

**APPLICATION CHECKLIST**

*Adkins Co, SWW# 9, Permit # 3761*  
*M. Frost #1*

	Date	Initials
Enter on Agenda		
Completeness Review	<i>1/30/12</i>	<i>DF</i>
Date - Time Stamp	<i>2/6/12</i>	<i>DF</i>
Area of Review	<i>1/30/12</i>	<i>DF</i>
Site Evaluation	<i>2/6/12</i>	<i>DF</i>
Permitting Section		
Memo to Inspector	<i>1/30/12</i>	<i>DF</i>
Public Notice	<i>7-24-12</i>	<i>DF</i>
Letter	<i>08-01-12</i>	<i>DF</i>
Date Run		
15 Days		
Review Public Notice		<i>DF</i>
Affidavit of Notification	<i>3/6/12</i>	<i>DF</i>
Objections Received	Yes _____ No _____	<i>DF</i>
Public Hearing Date		<i>DF</i>
Chief's Order, if Required		<i>DF</i>
Schematic	<i>N/A</i>	<i>DF</i>
Plot on Map	<i>2/6/12</i>	<i>DF</i>
Review by Geologist		<i>DF</i>
Permit Conditions (Same date as permit)		<i>DF</i>
Enter on Computer (Same or later date than Chief's Order)		<i>DF</i>
Enter on Master List	<i>2/6/12</i>	<i>DF</i>
EPA Form	<i>2/6/12</i>	<i>DF</i>
Mail Permit		<i>DF</i>
Update Agenda		<i>DF</i>
File		<i>DF</i>

**RECORD OF CONVERSATION**

*2/7/2012 - Need SWW affidavit, restoration plan, packer depth, and cement record for well in ADK*

*3/6/12 - Received requested documents*

# DAILY ROUTE SLIP

APPLICATION NO. aAMY0000706

TYPE: Convert SWIW

CONAME D T ATHA INC

API 34009237610000

WELL NAME /NO. FROST M

1

COUNTY 9 ATHENS

INITIALS

DATE

DATE APPLICATION REC'D

AM

1/30/2012

PERMIT FEE AND CHECK NO.

\$1,000.00

7413

RUSH AMOUNT RUSH CHECK NO.

\$0.00

0

APPLICATION ENTERED

AM

1/30/2012

APPLICATIONS AND PLATS SENT FOR MINE APPROVAL

AM

COAL APPROVAL RECEIVED

AM

OIL/GAS AFFIDAVIT REC'D

AM

URBANIZED AREA NOTIFICATION SENT

AM

URBANIZED AREA NOTIFICATION SENT TO INSPECTOR/REC'D BACK

AM

URBAN MAP REVIEW

AM

SAMPLES: YES \_\_\_/SPECIAL AREAS

AM

GEOLOGIST APPROVAL

AM

DATA ENTRY /ISSUED

AM

PERMIT: TAKEN \_\_\_ MAILED \_\_\_

AM

FAX TO: \_\_\_\_\_

FINAL MAP CHECK

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# Proof Sheet

APPL NUMBER	aAMY0000706		URBANIZED AREA ?	<input type="checkbox"/>
OWNER NUMBER	7077		NAME	
OWNER NAME	D T ATHA INC			
EXISTING WELL	-1			
API PERMIT NO	34009237610000		DISPOSAL PLAN 1	ND
APPL TYPE	CS		DISPOSAL PLAN 2	
TYPE OF WELL	SWD		DISPOSAL PLAN 3	
VARIANCE REQUEST			DISPOSAL PLAN 4	
WELL NAME	FROST M		DISPOSAL PLAN 5	
WELL NUMBER	1 (SWW # 9)		MP Check #	0
PREV/PROPOSED TD	3810			
DRILL UNIT ACRES	0			
TYPE OF TOOL	SERV			
WELL CLASS				
FIRE PHONE	(740) 667-3343			
MEDICAL PHONE	(740) 592-3247			
COUNTY CODE	9			
COUNTY NAME	ATHENS			
COAL (Y=-1/N=0)	-1			
CIVIL TOWNSHIP	ROME			
SURF QUAD	CUTLER			
Nad 27 SURF ORIG X	2,188,405			
Nad 27 SURF ORIG Y	471,070			
GROUND ELEVATION	612			
SURF SEC	32			
SURF LOT				
SURF QTR TWP				
SURF ALLOT				
SURF TRACT				
SURF FRACTION				

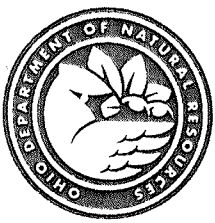
DISPOSAL PLAN 1	ND
DISPOSAL PLAN 2	
DISPOSAL PLAN 3	
DISPOSAL PLAN 4	
DISPOSAL PLAN 5	

MP Check # 0

**PROPOSED FORMATIONS**

ONANDAGA LS; HURON SHALE

TARG CIVIL TWP	
TARG QUAD	
Nad 27 TARG ORIG X	
Nad 27 TARG ORIG Y	
TARG ELEV	0
TARG SECTION	
TARG LOT	
TARG QTR TWP	
TARG ALLOT	
TARG TRACT	
TARG FRACTION	



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

Richard J. Simmers, Chief  
**Division of Oil and Gas Resources Management**  
2045 Morse Road, Bldg. F-2  
Columbus, OH 43229-6693  
Phone (614) 265-6922 Fax (614) 265-6910

August 1, 2012

**Mr. David T. Atha**  
D.T. Atha, Inc.  
P.O Box 320  
Sugar Grove, OH 43155

**RE: Public Notification for SWIW application for Athens, Rome Twp., Permit #3761, D.T. Atha, Inc., Frost M #1 injection well.**

Dear **Mr. Arthur**:

As outlined in Rule 1501: 9-3-06 (H) (1) of the Ohio Administrative Code, please consider this letter as notification from the Division for you to proceed with the public notice. Enclosed, please find a copy of the notice you will need to have run in the newspaper of general circulation in the area of the proposed injection well. **The public notice must be run for no less than five consecutive days. After running this notice in the newspaper, please send me the original proof-of-publication from the newspaper as soon as possible.**

If you have any questions regarding this matter, please feel free to contact me at (614) 265-1032.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Tomastik".

**Tom Tomastik**, Geologist

UIC Section

Division of Oil and Gas Resources Management  
2045 Morse Road, F-2  
Columbus, Ohio 43229-6693

Cc: File

**PUBLIC NOTICE**

**D.T. Atha, Inc., P.O. Box 320, Sugar Grove, Ohio (740) 746-8567 is applying to permit a well for the injection of brine water produced in association with oil and natural gas. The location of the proposed injection well is SWIW#9 well, Permit #3761, Section 32, Rome Township, Athens County, Ohio. The proposed well will inject into Onandaga Limestone and Huron Shale at depths of 2724 to 3810 feet. The average injection is estimated to be 1200 barrels per day. The maximum injection pressure is estimated to be 630 psi. Further information can be obtained by contacting D.T. Atha, Inc. or the Division of Oil and Gas Resources Management. The address of the Division is: Ohio Department of Natural Resources, Division of Oil and Gas Resources Management, 2045 Morse Road, Building F-2, Columbus, Ohio 43229-6693, (614) 265-6633. For full consideration, all comments and objections must be received by the Division, in writing, within fifteen calendar days of the last date of this published legal notice.**

**INTER-OFFICE MEMO**

**TO: Jon Scott, Mineral Resources Inspector**  
**FROM: Andrew Adgate, Geologist** AA  
**SUBJECT: Application and Site Evaluation for a SWIW permit**  
**DATE: July 24, 2012**

The Division of Oil and Gas Resources Management has received an application for the proposed saltwater injection well as described below:

**OPERATOR:** D T Atha Inc.  
**WELL NAME & NUMBER:** Frost M #1  
**PERMIT NUMBER:** Conversion of existing well, SWIW #9  
**LOCATION:** 1350' SL & 580' WL of Sec. 32, Rome Twp., Athens County  
**PROPOSED INJECTION ZONE:** Oriskany sandstone and Huron shale  
**DATE RECEIVED:** March 6, 2012

Please inspect proposed site and evaluate for any potential water wells or surface bodies of water within close proximity that would require any additional permit conditions for the construction of the SWIW surface facilities. Please e-mail me a copy of the site inspection report with any recommendations.

FLD \*Hole 1 Field Entry Bot 65 Diam 17 Top 0 LENGTH

Set Dt SHOT/RIP: CSG\_REC'D:

CMMT Casing Condition,  
Weight and Cement Basket

CONDITION WEIGHT  
BOC 0 TOC 0 DT\_CM Duration  WITNESSED  
CMT\_CON INSPECTOR STEPHEN OCHS  
CLASS\_CMT: SACKS YIELD  
CLASS\_CMT2: SACKS2 GEL\_VISC

Cement Comments  
Centralizer Wiper Plug  
Shoe Collar Other

FLD \*Hole 2 Field Entry Bot 1368 Diam 11 Top 0 LENGTH

Set Dt SHOT/RIP: CSG\_REC'D:

CMMT Casing Condition,  
Weight and Cement Basket

CONDITION WEIGHT  
BOC 0 TOC 0 DT\_CM Duration  WITNESSED  
CMT\_CON INSPECTOR STEPHEN OCHS  
CLASS\_CMT: SACKS YIELD  
CLASS\_CMT2: SACKS2 GEL\_VISC

Cement Comments  
Centralizer Wiper Plug  
Shoe Collar Other

FLD Production Casing Bot 3714 Diam 4.5 Top 0 LENGTH  
Set Dt SHOT/RIP: CSG\_REC'D:

CMMT Casing Condition,  
Weight and Cement Basket

CONDITION WEIGHT  
BOC 0 TOC 0 DT\_CM Duration  WITNESSED  
CMT\_CON INSPECTOR  
CLASS\_CMT: Unknown SACKS 200 YIELD  
CLASS\_CMT2: SACKS2 GEL\_VISC 0  
Cement Comments  
Centralizer Wiper Plug  
Shoe Collar Other

FLD \*Surface Casing Fiel Bot 1327 Diam 8.62 Top 0 LENGTH 1327  
Set Dt 3/22/2007 SHOT/RIP: CSG\_REC'D:

CMMT Casing Condition,  
Weight and Cement Basket

CONDITION New WEIGHT  
BOC 1327 TOC 0 DT\_CM 3/22/2007 Duration  WITNESSED  
CMT\_CON FORMATION CEMENTING, INC. INSPECTOR STEPHEN OCHS  
CLASS\_CMT: Class A Cement SACKS 190 YIELD  
CLASS\_CMT2: Class A Cement SACKS2 125 GEL\_VISC  
Cement Comments 3% Ca Cl; 4% gel; 175 lbs LCM  
Centralizer Wiper Plug  
Shoe Collar Other



<b>Formation</b>	<b>TOP</b>	<b>BOT</b>	<b>METH_</b>	<b>Producing</b>	<b>NonStandard</b>	<b>CMMNT</b>
MAXTON SAND	899	973	L	No		GAS
SALT SAND	838	882	L	No		GAS
KEENER SAND	1016	1057	L	No		GAS
BEREA SANDSTONE	1580	1588	L	Yes		
OHIO SHALE	1588	3534	L	Yes		
BIG LIME	3534		L	No		
ORISKANY SANDSTO	3600	3607	L	Yes		GAS

**Tomastik, Tom**

**From:** Baker, Mike [Mike.Baker@epa.state.oh.us]  
**Sent:** Friday, March 09, 2012 2:02 PM  
**To:** Tugend, Thomas  
**Cc:** Tomastik, Tom; Eggert, Michael; Lowe, Chuck  
**Subject:** Class II Permiot Reviews

**Attachments:** ODNR Permit Review Summary 2.docx

Ohio EPA Division of Drinking and Ground Waters has completed its review of nine (9) Class II underground injection well permits.

Our review of the Class II permits focused on well construction relative to the protection of underground sources of drinking water (USDW) and the location of the surface facilities relative to public water system source water protection areas and other sensitive hydrogeologic settings.

None of the reviewed Class II permits are within 2,000 feet of a public water system well or within a source water protection area. However, we do have a couple overarching comments concerning the surface casing of the well construction. More specifically, our review assessed the placement of surface casing and cement relative to the lowest most USDW. Ohio EPA would recommend that a class A cement with appropriate additives be specified as well as the use of centralizers to assure an adequate bond.

Attachment A is a summary of our comments concerning each permit application. Please contact Chuck Lowe of my staff at 614-644-2752 if you have questions on the specific comments.

---

This message was secured by Zix (R).

3/9/2012

## Attachment A: ODNR Permit Review Summary

9 permits reviewed, including:

- 6 new drills; and,
- 3 conversions of existing wells.

None of the Class II SWDWs reviewed are within 2,000 feet of a PWS well or within a protection area.

### New Wells

1. Muskingum Co., Jackson Twp. OOGC #1 Black Run Disposal Well
  - Surface casing depth and amount of cement appear adequate. The type of cement, and number and location of centralizers used on the surface casing should to be specified. Lack of this information limits our review.
  - The injection zone is the Knox through the Mt. Simon; however, completion schematic shows only the Mt. Simon as perforated. The injection zone perforations should be corrected to reflect the revised injection zone.
  - Well surface construction appears sufficient.
2. Mahoning Co., Springfield Twp. D&L #7 Mohawk Printup
  - Surface casing depth and amount of cement appear adequate. The permit to drill specifies 350 sacks of superlite cement – Ohio EPA recommends that Class A be used instead. The number of centralizers and their location should be specified. The lack of this information limits our review.
  - The well is located outside of the Youngstown area of concern.
  - Well surface construction appears sufficient.
3. Mahoning Co., Youngstown Twp. D&L #8 Mohawk Meenchan
  - Well construction comments are the same as for the #7 Mohawk Printup well.
  - The #8 Mohawk Meechan well is within the AOR that has experienced seismic activity. This should be evaluated in siting, construction and injection requirements.
4. Muskingum Co., Union Twp. 1960 Well Services #1 C. Goff
  - Surface casing and amount of cement appears adequate. The type of cement, and number and location of centralizers used on the surface casing should to be specified. Lack of this information limits our review.
  - The plat map shows two small wetland areas that are adjacent to the well and offloading pad. The permittee should be made aware of associated regulatory requirements.
  - Well surface construction appears sufficient.
5. Trumbull Co., Weathersfield Twp. American Water Mgt. #1 AWM
  - Both surface and injection casing depths and cement appear adequate. The type of cement, and number and location of centralizers used on the surface casing should to be specified. Lack of this information limits our review.
  - Open hole disposal into the “Newburg”. There are sixteen existing “Clinton” wells within the AOR that are likely un-cemented above the “Clinton” cement top and the base of the surface casing. These well bores could act as a conduit for fluid migration (i.e. either brine or brine displacing formation waters).

6. Trumbull Co., Weathersfield Twp. American Water Mgt. #2 AWM
  - Surface casing depth appears adequate and cemented to surface. The type of cement, and number and location of centralizers used on the surface casing should to be specified. Lack of this information limits our review.
  - The injection casing cement top is shown to surface on the diagram, but states the cement top is at 4000 feet. This should be clarified because the plat map show 112 feet between the two disposal wells (same concerns as outlined in #5).

#### **Converted Wells**

1. Athens Co., Rome Twp., D.T. Atha #1 M. Frost
  - Surface casing depth appears adequate; however, no inspectors report to verify cement to surface (315 sacks used on completion report). The surface cement should be verified.
  - Operator proposes to squeeze off the existing perfs in the Berea and Ohio Shale, but doesn't show the proposed injection zone perfs.
  - Injection casing and tubing construction depths don't agree with the well schematic diagram. This should be resolved.
2. Knox Co., Morgan Twp., Knox Energy #2 Harstine Trust
  - Surface casing and cement job appear adequate.
3. Morgan Co., Marion Twp., Broad Street Energy #102 Cook
  - Surface casing and cement volume (90 sacks) appear adequate.
  - Well surface construction appears adequate.

### **Geologic Review for Class II Wells**

Application No: aAMY0000706

Well Type: SWD (water injection-disposal)

Proposed TD: 3,810 feet

Proposed Formation: Ohio Shale-Oriskany Sandstone

Athens County, Rome Township

Study area investigated ~ 15 mile radius centered on the proposed well location for all maps except the gravity and magnetic maps, which used 30 mile radius.

#### Gravity Bouguer Anomaly

- The gravity Bouguer Anomaly map shows the permit application is located in a gravity low.

#### Gravity Free Air

- The free air map shows the permit application is located in a gravity low.

#### Magnetic First Derivative

- There are two northeast-southwest magnetic high trends apparent on the Magnetic First Derivative map. The first of these magnetic high trends is located approximately 10 miles southwest of aAMY0000706 and trends approximately N 40° E; the second is approximately 8 miles directly south of aAMY0000706 and trends N 58° E.
- A northeast-southwest magnetic low trend is about 16 mile northeast of aAMY0000706 and strikes N48° E.

#### Magnetic Second Derivative

- There is a northeast-southwest trending magnetic high located about 8 miles south of the permit application and trends N 58° E.

#### Magnetic Reduce Dipole

- The Magnetic Reduced Dipole Map shows a northeast-southwest trending magnetic high approximately 6 mile south of aAMY0000706. Another trend is located 10 miles southwest of the permit application.

#### Precambrian Structure from PG-23

- Nothing of note.

#### Knox Structure

- The appears to be some potential folding 10 miles south of the permit application.

#### Trenton Structure

- Nothing of note.

#### EGSP Onondaga Structure

- Small variation in strike occur along contours of the EGSP Onondaga map. These variations do not coincide with any known faults; however, these variations occur with a northwest-southeast trend.

#### MRCSP Onondaga Structure

- Nothing of note.

#### EGSP Berea Structure

- Small variation in strike occur along contours of the EGSP Berea map. These variations do not coincide with any known faults. These variations occur with a northwest-southeast trend.

#### Mississippian/Pennsylvanian Unconformity Surface

- The Mississippian-Pennsylvanian unconformity surface indicates no faults, but changes in strike are consistent with trends observed on both the EGSP Onondaga and Berea maps.

#### Middle Kittanning Coal Structure

- The Middle Kittanning coal structure indicates no faults, but changes in strike are consistent with trends observed on both the EGSP Onondaga and Berea maps.

#### Upper Freeport Coal Structure

- Nothing of note.

#### Pittsburgh Coal Structure

- Nothing of note.

#### Bedrock Geology

- The top of bedrock for the permit application is the Upper Pennsylvanian Monongahela Group.

#### Bedrock Topography

- The bedrock topography map indicates the permit application is mapped in a northwest-southeast trending topographic low.

#### EGSP Aerial Photo Lineament

- Numerous lineaments generally less than 1 mile in length have been interpreted from aerial photos by Gray and others (1982) over and in the immediate vicinity of the permit application with 2 dominant directions oriented northwest-southeast and northeast-southwest.

#### EGSP LANDSAT Lineament

- Three main lineament trends are in the area of the permit application. Less than 1 mile east of the permit application, a lineament trends Northwest-southeast.
- Located just over 1 mile northeast is a northeast-south west trending lineament.
- Less than 2 mile to the northwest, a north-northwest trending lineament.

#### Mason Lineament

- One mile southwest of the permit application, a lineament strikes at N 35° W. This lineament is consistent with the northwest southeast trending topographic low in the area.
- Approximately 6 miles due west of the permit application is a lineament which strikes at N 60° W.
- Approximately 10 miles due east of the proposed well location a lineament strikes at N 5° W.

#### Oil and gas fields

- Production in the study area is in the Pennsylvanian, Berea, and Devonian Shale. The nearest production is in the Berea. To the south, many production areas have an extent parallel to Mason's (1999) lineaments. Some extents producing fields also have extents which coincide with EGSP LANDSAT lineaments (Gray and others, 1982).

#### Earthquakes

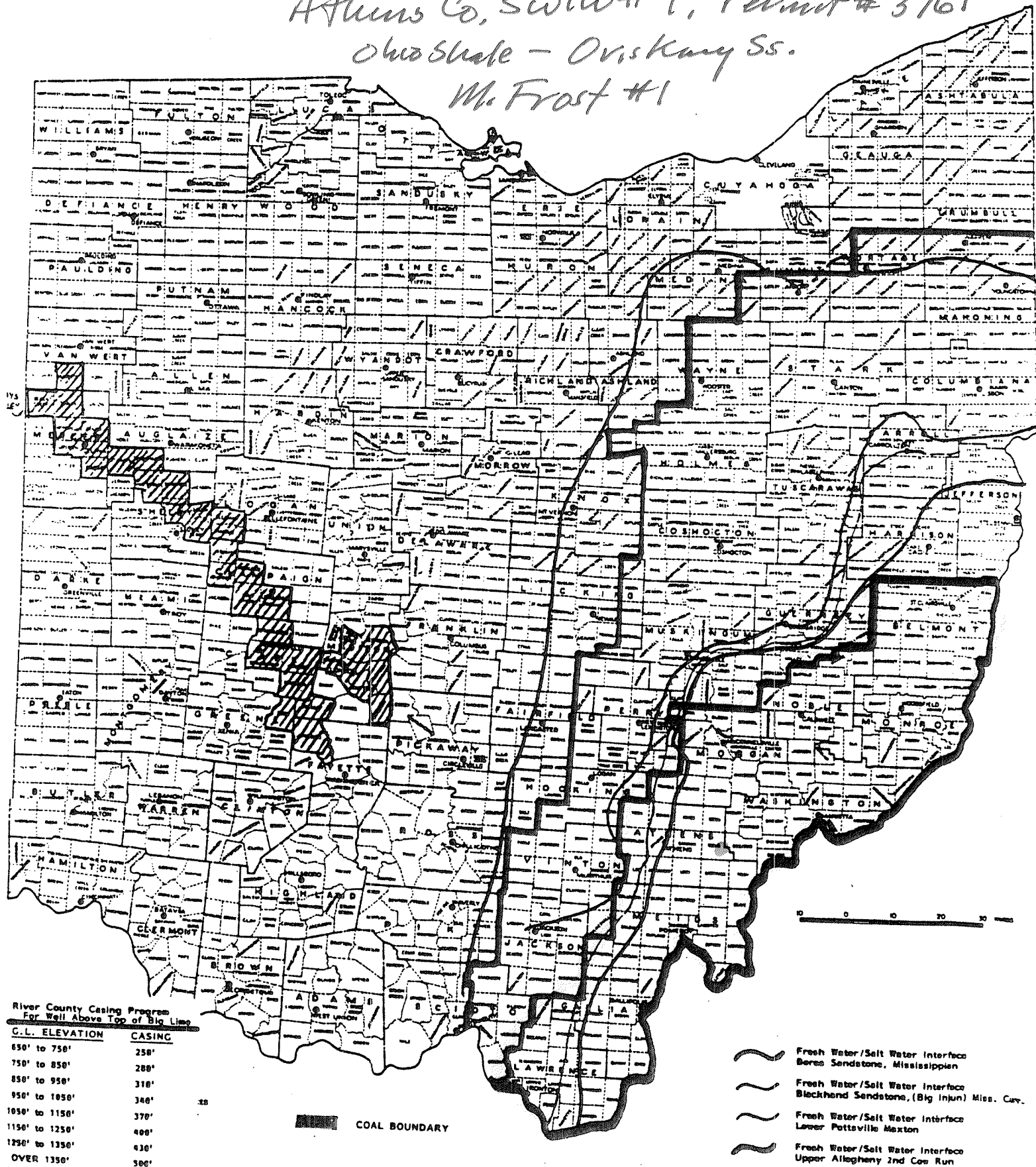
- The closet earthquake occurred approximately 20 miles southwest of the proposed well location. The earthquake occurred in 1926 and had a magnitude of 3.6.

#### Injection Wells

- There are 9 SWD (active salt water disposal) wells within area that are injecting in the Queenston Shale, Ohio Shale, Bedford Shale, and Berea Sandstone. The nearest injection well is a SWD well approximately 3 miles west of the permit application.
- There 7 ISWD (inactive salt water disposal) wells. These wells injected in to the Queenston Shale, Ohio Shale, Bedford Shale, and Berea Sandstone.
- There is 1 EOR (enhanced oil recovery) well.
- There is 1 IEOR (inactive enhanced recovery) well.

To summarize, the Starr fault system is the closest known fault, and is approximately 21 mile to the northwest (Baranoski, 2002). Lineaments in the vicinity coincide with small structural variations seen in the EGSP Onondaga and Berea maps (Gray and others, 1982), oil and gas field extents, and drainage patterns. The closet earthquake occurred approximately 20 miles southwest of the proposed well location. The earthquake occurred in 1926 and had a magnitude of 3.6. There are currently 9 SWD wells injecting in the Queenston Shale, Ohio Shale, Bedford Shale, and Berea Sandstone.

Athens Co, SWW #9, Permit # 3761  
Ohio Shale - Oriskany Ss.  
Mt. Frost #1



River County Casing Program  
For Well Above Top of Big Lime

G.L. ELEVATION	CASING
650' to 750'	258'
750' to 850'	288'
850' to 950'	318'
950' to 1050'	348'
1050' to 1150'	378'
1150' to 1250'	408'
1250' to 1350'	438'
OVER 1350'	508'

COAL BOUNDARY

- ~~~~~ Fresh Water/Salt Water Interface  
Berea Sandstone, Mississippian
- ~~~~~ Fresh Water/Salt Water Interface  
Blackhand Sandstone, (Big Injun) Miss. Cav.
- ~~~~~ Fresh Water/Salt Water Interface  
Lower Pottsville Maxton
- ~~~~~ Fresh Water/Salt Water Interface  
Upper Allegheny 2nd Coa Run



Operator: D.T. Atha Inc.

County: Athens

Township: Rome

P&A	FM	Permit Number	Casing/Cement Program	Well log and/or Method of Plug
<input type="checkbox"/>	Orinskany/ Ohio Shale		Proposed well/Conversion.	DTD= 3800'; Casing & tubing: 11.75" @ 40'; 8.625" @ 1330 with 350 sacks; 4.5" @ 3772' with 350 sacks. Calculated cement fill-up+1813'. TOC= 1342' by CBL
<input checked="" type="checkbox"/>	Orinskany/ Ohio Shale	22299	DTD= 2150'; Casing and Tubing: 7" @ 250' -circulated to surface; 4 1/2" with 60 sacks with 1741' left in well. Note: Show of gas at 1703'-1711' (Berea). Plugged and abandoned (6-19-84); Reissue plug & abandon (7-12-84); permit expired (01-08-85).	
<input type="checkbox"/>	Orinskany/ Ohio Shale	23764	DTD= 4015'; Casing & Tubing: 11 3/4" @ 45'; 8 5/8" at 1466' with 368 sacks; 4 1/2" @ 3963' with 200 sacks. Calculated fill-up is 1036'. TOC= 2927'	
<input checked="" type="checkbox"/>	Berea S	20649	TD= 1505 1/2'; Surveyed on 7-10-43, abandoned on 3-3-44. Plugging details-unreadable.	
<input checked="" type="checkbox"/>	Maxton Sand	20812	DT= 1000'; Plugged (08-20-47) as follows: "Filled through the sand with red clay set wood F clay @ 890' and F clay -filled @ 100' with clay and sand plugging; Buclyed(?) hole @ 100' and filled to top.	
<input type="checkbox"/>	Ohio shale	22434	Permit expired.	
<input type="checkbox"/>	Orinskany/ Ohio Shale	23761	DTD= 3800'; Casing & Tubing: 11.75" @ 40; 8.625" @ 1330 with 350 sacks; 4.5" with 200 sacks; Change of owner on 8-8-09.	
<input type="checkbox"/>		61350	No data. Shallow well.	
<input type="checkbox"/>		61351	No data. Shallow well.	
<input type="checkbox"/>		61352	No data. Shallow well.	

**Note: Proposed injection well should be circumscribed with appropriate radius and all wells clearly labeled and identified. A legend depicting color code is required.**

---

**61353** No data. Shallow well.



---

**20604** TD= 1039'. Casing record- 8 1/4" @ 240'; 6 5/8" @ 540'; 5 3/16" @ 905'.  
Shallow well.



---

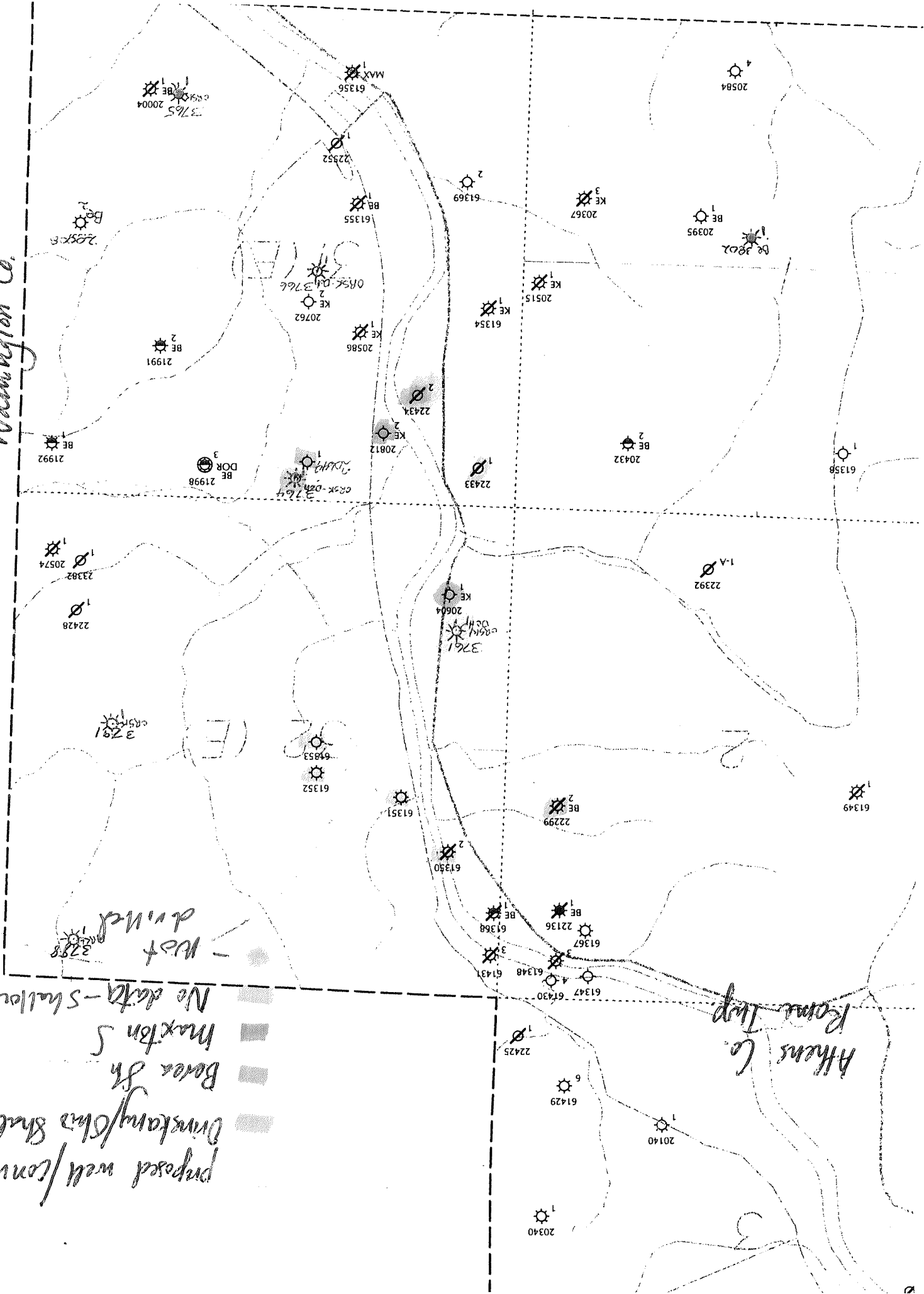
***Note: Proposed injection well should be circumscribed with appropriate radius and all wells clearly labeled and identified. A legend depicting color code is required.***

proposed well/conversion  
 Driveway/Ohio shale  
 Baras Sh  
 Maxton S  
 No data - shallow well

- Not drilled

Decatur Twp.  
 Washington Co.

Athens Co.  
 Rome Twp.



3765 20004 BE 1

22525 BE 1

21991 BE 2

21992 BE 1

21998 DOR 3

23382 20574 1

22428 1

3761

61353

61352

61351

61350

61368 BE 1

61367 BE 1

61348 4

61347 4

61430 6

61429 6

20140 1

20340 1

61356 MAX 1

22552 1

61355 BA 1

ORSH OH 3766 KE 2

20762 KE 2

20586 KE 1

22434 2

20812 KE 2

22433 1

20604 KE 1

22299 BE 2

22425 1

61368 BE 1

61367 BE 1

61348 4

61347 4

61430 6

61429 6

20140 1

20340 1

20584 4

61369 2

20367 KE 3

20395 BE 1

20515 KE 1

61354 KE 1

20432 BE 2

61358 1

22392 1-A

61349 1



Ohio Department of Natural Resources  
Division of Mineral Resources Management  
2045 Morse Road  
Building H-3  
Columbus, Ohio 43229-6693

March 1, 2012

Mr. Tom Tomastik

Dear Tom,

I believe I've got my act together this time. Please find enclosed a Salt Water Injection Well Affidavit, a revised Supplement To Application to convert the M. Frost #1 (PN 3761/Athens/Rome) to Class II disposal, and the Restoration Plan. Also enclosed are cement tickets and bond log for the Humphrey #1 (PN 9669), as well as the most recent Frost bond log we ran after the last cement squeeze. Hopefully all is in order now.

Sincerely,

Dave Atha  
D.T. Atha, Inc.

encl

RECEIVED  
MAR 6 2012  
Division of Oil and Gas  
Resources Management