow moi	sture, med.									_			
6 - Clar	Jey Sund	, Sand w/ clay	1, 80/20	Sand to clay, Low plasticit									-			
	alcud C	layw/Silt, 50 SVR), med prov	160 /la	1 to Silti	1											
1 1						÷	5						-			
8-011	sy Clay, c 1. bn 134	Clay WI Sond, 1 2754R), med.	moisture	c, high plustic	+ef											
9					.											
								l								
10-5md	y Clay, C	layw Send , 8012	o Cluif H	Sand, Drk. br.]		T .				:				
11 - Clay	27.5 VP] ley Sind,	ined moister Sand wil clayf,	90110 Su	ad to Clay,		1										
	bn (6147:	syr), High mo	isture, L	ou plusticity	1		0									
	ul Gorted	Sund to dravel 5	ized ar	ainsilt ba		-	3			l						
1 1		sund to gravel s et, no plastici	+y _			4							-			
13 - N	lo Recon	reref			NA								-			
												nne day parameter day				



Drilling Log Continuation

		and the second	وي المحمد ال					Number		32D	1
	Name Coryill Class III	and the second	anna an		yu-gene, dange	يستحجزن مرودون والمحوي	Page Date	2 0211		and the second design of the	
	Number 163813	and the second	an a	anningen son an						<u>`</u>	
epth feet)	Description	Class	Blow Count	Recov,	Run/ Time	Sample Desig.	BZ	PID (pp BH		s	Remarks/ Water Levels
11	No Recovery	NIA		3'							
5	Poorill Sorted Sund to gravel-Sized grains, Coursing downwords, Lt. bn (61475412, Weti NO plasticity)	<u> </u>									
- 				3'							
18 -	No Recovery	N/A									
20 - 21 - 22 - 23 - 24 -	Hole Collapsing too much, Switching to Logging from Cattings Pworld Sorted Sandto Gravel-Sited grains, Coursing downwords, Lt. bn (614 7548), Wet NO plasticity			NIA							
23- 26 - 27- 28- 29-				NIA							
30	- Poorly Sorted Send to gravel. Coursing downwerds, Lt. bn (lett 75/R), Wet, no plusticity			NIA	-				ang an state		

& Consultants, McDonnell Inc.

Drilling Log Continuation

	Criming.			anta wa kili (pograpia da sa sa sa			Boring	Numbe	er m	1-32	D
Broleot	Nomo /						Page	3		of 3	
Project	Nome Caryill Class III Number 16 3813	demonstration of the second	ang	<u>рафияли и спорт</u> ор	an a		Concession and the second s	04-19		and a second second	and and the second s
								PID (p			
Depth (feet)	Description	Class	Blow Count	Recov.	Run/ Time	Sample Desig.	BZ	вн		s	Remarks/ Water Levels
32	Paprill Sorted Sand to gravel, coursing downwords, Lt. bn (614754R), wet, no plasmicites.										-
34 -				412			, ,				
34	Poorly Sork & Send to gravel, Carsing down, Lt. bn. (6147.542), wet, No plasticity										
38 -				1/14							
40	Poorly Sorled Sand to gravel, Coursing down, Lt. On (614754R), wet, No plasticity								<u></u>		
43 - 44 -				NIA							
45 - 46 - 46 - 47 - 47 - 47 - 47 - 47 - 47	Poor 14 Sorted Send to gravel, Coursing dam, Lt. Un (614 7541), wet, no plusticity			14/4							
48	=Breathing Zone BH=Bore Hole S=Sample							भ्यत्र अन्य अन्य संस्थित क्षेत्र के स्थित क्षेत्र के स्थित के स्थित के स्थित के स्थित के स्थित के स्थित के स्थ स्थित के स्थान के स्था			Burns Waste & Consultants

Burns Waste & Consultants, McDonnell Inc.

Drilling Log Continuation

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and the second second second	t Name Caryill Cluds TTT						Page	4		of L	
Projec	t Number 163813					nanonasi di si sano 1	Date				
Depth (feet)	Description	Class	Blow Count	Recov,	Run/ Time	Sample Desig.	F BZ	PID (p) BH	pm)	S	Remarks/ Water Levels
49-	Puoriul Socked Sand to gravel, Coursing dann, Lt. bn (614) 75413, wet, no plasticitud			NIA			DL	<u> 01</u>		Q	
50- 51- 52- 53- 54-	Poorly Sorted Sund to gravel, Coursing down, Lt. En (61417:5417), Wet, no plasticity			NIA							- - - - - - - - - - - - - - - - - - -
55 56 57 58 58 58 58 58 58 58 58 58 58 58 58 58	Puoriul Sorted Sund to gravel, Coursing down, Lt. bn (6147:54R), wed, No plasticity			NIA							
	Well bet TD:59'										

 Burns
 Waste

 &
 Consultants,

 McDonnell
 Inc.