1	3
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C) riginal co Se	lse this for py must be e instruction	m to r e subr ons on	report inst mitted to D reverse o	ELL CONS allation of monito Division of Water of form. Do not we or it will be return e copy to owne	n. ceptable.										
			1. Kentucky Wel	ID (AKGV	VA) Numb	er										
i. Owner name	United	State	8 0 0	ي ر	6 3	8 6										
5. Owner address	5600	Hobbs	Well ID#	лW-42	2 Sha	allow										
6. City									8. Zip	42053	3. Attachments Required					
If site nan											1. Site plan of 2. Well locat	on				
9. Site name	Padu	cah Ga	sec	us Diff	fusion Plan	t C-4	00 Build	ling				graphic mand by GPS of dequired	unit			
10. Site address	5600	Hobbs	Ro	ad							4. Coliform a 5. Signed va	nalysis (if a	applicable)			
11. City	West	Paduo	ah			12. St	ate KY		13. Zip	42053	Optional 6. Other laborates		lysis repor	t 🗆		
14. Agency				15. Facility	y type 🔳 CI	ERCLA	Solid	Waste	Drink	ing Water	31. Work start date	Jun Month	05 Dey	2009 Year		
Interes (AI)	' 3	059			& 🗖 R	CRA	UST				32. Work	Jun	05	2009		
Numbe	_			ID No	ımber						end date	Month	Day	Year		
16. Owner phone						Site phone					Please repor	t depths in fo as relative e	levations			
18. USGS t	оро тар	Heath					22. Physiogr	aphic Re	gion		33. Total depth	(ft)	75.33	-		
19. County	,	Mccra	ken	1				Bluegrass				34. Depth to bedrock (ft)				
20. Surface	e				etermined by Map Dirior rep	E. Coal Field			_	Coal Field kson Purchase	35. Static water level (ft)					
elevation (00		Survey	Prior we						36. Casing height above surface (in) 33.00					
23. Well U	se				24. Drilling metho				25. Well st		1	ER WEL		LΥ		
Agricul			_	othermal	Auger - HS Auger - SS	_	Jet wash Push/prob	I -				37. Estimated well yield				
Commercial Production Auger - bucket								r	Unsu	uitable for	38. Well service # of people served					
I=	Auger - hand						Rotary - m Rotary - re		inten 26. Wellh	ded use	39. Disinfectant amount 40. Type					
	Monitoring / Ambient Monitori Mining Core					Sand poin	Sand point Sonic Flush Locking Unknown Well cap				oz qts cups Hypo-					
Public	Public Unused Excavation															Unknown
		-			Combined -	- HS au	ger & air ro			tary sear	41. Pitless adap		I ☐ Yes	□ No		
27. Well o		Casing an		INVESTIGATION OF THE PARTY OF T	asing type	Screen	From	The state of the s				led:				
	71.0	diameter d	amete	PVC		slot size	1.0	E	Bentonite	9	Submersib Bailer or bu	e □Je cket □H	et ☐ T and ☐ N	urbine lo pump		
71.0	73.0	8	2	PVC so	reen	0.010	55.67	58.50	Bentonit	e pellets	43. Depth to in	ake (ft)				
73.0	75.33	8	2	PVC			58.50	87.50	Sand		44. Apparent q	uality and o	odor:			
			****			y was a second construction of the second constr		A programme and the programme of the control of the	**************		兴 🔲 Clear		slight	5		
				<u></u>			30. Sketo	h man			N Cloud					
29. Lithol	ogic log (inue on separate p show of water and i	AND DESCRIPTION OF THE PARTY OF	30. Skett	и шар			Clear E E P E E					
depth, ft.	depth, ft.			apparen	t quality)		2				Turbi			☐ Salt		
0.0	17.8 26.0	Silt Sandy	Grav	ام	ercelestation, project spirit all all the extension of the second distribution of the	gyptodeodec it. itro. iter to					COLIFORM	EST				
17.8	28.2		vo erene month		Allinerija grijondoriu distantina osovo osoveki AFR/Va njeko	*******					45. Coliform to	st type	and total			
28.2	31.3										46. Coliform to	st results	NTC 🔲	Confluent		
31.3	38.7	Sandy	Grav	el							or		onies per 1			
38.7	43.9	Silt to \	/ery	Fine Sa	nd						47. Date	_				
43.9	53.7	Silt									Sampled		Day	Year		
53.7	59.0	Fine S									48. Date Analyzed	Month	Day	Year		
59.0 85.5	-	Sandy	Grav	H			Show well to	cation and die	tances from per	manent structures, septic dra er) and intersections.	in D	MS	•			
L.		, OIII	., .					INDICA	E NORTH WIT	er) and intersections. H AN ARROW.	Latitude o	ecimal 37	.115	9960		
One o	f 3 nest	ed wells 8-inch (com Sch 4	pleted i 10 steel	n a common a locking cover	8-inch r, 4 ste	borehole el bollard	as MV ls.	V-422. 4	4'X4'X12"	Longitude C	MS Decimel 88	•	863		
50. Affir	mation: 1	he work des s not respon	cribed a	above was d	one under my super undwater quality or	vision, an quantity e	nd this report is encountered w	true and o	correct to the	best of my knowledge ng this well.	13 38 30 CO 10 CO	GPS 🔲	SUR [REP		
Signatur	re of	~	La.	lili			Da		Jun Month	30 2009 Day Year	Date Receive	JUL 1	3 20	09		
Certified	-4"	}	//	,,,,,	Drilling	<u> </u>				Inc						
Certification number 0344-0454-00 Drilling company Chase Environmental Group, Inc.										, mc.	Initials of reviewer	260				

UNIFORM KENTUCKY WELL CONSTRUCTION RECORD

JB

UNITURIVE REPTION Y WELL COINSTRUCTION RECORD
Use this form to report installation of monitoring or water wells.

Original copy must be submitted to Division of Water within 30 days of completion.
See instructions on reverse of form. Do not write in shaded areas.

Record must be typed or neatly printed or it will be returned to the driller as unacceptable.
One copy to Division of Water, one copy to owner, one copy to driller's files.

Attach Well Identification Number Label Here (if applicable) Water wells: yellow labels

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	15	7)
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		that is	
*	4	rise	P
1.0	1.60	\$5.	 in sales

Owner name	United	State	s De	partm	ent o	f Energ	у					30.02	SUL		9			
Owner	5600	Hobbs	Roa	d								2. Owner Well ID#	MW-42	22 Inte	rmed			
address . City	West	Paduc	ah			1	7. State	[°] KY		8. Zip	42053	3. Attachmen Required						
If site nan	ne and ac	idress dif	ffer from	n owne	r name :	and addre	55 :					Site place Well lo						
. Site name								00 Build	ling			On topographic map, <u>OR</u> Obtained by GPS unit Conditionally Required						
0. Site address	5600	Hobbs	s Roa	ad								3. Well diagram (monitoring well) 4. Coliform analysis (if applicable) 5. Signed variance (if applicable)						
1. City		Paduo	cah				12. Sta	ate KY		13. Zip	42053	Optional	laboratory and		r 🗆			
4. Agency			1	5. Facilit	y type	■ CEI	RCLA	Solid	Waste	Drinki	ng Water	31. Work start date	Jun Month	05 Dey	2009 Year			
Interest	30	59	1		&	RC	RA	UST				32. Work	Jun	05	2009			
(AI) Numbe		51		ID N	umber							end date	Month	Day	Year			
6. Owner						17. Si	te hone					Please r	Please report depths in feet below surface, not as relative elevations					
phone 18. USGS t	opo map	Heath						22. Physiogr	aphic Re	gion		33. Total de	oth (ft)	83.33	<u> </u>			
19. County		Mccra	cken				\neg	☐ Blueg	-	☐ Ohio	River Alluvium	34. Depth to	bedrock (ft)		- [
			21. Ele	evation d	etermin	ed by		E. Co		_	coal Field	35. Static wa		50.00	- 1			
	D. Surface evation (ft) 381.00 GPS Map Prior report Prior well log								Plateau	■ Jack	son Purchase	36. Casing h	eight above st	ırface (in)	33.00			
23. Well U	24 Dilling method									25. Well st	atus	WATER WELLS ONLY						
Agricul	ulture Geothermal Auger - HS							Jet wash Push/prob	. 1	Active		37. Estimated well yield						
Comm	_	Auger - bucket								☐ Inacti		gpm gph gpd 38. Well service # of people served						
☐ Domes	_	Auger - hand									ded use	39. Disinfectant amount 40. Type						
☐ Industr ■ Monito	-	ent Monitori				ble tool re			. 1	26. Wellhe		39. Disinted	tant amount	_	Bleach			
Remed			•			ven casing		Sonic Unknown		Flush Well	Locking cap	□ oz	 □qts □cu		Нуро-			
Public			Uni	isea			_	ger & air ro	tary		ary seal		gal		chlorite			
27. Well c	ompletion	: Casing a	nd scre	ens				28. Annu		d seal		41. Pitless adapter installed Yes						
From depth, ft.			Casing		Casing typ		Screen lot size	From depth, ft.	To depth, ft.		Material	42. Pump installed: Submersible Jet Turbine						
0.0	79.0	8	2	PVC				1.0	55.67			Bailer or bucket Hand No pump						
79.0	81.0	8	2	PVC s	creen	and the second second second second	0.010	- Andreas - State of the second	58.50		pellets	43. Depth t						
81.0	83.33	8	2	PVC	ala de característico de de	systematical control bits of the	***	58.50	87.50	Sano	MANAGER AND A STREET AND A STRE	44. Appare	f. Apparent quality and odor:					
				-							and the second section of the section of the second section of the secti	<u> </u>	lear	none	Pigh High			
20 T '4b-l	ania lan /	if more en	ace is no	eded cor	time on	separate pa	ge)	30. Sketo	ch map	J		1 % -	loudy &		I Iron			
	To			dude any	show of	water and in		3				AP EL	,		🗖 🗖 Sulfur			
	depth, ft.			apparei	nt quality)			34							🔲 🔲 Salt			
0.0	17.8	Silt Sandy	Grave	al	an de despenie production de distriction	water and and a company of the second	B					COLIFOR						
17.8 26.0	26.0	Gravel	****	A CONTRACTOR OF THE PERSON OF			Transaction (1.74 ft)					☐ fe	m test type cal 🔲 feca	I and total				
28.2	31.3	·						1				46. Colifor	m test results		Confluent			
31.3	38.7	Sandy										or		olonies per				
38.7	43.9	3			and							47. Date						
43.9	53.7	-{										Sampled		Day	Year			
53.7	59.0											48. Date Analyzed	Month	Day	Year			
59.0	-1		Grav	el				Show well k			menent structures, septic of and intersections.		DMS	•	*			
85.5		Silt						seids, majo	INDICA	TE NORTH WITH	AN ARROW.	Latitude	or Decimal 3	7.115	196.			
49. Com	ments	15.		alatad	in a co	mmon 8	-inch	horehole	as MV	V-422. 4	'X4'X12"		DMS	9-				
concr	ete pad	, 8-inch	Sch 4	0 steel	lockin	g cover,	4 ste	el bollar	ds.			Longitud		8.81	2863			
50. Affin	rmation:	The work de	scribed a	bove was	done und	er my superv	ision, a	nd this report i encountered w	s true and hile drilling	correct to the or completin	best of my knowled g this well.	pe. Lat/Long	method GPS I	SUR	□ REP			
Signatu		7	M	111	1			D	ate	Jun	30 2009 Day Yes	Date Rec	eived [[]]	132	009			
	driller		1100	200		D-::::			gned				JUL					
	Certification 0344-0454-00 Drilling company Chas								nmenta	al Group	Inc.	Initials of	Initials of croles of					

UNIFORM KENTUCKY WELL CONSTRUCTION RECORD

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Record must be typed or neatly printed or it will be returned to the driller as unac One copy to Division of Water, one copy to owner, one copy to driller's file.

18

Attach Well Identification Number Label Here (if applicable)

name	Unite	o State	3S D	eparui	nent (oi Elle	igy							5.5.				
Owner address	5600	Hobbs	Roa	ad							N SANGE ENVIO	2. Owner Well ID#	Well ID# IVIVV-422 Deep					
. City	Wes	t Paduo	cah				7. Sta	te KY		8. Zip	42053	3. Attachmen Required						
If site na	me and a	ddress di	iffer fro	om owne	r name	and add	iress:					1. Site pl	an or sketch scation	map	•			
. Site name	Pad	ucah G	asec	ous Dit	ffusio	n Plar	nt C-4	00 Bui	ilding			Obt	topographic ained by GP: Ity Required	S unit				
0. Site addres	5600	Hobb:	s Ro	ad								3. Well d 4. Colifor	liagram (mon rm analysis (itoring well) if applicable				
11. City	Wes	t Padu	cah				12. St	ate KY		13. Zip	42053	Optional 6. Other	Signed variance (if applicable) Optional 6. Other laboratory analysis report					
4. Agency				15. Facili	ty type	1	ERCLA		d Waste	Drink	ing Water	31. Work start date	Jun Month	05 Day	2009 Year			
Interes (AI)	' 3	059			& iumber	□ F	RCRA	□ US	Т			32. Work end date	Jun	05 Day	2009 Year			
Numbe	er				· · · · · · · · · · · · · · · · · · ·		-						eport depths in					
6. Owner phone						17.	Site phone					Flease	not as relative	e elevations	- 1			
8. USGS	topo map	Heath						22. Physio	graphic Re	gion		33. Total der	oth (ft)	87.33	- 1			
19. Count	y	Mccra	cken	1				☐ Blue	•	_	o River Alluvium	34, Depth to	bedrock (ft)		-			
20. Surfac	e			levation d			nort		Coal Field s. Plateau	_	Coal Field kson Purchase	35. Static wa	iter level (ft)	50.00	l			
elevation (.00		Survey	Map [Prior re	eli log	L. IVIIS	s. Flateau	lej Jac	KSOIT FUICIGSO	36. Casing h	eight above s	urface (in)	33.00			
23. Well U	se				24. Dri	lling meth	od			25. Well s	tatus	W	ATER WE	LLS ONL	X			
Agricul				othermal		ıger - HS	_	Jet wash		Activ		37. Estimate	_					
□ Comm	_		_	at pump		uger - SS uger - bud		Push/pro Rotary -		Inact	itable for	☐ gpr			- 1			
☐ Domes			□HV		□ A	uger - har	nd 🔲				ded use	38. Well ser	vice	# of peopl	e serveu			
☐ Industr Monito		bient Monitori	-			able tool ore				26. Wellh		39. Disinfect	tant amount	40. T	Type Bleach			
Remed	-		Un	used	_	riven casi xcavation		Sonic Unknow	n	Flusi Well	h 🛄 Locking	□oz [_]qts []c	_	Нуро-			
Public			L 011	useu	_			ıger & air ı			tary seal	_	gal		chlorite			
27. Well c	ompletion	: Casing a	nd scre	ens					ulus fill an	d seal	THE RESERVE TO SERVE THE PARTY OF THE PARTY		dapter install	led 🖸 Yes	□ No			
From depth, ft.	To depth, ft.	Borehole diameter d	Casing tiameter		Casing ty	/pe	Screen slot size	From e depth,	To ft. depth, ft.		Material	42. Pump in	_	Jet 🗖 Te	urbine			
0.0	83.0	8	2	PVC				1.0	55.67	Bentonit	•	Bailer o	r bucket	Hand N	o pump			
83.0	85.0	8	2	PVC se	creen		0.010		7 58.50	-	e pellets	43. Depth to	intake (ft)					
85.0	87.33	8	2	PVC	egypoontoon a natore	andromos archidens Al-VII del S	opera esta a a a a a	58.5	0 87.50	Sand	of about the become ground that was the property of the b	44. Apparei	nt quality and	l odor:				
Statements days of Statements							-					ANGE CI		none slight mod	righ T			
29. Lithol	ogic log	(if more spa	ce is ne	eded, con	tinue on	separate p	page)	30. Ske	tch map			APPEARANCE IN	ĕ] [] Iron			
From	To depth, ft.		tion (in		show of nt quality	water and	indicate					dd □ Tt			Sulfur			
0.0	17.8	Silt					THE SHADOW STORE WITH					1] ☐ Salt			
17.8	26.0	Sandy	Grav	el				ma				COLIFOR						
26.0	28.2	Gravel	y Cla	у								☐ fec	al 🔲 feca					
28.2	31.3												m test results or <1.0	TNTC 🗖	Confluent			
31.3	38.7	·										or _	# co	olonies per 1	00 ml			
38.7	÷	Silt to	very l	rine Sa	ind							47. Date						
43.9		Silt	004					-1				Sampled		Day	Year			
53.7 59.0		Fine S Sandy		el								48. Date Analyzed	Month	Day	Year			
85.5	87.5		Siav					Show well fields, ma	location and die jor roads (include	tances from per name or numb	manent structures, septic of and intersections. If AN ARROW.	18-104-0-15-7-7-C	DMS	•				
			-						INDICA	E NORTH WITH	AN ARROW.	Latitude	or Decimal	37.115	7996			
49. Com	f 3 nes	ted wells , 8-inch	s com Sch 4	pleted i 0 steel	in a co lockin	ommon ng cove	8-inch r, 4 ste	boreholeel bolla	le as MV rds.	V-422. 4	J'X4'X12"	Longitude	DMB or Decimal §	38.81	0863			
50. Affir	mation:	The work des	scribed a	bove was o	done und	er my supe er quality or	rvision, an quantity e	nd this report	is true and o while drilling	correct to the	best of my knowled g this well.	Lat/Long	method □ GPS [3 SUR [] REP			
Signatur certified	e of	VIC	Au	W	_			ı		Jun Month	30 2009 Day Yes	 TABLETONICA 2010 	JUL	1 3 20	009			
Certifica number	ition (344-045	54-00			Drilling company	Chas	se Enviro	onmenta	l Group,	Inc.	Initials of coviewer			rev 04/11/2004			

sic

MONITORING WELL CONSTRUCTION LOG

Location Name: Paducah Gaseous Diffusion Plant

Address:

5600 Hobbs Road

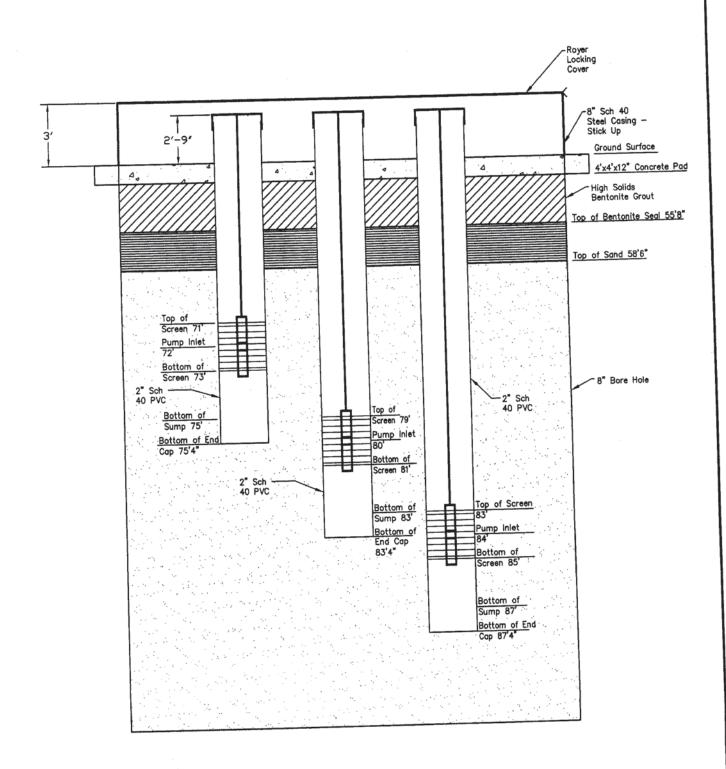
City/State/Zip: West Paducah, KY 42053

State Assigned #

8005-6386

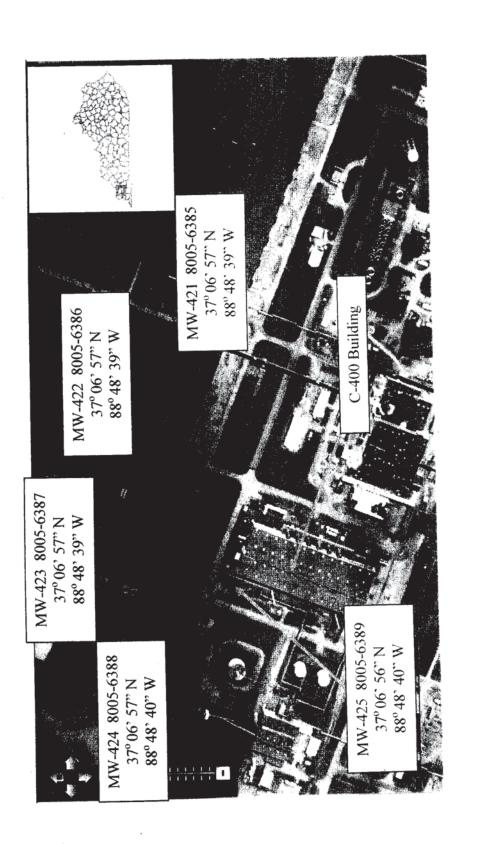
Facility Assigned #

MW-422





Comments: Drawing not to scale.



Title: Site Aerial Photograph
Paducah Gaseous Diffusion Plant – C-400 Building
5600 Hobbs Road, West Paducah, KY

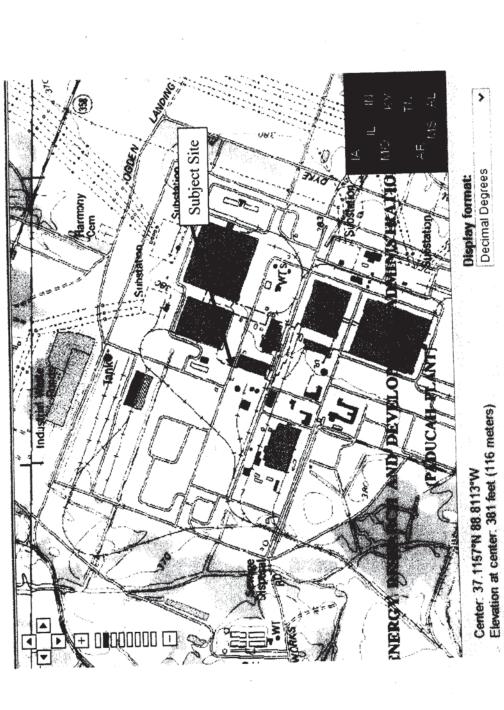
CHASE ENVIRONMENTAL GROUP, INC. environmental engineering, remediation & consulting

Comments: Approximate Scale: 1" = 150' Coordinates taken from Google Earth

Drawn By: Todd W. Mills

Date: June 30, 2009





Site Topographic Map Title:

CHASE ENVIRONMENTAL GROUP, INC. environmental engineering, remediation & consulting

Drawn By: Todd W. Mills

Date: June 30, 2009

Paducah Gaseous Diffusion Plant West Paducah, Kentucky Comments: Scale: 1:24,000 Source: USGS 7.5' Topographic Series Heath Quadrangle

