



DEPARTMENT OF THE ARMY
MOBILE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, AL 36628-0001

CESAM-RD-I
PUBLIC NOTICE NO. SAM-2007-1492-NSB

SEP 18 2007

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF POLLUTION CONTROL

**REQUEST FOR THE FILLING OF WATERS OF THE UNITED STATES FOR THE
CONSTRUCTION OF A NATURAL GAS STORAGE FACILITY NEAR THE CITY OF
AMORY, MONROE COUNTY, MISSISSIPPI**

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 USC 1344). Please communicate this information to interested parties.

APPLICANT: Monroe Gas Storage Company, LLC
707 17 Street
Suite 3020
Denver, CO 80202

PROJECT LOCATION: The project is located near the Tennessee Tombigbee Waterway, at latitude 34.01513' North and longitude 88.45984 West, in Monroe County, Mississippi, approximately 2.5 miles northeast of the City of Amory.

WORK DESCRIPTION: The applicant is proposing to construct a natural gas storage facility in Monroe County, Mississippi.

The project will consist of:

- 1) Nine new natural gas injection/withdrawal wells;
- 2) Conversion of five existing natural gas production wells to observation wells;
- 3) Approximately 2.0 miles of gathering pipelines of 12- and 18-inch diameters;
- 4) An integrated compressor station/control facility comprised of three 4,735 brake horsepower (bhp) natural gas fueled engines driving reciprocating compressors equipped with air intake filters/silencers, critical grade exhaust silencer/catalyst, a glycol dehydration system, control and safety systems, and associated facilities;

- 5) **An approximate 5.7 mile long, 24-inch diameter lateral pipeline (referred to herein as the TETCO lateral) connecting the compressor station with the Texas Eastern Transmission Corp. (TETCO) pipeline;**
- 6) **An approximate 17.2 mile long, 24-inch diameter lateral pipeline (referred to herein as the TGP lateral) connecting the compressor station with the Tennessee Gas Pipeline Company (TGP) pipeline, including two isolation block valves within the pipeline right-of-way; and**
- 7) **Two metering and regulation (M&R) stations, one at each interconnection point of the TETCO and TGP laterals with the TETCO and TGP pipeline systems.**

The storage field will be located entirely within land developed by Grace Petroleum, known as the Four Mile Creek Gas Storage Field.

The MGSP will impact 262.8 acres of land during construction, with 149.1 acres permanently affected. Approximately 61.7 acres of wetlands will be impacted during construction, with 27.2 acres permanently affected during operation. A total of 19 waterbodies (both open water and wetlands) will be crossed by the TETCO lateral. The horizontal directional drill (HDD) method will minimize the impact on 12 of those waterbodies. The TGP lateral will cross 58 waterbodies, with 6 being avoided by HDD.

The applicant's mitigation plan will consist of preservation and restoration of previously affected wetlands located within the same watershed as the proposed project.

The applicant has applied for certification from the State of Mississippi in accordance with Section 401(a)(1) of the Clean Water Act, and upon completion of the required advertising, a determination relative to certification will be made.

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the U.S. Army Corps of Engineers can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and use of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water

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supply and conservation, water quality, energy needs, safety, food production, and in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing.

Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

In accordance with Section 106 of the National Historic Preservation Act, and Appendix C of 33 CFR 325, the undertaking defined in this notice is being considered for the potential to effect cultural and historic properties within the permit area. Although the extent of federal control and responsibility for these considerations are confined to the limits of the permit area for this particular project, the potential indirect effects that may occur to historic properties as a result of this undertaking are also being considered. We are seeking comment from the State Historic Preservation Officer, federally-recognized American Indian tribes, local historical societies, museums, universities, the National Park Service, and concerned citizens regarding the existence or the potential for existence of significant cultural and historic properties within the permit area. Historic architectural or archaeological investigations may be necessary to ascertain the existence of such resources. Efforts will be made through the consultation process to avoid, minimize, or mitigate any adverse effects to significant cultural and historic properties that may occur as a result of this undertaking. The district engineer remains the final decision authority.

Preliminary endangered species surveys have been conducted to determine the presence of Federally listed species or critical habitat. These surveys are being provided to the U.S. Fish and Wildlife service in accordance with the provisions of the Federal Endangered Species Act, to insure that the proposed activities will not adversely affect any listed or proposed species.

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Correspondence concerning this Public Notice should refer to Public Notice Number SAM-2007-2007-0036-NSB and should be directed to:

District Engineer
U.S. Army Engineer District, Mobile
218 Summit Parkway, Suite 222
Homewood, AL 35209

with a copy to the:

Mississippi Department of Environmental Quality
Office of Pollution Control
Post Office Box 10385
Jackson, Mississippi 39289

Comments should be received no later than **30 days** from the date of this Public notice.

If you have any questions concerning this publication, you may contact the project manager, Mr. Nicholas Baggett, via e-mail at nicholas.s.baggett@usace.army.mil or telephone number (662) 327-2142. Please refer to the above Public Notice number.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/RD/reg, and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

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MOBILE DISTRICT
U.S. Army Corps of Engineer



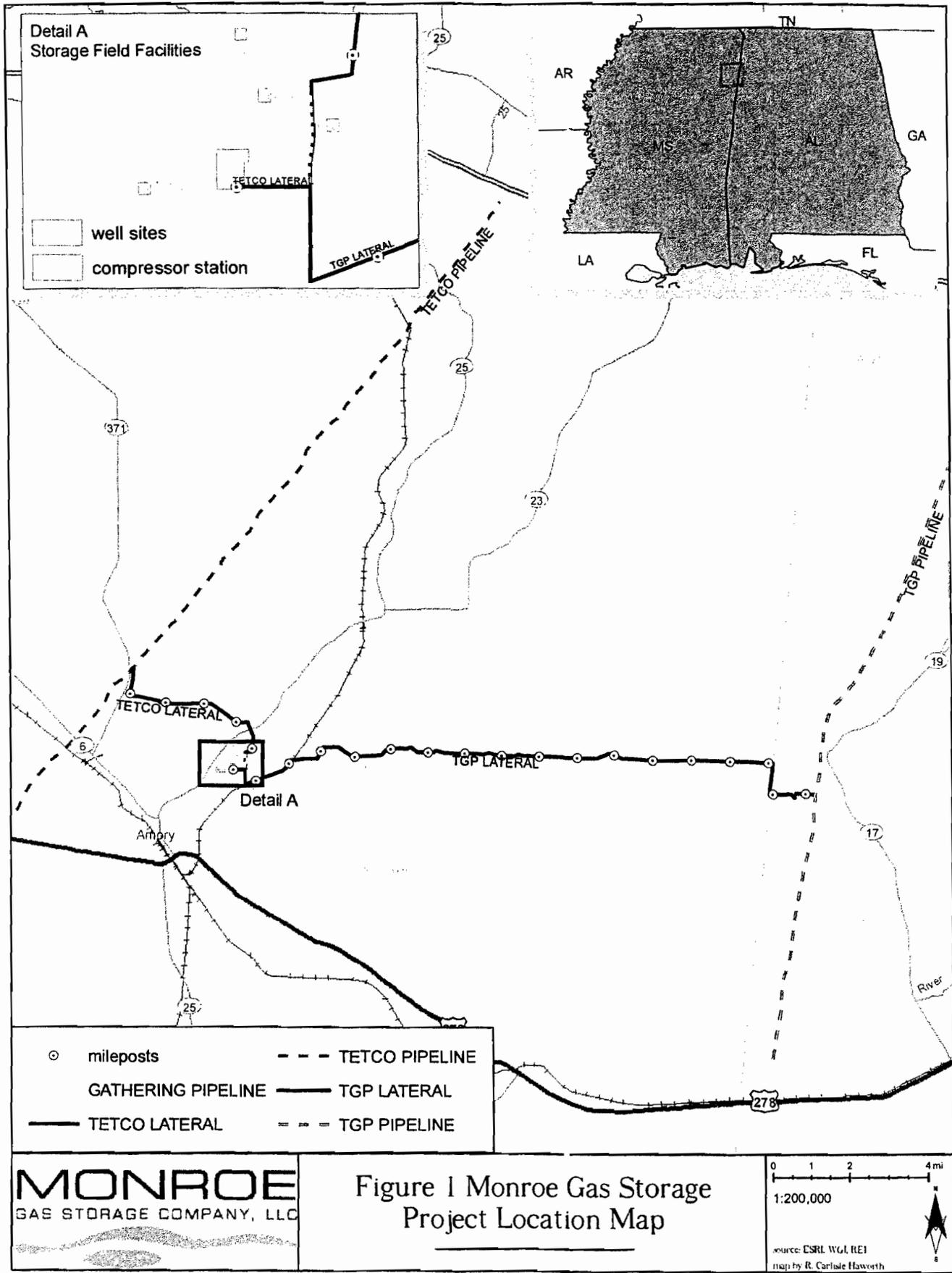
Project Description

The Monroe Gas Storage Project (MGSP) is a newly proposed natural gas storage facility being developed by Monroe Gas Storage Company (MGSC) in Monroe County, Mississippi, approximately 2.5 miles northeast of the City of Amory. The MGSP will consist of the conversion of an existing, but depleted, natural gas well field developed by Grace Petroleum, known variously as Four Mile or Fourmile Creek Gas Storage Field, to natural gas storage service. When complete, the MGSP will provide approximately 12.0 billion cubic feet (Bcf) working gas storage capacity with approximately 4.46 Bcf of base gas. It will be capable of receiving and injecting gas at maximum rates of up to 445 million standard cubic feet per day (MMscf/d) and withdrawing and delivering gas at maximum rates of up to 465 MMscf/d.

The MGSP will consist principally of:

- Nine new natural gas injection/withdrawal wells;
- Conversion of five existing natural gas production wells to observation wells;
- Approximately 2.0 miles of gathering pipelines of 12- and 18-inch diameters;
- An integrated compressor station/control facility comprised of three 4,735 brake horsepower (bhp) natural gas fueled engines driving reciprocating compressors equipped with air intake filters/silencers, critical grade exhaust silencer/catalyst, a glycol dehydration system, control and safety systems, and associated facilities;
- An approximate 5.7 mile long, 24-inch diameter lateral pipeline (referred to herein as the TETCO lateral) connecting the compressor station with the Texas Eastern Transmission Corp. (TETCO) pipeline;
- An approximate 17.2 mile long, 24-inch diameter lateral pipeline (referred to herein as the TGP lateral) connecting the compressor station with the Tennessee Gas Pipeline Company (TGP) pipeline, including two isolation block valves within the pipeline right-of-way; and
- Two metering and regulation (M&R) stations, one at each interconnection point of the TETCO and TGP laterals with the TETCO and TGP pipeline systems.

The MGSP storage field will be located entirely within land developed by Grace Petroleum, known as the Four Mile Creek Gas Storage Field. MGSC has acquired the subsurface rights and will variously lease and own the land rights required for the above ground portions of the MGSP. The TETCO lateral commences at the compressor station and extends northwest to the TETCO interstate natural gas pipeline system. The TGP lateral commences at the compressor station and continues east to the TGP interstate natural gas pipeline system.



MONROE
GAS STORAGE COMPANY, LLC

Figure 1 Monroe Gas Storage Project Location Map

0 1 2 4 mi
1:200,000

source: ESRI WGL RE1
map by R. Carlisle Haworth



**Monroe Gas Storage Project
USACE Joint Application and Notification**

TABLE 1 Surface Waterbodies Crossed by the Monroe Gas Storage Project						
County C/L Milepost	Waterbody Name	Waterbody ID	Type ^(a)	Crossing Width (Feet)	State Water Use Classification ^(b)	Proposed Construction Crossing Method ^(c)
Compressor Station Site						
-	-	-	-	-	-	-
Wells and Gathering Pipelines						
Gathering pipeline from MGS-3-E-V to MGS-6-E-H/ MGS-7-E-H	Unnamed Stream	SA101-4	I	0	B	-
MGS-04	Unnamed Stream	SA223	I	10	B	-
TETCO Lateral						
0.5	Unnamed Stream	SA101-1	I	3	B	OC
1.2	Unnamed Stream	SA104-1	I	9	B	OC
1.6	Turner Branch, West	SA111	P	15	B	OC
1.7	Unnamed Stream	SA113	I	16	B	OC
2.4	Unnamed Stream	SA117-2	P	13	B	HDD ^(d)
2.4	Tennessee- Tombigbee Waterway	WR118	P	450	B	HDD ^(d)
2.6	Unnamed Stream	SA121	I	8	B	HDD ^(d)
2.7	Unnamed Stream	SA123	I	5.5	B	HDD ^(d)
2.7	Unnamed Impoundment	WR125-1	Impoundment/ Wetland	45	B	HDD ^(d)
2.8	Unnamed Stream	SA128-1	I	4.5	B	OC
4.2	Unnamed Stream	SA132	I	9.5	B	HDD ^(e)
4.2	Unnamed Stream	SA135	I (Dry)	11.5	B	HDD ^(e)
4.3	Unnamed Stream	SA134	I (Dry)	10	B	HDD ^(e)
4.4	Tombigbee River	WR133	P	130	B	HDD ^(e)
4.5	Unnamed Stream	SA137	I	14	B	OC
4.8	Unnamed Stream	SA144-1	I	1.5	B	OC
5.1	Unnamed Slough	WA146	PEM Wetland	365	B	HDD ^(f)
5.1	Unnamed Stream	SA146-1	I	5	B	HDD ^(f)
5.4	Unnamed	SA148	I	0.5	B	HDD ^(f)



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TABLE 1 Surface Waterbodies Crossed by the Monroe Gas Storage Project						
County C/L Milepost	Waterbody Name	Waterbody ID	Type ^(a)	Crossing Width (Feet)	State Water Use Classification ^(b)	Proposed Construction Crossing Method ^(c)
	Stream					
TGP Lateral						
0.7	Unnamed Pond	WR101-3	Pond	45	B	OC
1.7	Unnamed Stream	SA150-2	P	9	B	OC
1.7	Unnamed Tributary of Turner Branch	SA150-3	I	0.1	B	OC
1.9	Unnamed Stream	SA154	I	5.25	B	OC
2.1	Unnamed Stream	SA156-1	I	3	B	OC
2.2	Unnamed Stream	SA159	I	6.75	B	OC
3.3	Unnamed Stream	SA227-1	I	3	B	OC
3.4	Unnamed Stream	SA228	I	4	B	OC
3.5	Unnamed Stream	SA229-1	I	2	B	OC
3.6	Unnamed Pond	WR230	Pond	30	B	OC
3.8	Unnamed Stream	SA235	I	3	B	OC
4.8	Unnamed Stream	SA236-1	I	1	B	OC
4.9	Unnamed Stream	SA238	I	12	B	OC
5.2	Unnamed Stream	SA240-1	I	3	B	OC
5.8	Unnamed Stream	SA244	I	3	B	OC
6.1	Unnamed Stream	SA247	I	2	B	OC
6.5	Unnamed Stream	SA165	I	0.5	B	OC
6.5	Unnamed Stream	SA169	I	1.75	B	OC
6.5	Unnamed Stream	SA170	I	3.75	B	OC
6.7	Unnamed Stream	SA173-1	I	1.5	B	OC
7.1	Unnamed Stream	SA174	I	2.25	B	OC
7.3	Unnamed Stream	SA176	I	0	B	OC
7.4	Unnamed Stream	SA178	I	0	B	OC
7.7	Unnamed Stream	SA182	I	3	B	OC
7.9	Unnamed	SA183	I (Dry)	0.5	B	OC



**Monroe Gas Storage Project
USACE Joint Application and Notification**

TABLE 1 Surface Waterbodies Crossed by the Monroe Gas Storage Project						
County C/L Milepost	Waterbody Name	Waterbody ID	Type ^(a)	Crossing Width (Feet)	State Water Use Classification ^(b)	Proposed Construction Crossing Method ^(c)
	Stream					
8.1	Unnamed Stream	SA184	I (Dry)	0.25	B	OC
8.1	Unnamed Stream	SA185	I	2.25	B	OC
8.1	Unnamed Stream	SA186	I	0.5	B	OC
8.2	Unnamed Stream	SA187	I	2	B	OC
8.4	Unnamed Stream	SA188	I	0.5	B	OC
8.6	Unnamed Stream	SA192	I	2	B	OC
8.7	Unnamed Stream	SA194	I	3	B	OC
8.9	Unnamed Stream	SA195	I	1.5	B	OC
8.9	Unnamed Stream	SA196	I	1.5	B	OC
9.0	Unnamed Stream	SA199	I (Dry)	0	B	OC
9.5	Weaver Creek	SA201	P	11	B	HDD ^(g)
9.8	Unnamed Stream	SA202	I	0	B	OC
10.2	Unnamed Stream	SA203	I	0	B	OC
10.3	Unnamed Pond	WR204	Pond	50	B	OC
10.3	Unnamed Stream	SA205	I	0.25	B	OC
11.0	Unnamed Stream	SA206	I	2	B	OC
11.2	Unnamed Stream	SA208-1	I	13	B	OC
11.3	Unnamed Stream	SA209-4	I	2	B	OC
11.6	Splunge Creek	SA209-5	P	16	B	HDD ^(g)
11.6	Unnamed Pond	WR209-7	Pond	2	B	HDD ^(g)
11.6	Unnamed Pond	WR209-8	Pond	6	B	HDD ^(g)
11.8	Unnamed Stream	SA210	I	2	B	HDD ^(g)
12.2	Unnamed Stream	SA211	I	6	B	OC
12.6	Unnamed Stream	SA212	I	7	B	OC
12.8	Unnamed Stream	SA213	I	0	B	OC
13.0	Unnamed Stream	SA214	I	2	B	OC
13.4	Unnamed Stream	SA215-1	I	2	B	OC
13.6	Unnamed Stream	SA216	I	10	B	OC
13.7	Unnamed	SA217	I	0	B	OC

**TABLE 1
Surface Waterbodies Crossed by the
Monroe Gas Storage Project**

County C/L Milepost	Waterbody Name	Waterbody ID	Type ^(a)	Crossing Width (Feet)	State Water Use Classification ^(b)	Proposed Construction Crossing Method ^(c)
	Stream					
13.8	Unnamed Stream	SA218	I	0	B	OC
14.2	Unnamed Stream	SA219-2	I	5	B	OC
14.3	Unnamed Stream	SA220	I (Dry)	0	B	OC
15.6	Sipsey Creek	- ^(h)	P	15	I	HDD

(a) Water Type:
I = Intermittent
P = Perennial

(b) Mississippi Department of Environmental Quality (MDEQ) Water Use Classifications:
A = Recreation
B = Fish and Wildlife
C = Public Water Supply
D = Ephemeral
E = Shellfish Harvesting

Alabama Department of Environmental Management (ADEM) Water Use Classifications:
F=Outstanding Alabama Water
G=Public Water Supply
H=Shellfish Harvesting
I=Fish and Wildlife
J=Swimming and Other Whole Body Water Contact Sports
K=Limited Warmwater Fishery
L=Agricultural and Industrial Water Supply

(c) Construction method proposed by Monroe Gas Storage Company to install pipeline across water body.
OC = Open Cut
HDD = Horizontal Directional Drill

(d) Multiple waterbodies crossed by Tennessee-Tombigbee Waterway HDD

(e) Multiple waterbodies crossed by Tombigbee River HDD

(f) Multiple waterbodies crossed by Unnamed Slough HDD

(g) Multiple waterbodies crossed by Splunge Creek HDD

(h) Due to survey permission, accurate survey data could not be obtained. Width of Sipsey Creek is estimated.



**Monroe Gas Storage Project
USACE Joint Application and Notification**

TABLE 2 Wetlands Affected by the Monroe Gas Storage Project						
MP Start	MP End	Wetland ID (From Field Delineation)	Wetland Type ^(a)	Wetland Construction Area Affected (Acres)		Wetland Permanent Area Affected (Acres) ^(b)
				Forested	Non-Forested	
Wells MGS-1-W-H/ MGS-2-W-H						
-	-	-	-	-	-	-
Well MGS-3-E-V						
-	-	-	-	-	-	-
Wells MGS-4-E-V/ MGS-8-E-H						
-	-	WA101	PEM	-	1.6	1.2
Wells MGS-5-E-V/ MGS-9-E-H ^(c)						
-	-	-	-	-	-	-
Wells MGS-6-E-H/ MGS-7-E-H						
-	-	WA101	PFO	1.9	0.0	1.5
Well MGS-O1						
-	-	-	-	-	-	-
Well MGS-O2 ^(c)						
-	-	-	-	-	-	-
Well MGS-O3 ^(d)						
-	-	-	-	-	-	-
Well MGS-O4						
-	-	-	-	-	-	-
Well MGS-O5						
-	-	-	-	-	-	-
Gathering Pipeline from MGS-3-E-V to MGS-6-E-H/ MGS-7-E H Site Boundary						
-	-	WA101	PEM	0.0	0.3	0.0
-	-	WA101	PFO	0.4	0.0	0.2
-	-	SA101-4	OWH ^(e)	-	-	-
Gathering Pipeline from MGS-6-E-H/ MGS-7-E-H Site Boundary to TETCO Lateral Boundary						
-	-	WA101	PFO	0.8	0.0	0.5
-	-	WA102	PFO ^(f)	0.2	0.0	0.1
Gathering Pipeline from MGS-1-W-H/ MGS-2-W-H to Compressor Station Boundary						
-	-	WA101	PFO	1.5	0.0	0.9
Gathering Pipeline from MGS-4-E-V/ MGS-8-E-H to TETCO Lateral Boundary						
-	-	WA102	PEM	0.0	0.3	0.0
TOTAL WETLANDS ACRES FOR STORAGE FIELD FACILITIES				4.8	2.2	4.4
PERCENT OF TOTAL STORAGE FIELD FACILITIES				37%	17%	48%
Compressor Station						
-	-	WA101	PFO	12.9	0.0	12.9
TOTAL WETLANDS ACRES FOR THE COMPRESSOR STATION				12.9	0.0	12.9
TETCO M&R Station						
-	-	-	-	-	-	-
TGP M&R Station						
-	-	-	-	-	-	-



**Monroe Gas Storage Project
USACE Joint Application and Notification**

**TABLE 2
Wetlands Affected by the Monroe Gas Storage Project**

MP Start	MP End	Wetland ID (From Field Delineation)	Wetland Type ^(a)	Wetland Construction Area Affected (Acres)		Wetland Permanent Area Affected (Acres) ^(b)
				Forested	Non-Forested	
Co-located TETCO and TGP Laterals						
0.0	0.3	WA101	PFO	2.5	0.0	1.0
TOTAL WETLAND ACRES FOR CO-LOCATED PORTIONS OF TETCO AND TGP LATERALS				2.5	0.0	1.0
TETCO Lateral						
0.3	0.3	WA101	PFO	1.1	0.0	0.4
0.3	0.5	WA101	PSS	0.0	0.0	0.0
0.5	0.5	SA101-1	OWH ^(e)	-	-	-
0.5	0.6	WA102	PEM	0.0	0.9	0.0
0.6	0.8	WA102	PFO ^(f)	1.3	0.0	0.7
0.8	0.8	WA102	PFO	0.1	0.0	0.1
0.8	0.9	WA102	PEM	0.0	0.1	0.0
0.9	0.9	WA102	PEM ^(f)	0.0	0.2	0.0
1.2	1.2	SA104-1	OWH ^(e)	-	-	-
1.2	1.3	WA104	PEM ^(f)	0.0	0.2	0.0
1.4	1.4	WA106	PEM ^(f)	0.0	0.1	0.0
1.4	1.4	WA106	PSS ^(f)	0.0	0.2	0.0
2.1	2.3	WA117	PSS	0.0	1.3	0.0
2.8	3.7	WA128	PFO	2.7	0.0	1.6
2.8	3.8	WA128	PSS	0.0	4.9	0.0
2.8	2.8	SA128-1	OWH ^(e)	-	-	-
3.7	3.8	WA128	PEM	0.0	0.3	0.0
3.8	3.8	WA129	PFO	0.1	0.0	0.1
4.0	4.2	WA130	PFO	0.0	0.0	0.0
4.5	4.5	WA136	PFO ^(f)	0.0	0.0	0.0
4.6	4.6	WA138	PSS ^(f)	0.0	0.1	0.0
4.6	4.6	WA140	PSS ^(f)	0.0	0.0	0.0
4.8	4.8	SA144-1	OWH ^(e)	-	-	-
4.8	4.8	WA144	PFO	0.2	0.0	0.1
5.0	5.1	WA145	PEM ^(f)	0.0	0.3	0.0
TOTAL WETLANDS ACRES FOR TETCO LATERAL ^(g)				5.5	8.6	3.0
PERCENT OF TOTAL TETCO LATERAL ^(g)				20%	23%	15%
TGP Lateral						
0.3	0.9	WA101	PFO	4.7	0.0	1.7
0.7	0.7	WR101-3	OWH ^(h)	-	-	-
0.9	0.9	WA101	PSS	0.0	0.7	0.0
0.9	1.0	WA101	PFO	0.5	0.0	0.2
1.2	1.4	WA149	PFO ^(f)	0.9	0.0	0.3
1.3	1.3	WA149	PSS	0.0	0.1	0.0
1.6	1.7	WA150	PFO	0.8	0.0	0.2
1.7	1.7	SA150-2	OWH ^(e)	-	-	-
1.7	1.7	SA150-3	OWH ^(e)	-	-	-
1.8	1.8	WA153	PEM ^(f)	0.0	0.0	0.0
1.8	1.8	WA153	PFO ^(f)	0.2	0.0	0.1
2.0	2.1	WA156	PFO	0.4	0.0	0.2
2.1	2.1	SA156-1	OWH ^(e)	-	-	-

TABLE 2 Wetlands Affected by the Monroe Gas Storage Project						
MP Start	MP End	Wetland ID (From Field Delineation)	Wetland Type ^(a)	Wetland Construction Area Affected (Acres)		Wetland Permanent Area Affected (Acres) ^(b)
				Forested	Non-Forested	
2.3	2.4	WA158	PSS	0.0	1.8	0.0
3.3	3.3	SA227-1	OWH ^(e)	-	-	-
3.3	3.4	WA227	PFO	0.9	0.0	0.4
3.4	3.6	WA229	PFO	0.4	0.0	0.2
3.5	3.5	WA229-1	OWH ^(e)	-	-	-
4.0	4.2	WA300	PFO	2.3	0.0	1.1
4.2	4.3	WA301	PFO	0.9	0.0	0.4
4.8	4.8	WA236	PFO	0.1	0.0	0.1
4.8	4.8	SA236-1	OWH ^(e)	-	-	-
5.2	5.2	WA240	PEM ^(f)	0.0	0.3	0.0
5.2	5.2	SA240-1	OWH ^(e)	-	-	-
5.3	5.3	WA243	PEM ^(f)	0.0	0.0	0.0
6.6	6.7	WA173	PEM	0.0	0.6	0.0
6.7	6.7	SA173-1	OWH ^(e)	-	-	-
11.2	11.2	SA208-1	OWH ^(e)	-	-	-
11.2	11.3	WA208	PFO	0.2	0.0	0.1
11.3	11.4	WA209	PFO	0.9	0.0	0.5
11.4	11.4	SA209-4	OWH ^(e)	-	-	-
13.4	13.4	SA215-1	OWH ^(e)	-	-	-
13.4	13.4	WA215	PFO	0.1	0.0	0.0
14.2	14.2	SA219-2	OWH ^(e)	-	-	-
14.2	14.2	WA219	PSS ^(f)	0.0	0.0	0.0
14.2	14.2	WA219	PFO ^(f)	0.2	0.0	0.1
15.2	15.4	N/A	PFO	1.0	0.0	0.3
TOTAL WETLANDS ACRES FOR TGP LATERAL⁽ⁱ⁾				14.5	3.5	5.9
PERCENT OF TOTAL TGP LATERAL⁽ⁱ⁾				12%	2%	7%
TOTAL WETLANDS FOR BOTH LATERALS^(j)				22.5	12.1	9.9
TOTAL WETLANDS (EXCLUDING ATWS)^(k)				40.2	14.3	27.2

TABLE 2 Wetlands Affected by the Monroe Gas Storage Project						
MP Start	MP End	Wetland ID (From Field Delineation)	Wetland Type ^(a)	Wetland Construction Area Affected (Acres)		Wetland Permanent Area Affected (Acres) ^(b)
				Forested	Non-Forested	
<p>(a) Key: PEM – Palustrine Emergent (Do not have permanent impact – will be allowed to revert back to natural state) PSS – Palustrine Scrub Shrub PFO – Palustrine Forested OWH – Open Water Habitat (within wetlands, acres not counted in wetlands total)</p> <p>(b) Permanent conversion of forested wetlands to non-forested shrub-scrub and emergent wetlands will result from maintenance of a 30-foot permanent right-of-way centered over the pipeline. Well site and compressor station permanent acres affected will not be allowed to convert to a wetland state.</p> <p>(c) Located on compressor station site. Total acres of wetlands reflected in the compressor station totals.</p> <p>(d) Located on the MGS-6-E-H/ MGS-7-E-H well site location. Total acres of wetlands reflected in the totals for wells MGS-6-E-H/ MGS-7-E-H.</p> <p>(e) Stream - Crossing length included in Table 2.1-1. Located inside wetland. Areas not included in wetlands total.</p> <p>(f) These wetlands are of low quality. All other wetlands disturbed by the MGSP are of moderate to high quality.</p> <p>(g) Total TETCO lateral acres does not include the wetland area (2.5 acres) for the "co-located laterals" areas.</p> <p>(h) Pond - Crossing length included in Table 2.1-1. Located inside wetland. Areas not included in wetlands total.</p> <p>(i) Total TGP lateral acres does not include the wetland area (2.5 acres) for the "co-located laterals".</p> <p>(j) Total acres for both laterals includes the "co-located laterals" wetland areas (2.5 acres).</p> <p>(k) Total area includes the "co-located laterals" wetland areas (2.5 acres), to accurately portray the proper acres of wetlands for the MGSP.</p>						

TABLE 3 Additional Temporary Workspaces Located in Wetlands					
MP	Reason for ATWS^(a)	Location of ATWS	Wetland Type^(b)	Forested Wetlands (Acres)^(c)	Non-Forested Wetlands (Acres)^(c)
TETCO Lateral					
2.3	HDD Exit	East of Tennessee-Tombigbee Waterway	PSS	0.0	0.6
2.8	HDD Entry	West of Tennessee-Tombigbee Waterway	PFO/ PSS	3.1	-
5.1	HDD Exit	South of Unnamed Slough	PEM	0.0	0.3
TOTAL FOR TETCO LATERAL				3.1	0.9
TGP Lateral					
1.8	Road Bore	Myatt Rd. (East)	PFO	0.1	0.0
2.1	Road Bore	Railroad (West)	PFO	1.1	0.0
3.3	Road Bore	Smithville Rd. (East)	PFO	0.2	0.0
11.3	Road Bore	Jones Rd. (West)	PFO	0.6	0.0
11.3	HDD	Jones Rd. (East) / Splunge Creek (West)	PFO	0.9	0.0
15.5	HDD	Sipsey Creek (West)	PFO	0.3	0.0
TOTAL FOR TGP LATERAL				3.2	0.0
TOTAL FOR TETCO AND TGP LATERALS				6.3	0.9
^(a) ATWS = Additional Temporary Workspace					
^(b) Key: PEM - Palustrine Emergent PSS - Palustrine Scrub Shrub PFO - Palustrine Forested					
^(c) Acres calculated only include the area outside of the 75-foot construction corridor for the lateral.					