

UNIFORM KENTUCKY WELL CONSTRUCTION RECORD

Use this form to report installation of monitoring or water wells.

Form must be completed and submitted to the Division of Water within 60 days of well completion.

See instructions below.

One copy to owner and one copy to driller's files.

Owner Name(*)	United States Department of Energy		
Owner First Name (*)	NA	Owner Last Name(*)	NA
Owner Address(*)	5600 Hobbs Road		
Owner City(*)	West Paducah	State(*)	Kentucky
Owner Zip(*)	42053		
Owner Phone(*)	859-219-4000	Owner eMail	

Site Name(*)	Paducah Gaseous Diffusion Plant		
Site Address(*)	5600 Hobbs Road		
Site City(*)	West Paducah	State(*)	Kentucky
Site Zip(*)	42053		
Site Phone	270-441-6800	Site eMail	
Well Latitude(*)	37.0648	Well Longitude(*)	-88.4839
Method(*)	Map Grade GPS - Differentially Corrected		

Agency Interest (AI) Number	3059	Facility Type & ID	CERCLA
USGS Topo Map(*)	HEATH	County(*)	McCracken
Surface elevation (ft)	378.49	Elevation determined by	GPS - submeter accuracy
Physiographic Region(*)	Jackson Purchase	Well Use(*)	Monitoring well - compliance
Drilling Method(*)	Auger - hollow stem	Well Status(*)	active
Wellhead(*)	Locking Cap	Well Condition(*)	Functioning properly

Casing / Open Borehole					
	From depth (ft)(*)	To depth (ft)(*)	Borehole diameter (in)(*)	Casing diameter (in)(*)	Casing type(*)
Delete	0	65	12.5	2	Steel - stainless
Delete	70	72	12.5	2	Steel - stainless
Add New					

Screen						
	From depth (ft)(*)	To depth (ft)(*)	Borehole diameter (in)(*)	Screen diameter (in)(*)	Screen Type(*)	Screen slot size(*)
Delete	65	70	12.5	2	Steel - stainless	0.010
Add New						

Annulus fill and seal				
	Section(*)	From depth (ft)(*)	To depth (ft)(*)	Material(*)
Delete	Grout	0	56	Bentonite
Delete	Seal	56	59.9	Bentonite
Delete	Filter Pack	59.9	97.5	Sand
Add New				

Lithologic log			
	From depth (ft)(*)	To depth (ft)(*)	Description(*)
Add New			

Site Map/Sketch Map(*)	<input type="button" value="Browse..."/>
Well Diagram (monitoring well)	<input type="button" value="Browse..."/>
Coliform analysis (if applicable)	<input type="button" value="Browse..."/>
Signed variance (if applicable)	<input type="button" value="Browse..."/>
Other laboratory analysis report (if applicable)	<input type="button" value="Browse..."/>
Casing/Screen Supplemental Info	<input type="button" value="Browse..."/>

Comments: One of 3 Nested Wells Installed in Common Borehole

Affirmation: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. By submitting data, this transmission constitutes my signature and I am responsible for any and all content submitted either by me or by the people I represent.

Signature of certified driller & PIN(*)	Todd W Mills	Date Signed(*)	05/24/2011
Driller First Name (*)	Todd	Driller Last Name(*)	Mills
Certification Number(*)	0344-0454-00	Certification Company(*)	Chase Environmental Group, Inc.

Kentucky Well ID (AKGWA) Number (*)	8005-8898
Owner Well ID	MW-505
Work Start Date(*)	04/19/2011
Work End Date(*)	05/10/2011
Total depth (ft)(*)	72
Depth to bedrock (ft)	
Static water level (ft)	
SWL method(*)	Undetermined
Casing height above surface (in)	

WATER WELLS ONLY

Estimated well yield	
Well Yield Method	
Well service (# of people served)	
Disinfectant amount	
Disinfectant type	
Pitless adapter installed	
Pump installed	
Depth to intake (ft)	

Apparent quality and odor:

Appearance	
Odor Type	
Odor-Level	

Coliform Test

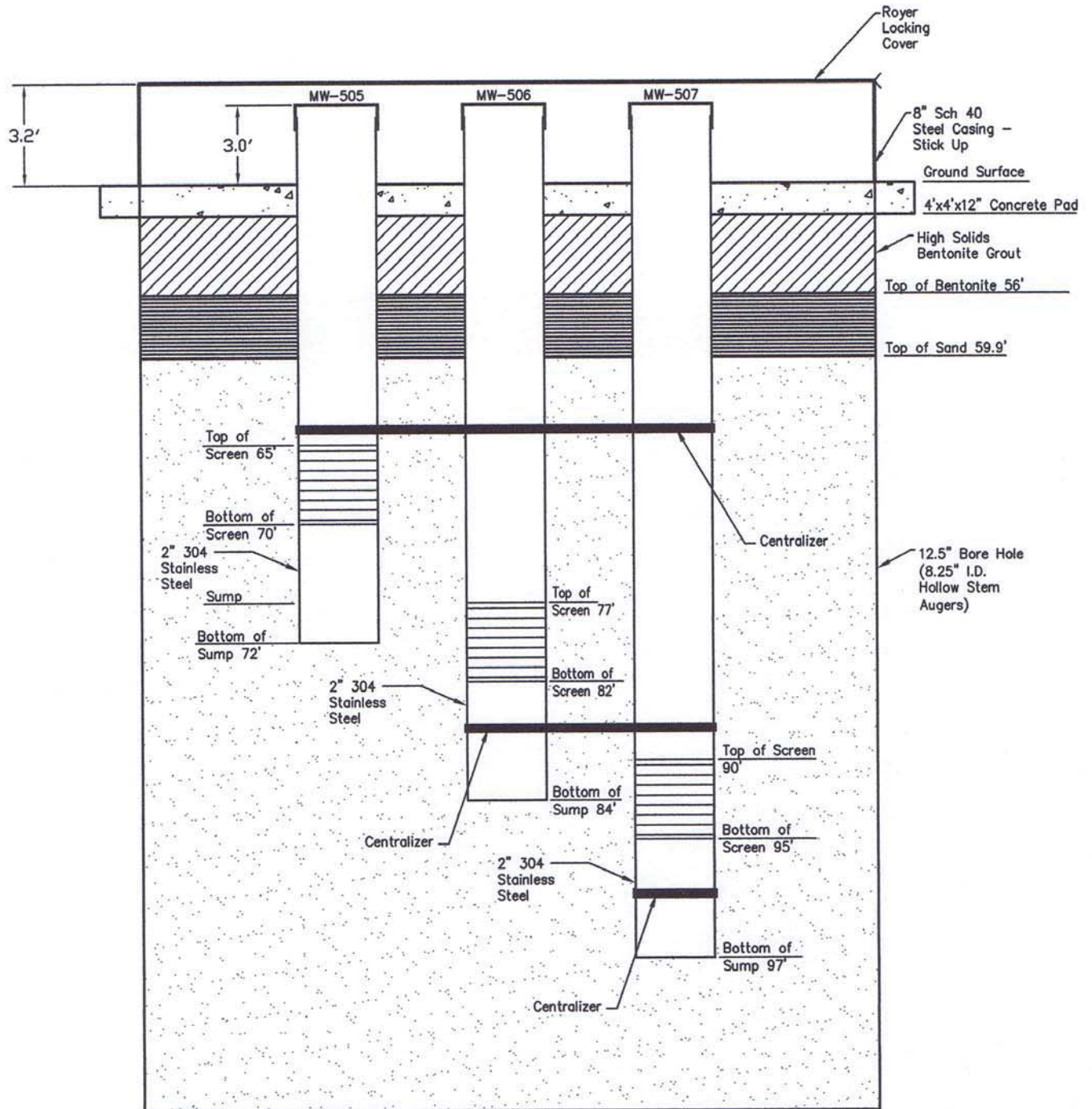
Coliform test type	
Coliform test results	or # colonies per 100 ml
Date Sampled	
Date Analyzed	

<input type="button" value="Save For Future Retrieval"/>	<input type="button" value="Submit to DEP"/>
--	--

MONITORING WELL CONSTRUCTION LOG

Location Name: Paducah Gaseous Diffusion Plant
 Address: 5600 Hobbs Road
 City/State/Zip: West Paducah, KY 42053

State Assigned # 8005-8898, 8005-8899, 8005-8900
 Agency Interest # 3059
 Facility Assigned # MW-505, 506, 507



Project: C-400 Well Install
 Date Drilled: 4/19/11
 Date Completed: 5/10/11
 Drilling Method: 8.25" ID HSAs
 Drilling Company: Chase Environmental Group

Boring Location: MW-505/MW-506/MW-507
 Sampling Method: SPT
 Surface Elevation: 378.5
 Total Depth: 97.5
 Logged By: LATA of Kentucky

DEPTH <i>feet</i>	SAMPLE NUMBER	BLOW COUNT 6"	PID ppm	REC	FORMATION	GEOLOGIC DESCRIPTION
0.0						Silt
26.0						Sand and Silt
47.5						Silt and Clay
63.5						Sand
64.0						Gravelly Sand
94.8						Silt with Sand and Clay
97.5						No Refusal. Boring Terminated at 97.5 in Silt As Above



MW-505 8005-8898
 MW-506 8005-8899
 MW-507 8005-8900

ceg CHASE
Environmental Group INC

Drawn By: Todd W. Mills

Date: April 26, 2011

Title: Site Aerial Photograph
 Paducah Gaseous Diffusion Plant C-400 Project
 Hobbs Road, West Paducah, KY

Comments: Scale: As Shown