BOND, SCHOENECK & KING, PLLC
ATTORNEYS AT LAW ▪ NEW YORK FLORIDA KANSAS

KEVIN M. BERNSTEIN
Direct: 315-218-8329
kbernstein@bsk.com

October 9, 2009

VIA FEDERAL EXPRESS

RECEIVED
OCT 13 2009

Kathleen F. Sanford
Chief, Permits Section
New York State Department of
Environmental Conservation
Division of Mineral Resources
Bureau of Oil and Gas Regulation
625 Broadway, 3rd Floor
Albany, NY 12233-6500

Re: *Finger Lakes LPG Storage, LLC; Application for Underground Liquid Petroleum Gas Storage Permit*

Dear Ms. Sanford:

Thank you once again for meeting with representatives of Inergy Midstream, LLC (Inergy Midstream) and Finger Lakes LPG Storage, LLC (Finger Lakes) for a pre-application meeting on February 19, 2009, in which you and Staff identified the information required to be submitted for Finger Lake's Permit Application, as well as your February 24, 2009 letter to William Moler.

As you know, Finger Lakes (a subsidiary of Inergy Midstream) plans to construct a multi-cycle LPG (liquid propane and butane) storage system with a pipeline connection and rail and truck load/unload racks. LPG (Butane or propane) will be stored in caverns in the Syracuse Salt formation on company owned property. The caverns were created by solution mining salt for consumer use by US Salt. Brine circulated from the caverns will be stored in an above ground pond. All brine will be circulated through a separator with an active flare before being transferred to storage in the pond. LPG will be withdrawn as brine is injected into the cavern.

Enclosed is Finger Lake's Permit Application, which includes the following:

1. Permit application fee in the amount of $10,000.00 made out to the NYS Department of Environmental Conservation ("DEC") (Tab A);
2. Full Environmental Assessment Form ("EAF") (Tab B). For your information, JESS Engineering, PLLC assisted in the preparation of the EAF;

3. Reservoir Suitability Report (Tab C). This report, prepared primarily by John Istvan of International Gas Consultants and Leonard Dionisio of Inergy Midstream, has the information requested, along with the maps required as part of the Application per the February 24, 2009 letter referenced above;
4. Well Status and Condition Report (Tab D);
5. Affidavit of William R. Moler regarding the ownership or imminent acquisition of at least seventy-five percent (75%) of the storage rights within the reservoirs which are the subject of this Application and its buffer (Tab E);
6. Organizational Report (Tab F); and
7. Financial Security for Wells. This has been handled separately with Region 8 and Jenna Dott of your office.

Please note that certain information contained in Finger Lake's Reservoir Suitability Report contain confidential and/or proprietary, trade secret or business information and therefore the entire report should be treated as privileged and confidential and should not be released pursuant to the provisions of 6 NYCRR § 616.7.

Of course, if DEC Staff has any questions or require anything further, please do not hesitate to contact me.

Sincerely,

BOND, SCHOENECK & KING, PLLC

Kevin Bernstein

Kevin M. Bernstein

Enclosures

cc: ***via Federal Express***
Linda Collart, DEC (w/enclosures)
Peter Lent, DEC (w/enclosures)
William Kelly, NYSGS (w/enclosures)
Jennifer Hairie, DEC (w/enclosures)
Jack Dahl, DEC (w/enclosures)
Peter Briggs, DEC (w/enclosures)
William R. Moler, Inergy (w/enclosures)
Barry Cigich, Inergy (w/enclosures)
Michael Armstrong, Inergy (w/enclosures)
Barry Moon, Inergy (w/enclosures)
John Istvan, IGC (w/enclosures)
Leonard Dionisio, Inergy (w/enclosures)

FINGER LAKES LPG STORAGE COMPANY, LLC

Finger Lakes LPG Storage Facility

Underground Storage Permit Application

Table of Contents

Tab A:	Permit Application Fee – check for $10,000 to NYS Department of Environmental Conservation
Tab B:	Full Environmental Assessment Form
Tab C:	Reservoir Suitability Report and Attachments
Tab D:	Well Status and Condition Report
Tab E:	Storage Rights Affidavit
Tab F:	Organizational Report

A

5100

INERGY MIDSTREAM LLC

TWO BRUSH CREEK BLVD
SUITE 200
KANSAS CITY, MO 64112

WACHOVIA

66-21-530

DATE
Sep 30, 2009

AMOUNT
$10,000.00

Pay Ten Thousand Dollars and 00 Cents

to the Order of:

NYS DEPT OF ENVIRONMENTAL CONSERVATION
REGULATORY FEE DETERMINATION UNIT
BOX 5973 GPO
NEW YORK, NY 10087-5973

R. Brooks Sherman, Jr.

⑈5100⑈ ⑆053000219⑆ 2000017266589⑈

FILE COPY - ORIGINAL
TO SAM
10/13/2009
PSB

32-01-3 (8/90)—10f

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

RECEIPT

NUMBER 558202

Region Number JA Date 10-13-09

Location CO Central Office Division Mineral Resources

Received of Finger Lakes LPG Storage, LLC

In the amount of $ 10,000.00

For Underground Storage Fee

☐ Cash Department Representative Samantha Dillist

☑ Check Number 5100 Title Clerk

☐ Money Order

FILE COPY

COPY - THIS IS NOT A VALID RECEIPT

B

617.20
Appendix A
State Environmental Quality Review
FULL ENVIRONMENTAL ASSESSMENT FORM

Purpose: The full EAF is designed to help applicants and agencies determine, in an orderly manner, whether a project or action may be significant. The question of whether an action may be significant is not always easy to answer. Frequently, there are aspects of a project that are subjective or unmeasurable. It is also understood that those who determine significance may have little or no formal knowledge of the environment or may not be technically expert in environmental analysis. In addition, many who have knowledge in one particular area may not be aware of the broader concerns affecting the question of significance.

The full EAF is intended to provide a method whereby applicants and agencies can be assured that the determination process has been orderly, comprehensive in nature, yet flexible enough to allow introduction of information to fit a project or action.

Full EAF Components: The full EAF is comprised of three parts:

Part 1: Provides objective data and information about a given project and its site. By identifying basic project data, it assists a reviewer in the analysis that takes place in Parts 2 and 3.

Part 2: Focuses on identifying the range of possible impacts that may occur from a project or action. It provides guidance as to whether an impact is likely to be considered small to moderate or whether it is a potentially-large impact. The form also identifies whether an impact can be mitigated or reduced.

Part 3: If any impact in Part 2 is identified as potentially-large, then Part 3 is used to evaluate whether or not the impact is actually important.

THIS AREA FOR LEAD AGENCY USE ONLY

DETERMINATION OF SIGNIFICANCE -- Type 1 and Unlisted Actions

Identify the Portions of EAF completed for this project: ☐ Part 1 ☐ Part 2 ☐ Part 3

Upon review of the information recorded on this EAF (Parts 1 and 2 and 3 if appropriate), and any other supporting information, and considering both the magnitude and importance of each impact, it is reasonably determined by the lead agency that:

☐ A. The project will not result in any large and important impact(s) and, therefore, is one which **will not** have a significant impact on the environment, therefore **a negative declaration will be prepared.**

☐ B. Although the project could have a significant effect on the environment, there will not be a significant effect for this Unlisted Action because the mitigation measures described in PART 3 have been required, therefore **a CONDITIONED negative declaration will be prepared.***

☐ C. The project may result in one or more large and important impacts that may have a significant impact on the environment, therefore **a positive declaration will be prepared**.

*A Conditioned Negative Declaration is only valid for Unlisted Actions

Finger Lakes LPG Storage Facility

Name of Action

Town of Reading

Name of Lead Agency

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (If different from responsible officer)

website

Date

PART 1--PROJECT INFORMATION
Prepared by Project Sponsor

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action Finger Lakes Storage Facility

Location of Action (include Street Address, Municipality and County)

State Routes 14 - Route 14A

Name of Applicant/Sponsor Finger Lakes LPG Storage, LLC

Address 800 Robinson Road

City / PO Owego State NY Zip Code 13827

Business Telephone 607-689-0956

Name of Owner (if different)

Address

City / PO State Zip Code

Business Telephone

Description of Action:

See Attached

Please Complete Each Question--Indicate N.A. if not applicable

A. SITE DESCRIPTION

Physical setting of overall project, both developed and undeveloped areas.

1. Present Land Use: ☐ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☑ Rural (non-farm)
   ☐ Forest ☑ Agriculture ☐ Other _____

2. Total acreage of project area: 67 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	26 acres	_____ acres
Forested	20 acres	_____ acres
Agricultural (Includes orchards, cropland, pasture, etc.)	21 acres	_____ acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	_____ acres	_____ acres
Water Surface Area	_____ acres	20 acres
Unvegetated (Rock, earth or fill)	_____ acres	_____ acres
Roads, buildings and other paved surfaces	_____ acres	11 acres
Other (Indicate type) Mowed Stormwater Control	_____ acres	36 acres

3. What is predominant soil type(s) on project site? Lansing
   a. Soil drainage: ☐ Well drained ____% of site ☐ Moderately well drained ____% of site.
   ☑ Poorly drained 100 % of site
   b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? 5 acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site? ■ Yes ☐ No
   a. What is depth to bedrock 2 (in feet)

5. Approximate percentage of proposed project site with slopes:
   ☐ 0-10% ____% ☑ 10- 15% 90 % ☑ 15% or greater 10 %

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or National Registers of Historic Places? ☐ Yes ■ No

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks? ☐ Yes ■ No

8. What is the depth of the water table? varies (in feet)

9. Is site located over a primary, principal, or sole source aquifer? ☐ Yes ■ No

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area? ■ Yes ☐ No

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered? ☐ Yes ☒ No

According to:

NYS DEC Resource Mapper

Identify each species:

12. Are there any unique or unusual land forms on the project site? (i.e., cliffs, dunes, other geological formations?

☒ Yes ☐ No

Describe:

Waterfalls and cliffs in unaffected areas

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?

☐ Yes ☒ No

If yes, explain:

14. Does the present site include scenic views known to be important to the community? ☒ Yes ☐ No

Views of Seneca Lake

15. Streams within or contiguous to project area:

Two Class C tributaries to Seneca Lake - Unnamed

a. Name of Stream and name of River to which it is tributary

16. Lakes, ponds, wetland areas within or contiguous to project area:

Seneca Lake

b. Size (in acres):

43,343

17. Is the site served by existing public utilities? ☒ Yes ☐ No

a. If YES, does sufficient capacity exist to allow connection? ☐ Yes ☒ No

b. If YES, will improvements be necessary to allow connection? ☒ Yes ☐ No

18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☒ No

19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617? ☐ Yes ☒ No

20. Has the site ever been used for the disposal of solid or hazardous wastes? ☐ Yes ☒ No

B. **Project Description**

1. Physical dimensions and scale of project (fill in dimensions as appropriate).

a. Total contiguous acreage owned or controlled by project sponsor: 576 acres.

b. Project acreage to be developed: 11 acres initially; 11 acres ultimately.

c. Project acreage to remain undeveloped: 565 acres.

d. Length of project, in miles: 1.3 (if appropriate)

e. If the project is an expansion, indicate percent of expansion proposed. ____ %

f. Number of off-street parking spaces existing 0 ; proposed 12

g. Maximum vehicular trips generated per hour: 4 (est) (upon completion of project)?

h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially				
Ultimately				

i. Dimensions (in feet) of largest proposed structure: 15 height; 40 width; 60 length.

j. Linear feet of frontage along a public thoroughfare project will occupy is? 430 ft.

2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 0 tons/cubic yards.

3. Will disturbed areas be reclaimed ☒ Yes ☐ No ☐ N/A

a. If yes, for what intended purpose is the site being reclaimed?

Stormwater control

b. Will topsoil be stockpiled for reclamation? ☒ Yes ☐ No

c. Will upper subsoil be stockpiled for reclamation? ☒ Yes ☐ No

4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? 20 acres.

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

   ☒ Yes ☐ No

6. If single phase project: Anticipated period of construction: 8 months, (including demolition)

7. If multi-phased:

   a. Total number of phases anticipated _____ (number)

   b. Anticipated date of commencement phase 1: _____ month _____ year, (including demolition)

   c. Approximate completion date of final phase: _____ month _____ year.

   d. Is phase 1 functionally dependent on subsequent phases? ☐ Yes ☐ No

8. Will blasting occur during construction? ☐ Yes ☒ No

9. Number of jobs generated: during construction 50 ; after project is complete 8-10

10. Number of jobs eliminated by this project 0 .

11. Will project require relocation of any projects or facilities? ☐ Yes ☒ No

    If yes, explain:

12. Is surface liquid waste disposal involved? ☐ Yes ☒ No

    a. If yes, indicate type of waste (sewage, industrial, etc) and amount _____

    b. Name of water body into which effluent will be discharged _____

13. Is subsurface liquid waste disposal involved? ☒ Yes ☐ No Type Septic - two restrooms in control room

14. Will surface area of an existing water body increase or decrease by proposal? ☐ Yes ☒ No

    If yes, explain:

15. Is project or any portion of project located in a 100 year flood plain? ☐ Yes ☒ No

16. Will the project generate solid waste? ☒ Yes ☐ No

    a. If yes, what is the amount per month? unk tons

    b. If yes, will an existing solid waste facility be used? ☒ Yes ☐ No

    c. If yes, give name permitted landfill ; location (by hauler)

    d. Will any wastes not go into a sewage disposal system or into a sanitary landfill? ☐ Yes ☒ No

e. If yes, explain:

17. Will the project involve the disposal of solid waste? ☐ Yes ☒ No

    a. If yes, what is the anticipated rate of disposal? _____ tons/month.

    b. If yes, what is the anticipated site life? _____ years.

18. Will project use herbicides or pesticides? ☐ Yes ☒ No

19. Will project routinely produce odors (more than one hour per day)? ☐ Yes ☒ No

20. Will project produce operating noise exceeding the local ambient noise levels? ☐ Yes ☒ No

21. Will project result in an increase in energy use? ☒ Yes ☐ No

    If yes, indicate type(s)

Electrical usage - New Line from NYSEG's existing line is part of the proposed project.

22. If water supply is from wells, indicate pumping capacity N/A gallons/minute.

23. Total anticipated water usage per day unk gallons/day.

24. Does project involve Local, State or Federal funding? ☐ Yes ☒ No

    If yes, explain:

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	■ Yes	☐ No	Special Permit	
City, Town, Village Planning Board	■ Yes	☐ No	Special Permit	
City, Town Zoning Board	☐ Yes	■ No		
City, County Health Department	■ Yes	☐ No	Septic Water Supply	
Other Local Agencies	■ Yes	☐ No	Schuyler County IDA	
Other Regional Agencies	☐ Yes	☐ No		
State Agencies	■ Yes	☐ No	DEC - Stormwater DEC - Underground Storage PSC - Pipelines	
Federal Agencies	☐ Yes	■ No	NYS DOT - Road borings & Entrances	

C. Zoning and Planning Information

1. Does proposed action involve a planning or zoning decision? ■ Yes ☐ No

If Yes, indicate decision required:

☐ Zoning amendment	☐ Zoning variance	☐ New/revision of master plan	☐ Subdivision
■ Site plan	■ Special use permit	☐ Resource management plan	☐ Other

2. What is the zoning classification(s) of the site?

n/a

3. What is the maximum potential development of the site if developed as permitted by the present zoning?

n/a

4. What is the proposed zoning of the site?

none

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?

n/a

6. Is the proposed action consistent with the recommended uses in adopted local land use plans? ☒ Yes ☐ No

7. What are the predominant land use(s) and zoning classifications within a ¼ mile radius of proposed action?

Agricultural / Commercial

8. Is the proposed action compatible with adjoining/surrounding land uses with a ¼ mile? ☒ Yes ☐ No

9. If the proposed action is the subdivision of land, how many lots are proposed? N/A

   a. What is the minimum lot size proposed? N/A

10. Will proposed action require any authorization(s) for the formation of sewer or water districts? ☐ Yes ☒ No

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection?

☐ Yes ☒ No

a. If yes, is existing capacity sufficient to handle projected demand? ☐ Yes ☐ No

12. Will the proposed action result in the generation of traffic significantly above present levels? ☐ Yes ☒ No

a. If yes, is the existing road network adequate to handle the additional traffic. ☒ Yes ☐ No

D. Informational Details

Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

E. Verification

I certify that the information provided above is true to the best of my knowledge.

Applicant/Sponsor Name Finger Lakes LPG Storage, LLC Date August 28, 2009

Signature Michael Clark

Title Director Engineering

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment.

C

Finger Lakes LPG Storage, LLC

Reservoir Suitability Report

Finger Lakes LPG Storage, LLC

Reservoir Suitability Report

Table of Contents

1. Introduction 1
2. Project Overview 1
3. Location and Regional Geology 2
4. Historical Development of Salt Caverns and Previous Usage for Hydrocarbon Storage 3
5. Well Construction and Well History 4
6. Evaluation of Well and Cavern Integrity 4
   - 6.1 Vertilogs 5
   - 6.2 Hydrotests 5
   - 6.3 Gamma Ray and Neutron Logging 5
   - 6.4 Material Balance for Injected and Withdrawn Hydrocarbons 5
7. Suitability of Caverns to Store LPG 6
   - 7.1 Methodology 6
   - 7.2 Discussion of Geologic Cross-Sections, Faults Analysis and Jacoby 6
   - 7.3 Core Test Results 8
8. Rock Mechanics and Finite Element Analysis 9
9. Sonar Reports and Surveys 10
10. Minimum and Maximum Storage Pressures 10
11. Cavern Development Plan 11
   - 11.1 Finger Lakes Gallery 1 11

11.2 Finger Lakes Gallery 2 12

12. Review of Historic Earthquake Activity 12

13. Subsidence Monitoring 12

14. Safety and Emergency Shutdown 12

15. Mechanical Integrity Testing Procedures 13

16. Conclusions 14

17. References 14

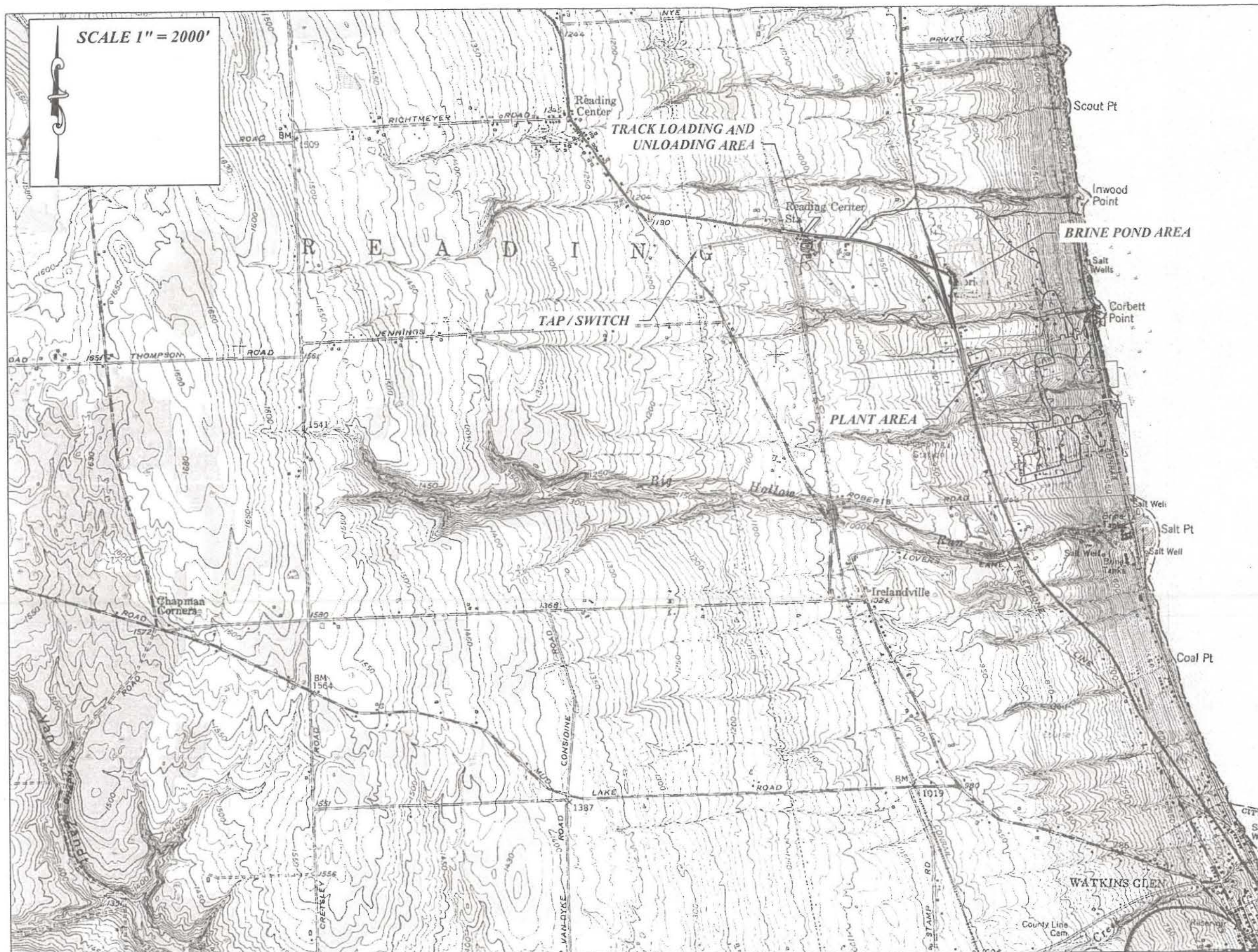
18. List of Exhibits 15

18. List of Exhibits

Exhibit 1 – General Location Map
Exhibit 2
- Map 1 – Gallery Map (with existing well status and information, API numbers)
- Map 2 – Overall Site Plan

Exhibit 3 – Stratigraphic Columns
Exhibit 4 – Anticline/Syncline Structure Map
Exhibit 5 – South-to-North Cross-Section, Gallery 1
Exhibit 6 – Gallery 2 Cross-Section
Exhibit 7 – Hydrotest Data for Gallery 1
Exhibit 8 – Core Descriptions for Well 59 (see references, Section 17(f))
Exhibit 9 – Rock Mechanics Report for Wells 58 and 59 (see references, Section 17(g))
Exhibit 10 – Finite Element Analysis/Geomechanical Evaluation for Gallery 2 (see references, Section 17(g))
Exhibit 11 – Seismic Risk Map
Exhibit 12 – MSDS for Propane
Exhibit 13 – MSDS for Butane
Exhibit 14 – MSDS for Mercaptan
Exhibit 15 – MIT Procedures

Exhibit 1



It is a violation of the law for any person unless he is acting under the direction of a licensed professional architect/engineer to alter this drawing in any way. Alterations must have the seal affixed along with a description of the alteration, the signature and date.

Approval:

SHEET 1 OF 1

Location Map
Undergrounf Storage Permit
Fingerlakes Storage LLC

Date: 08/09

Drawn By: J. Skinner

Date: 08/09

Checked By: J. Skinner

DRAWING PATH: K:\Civil 3D 2008\Supperior Energy

DRAWING: Site Plan for stalcout.dwg

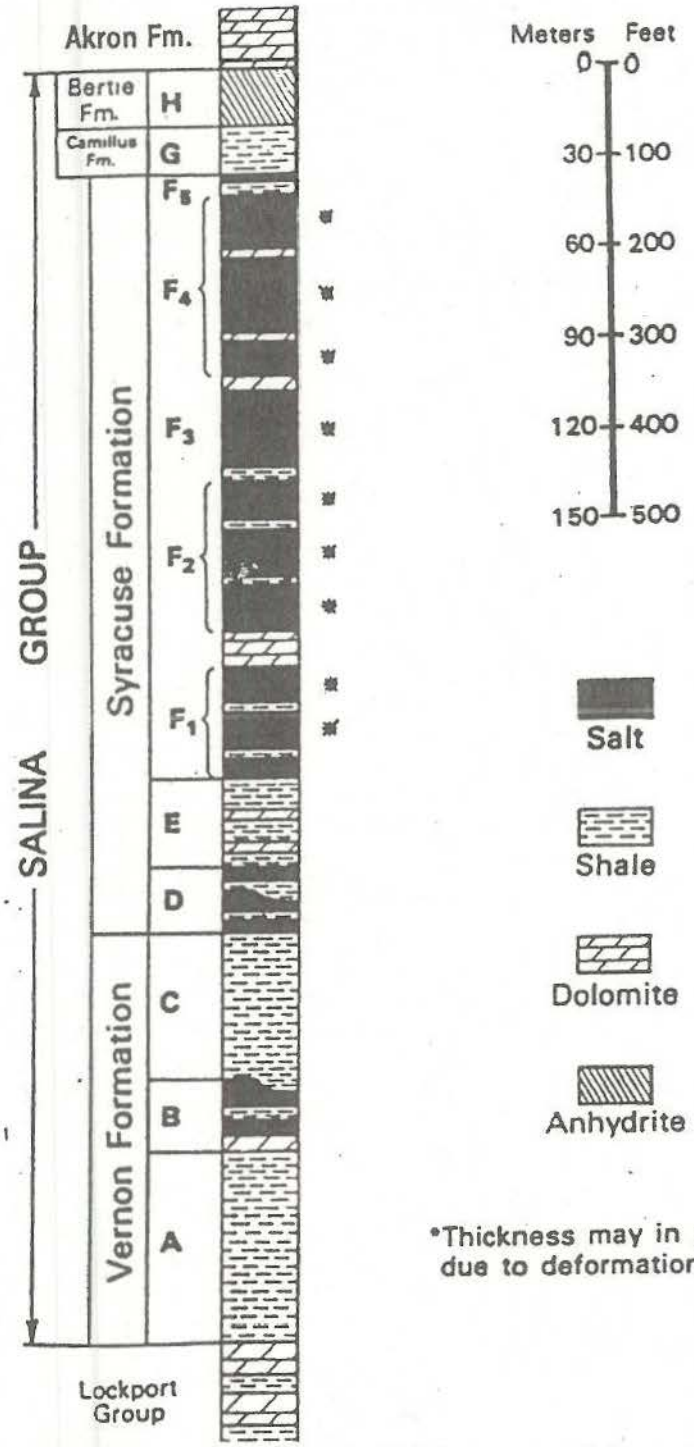
Exhibit 2

Exhibit 3

SYSTEM	WESTERN NEW YORK	CENTRAL NEW YORK	EASTERN NEW YORK
UPPER CRETACEOUS			Raritan Formation
L. JURASSIC - U. CRETACEOUS			Newark Group
LOWER PENNSYLVANIAN	Olean Formation		
LOWER MISSISSIPPIAN	Knapp Formation		
UPPER DEVONIAN	Connewango Group Conneaut Group Canadaway Group West Falls Group Sonyea Group Genesee Group	West Falls Group Sonyea Group Genesee Group	Slide Mountain Formation Walton Fm/Delware River Fm. Oneonta Formation
MIDDLE DEVONIAN	Hamilton Group Onondaga Formation	Tully Formation Hamilton Group Onondaga Formation	Gilboa Formation Hamilton Group Onondaga Formation
LOWER DEVONIAN	Tristate Group (Bois Blanc & Oriskany Fms.)	Tristate Group Helderberg Group	Tristate Group Helderberg Group
UPPER SILURIAN	Salina Group Lockport Group	Salina Group Lockport Group	Salina Group
LOWER SILURIAN	Clinton Group Medina Group	Clinton Group Medina Group	Bloomsburg Formation Shawangunk Formation
UPPER ORDOVICIAN	Queenston Formation Lorraine Group Utica Formation Trenton Group Black River Group	Queenston Formation Lorraine Group Utica Formation Trenton Group Black River Group	Frankfurt/Quassaic Formations Utica Formation/Snake Hill Fm. Trenton Group, Black River Gp.
LOWER ORDOVICIAN		Beekmantown Group	Chazy Group Beekmantown/Wappinger Group
UPPER CAMBRIAN	Beekmantown Group	Beekmantown Group	Beekmantown/ Wappinger/Stockbridge
MIDDLE-UPPER CAMBRIAN			Wappinger/Stockbridge
PRECAMBRIAN	Grenville basement	Grenville basement	Grenville basement

SAUK

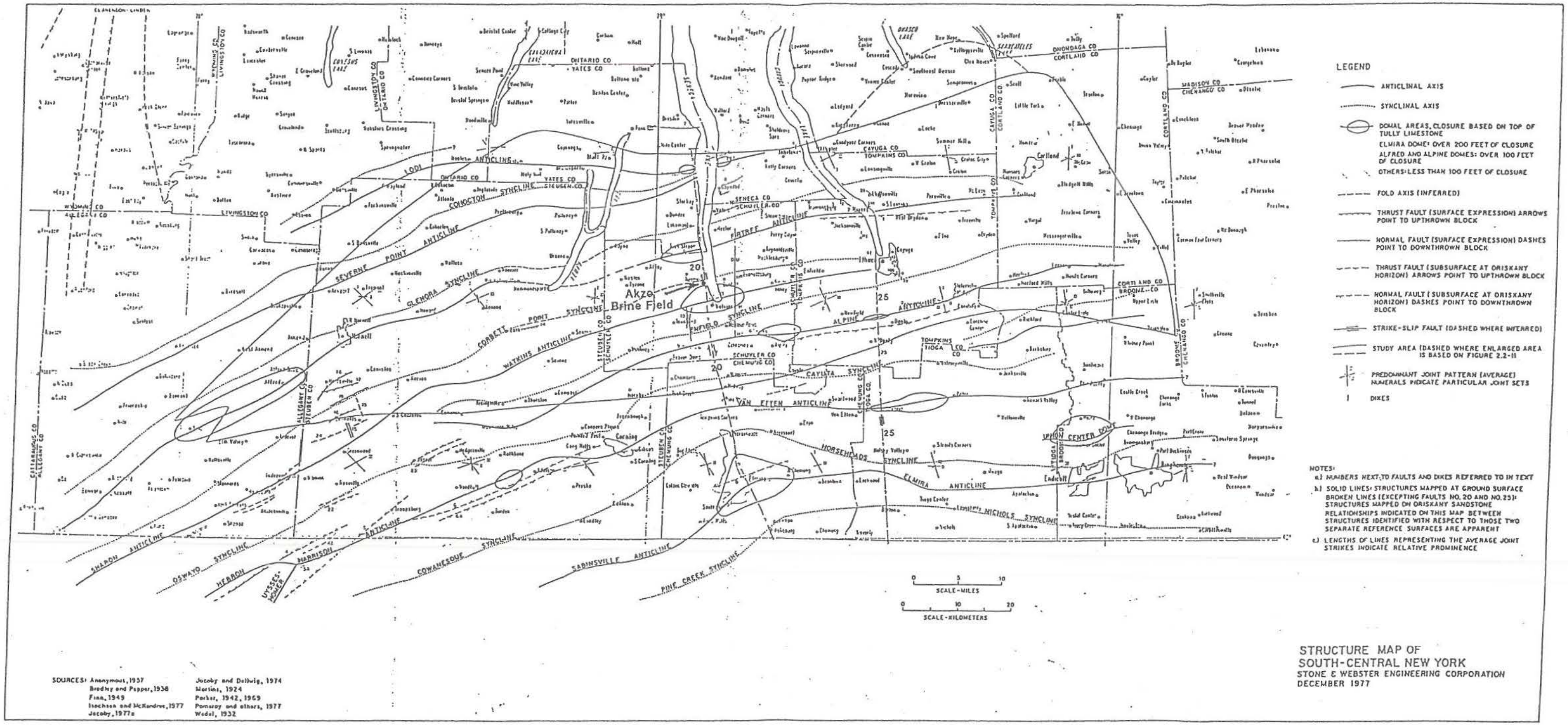
The generalized stratigraphic columns for rocks in western, central, and eastern New York State.



Adapted from a drawing by Kenneth S. Johnson and Serge Gonzales in Salt Deposits in the United States and Regional Geologic Characteristics Important for Storage of Radioactive Waste, March 1978.

Generalized Columnar Section of Salina Group in South-Central New York.

Exhibit 4



STRUCTURE MAP OF
SOUTH-CENTRAL NEW YORK
STONE & WEBSTER ENGINEERING CORPORATION
DECEMBER 1977

Exhibit 5

Exhibit 6

Exhibit 7

Exhibit 8

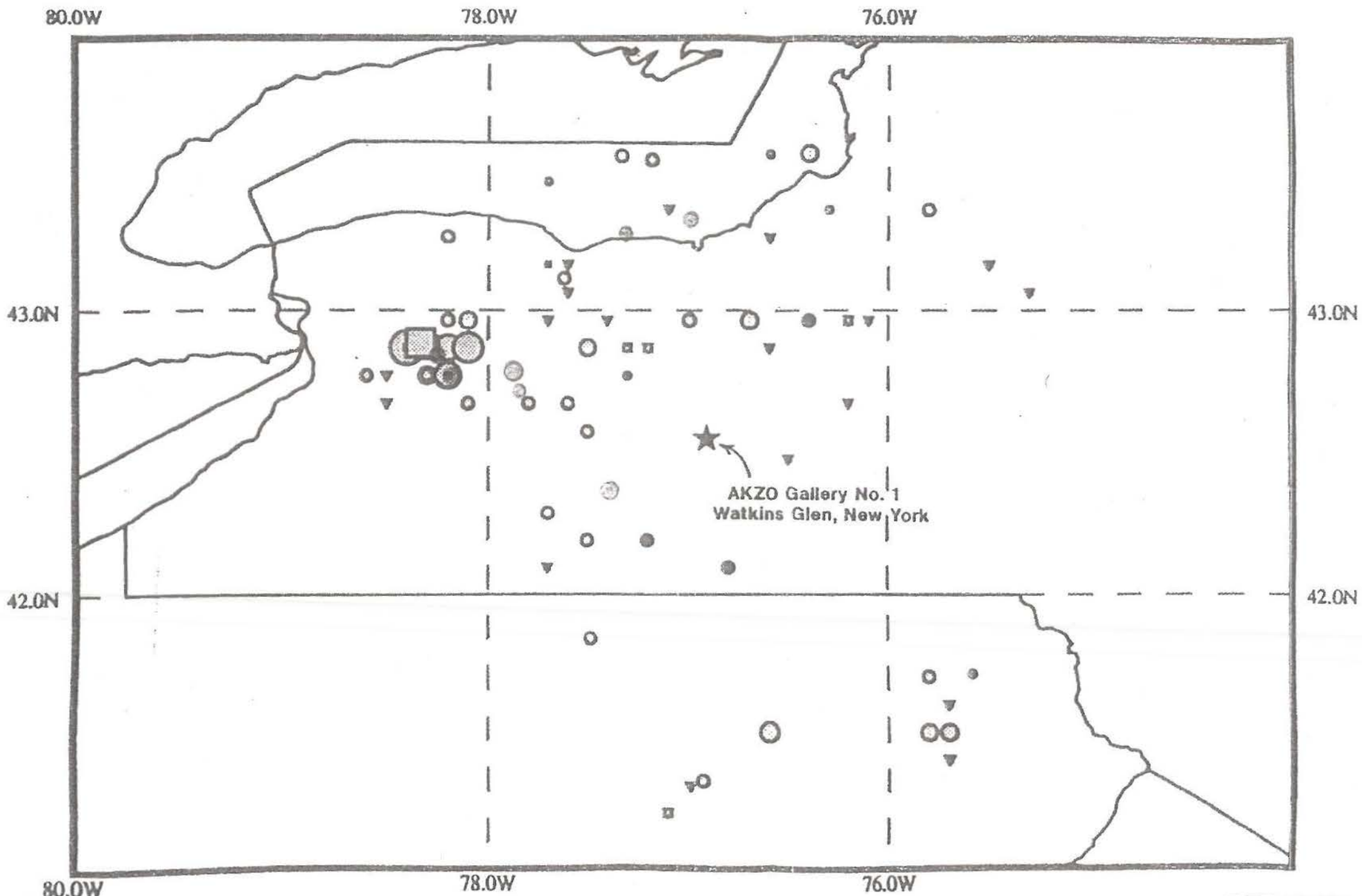
Exhibit 9

Exhibit 10

Exhibit 11

SEISMICITY WITHIN 150 KM OF 42.417N 76.892W

● Indicates 1994-2009 area seismic events as recorded by the USGS (Magnitude range 2.6-3.6)



MAGNITUDES

0.1 - 1.9	●	4.0 - 4.4	
2.0 - 2.9	○	4.5 - 4.9	
3.0 - 3.4	○	5.0 - 5.4	
3.5 - 3.9	○	> 5.4	

182 Earthquakes Plotted

NO INTENSITY OR MAGNITUDE ▼

INTENSITIES

I-III	▫	VII
IV	▪	VIII
V	□	IX
VI	□	X-XII

NATIONAL GEOPHYSICAL DATA CENTER / NOAA BOULDER, CO, 80303

NEIC: Earthquake Search Results

U. S. GEOLOGICAL SURVEY

EARTHQUAKE DATA BASE

FILE CREATED: Wed Sep 16 20:01:19 2009
Circle Search Earthquakes= 7
Circle Center Point Latitude: 42.417N Longitude: 76.892W
Radius: 150.000 km
Catalog Used: PDE
Data Selection: Historical & Preliminary Data

CAT	YEAR	MO	DA	ORIG TIME	LAT	LONG	DEP	MAGNITUDE	IEM NFO TF	DTSVNWG	DIST km
PDE	1994	03	12	104315.74	42.78	-77.88	1	3.6 LgGS	3D.	....I..	90
PDE	1999	01	25	201230	42.73	-77.85	3	2.7 LgOTT	.F.	.....	85
PDE	2001	02	03	201515	42.35	-77.39	0	3.2 LgPAL	.F.	.....	42
PDE	2005	10	31	235929.95	43.28	-77.32	2	2.6 MLPAL	3F.	.....	102
PDE	2007	04	11	023217.48	43.33	-76.97	7	2.6 MLPAL	.F.	.....	101
PDE	2007	12	13	032924	42.79	-78.21	7	2.6 MDPAL	...	.....	115
PDE-W	2009	06	05	150752	42.83	-78.25	5	2.9 MDPAL	4F.	.....	120

USGS National Earthquake Information Center
USGS Privacy Statement | Disclaimer

FIRSTGOV
Your First Click to the U.S. Government

Exhibit 12

Finger Lakes LPG Storage Facility

MSDS – Propane

MATERIAL SAFETY DATA SHEET

MSDS No. 01822000
ENGLISH

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PROPANE WITHOUT ODORANT

MANUFACTURER/SUPPLIER:
Amoco Oil Company
200 East Randolph Drive
Chicago, Illinois 60601 U.S.A.

EMERGENCY HEALTH INFORMATION:
1 (800) 447-8735
EMERGENCY SPILL INFORMATION:
1 (800) 424-9300 CHEMTREC (USA)
OTHER PRODUCT SAFETY INFORMATION:
(312) 856-3907

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Range % by Wt.
Propane	74-98-6	100

(See Section 8.0, "Exposure Controls/Personal Protection", for exposure guidelines)

3.0 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Danger! Extremely flammable. Compressed gas. At very high concentrations, can displace the normal air and cause suffocation from lack of oxygen. Liquid can cause burns similar to frostbite.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Extremely cold material; can cause burns similar to frostbite.

SKIN CONTACT: Liquid can cause burns similar to frostbite.

INHALATION: At very high concentrations, can displace the normal air and cause suffocation from lack of oxygen. See "Toxicological Information" section (Section 11.0).

INGESTION: Ingestion of liquid can cause burns similar to frostbite.

HMIS CODE: (Health:1) (Flammability:4) (Reactivity:0)

NFPA CODE: (Health:1) (Flammability:4) (Reactivity:0)

4.0 FIRST AID MEASURES

EYE: Contact with liquid: Immediately flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

SKIN: Contact with liquid: Immediately flush with plenty of tepid water (105-115°F; 41-46°C). DO NOT USE HOT WATER. Get immediate medical attention.

INHALATION: If adverse effects occur, immediately remove to uncontaminated area. Give artificial respiration if not breathing. Give oxygen if breathing is difficult. Get immediate medical attention.

INGESTION: Get immediate medical attention.

5.0 FIRE FIGHTING MEASURES

FLASHPOINT: -156°F(-104°C) (closed cup)

UEL: 9.5%

LEL: 2.1%

AUTOIGNITION TEMPERATURE: 842°F (450°C)

FLAMMABILITY CLASSIFICATION: Extremely flammable. Compressed gas.

EXTINGUISHING MEDIA: Stop flow of gas if possible; if not, allow to burn. Do NOT direct water into liquid spill. Dry chemical can be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product gives off vapors that are heavier than air which can travel considerable distances to a source of ignition and flashback. Extinguishment of fire before source of vapor is shut off can create an explosive mixture in air. Extremely flammable vapor/air mixtures form.

FIRE-FIGHTING EQUIPMENT: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

PRECAUTIONS: Keep away from sources of ignition (e.g., heat and open flames). Use with adequate ventilation. Ground and bond all lines and equipment.

HAZARDOUS COMBUSTION PRODUCTS: Burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

6.0 ACCIDENTAL RELEASE MEASURES

Remove or shut off all sources of ignition. Isolate area. Increase ventilation if possible. Wear respirator and spray with water to disperse vapors.

7.0 HANDLING AND STORAGE

HANDLING: Do not breathe vapors. Ground and bond all lines and equipment.

STORAGE: Outside storage is recommended. Store in cool, dry, well-ventilated area. Do not store in areas containing flammable or combustible products. Do not store at or above 120°F (49°C). Store away from heat, ignition sources, and open flame in accordance with applicable regulations.

SPECIAL PRECAUTIONS: Avoid strong oxidizers.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE: Do not get in eyes. Wear chemical goggles.

SKIN: As needed to prevent contact with liquid - wear gloves, impervious clothing and face shield.

INHALATION: Avoid breathing vapor. Use with adequate ventilation. If ventilation is inadequate, use supplied- air respirator approved by NIOSH.

ENGINEERING CONTROLS: Control airborne concentrations below the exposure guidelines.

EXPOSURE GUIDELINES:

Component	CAS#	Exposure Limits
Propane	74-98-6	OSHA PEL: 1000 ppm (1989)(1971) ACGIH TLV-TWA: simple asphyxiant

9.0 CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	Gas. Colorless. Natural gas odor.
pH:	Not determined.
VAPOR PRESSURE:	189 - 208 psig at 100° F
VAPOR DENSITY:	1.56 at 32°F
BOILING POINT:	-44°F(-42°C)
MELTING POINT:	-310°F(-190°C)
SOLUBILITY IN WATER:	Slight, 0.1 to 1.0%.
SPECIFIC GRAVITY (WATER=1):	0.51 at 60°F

10.0 STABILITY AND REACTIVITY

STABILITY: Burning can be started easily.

CONDITIONS TO AVOID: Keep away from ignition sources (e.g. heat, sparks, and open flames).

MATERIALS TO AVOID: Avoid chlorine, fluorine, and other strong oxidizers.

HAZARDOUS DECOMPOSITION: None identified.

HAZARDOUS POLYMERIZATION: Will not occur.

11.0 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA:

EYE IRRITATION: Testing not conducted. See Other Toxicity Data.

SKIN IRRITATION: Testing not conducted. See Other Toxicity Data.

DERMAL LD50: Testing not conducted. See Other Toxicity Data.

ORAL LD50: Testing not conducted. See Other Toxicity Data.

INHALATION LC50: Testing not conducted. See Other Toxicity Data.

OTHER TOXICITY DATA:

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

This material is an asphyxiant. Asphyxiants may reduce the oxygen concentration in the air to dangerous levels. Symptoms of lack of oxygen include increased depth and frequency of breathing, air hunger. dizziness, headache, nausea or loss of consciousness.

No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC). No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Act (OSHA).

12.0 ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product by Amoco.

13.0 DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations. Vent vapor at a safe location. Insure dissipation of gas below the lower explosive limit. Consult local ordinances for compliance.

14.0 TRANSPORTATION INFORMATION

U.S. DEPT OF TRANSPORTATION

Shipping Name	:	Liquefied Petroleum Gas
Hazard Class	:	2.1
Identification Number	:	UN1075

INTERNATIONAL INFORMATION:

Sea (IMO/IMDG)

Shipping Name	:	Not determined.

Air (ICAO/IATA)

Shipping Name	:	Not determined.

European Road/Rail (ADR/RID)

Shipping Name	:	Not determined.

Canadian Transportation of Dangerous Goods

Shipping Name	:	Propane
Hazard Class	:	2.1
UN Number	:	UN1978
Packing Group	:	X

15.0 REGULATORY INFORMATION

CERCLA SECTIONS 102A/103 HAZARDOUS SUBSTANCES (40 CFR PART 302.4): This product is not reportable under 40 CFR Part 302.4.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR PART 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR PART 370): This product is defined as hazardous by OSHA under 29 CFR Part 1910.1200(d).

SARA TITLE III SECTION 313 (40 CFR PART 372): This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

U.S. INVENTORY (TSCA): Listed on inventory.

OSHA HAZARD COMMUNICATION STANDARD: Flammable gas. Compressed gas. Contains a component listed by OSHA. Contains a component listed by ACGIH.

WHMIS CONTROLLED PRODUCT CLASSIFICATION: A. B1,

EC INVENTORY (EINECS/ELINCS): In compliance.

JAPAN INVENTORY (MITI): Listed on inventory.

AUSTRALIA INVENTORY (AICS): Listed on inventory.

KOREA INVENTORY (ECL): Not determined.

CANADA INVENTORY (DSL): All of the components of this product are listed on the DSL.

PHILIPPINE INVENTORY (PICCS): Not determined.

16.0 OTHER INFORMATION

Prepared by:

Environment, Health and Safety Department

Issued: November 25, 1996
Supersedes: November 10, 1995

This material Safety Data Sheet conforms to the requirements of ANSI Z400.1.

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PROPANE (WITH ODOR)
DEFSI MSDS NO: DEFSI003

THE FOLLOWING INFORMATION IS FURNISHED SUBJECT TO THE DISCLAIMER ON THE BOTTOM OF THIS FORM

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT
NAME: PROPANE (WITH ODOR)

SYNONYMS:
DIMETHYL METHANE
HD-5 PROPANE
LIQUEFIED PETROLEUM GAS
LP- GAS

CHEMICAL FAMILY: ALIPHATIC HYDROCARBON
CHEMICAL FORMULA: $CH_3 CH_2 CH_3$

MANUFACTURER / DISTRIBUTOR:
DUKE ENERGY FIELD SERVICES
900 REPUBLIC PLAZA
370 17TH ST.
DENVER, CO 80202

EMERGENCY PHONE NUMBERS:
(303) 595-3331 (DEFSI)
(800) 424-9300 (CHEMTREC)

CAS NO: 74-98-6

SECTION 2 - PHYSICAL PROPERTIES

BOILING POINT	MELTING POINT	SPECIFIC GRAVITY (H2O= 1)
-40 F	N. A. F	0.5077
% SOLUBILITY IN WATER	VAPOR DENSITY (AIR= 1)	VAPOR PRESSURE
SLIGHT	1.5	mmHG @ 20 C.:5,600
PH	ODOR	APPEARANCE
N. A.	MERCAPTAN	COLORLESS GAS

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	AUTOIGNITION TEMP	EXPLOSIVE LIMITS (% BY VOLUME IN AIR)
-156 F	N. D. A. F	LOWER / UPPER 2.1 \ 9.5

NFPA CLASSIFICATION: HEALTH: 1 FIRE: 4 REACTIVITY: 0 OTHER:

EXTINGUISHING MEDIA:

CLASS B FIRE EXTINGUISHING MEDIA SUCH AS HALON, CO2 OR DRY CHEMICAL CAN BE USED. FIRE FIGHTING SHOULD BE ATTEMPTED ONLY BY THOSE WHO ARE ADEQUATELY TRAINED.

SPECIAL FIRE FIGHTING PROCEDURES:

STOP THE FLOW OF GAS AND ALLOW FIRE TO BURN OUT. EXTINGUISHING THE FLAME BEFORE SHUTTING OFF THE SUPPLY CAN CAUSE THE FORMATION OF EXPLOSIVE MIXTURES. IN SOME CASES IT MAY BE PREFERRED TO ALLOW THE FLAME TO CONTINUE TO BURN. KEEP THE SURROUNDING AREA COOL WITH WATER SPRAY AND PREVENT FURTHER IGNITION OF COMBUSTIBLE MATERIAL.

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PROPANE (WITH ODOR)
DEFSI MSDS NO: DEFSI003

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA (cont.)

STABILITY: THE MATERIAL IS STABLE
CONDITIONS TO AVOID: SOURCES OF HEAT OR IGNITION

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

INCOMPATIBLE MATERIALS: STRONG OXIDIZERS (E. G. CHLORINE), MINERAL ACIDS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 4 - PRODUCT COMPOSITION AND EXPOSURE LIMITS

CAS NO. (OSHA)	REL(NIOSH)	COMPONENTS:	PERCENT RANGE	TLV (ACGIH)	PEL
74-98-6	PROPANE	97 - 98	NE	1000 PPM**	1000 PPM
106-97-8	BUTANES	< 1.5	NE	800 PPM*	800 PPM
115-07-1	PROPYLENE	< 5	NE	NE	NE
75-08-1	ETHYL MERCAPTAN	<.2	0.5	0.5 ***	

8HR TWA UNLESS OTHERWISE SPECIFIED
* FOR N-BUTANE
** PROPANE IS A SIMPLE ASPHYXIANT BY ACGIH STANDARDS.
*** THE INTENSITY OF ETHLY MERCAPTAN STENCH (ITS ODOR) MAY FACE DUE TO CHEMICAL OXIDATION (IN THE PRESENCE OF RUST, AIR OR MOISTURE), ADSORPTION OR ABSORPTION. SOME PEOPLE HAVE NASAL PERCEPTION PROBLEMS AND MAY MASK OR HIDE THE ETHLY MERCAPTAN STENCH. WHILE ETHLY MERCAPTAN MAY NOT IMPART THE WARNING OF THE PRESENCE OF PROPANE IN EVERY INSTANCE, IT IS GENERALLY EFFECTIVE IN A MAJORITY OF SITUATIONS.

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PROPANE (WITH ODOR)
DEFSI MSDS NO: DEFSI003

SECTION 5 - POTENTIAL HEALTH EFFECTS

EYE:

PROPANE IS GENERALLY NON-IRRITATING TO EYES. PRESSURIZED GAS CAN CAUSE MECHANICAL INJURY TO THE EYE. LIQUEFIED GAS MAY CAUSE FREEZE BURNS UPON DIRECT CONTACT.

SKIN:

LIQUEFIED GAS MAY CAUSE FREEZE BURNS UPON DIRECT CONTACT.

INGESTION:

INGESTION NOT LIKELY

INHALATION:

SIMPLE ASPHYXIANT

ADDITIONAL TOXICITY INFORMATION:

EXTREME OVER EXPOSURE MAY PRODUCE DIZZINESS, HEADACHE, DISORIENTATION, EXCITATION, FATIGUE, INABILITY TO CONCENTRATE, VOMITING, COUGHING, ANESTHESIA, UNCONSCIOUSNESS AND DEATH.

EMERGENCY FIRST AID PROCEDURES

EYE:
IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST FIFTEEN MINUTES.
CALL A PHYSICIAN IF SYMPTOMS OR IRRITATION OCCUR.

SKIN:
IMMEDIATELY FLUSH SKIN WITH RUNNING WATER FOR AT LEAST FIFTEEN MINUTES.
CALL A PHYSICIAN IF SYMPTOMS OR IRRITATION OCCUR.

INHALATION:

MOVE PERSON TO FRESH AIR IF NOT BREATHING OR IF NO HEARTBEAT,
GIVE ARTIFICIAL RESPIRATION OR CARDIOPULMONARY RESUSCITATION.
IMMEDIATELY CALL PHYSICIAN.

INGESTION:

INGESTION NOT LIKELY.

SECTION 6 - SPECIAL PROTECTION INFORMATION

VENTILATION:

LOCAL OR GENERAL EXHAUST REQUIRED IF USED IN AN ENCLOSED AREA IN ORDER TO KEEP CONCENTRATIONS BELOW THE LOWER EXPLOSIVE LIMIT.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PROPANE (WITH ODOR)
DEFSI MSDS NO: DEFSI003

SECTION 6 - SPECIAL PROTECTION INFORMATION (cont.)

RESPIRATORY:

USE ATMOSPHERE SUPPLIED RESPIRATORS IN THE EVENT OF OXYGEN DEFICIENCY. SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED FOR FIRE FIGHTING.

USE A NIOSH / MSHA APPROVED SCBA.

EYE PROTECTION:

GOGGLES OR FACE SHIELD MAY BE NEEDED WHEN HANDLING PRESSURIZED GASES.

OTHER PROTECTIVE EQUIPMENT:

USE EXPLOSION-PROOF EQUIPMENT.

SECTION 7 - SPILL OR LEAK PROCEDURES

ENVIRONMENTAL EFFECTS:

MOST COMPONENTS OF PROPANE ARE HEAVIER THAN AIR AND WILL STAY IN LOW LYING AREAS IF VENTILATION OR WIND IS NOT PRESENT.

STEPS TO BE TAKEN IN CASE OF SPILL, LEAK OR RELEASE:

KEEP PUBLIC AWAY. SHUT OFF SOURCE IF POSSIBLE TO DO SO WITHOUT HAZARD. WEAR APPROPRIATE SAFETY EQUIPMENT IF CONDITIONS WARRANT. PROTECT FROM IGNITION. VENTILATE AREA THOROUGHLY. ADVISE LOCAL AND STATE EMERGENCY SERVICES AGENCIES, IF APPROPRIATE.

WASTE DISPOSAL METHOD:

PREFERRED METHOD OF DISPOSAL IS BURNING AS A VAPOR IN A PROPERLY DESIGNED FLARE. SPECIAL CARE MUST BE TAKEN TO ENSURE COMPLETE DISSIPATION OF PROPANE BELOW LOWER EXPLOSIVE LIMIT.

SECTION 8 - HANDLING AND STORAGE PRECAUTIONS

PRODUCT SHOULD BE HANDLED AND STORED IN ACCORDANCE WITH INDUSTRY ACCEPTED PRACTICES. IN THE ABSENCE OF SPECIFIC LOCAL CODE REQUIREMENTS, NFPA OR OSHA REQUIREMENTS SHOULD BE FOLLOWED. USE APPROPRIATE GROUNDING AND BONDING PRACTICES. STORE IN PROPERLY CLOSED CONTAINERS THAT ARE APPROPRIATELY LABELED. DO NOT EXPOSE TO HEAT, OPEN FLAME, STRONG OXIDIZERS OR OTHER SOURCES OF IGNITION.

SECTION 9 - HAZARD WARNING

DANGER !
EXTREMELY FLAMMABLE
GAS UNDER PRESSURE

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PROPANE (WITH ODOR)
DEFSI MSDS NO: DEFSI003

SECTION 10 – COMMENTS NONE

SECTION 11 - REGULATORY INFORMATION

SARA TITLE III / SUPERFUND AMENDMENTS AND RE-AUTHORIZATION ACT OF 1986 - SECTIONS 302, 304, 311, 312 AND 313.

THE FOLLOWING REGULATIONS APPLY TO THIS PRODUCT:

SECTIONS 311 AND 312 - MATERIAL SAFETY DATA SHEET REQUIREMENTS:

40 CFR PART 370 (52 FR 38344 - OCTOBER 15, 1987).

DEPENDING ON LOCAL, STATE, AND FEDERAL REGULATIONS, MATERIAL SAFETY DATA SHEETS (MSD'S) OR LIST OF MSD'S (PRODUCT NAMES) MAY BE REQUIRED TO BE SUBMITTED TO THE STATE EMERGENCY RESPONSE COMMISSION, LOCAL EMERGENCY PLANNING COMMITTEE, AND LOCAL FIRE DEPARTMENT IF YOU HAVE:

10,000 POUNDS OR MORE OF AN OSHA HAZARDOUS SUBSTANCE* OR
500 POUNDS OR THE THRESHOLD PLANNING QUANTITY WHICHEVER IS LESS, OF AN EXTREMELY HAZARDOUS SUBSTANCE.

* REPORTABLE QUANTITY LEVELS CAN VARY FROM STATE TO STATE AND YEAR TO YEAR DEPENDING ON APPLICABLE STATE AND/OR FEDERAL REGULATIONS.

THIS PRODUCT IS COVERED UNDER THE CRITERIA DEFINED IN OSHA'S HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 (52 FR 31852 - AUGUST 24, 1987) AND SHOULD BE REPORTED UNDER THE FOLLOWING EPA HAZARD CATEGORIES:

	IMMEDIATE (ACUTE) HEALTH HAZARD
	DELAYED (CHRONIC) HEALTH HAZARD
XX	FIRE HAZARD
XX	SUDDEN RELEASE OF PRESSURE HAZARD
	REACTIVE HAZARD

DEPARTMENT OF TRANSPORTATION:

49 CFR 172.01 AS REVISED ON MAY 1, 1997.

PROPER SHIPPING NAME:	LIQUEFIED PETROLEUM GAS
DOT CLASSIFICATION:	FLAMMABLE GAS
DOT IDENTIFICATION NUMBER:	UN 1075
PLACARD:	FLAMMABLE GAS / 1075
HAZARD CLASS:	2.1

SECTION 12 - REGULATIONS / COMMENTS

MSDS DATE: 02 / 22 / 94 REVISED: 05 / 13 / 02

MSDS PREPARED BY THE DUKE ENERGY FIELD SERVICES INC. CORPRATE SAFETY GROUP

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PROPANE (WITH ODOR)
DEFSI MSDS NO: DEFSI003

*** DISCLAIMER ***

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS, TO THE BEST OF DEFSI'S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABLENESS AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

Exhibit 13

Finger Lakes LPG Storage Facility

MSDS – Butane

Amoco Canada
Petroleum Company Ltd.

Warning and Safety Information Bulletin

Normal Butane

DANGER!

Vapors are ***EXTREMELY FLAMMABLE AND EXPLOSIVE.***
Contact with liquid causes ***FREEZE BURNS.***
Butane gas may cause ***SUFFOCATION.***

Chemical Name:	**Normal Butane**
Trade Name:	**Butane, Normal Butane**
Chemical Formula:	**NC_4**
Hazard Class:	**Flammable Gas**
Dot I.D. No.:	**UN1011**

DISCLAIMERS

Amoco Canada Petroleum Company Ltd. does not know all the ways its shippers, customers, or transporters will handle, store or use butane and makes no warranty regarding it after delivery from one of its terminals.

Amoco recommends that its customers provide their own employees, customers and other concerned parties with information regarding the characteristics of butane.

This Safety Bulletin has been prepared by Amoco Canada Petroleum Company Ltd., and is intended to enhance the safe use of butane. The company has used all possible care to ensure the accuracy of the information contained in this bulletin but assumes no liability for any errors, omissions, or defects whatsoever in the content, or for any damage or injury resulting from the use of this bulletin or from reliance by any person or entity on its content.

MATERIAL SAFETY
DATA SHEET

BUTANE; N-BUTANE
(CANADA-ENGLISH)

MSDS NO: 04006534

MANUFACTURER/SUPPLIER:
Amoco Canada
Petroleum Company Ltd.
240 - 4 Avenue S.W.
P. O. Box 200, Station M
Calgary, Alberta T2P 2H8

EMERGENCY HEALTH INFORMATION: 1 (312) 856-5371 (U.S.A.)
EMERGENCY SPILL INFORMATION: 1 (613) 996-6666 CANUTEC (Canada)
OTHER PRODUCT SAFETY INFORMATION: 1 (312) 856-5430 (U.S.A.)

IMPORTANT COMPONENTS:

COMPONENT	WT%	CAS No.	ACGIH TLV
Butane	100	106-97-8	TWA 800 ppm

WARNING STATEMENT: Extremely flammable. Compressed gas. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea. Contact with liquid causes frostbite.

APPEARANCE AND ODOR: Colorless gas; natural gas odor.

HEALTH HAZARD INFORMATION

EYE

EFFECT: Liquid can cause burns similar to frostbite.

FIRST AID: Contact with liquid: Immediately flush eyes with plenty of water for at least 15 minutes, then get immediate medical attention.

PROTECTION: Wear chemical goggles.

SKIN

EFFECT: Liquid can cause burns similar to frostbite.

FIRST AID: Contact with liquid: immediately flush with plenty of tepid water (105-115°F; 41-46°C). DO NOT USE HOT WATER. Get prompt medical attention.

PROTECTION: As needed to prevent contact with liquid - wear gloves, impervious clothing and face shield.

INHALATION

EFFECT: High vapor concentrations can cause headaches, dizziness, drowsiness and nausea. Asphyxiant in high concentrations. See Toxicology Section.

FIRST AID: If adverse effects occur, remove to uncontaminated area. Give oxygen if breathing is difficult. Get immediate medical attention.

PROTECTION: If ventilation is inadequate, use supplied-air respirator.

INGESTION

EFFECT: Not applicable.

FIRST AID: Not applicable.

TOXICOLOGICAL INFORMATION

Inhalation of butane at very high concentrations (10,000 ppm) may cause drowsiness. At extremely high concentrations, butane gas may reduce oxygen concentrations below life support levels. Symptoms of lack of oxygen include increased depth and frequency of breathing, air hunger, dizziness, headache, nausea or loss of consciousness. LC50: 658 g/m3 (280,000 ppm), 4-hour exposure-rat.
No component of this product present at levels greater than 0.1% is identified as a carcinogen by ACGIH or IARC.

REGULATORY INFORMATION

WHMIS: A, B1,

TDG: Butane, 2.1, UN1011, X.

ISSUE INFORMATION

BY:

G. I. Bresnick, Director
Product Stewardship & Toxicology

ISSUED: July 12, 1991
SUPERSEDES: November 21, 1988

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.

Exhibit 14

Finger Lakes LPG Storage Facility

MSDS – Mercaptan

M Chemical

ETHYL MERCAPTAN
Physical Properties

Boiling Range			**Reid Vapor Pressure**		
IBP	94.8 °F	34.9 °C	**psia @ 100 °F**		16.1
95%	95.7 °F	35.4 °C	**kg./cm2 @ 37.78 °C**		1.13
D.P.	95.9 °F	35.5 °C			
Average Molecular Weight		62	**Mercaptan Content (% by Vol)**		99+
Specific Gravity (60/60 °F)(15 °C)		0.845	**Sulfur Content (% by Wgt.)**		51.7
Density (60 °F) lbs./gal.		7.04	**Corrosion - Copper Strip**		
(15 °C) kgm./l		0.844	**(24 hr. immersion test)**		Negligible
Cloud Point (Max.)		-50 °F -45.6 °C	**Solubility in Water**		Trace
Freezing Point (below)		-100 °F -73.3 °C	**Flash Point (open cup)**	F C	-38 -38.9

Analysis

Component	Weight % Minimum	Weight % Typical	Weight % Maximum
Ethyl Mercaptan	98.5	99.5	99.95
Isopropyl Mercaptan	0.0	< 0.1	0.5
Tertiary Butyl Mercaptan	0.0	< 0.1	0.5
Methyl Ethyl Sulfide	0.0	< 0.1	0.5
Diethyl Disulfide	0.0	< 0.1	0.5
Other Components	0.0	0.2	0.5

The information set forth herein is furnished free of charge and is based on technical data that M Chemical believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

PACKAGING and SHIPPING: **ETHYL MERCAPTAN** is shipped as Ethyl Mercaptan, 3, UN2363, PG I, Marine Pollutant, in the following containers:

100	Gallon Cylinders	700 lbs. (318 kg.) - net weight
50	Gallon Cylinders	350 lbs. (159 kg.) - net weight
5	Gallon Cylinders	30 lbs. (14 kg.) - net weight
55	Gallon Drums	350 lbs. (159 kg.) - net weight
10	Gallon Drums	65 lbs. (30 kg.) - net weight
5	Gallon Drums	30 lbs. (14 kg.) - net weight

Tank Trucks: 3,000 to 6,000 Gallons ..... 20,000 to 42,000 lbs. net weight (9,100 to 19,000 kg.)

STORAGE and HANDLING

Drums should be stored in such a manner that they are protected from the elements. Direct sunlight or heat will increase the vapor pressure inside the drum causing excessive release of odor when the drums is opened. If drums are stored outside, they should be in a horizontal position to avoid accumulating water on the drum. Eye protection and chemical resistant gloves are recommended when handling ETHYL MERCAPTAN. In case of contact, shower with soap if possible.

WARNING

THE INTENSITY OF NATURAL GAS AND LIQUID PETROLEUM GAS ODORANT ("ODORANT") MAY FADE DUE TO CHEMICAL OXIDATION, ADSORPTION OR ABSORPTION. SOME PEOPLE HAVE NASAL PERCEPTION PROBLEMS AND MAY NOT BE ABLE TO SMELL THE ODORANT. SLEEPING PERSONS MAY NOT BE AWAKENED BY, AND THEREFORE MAY NOT DETECT THE ODORANT. OTHER ODORS MAY MASK OR HIDE THE STENCH OF THE ODORANT. WHILE THE ODORANT MAY NOT IMPACT THE WARNING OF THE PRESENCE OF NATURAL GAS OR LIQUID PETROLEUM GAS IN EVERY INSTANCE, IT IS GENERALLY EFFECTIVE IN A MAJORITY OF SITUATIONS. FAMILIARIZE YOURSELF, YOUR EMPLOYEES AND YOUR CUSTOMERS WITH THIS WARNING AND OTHER FACTS ASSOCIATED WITH THE SO-CALLED ODOR-FADE PHENOMENON, INCLUDING THE STANDARD WARNING INFORMATION SHIPPED WITH THE ODORANT. IF YOU DO NOT ALREADY KNOW ALL THE FACTS, WRITE AND ASK FOR MORE INFORMATION ABOUT THE ODORANT AND THE OTHER SAFETY CONSIDERATIONS ASSOCIATED WITH ITS USE.

850 Colorado Blvd., Suite 202 Los Angeles, CA 90041 • Tel: (323) 254-9798 • Fax: (323) 257-6968

Exhibit 15

D

TAB D

WELL STATUS AND CONDITION REPORT

Finger Lakes Gallery 1

Well 33

API No.:31-097-52932-00-01
Ground elevation = ~681 feet Total Depth – 2,758 feet
Casing seat = 2,000 feet.
Top of cavern = 2,013 feet
Top of rubble, bottom of existing cavern = 2,218 feet.
Status: reentered for pressure testing. Will be converted to LPG storage.

Well 43

API No.: 31-097-61199-00-01
Ground elevation = ~702 feet Total Depth – 2,830 feet
Casing seat = 2,123 feet.
Top of cavern = 2,134 feet
Top of rubble, bottom of existing cavern = 2,322 feet.
Status: rework to use for LPG storage.

Well 34

API No.:31-097-61190-00-01
Ground elevation = ~706 Total Depth – 2,781 feet
Casing seat = 2,212 feet.
Top of cavern = 2,167 feet
Top of rubble, bottom of existing cavern = 2,382 feet.
Status: to be plugged and abandoned.

Well 44

API No.:31-097-61200-00-01
Ground elevation = ~706 feet Total Depth – 2,823 feet
Casing seat = 2,270 feet.
Top of cavern = 2,274 feet
Top of rubble, bottom of existing cavern = 2,418 feet.
Status: liner cemented, need MIT for conversion to LPG storage.

Finger Lakes Gallery 2 (from 1989 Plugging Reports)

Well 30

API No.:31-097-61188-00-00
Ground elevation = ~747 feet. Total Depth - 2,854 feet in 1958.
Casing seat = 2,506 feet.
Top of cavern = 2,498 feet.
Top of rubble, bottom of existing cavern = 2,540 feet.
Status: Used for brine production and converted to LPG storage from 1964 to 1984.
P/A in 1989, reentered in 1997, will be converted to LPG storage.

Well 45

API No.:31-097-61201-00-00
Ground elevation = ~719 feet. Total Depth – 2,870 feet
Casing seat = well casing cemented in the rubble pile at 2,816 feet within the interconnected cavern between wells 30 and 31.
Top of cavern = 2,780 feet.
Top of rubble, bottom of existing cavern = not applicable (n/a).
Status: Used for water and brine displacements for LPG storage in wells 30 and 31 from 1967 to 1984. Plugged and Abandoned in 1989. To be replaced with new well.

Well 31

API No.:31-097-61189-00-00
Ground elevation = ~687 feet. Total Depth – 2,806 feet
Casing seat = 2,801 feet.
Top of cavern = 2,357 feet.
Top of rubble, bottom of existing cavern = 2,444 feet.
Status: Used for LPG storage from 1964 to 1984. Plugged and abandoned in 1989.
To be replaced with a new well.

E

State of Missouri)
)
County of Jackson)

STORAGE RIGHTS AFFIDAVIT

William R. Moler, being first duly sworn, says that Finger Lakes LPG Storage, LLC, a Delaware limited liability company, has acquired by deed, grant, lease, or other agreement at least seventy-five percent of the storage rights in the Finger Lakes Liquid Petroleum Gas (LPG) Storage Facility calculated on the basis of surface acreage. Galleries 1 and 2 are both on property owned in fee by Finger Lakes' affiliate US Salt.

FINGER LAKES LPG STORAGE, LLC

By: _____
William R. Moler
Senior Vice President – Midstream Operations

Sworn to before me and subscribed
in my presence this 8th day of October, 2009.

Eileen Braznell
Notary Public

NOTARY PUBLIC NOTARY SEAL STATE OF MISSOURI

EILEEN BRAZNELL
My Commission Expires
March 30, 2012
Jackson County
Commission #08518329

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85-15-12 (8/91)--26b

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF MINERAL RESOURCES
625 BROADWAY - 3RD FLOOR, ALBANY, NEW YORK 12233-6500

OFFICE FILE NUMBER

ORGANIZATIONAL REPORT

INCOMPLETE FORMS NOT ACCEPTABLE AND WILL BE RETURNED FOR COMPLETION

1. FULL NAME AND COMPLETE MAILING ADDRESS OF THE ENTITY, INCLUDE NAME AND TITLE TO WHOM ALL CORRESPONDENCE SHOULD BE SENT

Finger Lakes LPG Storage, LLC
c/o Inergy Midstream, LLC
Two Brush Creek Blvd., Suite 200
Kansas City, Missouri 64112
Attn: W. R. (Bill) Moler, Senior Vice President,
Inergy Midstream, LLC

TELEPHONE (816) 329.5344

FAX NUMBER (816) 531.0746

2. FULL NAME AND COMPLETE MAILING ADDRESS OF AGENT IN NEW YORK WHO CAN BE SERVED ORDERS, NOTICES AND PROCESSES OF THE DEPARTMENT OR OF ANY COURT OF LAW POST OFFICE BOX ADDRESSES ARE NOT ACCEPTABLE.

Kevin M. Bernstein, Esq.
Bond, Schoeneck & King, PLLC
One Lincoln Center
Syracuse, New York 13202-1355

TELEPHONE (315) 218.8329

3. TYPE OF ACTIVITY (Check those That Apply)

- [ ] PRODUCTION--Oil, Gas, Injection or Geothermal Well(s)
- [x] STORAGE--Underground Gas or LPG Facility
- [ ] PURCHASING--Of Oil or Gas From Others
- [ ] TRANSPORTATION--By Truck or Pipeline for Others
- [ ] SALVAGE--Plug and Abandon Wells for Others
- [ ] DRILLING--Drill Wells for Others
- [ ] SOLUTION MINING--Own/Operate Facility
- [ ] BRINE DISPOSAL--Own/Operate Facility
- [ ] STRATIGRAPHIC--Own Well or Hole
- [ ] SURFACE MINING--Own/Operate Facility
- [ ] UNDERGROUND MINING--Own/Operate Facility

4. STATE WHETHER THE ENTITY IS A CORPORATION, ASSOCIATION, PARTNERSHIP, INDIVIDUAL, PUBLIC AUTHORITY OR GOVERNMENTAL AGENCY IF FOREIGN CORPORATION, GIVE STATE AND DATE OF INCORPORATION AND DATE OF AUTHORIZATION TO DO BUSINESS IN NEW YORK STATE IF PARTNERSHIP, STATE WHETHER GENERAL OR LIMITED AND COUNTY OF FILING. IF DBA, GIVE COUNTY OF FILING

Delaware Limited Liability Company Incorporated on March 10, 2009

5. IF A NAME CHANGE GIVE COMPLETE NAME AND ADDRESS OF PREVIOUS ENTITY

None

6. IF CORPORATION OR ASSOCIATION, LIST ALL DIRECTORS AND ALL OFFICERS IF PARTNERSHIP, LIST ALL GENERAL AND ALL LIMITED PARTNERS. ATTACH ADDITIONAL SHEETS IF NECESSARY

NAME	TITLE
Officers in Inergy Midstream, LLC	
John J. Sherman	President, CEO
Laura Ozenberger	General Counsel
Brooks Sherman	Chief Financial Officer
William R. Moler	Senior Vice President

7. LIST ALL PERSONS AUTHORIZED BY THE ENTITY TO SIGN ALL SUBMITTALS TO THE DEPARTMENT

NAME	TITLE
John J. Sherman	President, CEO
Barry Cigich	Vice President Operations
William R. Moler	Senior Vice President
Barry L. Moon	Superintendent

I hereby affirm under penalty of perjury that the information provided in the report is true to the best of my knowledge and belief I am aware that false statements made in this report are punishable as a Class A misdemeanor under Section 210 45 of the Penal Law.

TYPE OR PRINT NAME OF AUTHORIZED PERSON: William R. Moler

SIGNATURE: [signature]

DATE: 9-30-09

SWORN TO AND SUBSCRIBED BEFORE ME, THIS 30th DAY OF September 2009

NOTARY PUBLIC Eileen Braznell

NOTARY PUBLIC NOTARY SEAL STATE OF MISSOURI

EILEEN BRAZNELL
My Commission Expires
March 30, 2012
Jackson County
Commission #08518329

#0851832