

Massachusetts Department of Environmental Protection Bureau of Resource Protection – Drinking Water Program

Underground Injection Control (UIC) eDEP Forms

**General Instructions** 

2016

### **Topics Covered:**

Forms Introduction

Registered Site Lookup

Transaction Overview

- Parent Forms
- <u>BRP WS06</u> (Modification form is identical except lookup)
- Registered UIC Well Pre-Closure Notification
- Well Monitoring Report
- <u>Completion of Construction</u>
- Post-Closure Notification

### **Child Forms**

- Proposal for Chemical Use in a UIC Class V Well
- Mandatory Closure Child Form
- Non-Consumptive Use Request
- <u>Underground Injection Control Technical Compliance Forms</u>





### Forms Introduction

- The electronic forms are dynamic with fields appearing and disappearing depending on the answers provided in other fields. This is by design so that users aren't required to enter data inappropriate to their well type and situation.
- All the parent and child form screen shots below have been completed in a way to maximize the number of fields visible. If a field listed below does not occur within your particular submittal, it is because it is not required for your particular submittal.
- Notes are supplied below for portions of the forms that may require additional explanation.



### Registered Site Lookup 1 of 2



MassDEP Home | Contact | Feedback | Tour | Privacy Policy

Username: DANDAVIS Nickname: DANTEST

LOG OFF

#### My eDEP Forms V My Profile V Help

#### Preform

### Preform: Registered UIC Well Pre-Closure Notification

### Please Identify Your UIC.

The UIC Registration Number was assigned by MassDEP upon successful review of your initial BRP WS08a,b,c or BRP WS08e registration application. This is not your transmittal number from your original submission.

UIC Registration Number (required for

Modification or Registered UIC Well Pre-Closure):

search

This lookup screen appears when users select any form that applies to a pre-existing registered site. It retrieves data and pre-populates form fields with the current accepted information for that Registration Number. In some cases you may also search by the 6-digit transaction number that appears at the top of an existing form.

Please note that records for many of the historic UIC registration numbers are unavailable in eDEP.



### Registered Site Lookup 2 of 2

DEP MassDEP's Online Filing System	MassDEP Home   Contact   Feedback   Tour   Privacy Policy Username:DANDAVIS Nickname: DANTEST Log of
My eDEP  Forms V My Profile V Help	
Preform	
Preform: Registered UIC Well Pre-Closure Notification	
Please Identify Your UIC.	
-	
The UIC Registration Number was assigned by MassDEP upon successful review initial BRP WS08a,b,c or BRP WS08e registration application. This is not your	•
number from your original submission.	
UIC Registration Number (required for	
MAS11A008301-5C2	After checking to make sure that you have the correct facility, check the box and then click on next.
Existing UIC Infomation	
This information is correct.	
MAS11A008301-5C2	
215500 GSHP OLOD YYNYYYN	
215500 GSHP OLOD YYNYYN215500 GSHP OLOD YYNYYYN 215500 GSHP OLOD YYNYYYN	
215500 GSHP OLOD YYNYYYN AMHERST MA 01002	

Next



### **Transaction Overview**

	Regardless of the form chosen, a transaction overview screen will be created. In some cases this screen will appear immediately after clicking on the appropriate form while in other cases you will first be directed through the Registered Site Lookup process.								
	ED	MassDEP Home   Contact	Feedback   Tour   Privacy Policy						
	MassDEP's Online Filing System		Username:DANDAVIS Nidkname: DANTEST						
My eDEP Fo	rms 💙   My Profile 🎽   Help								
Transaction Ov	verview Trans# 215692 ID# Registered UIC We	Il Pre-Closure Notification							
		Forms	Signature Submit						
Forms									
	Print Transaction D	elete Transaction Share Trans	action Exit						
Errors Checked/ Validated	Fill out the following forms for this transac	tion:							
_	Registered UIC Well Pre-Closure Notification								

Next



### BRP WS06 Section 1: Part A

Save

### BRP WS06 - Transaction #215634

Error Check
-------------

Section 1	BRP WS06 - Transaction #215634 - UIC Registra	tion # N/A		
Section 2	A. General Question			
<u>Section 3</u> Section 4	You may only register one type of discharge (well type) per registration application even if yo multiple types of discharges. If you are registering for more than one type of well discharge			
	application form after completing this form.	Use dropdown arrows to choose		
	A1. What well type do you wish to register at this time?	first the Well Category and then		
	Well Category: Ground Source Heat Pump V Well Type: open-loop - open doublet V A2. Are there any well additives?	Well Type. You may have to click twice on the dropdown menu		
		arrow to see the options		
	A3. Is the design injection rate greater than or equal to 100,000 gpd?	available. Page will reload after each dropdown selection.		
	⊙Yes ◯No			
	A4. Is the source of your injection water from a public water system?			
	◯Yes ⊙No			
	A5. Is the source of your injection water already registered/permitted with the Water Manage it already received a determination of non-consumptive use from WMAP?	ement Act Program (WMAP) or has		
	⊙Yes ◯No	Answers in Section 1 Part A will		
	A6. Does the well construction or closure activity involve a drilled well?	determine many of the variable		
	⊙Yes ○No	portions that are visible in		
	A7. Is the registration a result of the closure or conversion activity of a previously unregister	<sup>ed w</sup> Sections 2-4. Accuracy in this		
	⊙Yes ○No	section will help ensure that the		
	A8. Is the facility serviced by the well for 4 residential units or fewer?	appropriate fields will appear for		
	○Yes ④No	completion later in the form.		

Print

<< Prev

Next >>

Exit



### BRP WS06 Section 2: Part B

BRP WS06 - Transaction #215634 - UIC Registration # N/A

8. Facility Inform	nation								
Facility Name	TEST	TEST							
Address	Gulf Road								
City/Town	PELHAM	State	MA	Zip Code	01002-				
Company Name	TEST CO			NAICS/SIC Code #	4234				
Phone #	888-888-8888	Email	test@test.com	PWS ID#	Test PWS ID#				
			Click	here to clear the Mailing	Address				
Mailing Address	Gulf Road								
City/Town	PELHAM	State	MA	Zip Code	01002-				
Does your Facility I	nave a EPA Hazardous W	aste ID #	?	BRP WS06 - Transac	tion #215634 - UIC Re	egistration # N/A			
Yes ONo     B. Residential Property Information									
Test EPA	EPA Hazardous Wa	ste ID#	Property Nam	e					
Do tenants located	on your facility have EPA	Hazardo	us Was Address						
⊙Yes ○No			City/Town		State	Zip Code			
Tenant First Name	)	Tenan	t Last Name	EPA Ha: ID#	zardous Waste				
Tenant First		Tenant	t Last	Section B will asl	k questions abou	ut estate the second			
				"Facility" if quest "No" and will ask "Residential Prop A8 is marked "Ye	tion A8 is marke questions about perty" if question	d it			



### BRP WS06 Section 2: Part C

### C. Status of Activity(ies) Being Registered

Current status of proposed discharge activity:

O Designed, but not yet constructed/modified/closed/converted

O Proposed activity partially completed or completed

Proposed activity completed and active (or closure completed)

Date placed in service (mm/dd/yyyy)

Is the applicant requesting a waiver of the 30 day waiting period?

Yes ○ No

If Yes, why?

Current status of discharge(s) (entry points) being closed (check all that apply):

- Discharge still active
- Discharge discontinued
- Conversion Completed
- Entry points abandoned (physically decommissioned)

Proposed date of entry point abandonment (physical decommissioning) (it applicable)

Second set of Part C questions only appear if you have selected Yes for well closure in Section 1



### BRP WS06 Section 2: Part D

### D. Owner/Operator Information

Owner Info:								
First Name	Test Owner First	Last Name	Test Owner Last					
			Click here to	clear the Address of Owner				
Address	Gulf Road							
City/Town	PELHAM	State	MA	Zin Code 01002-				
Email	test@test.com		<b>Blue helper</b>	buttons will copy				
Owner's Legal C	ontact:		information	from previous fields				
First Name	Test Legal First	Last Name	into subseq	uent ones.				
Phone #	888-555-1212	Fax	888-555-1212					
Email	test@test.com							
~		С	lick here if the Ad	dress of Operator is same as Facility				
Operator Info:			Click here to clear the Name of Operator					
First Name	Test Owner First	Last Name	Test Owner Last					
Address	Gulf Road							
City/Town	PELHAM	State	MA	Zip Code 01002-				
Email	test@test.com							
Operator's Lega	I Contact:							
First Name		Last Name						
Phone #		Fax						
Email	test@test.com							
Ownership Type	:							
Private	Public							
Industrial	O Local	Some	ublic owne	rship classes				
Ommercia	al 🔘 Regional	-		egistration fees.				
○ Non-profit	◯ State							
	O Federal							



### BRP WS06 Section 3: Part E-H

	BRP WS06 - Tran	saction #215	0034 - 01C Regis	stration # N/A				
E. Designer								
First Name	TEST	Last Name	TEST					
Company Name	TEST							
Engineer License #	# TEST	Notional 3rd n	arti or monufacturer ar	pproval and ID number TEST				
(if applicable)								
LSP # (if applicable		Phone #	888-555-1212	]				
Email	test@test.com							
F. Installer								
			Click here to	clear the Installer				
First Name	TEST	Last Name	TEST					
Company Name	TEST							
	or manufacturer approval a	and ID number TES	T Ph	ione # 888-555-1212				
Email	test@test.com							
G. Preparer Into	G. Preparer Information							
			Click here if Prepa	arer is same as Owner				
			Click here to	clear the Preparer				
First Name	TEST	Last Name	TEST					
Address	TEST							
City/Town	TEST	State	MA	Zip Code 01002-0000				
Email	test@test.com							
MA Engineer Licen	se #(if applicable) TEST	L	SP # (if applicable)					
TEST								
H. Registered V	Vell Driller (if applica	ble)						
First Name	TEST	Last Name TEST	Г					
			N	/lassachusetts				
Company Name	TEST	Phone # 888-	555-1212	Well Driller TEST				
				Registration #				
Email	test@test.com							



### BRP WS06 Section 3: Part I 1 of 2

I. Site Information									
	~		<u> </u>						
Water Supply: O Publ	Nater Supply: O Public O Private Sewer: O Public O Private								
Are there any other current or proposed discharges on site?									
○Yes ⊙No									
Check any of the follow	Check any of the following that apply to this site								
	Site Cleanup Priority Site		TEST	lf yes, File Number					
	Site Cleanup Waiver Site		TEST	If yes, File Number					
c. Superfund Site	one ofeanap france one		TEST	If yes, Federal ID #					
-	eing regulated by the Bure			following that apply					
Incident Response	Short Term Measure	Activity and use	limitations TEST						
Confirm that the applic	ant has checked that the s	ite does not have a	any activity restrictions wi	ith respect to limiting discharges					
on the site.									
Restrictions ○ N	o Restrictions								
Please Explain for Res	trictions Selection								
TEST				A.					
	of wells that will be used f	-	II type: open-loop - open	doublet					
	de & Longitude are no lon	ger optional data:							
Well Identification	Latitude	Longitude		Locating Wells					
Number		-		_					
	42.39501 N	72.52385	W						
TEST	(e.g. 42.355767)	•	-) sign in front of v	alue, Locating Wells <u>Delete</u>					
		e.g. 71.060996	)						
				Add Row					



### BRP WS06 Section 3: Part I 2 of 2

Identify the method used for locating the latitude/longitude coordinates for the UIC Class V well(s): a. Type

Approximate location of point of UIC Class V well(s)

O Approximate center of drainfield(s)

O Approximate location of center of wellfield(s)

- Approximate center of facility(ies)
- O Approximate center of area where discharges are located
- b. Accuracy
- Estimated horizontal accuracy is better than +/-100 feet
- C Estimated horizontal accuracy is better than +/- 500 feet
- O Estimated horizontal accuracy is better than +/- 1000 feet

Provide a narrative description of the site and the feature to be permitted. As an example: "The site is on the west side of Main Street, the third building north of High Street. The disposal field lies 100 feet off the southwest corner of the building."

TEST

See instructions for BRP WS06a,b,c registration form for more details regarding the necessary attachments. Include the following:

Topographic or Orthophoto Map

- Design sheets
- MSDS sheets

Site Plan (Include Bar Scale)

- Existing analytical data
- ✓ Narrative Statement
- Equipment Specification Sheets
- Attach Well Completion Report (required for existing drilled wells)

Cross sectional diagram depicting all underground components of the UIC system

Other information (see instructions)



### BRP WS06 Section 4: Part J

BRP WS06 - Transaction #215634 - UIC Registration # N/A

		,	•
J. Injection Well Information (include inf	ormation for w	ells being register	red for closure)
Well Category: Ground Source Heat Pump	Well	Types: open-loop - ope	n doublet
Registration: 💿 Individual 🔘 Area (multiple wells	with same well co	des)	
Number of Wells	4 Maxir	mum Well Depth (feet)	4,444
UIC Well(s) Construction Date (for existing wells)			
Well Construction (check all that apply)			
Drywell Drilled Well	s	eptic Tank	Dug Well
Improved Sinkhole Drainfield/Le	eachfield 🗌 T	rench Drain	Dustwater onto the ground
Horizontal (only applies to certain ground sour	ce heat pump well:	s)	-
Other (describe)			
			▲ ▼
Type of Well Seal (if applicable)	Well	Seal Grout Material	
Source of injection fluid and Potential contaminant			
Add Injection Fluid			
Maximum total rate of injection (gallons per minute	e)	Average discharge rat	e (gallons per day)
4			4
Distance to nearest wetland or water body (feet);		Distance to nearest se	eptic system (feet);
enter N/A if distance is greater than 200 feet		enter N/A if distance is	greater than 200 feet
4		4	
Distance to nearest building foundation (existing of	or proposed)(feet);		
enter N/A if distance is greater than 25 feet		enter N/A if distance is	greater than 25 feet
4		4	
List any treatment devices, process equipment, or	heat pumps in pla	ice or proposed prior to	the injection point (attach
specification sheets and include treatment devices	s in a cross section	n):	
THE			
Depth to water table (feet)	Depth to bedrock	k (feet)	
	Distance to near	est private drinking wat	er well (existing or proposed)
Soil type(s) at side - e.g., fill, sandy till, gravel,	(feet);		,
sand	enter N/A if dista	nce is greater than 1,25	i0 feet
	432		
Distance to nearest Public Water Supply (feet);			
enter N/A if distance is greater than 2,500 feet			

210

#### **BRP WS06 Section 4: Part J** Source of injection fluid and Potential contaminant **Click Add** 1. Add Injection Fluid **Injection Fluid** 2. **Enter Source** Source of injection fluid and Potential contaminant 3. **Select Update** Source of Injection Fluid Update Cancel 4. Note – do not select **Add Injection Fluid** Source of Injection Fluid again until you want to add another source. **Otherwise you will add** Add Injection Fluid a source with no name. Source of injection fluid and Potential contaminant Source of Injection Fluid Edit Delete 5. **Select Add Potential Contaminant** OVERFLOW Add Potential Contaminant Add Injection Fluid 6. Enter Contaminant and Source of Injection Fluid Edit Delete select Update OVERFLOW Potential Contaminant 7. Keep adding Edit Delete BENZENE contaminants for that Calcium Update Cancel single source before Add Potential Contaminant adding a second Source Add Injection Fluid of Injection Fluid

MassDEP



### BRP WS06 Section 4: Part K

Part K is the most variable portion of the form.

The data fields that are included are dependent on the well Category and Type.

A discussion of each of the unique Part Ks are provided in the document titled Underground Injection Control Instructions for eDEP Forms: BRP WS06 and BRP WS06 Modification or Well Conversion.

(<u>http://www.mass.gov/eea/docs/dep/water/approvals/year-thru-alpha/e-thru-l/ews06ins.doc</u>)

You should also refer to the above referenced document to determine what additional forms may be required as attachments to your completed eDEP application.



### BRP WS06 Section 4: Part L

L. Injection Well(s) or Activity(ies) Being Closed
Is the closure being required by a federal, state, or local entity?
⊙Yes ◯No
Number of Wells 2
The following 3 data entry fields are only associated with the well type being registered with this application. Do not
include the numbers of entry points associated with any converted new well type (if applicable).
Number of Entry Points to System before closure4
Number of Entry Points being closed with this application 3
Number of Entry Points to System after closure 2
Proposed or previously completed well closure activities (check all that apply)
Clean out well(s)
Sample fluids/sediments in the bottom of the injection well
Remove well(s) and any contaminated soil
Appropriate disposal of remaining fluids/sediments
Conversion to other well type
New Well Category 🛛 🗠 New Well Type
(Note: a separate UIC registration application (BRP WS06) must be submitted for any conversion to a new well type.)
Well and entry points abandoned (physically decommissioned)
✓ Partial Closure
Sample fluids/sediments from the area surrounding the injection well (as applicable)
✓ Other (Describe)
VDFDFG



# Registered UIC Well Pre-Closure Notification Section 1: Part A

	EP MassDEP's Online Filing System	
Registered	UIC Well Pre-Closure Notification - Transaction #215692	
Error Section 1	Check Save Print Registered UIC Well Pre-Closure Notification - Transaction #215692 - U	In some cases, additional text will appear based on answers
Section 2	MAS11A008301-5C2	user has provided to other
	A. General Question	questions.
	A1. Select the transaction type:	
	Closure Partial closure O Conversion	
<	In addition to completing this Pre-Closure form for the closure of the previously registered well type, aft you must then complete a UIC registration form for the registration of the new well type.	er submitting this form
	A2. Will this proposed closure, partial closure, or conversion activity for the well type associated with this number result in either the physical well closure (abandonment) or the closure (elimination) of all entry at one or more of the registered wells?	
	OYes ⊙No	
	If you are proposing the closure of some but not all of the entry points and the proposed entry point close in the elimination of all entry points of this type for at least one of the wells included in this UIC registrat complete a modification form, not a pre-closure form.	
	A3. Do you wish to complete a Pre-Closure form for more than one well type at this time?	
	Yes ○No     No	
<	You must complete a separate Pre-Closure form for each well type that you plan to close even if you ar registered for more than one well type.	e closing a well that is



# Pre-Closure Notification Section 2: Parts B-C

			S11A00						NUMBER OF STREET	
B. Facility Info	mation								the second s	
Facility Name	215500 GSHP OLOD YYN	YYYN								
Address	215500 GSHP OLOD YYN	YYYN								
City/Town	AMHERST	State	MA			Zip Code	01002-0000			
Company Name					NAICS/S	IC Code #	545234		a star a suide of	
Phone #		Email	2@3.com			PWS ID#				
Mailing Address	215500 GSHP OLOD YYN	YYYN							a series of the series of the	
City/Town	AMHERST	State	MA			Zip Code	01002-0000	Some	fields are fill	bol
C. Preparer Inf	ormation									
First Name		L	.ast Name						tomatically fr	
Address								the e	DEP database	3
City/Town			State			Zip Code	e 🗌	based	l on the	
Email									tration Numb	or
MA Engineer Lice	nse #(if applicable)			LSP # (if ap	plicable)			_		
Contact Person:				Click here if the	Contact	Person is s	ame as Prep		rovided on th	e
First Name			.ast Name				<u> </u>	looku	p screen.	
Phone #			Fax							
Email										
Operator Info:			Cli	ck here if the A	ddress of	Operator i	s same as Pr	reparer		
First Name	215500 GSHP OLOD YYN	YYYN L	.ast Name	215500 GSHP OL		ŕN				
Address	215500 GSHP OLOD YYN	YYYN								
City/Town	AMHERST		State	MA		Zip Code	01002-0000			
Email										
Owner Info:			C	lick here if the <i>l</i>	Address o	f Owner is	same as Pre	parer		
First Name	215500 GSHP OLOD YYN	YYYN L	astName	215500 GSHP OL						
Address	215500 GSHP OLOD YYN	YYYN		L						
City/Town	AMHERST		State	MA		Zip Code	01002-0000			
Email	2@3.com									

# Pre-Closure Notification Section 2: Parts D-E

#### D. Status of Proposed Discharge or Well Closure Activities Current status of discharge(s) or well(s) being closed (check all that apply) Discharge still active Discharge discontinued Conversion Completed Entry points abandoned (physically decommissioned) Injection well abandoned (physically decommissioned) Proposed date of well closure/conversion Date that closure/conversion was completed (if applicable) Is the closure of the well(s) or activity(ies) being required by a federal, state, or local entity? OYes ON₀ Is the applicant requesting a waiver of the 30 day waiting period? O Yes O No If Yes, why? E. Injection Well(s) or Activity(ies) Being Closed Registration Individual O Area (multiple wells with same well codes) Well Category: Ground Source Heat Pump Well Type: open-loop - open doublet Number of Wells

Check the corresponding box for each well location being closed Well Identification Number Latitude Longitude Close? 21 N 12 W (e.g. 42.355767) (Do not enter (-) sign in front of value, e.g. 71.0609 Number of Entry Points to System before closure Number of Entry Points proposed for closure Number of Entry Points to System after closure Proposed or previously completed well closure activities (check all that apply) Clean out well(s) Sample fluids/sediments in/below the well Remove well(s) and any contaminated soil Appropriate disposal of remaining fluids/sediments Conversion to other well type Well and entry points abandoned (physically decommissioned) Partial Closure Sample fluids/sediments from the area surrounding the injection well (as applicable) Other (describe)

For closure of an existing registered well, a checkbox is used to indicate which wells are being completely closed relative to the Well Category and Well Type associated with the UIC Registration Number.

Note that closing a well to a particular Well Category and Well Type does not necessarily mean that the well has been physically closed to all other types of use.





# Pre-Closure Notification Section 2: Part F

Well driller information is required if the closure activity involves a drilled well. If you do not have this information, contact the DEP at <u>ASK.UIC@State.MA.US</u>. The DEP also provides a list of Drillers and their Registration Numbers on the DEP website here: <u>http://www.mass.gov/eea/agencies/massdep/water/drinking/well-drillers-</u> <u>program.html</u> (both Excel and PDF versions of the file are available on the website)

### F. Registered Well Driller (if applicable)

Ooes the well cons ○Yes ○No	struction or closure activity involve a drilled	well?
First Name	Last Name	
Company Name	Phone #	Massachusetts Well Driller Registration #
Email		
		< Prev Error Check & Next



# Well Monitoring Report Geothermal

DEP MassDEP's Online Filing System					
UIC Registered	UIC Registered Well Monitoring Report - Transaction #215693				
Error Che	ck	Save		Print	Exit
UIC Registered	UIC Registered Well Monitoring Report - Transaction #215693 - UIC Registration # MAS11A008309- 5C2				
A. Residential Pro	perty Inform	ation			
Property name	215686 GSHP OL	OD NNYNY			
Address	221 WEST MAIN S	STREET			
City/Town	HOPKINTON	State	MA	Zip Code	01748-0000
B. Injection Well I	nformation				
Well Category: GROU		EAT PUMP	Well Type: C	PEN-LOOP - OPEN [	DOUBLET
Information verifie	ea				
I IVDE OT ANAIVSIS		Check here if attaching electronic copy of laboratory results		MassDEP	mailing laboratory results to
GSHP – raw water	P - raw water O			$\circ$	
GSHP – post heat pu	heat pump bacteria			0	
GSHP – post heat pu copper	imp lead &	0 0			



# Well Monitoring Report MV-Rinse

And a second second	At a start of the second	1.1.1	and Children and	and the second second	
DE	MassDEP's Online	Filing Sys	tem		
UIC Registered	UIC Registered Well Monitoring Report - Transaction #216258				
Error Chee		ave		Print	Exit
UIC Registered	l Well Monitoring Repo	rt - Tr	ansaction #21625 5H3	8 - UIC R(	egistration # MAS11A008302-
A. Residential Pro	operty Information				
Property name	BUBBA WATSON				
Address	WATSON WAY				
City/Town	AMHERST	State	MA	Zip	Code 01002-0000
B. Injection Well I	nformation				
Well Category: MOTO	R VEHICLE RELATED	v	/ell Type: RINSE WATER,	SNOW/ICE MI	ELT OR RAIN DRIP
Information Verified					
Type of Analysis Check here if attaching electronic copy of laboratory results to MassDEP			Check here if mailing laboratory results to MassDEP		
Post closure results water analyses)	(may include sludge, soil and		0		0



# Well Monitoring Report Other-Non Contact Cooling Water

UIC Registered	UIC Registered Well Monitoring Report - Transaction #216259					
Error Chee	ck	Save		Print	Exit	
UIC Registered	l Well Monitoring	Report - T	ransaction #21625 5A19	9 - UIC Regi	stration # MAS41A01831	16-
A. Residential Pro	operty Information					
Property name	WS06 O PWWD 216002					
Address	221 PELHAM ROAD					
City/Town	AMHERST	State	MA	Zip Coo	de 01002-0000	
B. Injection Well I	nformation					
Well Category: OTHE	R Well	Type: NON-CON	TACT COOLING WATER R	ETURN FLOW		
Information Verifie	ed					
Type of Analysis			Check here if attaching el laboratory results	ectronic copy of	Check here if mailing laboratory results to MassDEP	
Non-contact cooling/ concentration (if appl	heating water – testing f icable)	or additive	0		0	



### **Completion of Construction**

### UIC Well Completion of Construction Notification - Transaction #216109

F	rro	r C	he	c	k
_				<u> </u>	

Save

Print

#### UIC Well Completion of Construction Notification - Transaction #216109 - UIC Registration # MAS41A018316-5A19

Date construction completed: 1/1/1111

Date well put into use if different than the date listed above: 1/1/1111

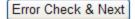
Was there any information that was unavailable or missing in the original UIC application (i.e. well depth, depth to water table/bedrock)? • Yes 
No

Has any of the information that was submitted with the original UIC application (including any previously submitted UIC registration modification forms) changed or have any of the UIC well and discharge system conditions that MassDEP placed on the UIC registration approval not been met (excluding any post start-up sampling requirements)? This would include, but not be limited to the following: well dimensions, well seal materials, piping/tubing materials, well(s) location(s), number of wells, number of entry points to the system, types of discharges, and any of the attachments previously submitted. • Yes O No

If you answered yes to either of the previous questions, you must complete a BRP WS06 Modification or Well Conversion form, completing only those portions of the form, and resubmitting only those attachments, that were modified:

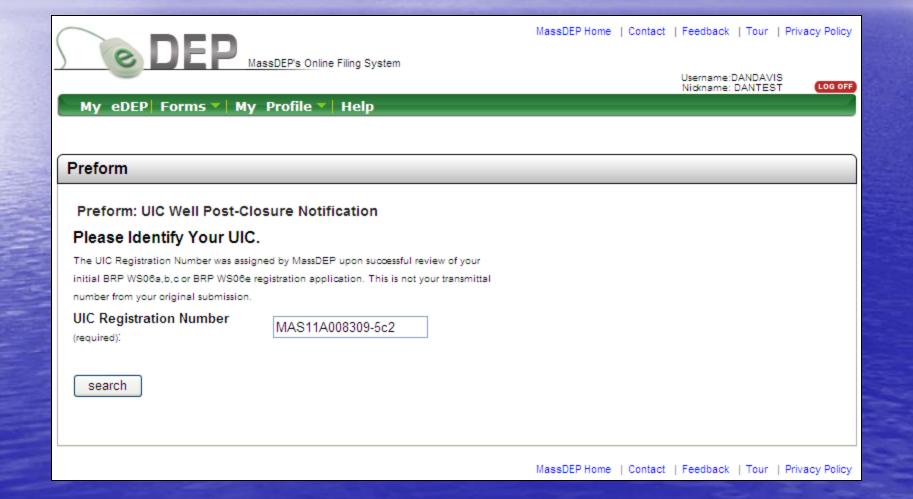
For drilled wells attach the well driller's Well Completion Report.

Attach laboratory analytical results for raw water samples (required for open-loop ground source heat pump (GSHP) wells and water purification injection wells) and post treatment/process/heat pump bacteria samples (required for open-loop GSHP wells).





### **Post-Closure Notification**





### **Post-Closure Notification Section 1**

DEP MassDEP's Online Filing System							
UIC Well Po	st-Closure No	tification - Transact	ion #2162	75			
Error	Check	Save			Print		Exit
Section 1 Section 2	UIC We	Il Post-Closure No		- Transaci 1A008305		275 - 010	Registration #
	A. Residential	Property Information	I				
	Property name	215690 GSHP OLOD NNYN	Y				
	Address	225 PELHAM ROAD					
	City/Town	AMHERST	State	MA		Zip Code	01002-
	B. Preparer In	formation					
	First Name	La	ast Name				
	Address						
	City/Town	Si	ate			Zip Code	)
	Email						
	MA Engineer	L	SP #				
	License #	(if	applicable)				
	Contact Person:			Click here	if the Contac	t Person is s	same as Preparer
	First Name	La	ast Name				
	Phone #	E	mail				
	L						



### **Post-Closure Notification Section 2**

	EP MassDEP's Online Filing System		
UIC Well Pos	st-Closure Notification - Transaction #216275		
Error	Check Save	Print Exit	
<u>Section 1</u> Section 2	UIC Well Post-Closure Notification - Transa MAS11A00830		n #
	C. Well Closure Option Selected and Required Activitie	95	
	(as per MassDEP–UIC Program):		
	Does the closure include Floor Drain(s)?		
	○Yes ○No		
	You must select one of the following options: Option - Sealing: Plug point of entry, if applicable (see 248 CMR 2 Inspector Approval to Seal Floor Drain (where applicable)	.09). Submit copy of Form WS1: Notice of Plur	mbing
	Plumbing Permit # Date of Plugging		
	Option – Industrial Wastewater (IWW) Holding Tank (314 CMR meeting appropriate MassDEP requirements. Submit -Floor plan with Tank ID # Date of Connection		ig tank
	Tank ID # Date of Connection	Date of Certification Application Submittal	
	Option – Sewer or Stormwater: Connect discharge to municipal Sewer or Stormwater discharge permit # or letter of approval from the	sanitary sewer or stormwater drainage system	n. Submit
	Permit # (if required) Date of Approval to Connect	Date of Connection	
	Name of Issuing Authority		
	Option - Other: Certain other options are also acceptable (e.g. for system, closure and removal of entire operation, surface water discharinformation:		
	Specify Option Selected		
		× •	
	Permit # (if required) Approval Date	Closure Date	ן ר



# **Post-Closure Notification Section 2**

Submit all screening and Analytical Results: This information must be submitted in accordance with criteria specified in the document entitled "Massachusetts Closure Requirements for Shallow Injection Wells."

Facilities Waste Management Plan: When required via the issuance of an enforcement order from the MassDEP's UIC program or in response to your Pre-Closure submittal from the MassDEP's UIC program, a waste management plan specifying methods to be used to properly collect, store, and dispose of all potentially hazardous wastes must be submitted.

Submit copy of Form WS1: Notice of Plumbing Inspector Approval to Seal Floor Drain (where applicable).

Date of Well Closure(s)

Was there any information that was unavailable or missing with the original UIC application (i.e. well depth, depth to water table/bedrock)?

○Yes ○No

Has any of the information that was submitted with the original UIC registration application and/or Pre-Closure Notification form (including any previously submitted UIC registration modification forms) changed or have any of the UIC well and discharge system conditions that MassDEP placed on the UIC registration approval not been met (excluding any post start-up sampling requirements)? This would include, but not be limited to the following: well dimensions, well seal materials, piping/tubing materials, well(s) location(s), number of wells, number of entry points to the system, types of discharges, and any of the attachments previously submitted.

○Yes ○No

If you answered yes to either of the previous questions, you must complete a BRP WS06 Modification or Well Conversion form, completing only those portions of the form, and resubmitting only those attachments, that were modified.

Comment:

Proposal for Che	emical	Use in a	a UIC
Class V Well	ch	emical you are e	the CAS number for the contering into the form, you p tool located here:
MassDEP's Online Filing System Proposal for Chemical Use in UIC Class V Well - Transactio	p#215577 ht	tp://chem.sis.i	<u>nlm.nih.gov/chemidplus/</u>
Error Check Save	Print	Exit	
Proposal for Chemical Use in UIC Class / Well - Transa The MassDEP UIC Program requires the following information be provided by any chemicals for scale inhibitors, corrosion inhibitors, well rehabilitation or cleaning, A. Proposed use of chemicals/additives that will enter the discharge water:	applicant seeking approval for ch , cooling towers, etc. Chemical		
Chemical Name CAS Number Dry chemical use per Liquid chemi year (pounds) per year(gall			
Add Row		Delete	
<ul> <li>B. Will there be chemical monitoring before and/or after application?</li> <li>Yes O No</li> <li>If yes, provide a brief description of the type and frequency of monitoring:</li> </ul>	i		
		×	
C. Provide Material Safety Data Sheets (MSDS) or Environmental Data Sheets (ED D. Decomposition and chemical reaction by-products at 20°C and at maximum ter encountered (including the by products of chemical reactions within the discharge	mperature and maximum pH and		
		×	
		Error Check & Next	

MassDEP



### Post-Closure Section 1: Parts A-B

DEP MassDEP's Online Filing System				
UIC Well Po	st-Closure No	tification - Transaction #215696		
Error	Check	Save Print Exit		
Section 1	UIC We	ell Post-Closure Notification - Transaction #215696 - UIC Registration #		
Section 2		MAS11A008309-5C2		
	A. Residential	Property Information		
	Property name	215686 GSHP OLOD NNYNY		
	Address	221 WEST MAIN STREET		
	City/Town	HOPKINTON State MA Zip Code 01748-		
	B. Preparer Int	formation		
	First Name	Last Name		
	Address			
	City/Town	State Zip Code		
	Email			
	MA Engineer	LSP #		
	License #	(if applicable)		
	Contact Person:	Click here if the Contact Person is same as Preparer		
	First Name	Last Name		
	Phone #	Email		
		<< Prev Next >>		



### Post-Closure Section 2: Part C 1 of 2

JIC Well Po	ost-Closure Notification - Transa	ction #2156	696			
Erro	or Check Save			Print		Exit
<u>ection 1</u> Cection 2	UIC Well Post-Closure N		- Transac 1A008309		- UIC Regis	tration #
	C. Well Closure Option Selected	and Require	d Activitie	s		
	(as per MassDEP–UIC Program):					
	Does the closure include Floor Drain(s)?					
	○Yes ○No					
	You must select one of the following optic Option - Sealing: Plug point of entry, it Inspector Approval to Seal Floor Drain (v	f applicable (se		09). Submit copy of F	orm WS1: Notice	e of Plumbing
	Plumbing Permit #	Date of Plugging	9			
	Option – Industrial Wastewater (IWA meeting appropriate MassDEP requireme Tank ID #		oor plan with		-	-
	IWW Holding Tank Certification Transmitt	al#	[	Date of Certification A	pplication Subm	ittal
	Option – Sewer or Stormwater: Con Sewer or Stormwater discharge permit #	_			rmwater drainage	e system. Submit
	Permit # (if required)	Date of Approva	I to Connect	Da	te of Connection	
	Name of Issuing Authority					
	<b>Option - Other:</b> Certain other options system, closure and removal of entire opti information:			-		
	Specify Option Selected					
						* *
	Permit # (if required)	Approval Date		Clo	sure Date	



### Post-Closure Section 2: Part C 2 of 2

Submit all screening and Analytical Results: This information must be submitted in accordance with criteria specified in the document entitled "Massachusetts Closure Requirements for Shallow Injection Wells."

Facilities Waste Management Plan: When required via the issuance of an enforcement order from the MassDEP's UIC program or in response to your Pre-Closure submittal from the MassDEP's UIC program, a waste management plan specifying methods to be used to properly collect, store, and dispose of all potentially hazardous wastes must be submitted.

Submit copy of Form WS1: Notice of Plumbing Inspector Approval to Seal Floor Drain (where applicable).

#### Date of Well Closure(s)

Was there any information that was unavailable or missing with the original UIC application (i.e. well depth, depth to water table/bedrock)?

### ⊖Yes ⊖No

Has any of the information that was submitted with the original UIC registration application and/or Pre-Closure Notification form (including any previously submitted UIC registration modification forms) changed or have any of the UIC well and discharge system conditions that MassDEP placed on the UIC registration approval not been met (excluding any post start-up sampling requirements)? This would include, but not be limited to the following: well dimensions, well seal materials, piping/tubing materials, well(s) location(s), number of wells, number of entry points to the system, types of discharges, and any of the attachments previously submitted.

#### ○Yes ○No

If you answered yes to either of the previous questions, you must complete a BRP WS06 Modification or Well Conversion form, completing only those portions of the form, and resubmitting only those attachments, that were modified.

Comment:



### Mandatory Closure Child Form

DEP MassDEP's Onli	ine Filing System
Mandatory Closure Notification - Tra	Insaction #215718
Error Check	Save Print Exit
Mandatory Closure Notification -	Transaction #215718 - UIC Registration # MAS11A008305-5C2
Entity requiring the mandatory closure:	
O DEP	
O EPA	
O Local (check the applicable local entity):	
Board of Health	
Planning Board	
Plumbing Inspector	
Conservation Commission	
Enter the following information from the enforcem	ent letter/notice that you received:
Contact name for issuing authority:	
Telephone number:	
Date issued:	
Pre-Closure compliance deadline:	
Closure compliance deadline:	
Deadline for registration of UIC well:	



# Non-Consumptive Use Request 1 of 2

DE	MassDEP's Online Filing System			
Determination of Non-Consumptive Use Request - Transaction #215873				
Error Chee	ck Save Print	Exit		
Determination of Non-Consumptive Use Request - Transaction #215873 - UIC Registration # MAS11A008309-5C2				
A. Facility Informa	tion			
Facility Name				
Address				
City/Town	State Zip Code			
Facility Contact Person				
First Name Email (optional)	Last Name			
B. Withdrawal Info	rmation			
		¬		
1. Design maximum	daily withdrawal volume	gallons per day		
2. Existing or proposed maximum number of days per year of withdrawal (days of days per year				
operation)	operation)			
3. Existing or propos	3. Existing or proposed average daily withdrawal volume (based upon number of			
days of operation pe	r year)	gallons per day		
4 Attach a copy of a	4. Attach a copy of a USGS Quadrangle Map showing the location of the withdrawal point(s) (WP) and discharge point(s) (DP) and system			
	4. Alloch a copy of a Osos ordering in map showing the rocation of the windrawar point(s) (WP) and discharge point(s) (DP) and system bleed point(s) (BP) (if applicable).			
5. Attach a schemati	5. Attach a schematic drawing indicating WP, DP and BP and distances between (in feet).			
6. In the following tal	ble indicate the depth interval of the WP, DP, and BP and type of aquifer or surface water (i	.e. sand & gravel, confined sand		
& gravel, bedrock, river, stream, lake, stormwater, shallow infiltration, etc.). Note: For a groundwater WP, DP, or BP, the depth interval should be				
the well screen interval (for confined and unconfined sand and gravel aquifers) or the interval of open borehole beneath the protective surface casing (for bedrock aquifers). If the WP and DP are in the same well and are open to the identical depth interval then enter "same" under the				
depth interval column for the DP location.				
Location	Depth or depth interval of withdrawal or discharge (feet below ground or water surface)	Type of aquifer or surface water		



### Non-Consumptive Use Request 2 of 2

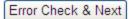
Location	Depth or depth interval of withdrawal or discharge (feet below ground or water surface)	Type of aquifer or surface water
WP		
DP		
BP (if applicable)		

#### 7. What is the proposed or existing use of this water?

8. Is there an existing or planned system bleed point (BP) that is not the same location as the DP (Note: typical Title 5 or MassDEP permitted discharges of sanitary wastewater that may be generated from a dual purpose WP are not considered system bleed)?

○Yes ○No

10. Attach copy of laboratory reports on water quality test results (standard analyses) for WP and DP waters (temperature is a critical submittal).



# Underground Injection Control Technical Compliance Forms



The Underground Injection Control Technical Compliance Forms have not yet been added to the eDEP child forms. The technical compliance form applicable to your UIC well type should be downloaded from the following MassDEP web page and a copy of the completed form should either be uploaded with your eDEP UIC registration application submittal or the original should be mailed to MassDEP: http://www.mass.gov/eea/agencies/massdep/ water/approvals/underground-injectioncontrol-technical-compliance-forms.html



**Additional Information** The following information may be obtained here: http://www.mass.gov/eea/agencies/massdep/water/drinkin g/underground-injection-control.html • UIC Well Type Descriptions • UIC Class V Well Registration Application **Fee Table** • eDEP UIC General Guidance • More detailed instructions and technical requirements are provided in the documents that start with the word "Instructions"