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Environmental Inc.





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**UNDERGROUND
STORAGE TANK
CLOSURE REPORT**

**Suffolk County Department of Public Works
Former Gallo Duck Farm
Gazzola Drive
East Patchogue, New York 11772**

Prepared For: Suffolk County Department of Public Works
335 Yaphank Avenue
Yaphank, New York 11980

Attention: Thomas Szumczyk

Prepared by: Fenley & Nicol Environmental, Inc.
445 Brook Avenue
Deer Park, New York 11729

Senior Geologist: Brian McCabe

Prepared On: March 31, 2009

F&N Job No.: 0810017

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UNDERGROUND STORAGE TANK

CLOSURE REPORT

**Suffolk County Department of Public Works
Former Gallo Duck Farm
East Patchogue, New York 11772**

Fenley & Nicol Environmental, Inc. appreciates the opportunity to provide professional services to Mr. Thomas Szumczyk, of the Suffolk County Department of Public Works, on the property known as the Former Gallo Duck Farm, located on Gazzola Drive, East Patchogue, New York.

Should you have any questions or comments regarding the contents of this report, please feel free to contact me at your convenience.

Sincerely,

Fenley & Nicol Environmental, Inc.

Prepared By:



Brian McCabe
Senior Geologist

1.0 INTRODUCTION

Fenley & Nicol Environmental, Inc (F&N) performed an underground storage tank (UST) Site Excavation Assessment at the Suffolk County property known as the Former Gallo Duck Farm, in East Patchogue, New York (hereafter referred to as "the Site"). The UST Site Excavation Assessment was conducted in accordance with the regulatory requirements of the United States Environmental Protection Agency (USEPA) Underground Storage Tank (UST) regulations 40 CFR, Part 280, and the New York State Department of Environmental Conservation (NYSDEC) Spill Prevention Operation Technology Series No. 14, May 15, 1991 (SPOTS 14). The purpose of this assessment was to evaluate the environmental quality of the soil around and beneath four (4) former heating oil USTs, and one (1) former heating oil aboveground storage tank (AST).

The scope of work included; the excavation and removal two (2) inactive 1,000-gallon heating oil USTs, two (2) inactive 550-gallon heating oil USTs and the removal of one (1) 275-gallon heating oil AST. A visual inspection of the USTs and AST. The inspection of and field screening of the excavated soil from within the tank fields for the presence of volatile organic compounds (VOC). The collection of confirmatory endpoint samples from the four (4) sidewalls and the bottom of each excavation. No samples were collected for the location of the former AST. All samples collected were submitted to York Analytical Laboratories, Inc. a New York State Environmental Laboratory Accreditation Program (ELAP) certified laboratory (ELAP No. 10854) of Stratford, Connecticut for analysis of VOCs and SVOC.

1.1 SITE DESCRIPTION

The Site is located at property owned by the Suffolk County Parks Department, known as the Former Gallo Duck Farm. The site is located on Gazzola Drive, East Patchogue, New York. The work is being performed for the Suffolk County Department of Public Works. The four (4) USTs and one (1) AST were located in separate areas on the property; each associated with either a free standing or demolished building (See Figure 1 – Site Plan).

1.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The site is located in the south central portion of Suffolk County, New York. The elevation of the subject property is approximately twenty five to thirty feet above mean sea level (U.S.G.S. 7.5 Minute, Bellport, New York Quadrangle, 1969, Photorevised 1979). Groundwater flow in the vicinity of the site is trending south. The depth to groundwater at the site varies based on the terrain between ten (10) and twenty (20) feet below the ground surface.

According to the US Department of Agriculture's, Soil Survey of Suffolk County, New York, the Site is located within the Cover and Plymouth sands and Riverhead and Haven soils, which is defined as being "Orangey brown, between 21 to 36 inches in thickness on outwash plains, nearly level to gently sloping."

2.0 WORK PERFORMED

2.1 FIELD ACTIVITIES

F&N performed the UST/AST removal at the site between February 5 2009 and February 10, 1009. All of the tanks on the site were registered with the Suffolk County Department of Health Services (SCDHS). The tanks are identified on the site plan and throughout the report by their SCDHS ID numbers. The four (4) USTs and one (1) ASTs were utilized to supply heating oil to a variety of buildings on the site. Three (3) of the buildings are still standing and two (2) of the buildings have been demolished. To document the former locations of the tank the Global Positioning System (GPS) location of the tanks are provided with the SCDHS ID numbers in *Chart A-Tank Location and Identification* below.

CHART A
TANK LOCATION AND IDENTIFICATION

SCDHS TANK ID	SIZE	TYPE	GPS COORDINATES	
5	550	UST	40°46'20.42" N	72°58'21.32"W
6	275	AST	40°46'28.84" N	72°58'25.78"W
7	550	UST	40°46'27.07" N	72°58'25.97"W
8	1,000	UST	40°46'21.92" N	72°58'28.52"W
9	1,000	UST	40°46'29.55" N	72°58'26.48"W

2.2 TANK # 5, 550 GALLON HEATING OIL UST

A 550 gallon single wall steel UST identified by the SCDHS as tank number 5 was located on the east side of a slaughterhouse on the southern portion of the property. This building is still present at the site. This UST was utilized to supply heating oil to the building. The UST excavated utilizing a backhoe to expose the tank top and to facilitate removal of residual liquid from the tank. After the UST was uncovered, a vacuum truck was utilized to pump approximately nine (9) inches (115 gallons) of residual liquid from the bottom of the UST. The UST was removed from the excavation and transported to a designated area where it would be cut and cleaned. The excavation was eight (8) feet long and seven (7) feet wide and had a total depth of six (6) feet. The UST was cut and cleaned, the tank sludge from the UST was placed in a 55 gallon drum (See Appendix A - Waste Manifests). Mr. Walter Petrule of the SCDHS and an F&N geologist inspected the UST. The UST was found to be in good condition with only slight pitting and scaling, with no observable holes: (see Appendix D – Photo Log).

2.3 TANK # 6, 275 GALLON HEATING OIL AST

A 275 gallon single wall steel AST identified by the SCDHS as tank number 6, was located in the central portion of the property on the west side of a barn/maintenance building. This AST was utilized to supply heating oil to the buildings' heating system. The AST contained

five (5) inches of liquid. A vacuum truck was utilized to pump the residual liquid from the bottom of the AST. Approximately 20 gallons of liquid was pumped from the AST. The AST was removed from the side of the building and transported to a designated area where it would be cut and cleaned. Tank sludge for the AST was placed in a 55 gallon drum (See Appendix A - Waste Manifests). Mr. Walter Petruele of the SCDHS and an F&N geologist inspected the AST. The AST was twenty seven (27) inches wide, forty four (44) inches high and five (5) feet long. The AST was found to be in good condition with no pitting or scaling. There were no holes observed in the AST (see Appendix D – Photo Log).

2.4 TANK # 7, 550 GALLON HEATING OIL UST

A 550 gallon single wall steel UST identified by the SCDHS as tank number 7 was located in the central portion of the property to the east of a foundation of a duck building that has previously been demolished. This UST was utilized to supply heating oil to the buildings' heating system. The UST excavation was performed utilizing a backhoe. After the UST was uncovered a vacuum truck was utilized to pump forty two (42) inches, approximately 470 gallons of liquid from the UST. The UST was removed from the excavation and transported to a designated area where it would be cut and cleaned. The excavation was nine (9) feet long and seven (7) feet wide and had a total depth of five (5) feet. The UST was cut and cleaned, sludge from the UST was placed in a 55 gallon drum (See Appendix A - Waste Manifests). Mr. Walter Petruele of the SCDHS and an F&N geologist inspected the UST. The UST was forty eight (48) inches in diameter and was five and a half (5.5) feet long. The UST was found to be in fair condition with only slight pitting and scaling, with no holes observed (see Appendix D – Photo Log).

2.5 TANK # 8, 1,000 GALLON HEATING OIL UST

A 1,000 gallon single wall steel UST identified by the SCDHS as tank number was located along the west side of the property on the north side of a foundation for one (1) of the duck buildings which has previously been demolished. This UST was utilized to supply heating oil to the building. The UST excavation was performed utilizing a backhoe. After the UST was

uncovered a vacuum truck was utilized to pump six (6) inches of residual liquid, approximately 50 gallons from the bottom of the UST. The UST was removed from the excavation and transported to a designated area where it would be cut and cleaned. The excavation was twelve (12) feet long and nine (9) feet wide and had a total depth of five (5) feet. The UST was cut and cleaned, tank sludge from the UST was placed in a 55 gallon drum (See Appendix A - Waste Manifests). Mr. Walter Petrule of the SCDHS and an F&N geologist inspected the UST. The UST was sixty four (64) inches in diameter and had a length of six (6) feet. The UST was found to be in good condition with only slight pitting and scaling. There were know holes observed in the UST (see Appendix D – Photo Log).

2.6 TANK # 9, 1,000 GALLON HEATING OIL UST

A 1,000 gallon UST identified by the SCDHS as tank number 9 was located on the north side of a duck building on the northern portion of the property. This building is still present. This UST was utilized to supply heating oil to the building. The UST excavation was performed utilizing a backhoe. After the UST was uncovered a vacuum truck was utilized to pump approximately eight (8) inches, 110 gallons of residual liquid from the bottom of the UST. The UST was removed from the excavation and transported to a designated area where it would be cut and cleaned. The excavation was fifteen (15) feet long and seven (7) feet wide and had a total depth of eight (8) feet. The UST was cut and cleaned, the tank sludge from the UST was placed in a 55 gallon drum (See Appendix A - Waste Manifests). Mr. Walter Petrule of the SCDHS and an F&N geologist inspected the UST. This UST was forty eight (48) inches in diameter and ten (10) feet nine (9) inches long. The UST was found to be in good condition with only slight pitting and scaling. Their were know holes observed in the UST (see Appendix D – Photo Log).

2.7 SOIL SAMPLING

A total of twenty (20) endpoint soil samples were collected from within the four (4) UST excavations. One (1) sample was collected from each side wall approximately one third of the distance off the base of the excavation. One (1) endpoint sample was collected for the base of

the excavation. On February 9, 2009, the excavations from UST-7, UST-8 and UST-9 were inspected by Mr. Petruele of the SCDHS. Five (5) endpoint soil samples were collected from each excavation by an F&N geologist. On February 10, 2009 the excavation from tank 5 was inspected by Mr. Petruele of the SCDHS. An F&N geologist collected five (5) endpoint soil samples from the excavation. There was no visual or olfactory evidence of contamination in any of the soil samples collected.

The obtained samples were containerized in laboratory-issued glassware, placed into a cooler with ice, and sent to York Analytical Laboratories, Inc. a New York State Environmental Laboratory Accreditation Program (ELAP) certified laboratory (ELAP No. 10854) for analysis. All of the samples retained from the excavation were analyzed for the presence of volatile organic compounds (VOCs) via EPA Method 8260 (STARS Analyte list) and semi-volatile organic compounds (SVOCs) via EPA Method 8270 (STARS Analyte list).

3.0 ANALYTICAL RESULTS

3.1. TANK # 5, 550 GALLON HEATING OIL UST

3.1.1. Volatile Organic Compounds

A review of the analytical data from the endpoint samples collected indicated that all targeted VOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 1a – Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

3.1.2. Semi-Volatile Organic Compounds

A review of the analytical data from the endpoint samples collected indicated that all targeted SVOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 1b – Semi Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

3.2. TANK # 7, 550 GALLON HEATING OIL UST

3.2.1. Volatile Organic Compounds

A review of the analytical data from the endpoint samples collected indicated that all targeted VOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 2a – Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

3.2.2. Semi-Volatile Organic Compounds

A review of the analytical data from the endpoint samples collected indicated that all targeted SVOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 2b - Semi Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

3.3. TANK # 8, 1,000 GALLON HEATING OIL UST

3.3.1. Volatile Organic Compounds

A review of the analytical data from the endpoint samples collected indicated that all targeted VOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 3a – Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

3.3.2. Semi-Volatile Organic Compounds

A review evaluation of the analytical data from the endpoint samples collected indicated that all targeted SVOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 3b - Semi Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

3.4. TANK # 9, 1,000 GALLON HEATING OIL UST

3.4.1. Volatile Organic Compounds

A review of the analytical data from the endpoint samples collected indicated that all targeted VOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 4a – Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

3.4.2. Semi-Volatile Organic Compounds

A review of the analytical data from the endpoint samples collected indicated that all targeted SVOCs were reported as none detected and therefore, below their respective NYSDEC guidance values and/or the laboratory's method detection limit. A summary of the analytical results is presented in **Table 4b Semi Volatile Organic Compounds** (see Appendix D – Laboratory Analytical Report).

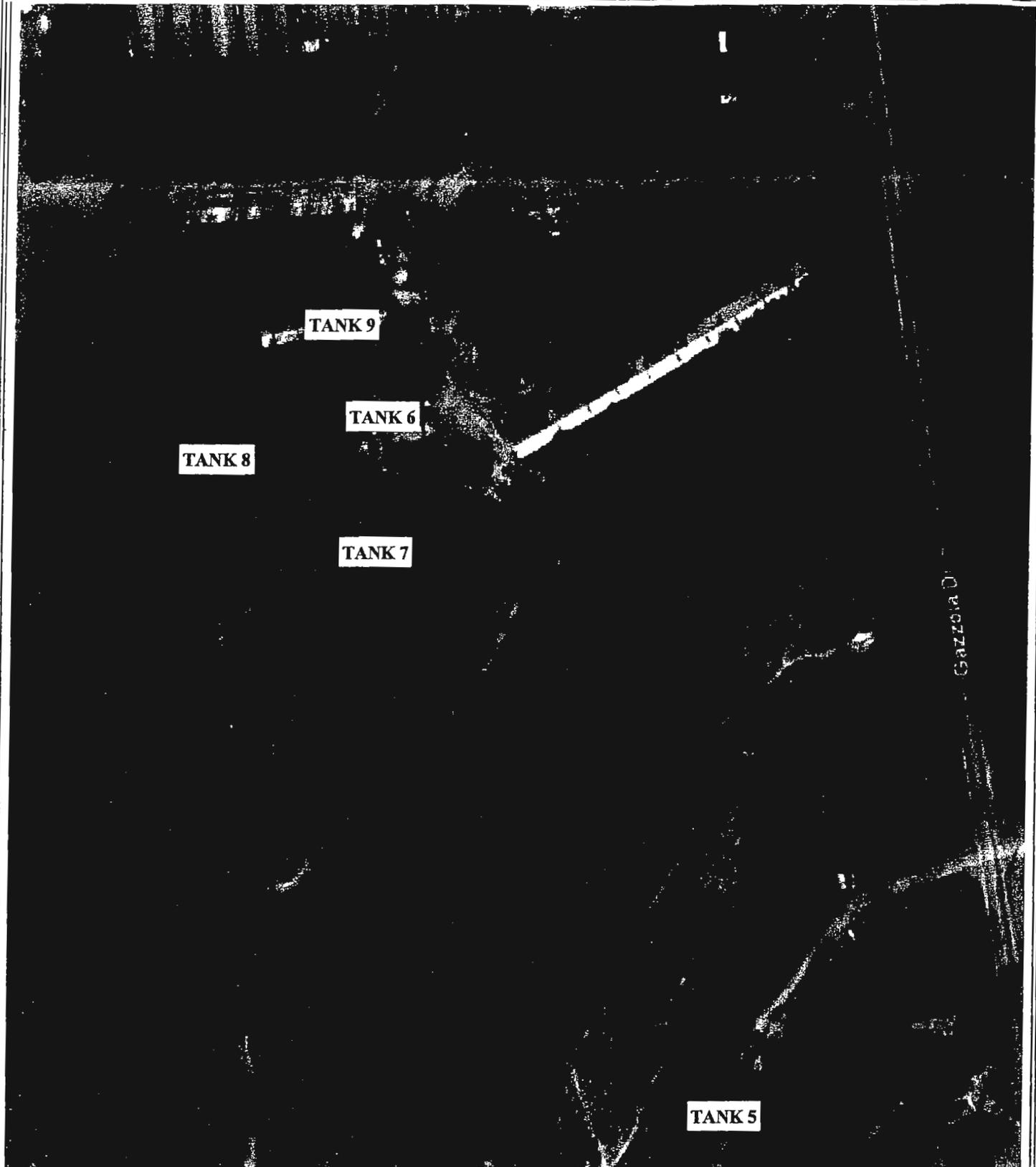
4.0 CONCLUSIONS AND RECOMMENDATIONS

During February 2009, four (4) USTs and one (1) AST were removed from the former Gallo Duck Farm. All of the tanks were utilized for the storage of number 2 heating oil. At the time of removal, all of the USTs and the AST were found to be in fair to good condition with only slight pitting. Soil samples were collected from the side walls and bottom of each UST excavation. At the time the soil samples were collected, on visual of olfactory evidence of impacted soil was present. The soil samples were submitted to an ELAP certified laboratory for analysis. A review of the analytical data generated indicated all VOCs and SVOCs were non-detect and therefore below their NYSDEC Guidance Values.

Based upon field observation and the laboratory data, F&N recommends the following:

- No additional work be performed at the site relating to any of the USTs or AST removed from the site
- A copy of this report be forwarded to the SCDHS for their records

FIGURES



Fenley & Nicol
 Professional Services Division

FIGURE 1
 SITE PLAN

LEGEND

 - TANK #

SCALE:

GEOLOGIST: B.M.

JOB #: 0810017

DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017

TABLES

TABLE 1a**Tank 5**

**Gallo Duck Farm
Patchogue, New York**

**Soil Samples: Endpoint
Volatile Organic Compounds**

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	10,000
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	3,300
Benzene	ND	ND	ND	ND	ND	60
Ethylbenzene	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	2,300
MTBE	ND	ND	ND	ND	ND	120
Napthalene	ND	ND	ND	ND	ND	13,000
n-Butylbenzene	ND	ND	ND	ND	ND	10,000
n-Propylbenzene	ND	ND	ND	ND	ND	3,700
o-Xylene	ND	ND	ND	ND	ND	600
p&m Xylene	ND	ND	ND	ND	ND	1,200
p-Isopropyltoluene	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	10,000
Toluene	ND	ND	ND	ND	ND	1,500

Notes: NGV: denotes no NYSDEC Guidance Value
ND: Not Detected

TABLE 1b**Tank 5**

**Gallo Duck Fark
Patchogue, New York**

**Soil Samples: Endpoint
Semi Volatile Organic Compounds**

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
Acenaphthene	ND	ND	ND	ND	ND	50,000
Acenaphthylene	ND	ND	ND	ND	ND	41,000
Anthracene	ND	ND	ND	ND	ND	50,000
Benzo[a]anthracene	ND	ND	ND	ND	ND	224
Benzo[a]pyrene	ND	ND	ND	ND	ND	61
Benzo[b]fluorathene	ND	ND	ND	ND	ND	61
Benzo[g,h,i]pyrylene	ND	ND	ND	ND	ND	50,000
Benzo[k]fluoranthene	ND	ND	ND	ND	ND	610
Chrysene	ND	ND	ND	ND	ND	400
Dibenz[a,h]anthracene	ND	ND	ND	ND	ND	14
Fluoranthene	ND	ND	ND	ND	ND	50,000
Fluorene	ND	ND	ND	ND	ND	50,000
Indeno[1,2,3-cd]pyrene	ND	ND	ND	ND	ND	3,200
Naphthalene	ND	ND	ND	ND	ND	13,000
Phenanthrene	ND	ND	ND	ND	ND	50,000
Pyrene	ND	ND	ND	ND	ND	50,000

Notes: NGV: denotes no NYSDEC Guidance Value

ND: Not Detected

TABLE 2a**Tank 7**

**Gallo Duck Farm
Patchogue, New York**

**Soil Samples: Endpoint
Volatile Organic Compounds**

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	10,000
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	3,300
Benzene	ND	ND	ND	ND	ND	60
Ethylbenzene	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	2,300
MTBE	ND	ND	ND	ND	ND	120
Napthalene	ND	ND	ND	ND	ND	13,000
n-Butylbenzene	ND	ND	ND	ND	ND	10,000
n-Propylbenzene	ND	ND	ND	ND	ND	3,700
o-Xylene	ND	ND	ND	ND	ND	600
p&m Xylene	ND	ND	ND	ND	ND	1,200
p-Isopropyltoluene	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	10,000
Toluene	ND	ND	ND	ND	ND	1,500

Notes: NGV: denotes no NYSDEC Guidance Value
ND: Not Detected

TABLE 2b**Tank 7**

Gallo Duck Fark
Patchogue, New York

Soil Samples: Endpoint
Semi Volatile Organic Compounds

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
Acenaphthene	ND	ND	ND	ND	ND	50,000
Acenaphthylene	ND	ND	ND	ND	ND	41,000
Anthracene	ND	ND	ND	ND	ND	50,000
Benzo[a]anthracene	ND	ND	ND	ND	ND	224
Benzo[a]pyrene	ND	ND	ND	ND	ND	61
Benzo[b]fluorathene	ND	ND	ND	ND	ND	61
Benzo[g,h,i]pyrylene	ND	ND	ND	ND	ND	50,000
Benzo[k]fluoranthene	ND	ND	ND	ND	ND	610
Chrysene	ND	ND	ND	ND	ND	400
Dibenz[a,h]anthracene	ND	ND	ND	ND	ND	14
Fluoranthene	ND	ND	ND	ND	ND	50,000
Fluorene	ND	ND	ND	ND	ND	50,000
Indeno[1,2,3-cd]pyrene	ND	ND	ND	ND	ND	3,200
Naphthalene	ND	ND	ND	ND	ND	13,000
Phenanthrene	ND	ND	ND	ND	ND	50,000
Pyrene	ND	ND	ND	ND	ND	50,000

Notes: NGV: denotes no NYSDEC Guidance Value

ND: Not Detected

TABLE 3a**Tank 8**

**Gallo Duck Fark
Patchogue, New York**

**Soil Samples: Endpoint
Volatile Organic Compounds**

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	10,000
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	3,300
Benzene	ND	ND	ND	ND	ND	60
Ethylbenzene	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	2,300
MTBE	ND	ND	ND	ND	ND	120
Napththalene	ND	ND	ND	ND	ND	13,000
n-Butylbenzene	ND	ND	ND	ND	ND	10,000
n-Propylbenzene	ND	ND	ND	ND	ND	3,700
o-Xylene	ND	ND	ND	ND	ND	600
p&m Xylene	ND	ND	ND	ND	ND	1,200
p-Isopropyltoluene	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	10,000
Toluene	ND	ND	ND	ND	ND	1,500

Notes: NGV: denotes no NYSDEC Guidance Value
ND: Not Detected

TABLE 3a**Tank 8**

Gallo Duck Fark
Patchogue, New York

Soil Samples: Endpoint
Volatile Organic Compounds

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	10,000
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	3,300
Benzene	ND	ND	ND	ND	ND	60
Ethylbenzene	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	2,300
MTBE	ND	ND	ND	ND	ND	120
Napththalene	ND	ND	ND	ND	ND	13,000
n-Butylbenzene	ND	ND	ND	ND	ND	10,000
n-Propylbenzene	ND	ND	ND	ND	ND	3,700
o-Xylene	ND	ND	ND	ND	ND	600
p&m Xylene	ND	ND	ND	ND	ND	1,200
p-Isopropyltoluene	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	10,000
Toluene	ND	ND	ND	ND	ND	1,500

Notes: NGV: denotes no NYSDEC Guidance Value
ND: Not Detected

TABLE 4a**Tank 9**

**Gallo Duck Fark
Patchogue, New York**

**Soil Samples: Endpoint
Volatile Organic Compounds**

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	10,000
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	3,300
Benzene	ND	ND	ND	ND	ND	60
Ethylbenzene	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	2,300
MTBE	ND	ND	ND	ND	ND	120
Napthalene	ND	ND	ND	ND	ND	13,000
n-Butylbenzene	ND	ND	ND	ND	ND	10,000
n-Propylbenzene	ND	ND	ND	ND	ND	3,700
o-Xylene	ND	ND	ND	ND	ND	600
p&m Xylene	ND	ND	ND	ND	ND	1,200
p-Isopropyltoluene	ND	ND	ND	ND	ND	10,000
sec-Butylbenzene	ND	ND	ND	ND	ND	10,000
tert-Butylbenzene	ND	ND	ND	ND	ND	10,000
Toluene	ND	ND	ND	ND	ND	1,500

Notes: NGV: denotes no NYSDEC Guidance Value
ND: Not Detected

TABLE 4b**Tank 9**

**Gallo Duck Fark
Patchogue, New York**

**Soil Samples: Endpoint
Semi Volatile Organic Compounds**

Sample ID Depth (feet) Date Compound	West Wall 8.0 12/2/2008 (µg/kg)	South Wall 8.0 12/2/2008 (µg/kg)	East Wall 8.0 12/2/2008 (µg/kg)	North Wall 8.0 12/2/2008 (µg/kg)	Bottom 18.0 12/2/2008 (µg/kg)	NYSDEC Guidance Values (µg/kg)
Acenaphthene	ND	ND	ND	ND	ND	50,000
Acenaphthylene	ND	ND	ND	ND	ND	41,000
Anthracene	ND	ND	ND	ND	ND	50,000
Benzo[a]anthracene	ND	ND	ND	ND	ND	224
Benzo[a]pyrene	ND	ND	ND	ND	ND	61
Benzo[b]fluorathene	ND	ND	ND	ND	ND	61
Benzo[g,h,i]pyrylene	ND	ND	ND	ND	ND	50,000
Benzo[k]fluoranthene	ND	ND	ND	ND	ND	610
Chrysene	ND	ND	ND	ND	ND	400
Dibenz[a,h]anthracene	ND	ND	ND	ND	ND	14
Fluoranthene	ND	ND	ND	ND	ND	50,000
Fluorene	ND	ND	ND	ND	ND	50,000
Indeno[1,2,3-cd]pyrene	ND	ND	ND	ND	ND	3,200
Naphthalene	ND	ND	ND	ND	ND	13,000
Phenanthrene	ND	ND	ND	ND	ND	50,000
Pyrene	ND	ND	ND	ND	ND	50,000

Notes: NGV: denotes no NYSDEC Guidance Value

ND: Not Detected

APPENDIX A
WASTE MANIFESTS

FENLEY & NICOL ENVIRONMENTAL INC. NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # 0810014

DATE _____

MANIFEST # **No.** 24822

1. GENERATOR OF WASTE

NAME SCU
 ADDRESS 1000 1st St
 PHONE NUMBER _____
 SITE LOCATION 1000 1st St

2. IDENTIFICATION OF WASTE

PROPER U.S. D.O.T. SHIPPING NAME STATE CODE CONTAINER TYPE QTY.

Spill # (if applicable)	ERG #		

3. GENERATOR'S CLASSIFICATION

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR _____
 and/or (Authorized Agent) please print or type

SUPERVISOR'S SIGNATURE _____ TITLE _____

4. TRANSPORTER NAME AND ADDRESS (#1) (#2)

NAME <u>FENLEY & NICOL ENVIRONMENTAL INC.</u>	NAME _____
ADDRESS <u>445 BROOK AVENUE, DEER PARK, NY 11729</u>	ADDRESS _____
PHONE NUMBER <u>24 Hour Emergency# (516) 586-4900</u>	PHONE NUMBER _____
DRIVER'S NAME _____ SIGNATURE _____	DRIVER'S NAME _____ SIGNATURE _____
INDUSTRIAL WASTE HAULER PERMIT # <u>1A-036</u> VEHICLE PLATE # _____	INDUSTRIAL WASTE HAULER PERMIT # _____ VEHICLE PLATE # _____

5. DISPOSAL SITE (Must be filled in by disposal site)

NAME OF FACILITY FENLEY & NICOL ENVIRONMENTAL
 ADDRESS OF FACILITY 445 BROOK AVE
DEER PARK, N.Y 11729
 PHONE NUMBER _____

This load was received as stated by generator YES NO

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable) _____

DISPOSAL SITE INSPECTOR NAME Alan S. ...

SIGNATURE _____ DATE 1/1/09

FENLEY & NICOL ENVIRONMENTAL INC. NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # 0810014

DATE 2/1/09

MANIFEST # No. 24802

1. GENERATOR OF WASTE

NAME FENLEY & NICOL

ADDRESS 445 BROOK AVE

PHONE NUMBER _____

SITE LOCATION DEER PARK, NY

2. IDENTIFICATION OF WASTE

PROPER U.S. D.O.T. SHIPPING NAME STATE CODE CONTAINER TYPE QTY.

<u>WASTE OIL</u>	<u>NY</u>	<u>DRUM</u>	<u>151</u>
Spill # (if applicable)	ERG #		

3. GENERATOR'S CLASSIFICATION

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR Gabe Galt
and/or (Authorized Agent) please print or type

SUPERVISOR'S SIGNATURE _____ TITLE Superintendent

4. TRANSPORTER NAME AND ADDRESS (#1)

NAME FENLEY & NICOL ENVIRONMENTAL INC.

ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729

PHONE NUMBER 24 Hour Emergency# (516) 586-4900

DRIVER'S NAME _____ SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # NY 24802

(#2)

NAME _____

ADDRESS _____

PHONE NUMBER _____

DRIVER'S NAME _____ SIGNATURE _____

INDUSTRIAL WASTE HAULER PERMIT # _____ VEHICLE PLATE # _____

5. DISPOSAL SITE (Must be filled in by disposal site)

NAME OF FACILITY FENLEY & NICOL ENVIRONMENTAL

ADDRESS OF FACILITY 445 BROOK AVE
DEER PARK, N.Y 11729

PHONE NUMBER _____

This load was received as stated by generator YES NO

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable) _____

DISPOSAL SITE INSPECTOR NAME Alexander

SIGNATURE _____ DATE 2/1/09

APPENDIX B
PHOTO LOG



Tank 5

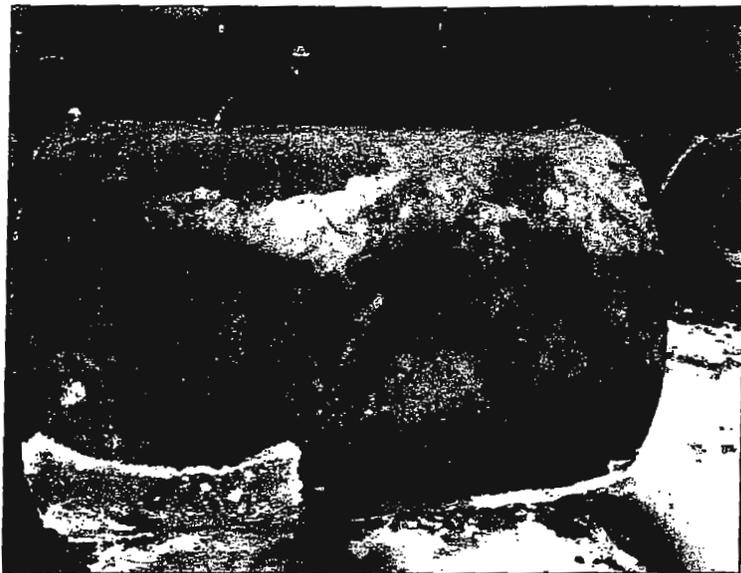


Tank 6

Fenley & Nicol
 Professional Services Division

PHOTO LOG

SCALE:	GEOLOGIST: B.M.	JOB #: 0810017
DATE: 4/2/09	DRAWN BY: J.F.	FILE NAME: P1-0810017



Tank 7



Tank 8

Ferrey & Nicol
Professional Services Division

PHOTO LOG

SCALE:

GEOLOGIST: B.M.

JOB #: 0810017

DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017



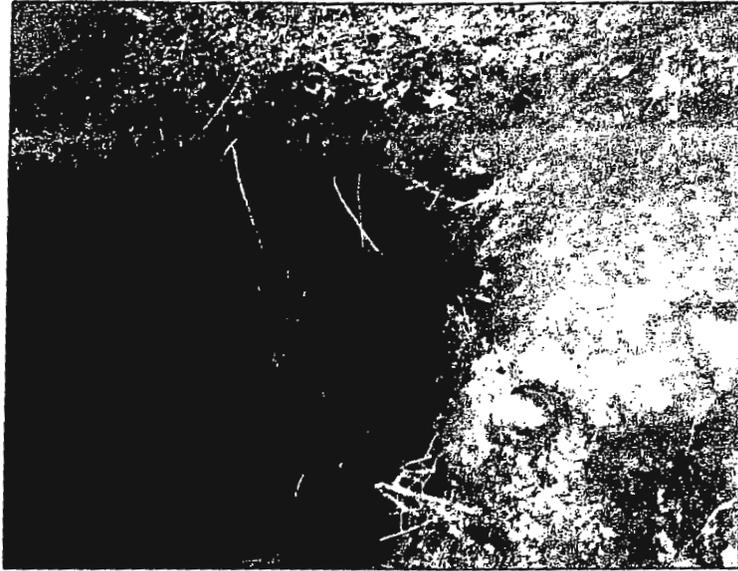
Tank 9

Fenley & Nicol
Professional Services Division

415 BRICK - 2ND FLOOR
1000 WEST 10TH AVENUE

PHOTO LOG

SCALE:	GEOLOGIST: B.M.	JOB #: 0810017
DATE: 4/2/09	DRAWN BY: J.F.	FILE NAME: P1-0810017



Tank 5 North Wall



Tank 5 South Wall

Fenley & Nicol
Professional Services Division

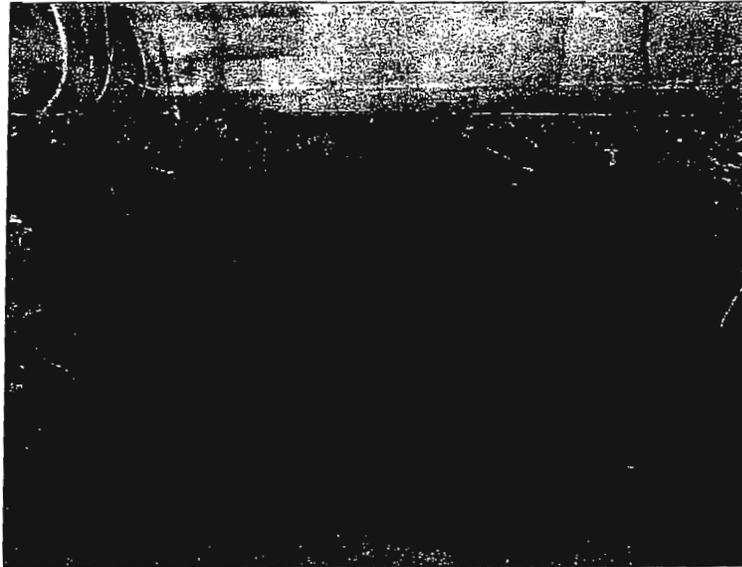
410 SOUTH A STREET, DEER PARK,
NEW YORK STATE 11762-5500

PHOTO LOG

SCALE:	GEOLOGIST: B.M.	JOB #: 0810017
DATE: 4/2/09	DRAWN BY: J.F.	FILE NAME: P1-0810017



Tank 5 East Wall



Tank 5 West Wall

Fantley & Nicol
Professional Services Division

PHOTO LOG

SCALE:

GEOLOGIST: B.M.

JOB #: 0810017

DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017



Tank 5 Bottom

Fanley & Nicol
Professional Services Division

448 FRENCH AVE. S.E. WILSONVILLE, OR 97148
TEL: 503/261-7229 FAX: 503/261-7229

PHOTO LOG

SCALE:

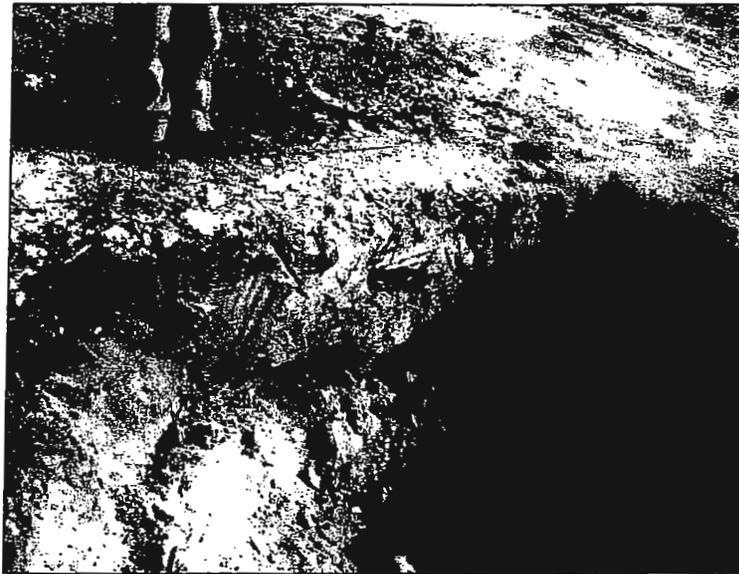
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JOB #: 0810017

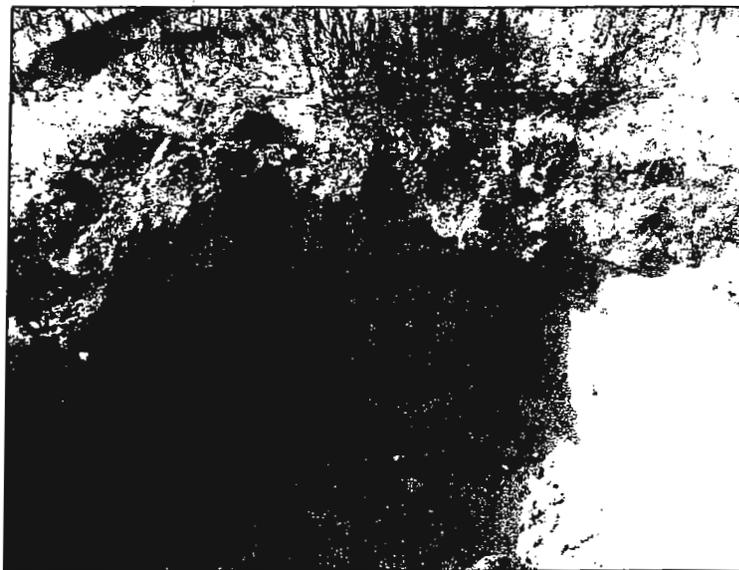
DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017



Tank 7 North Wall

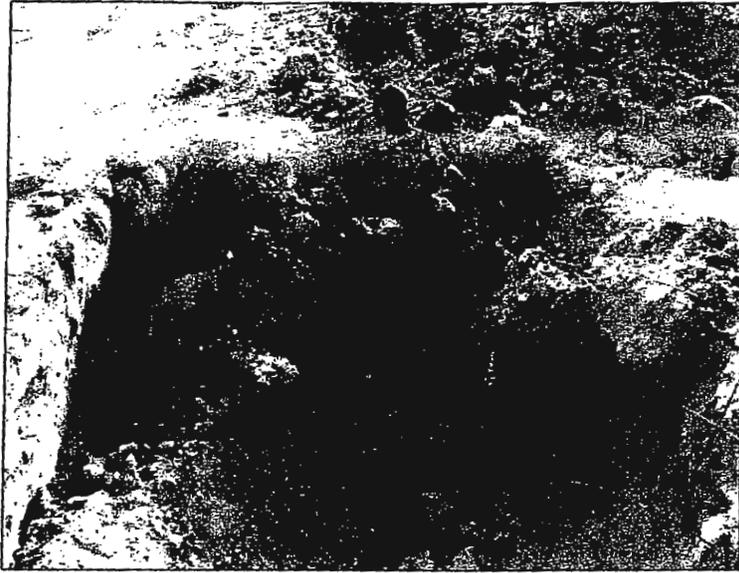


Tank 7 South Wall

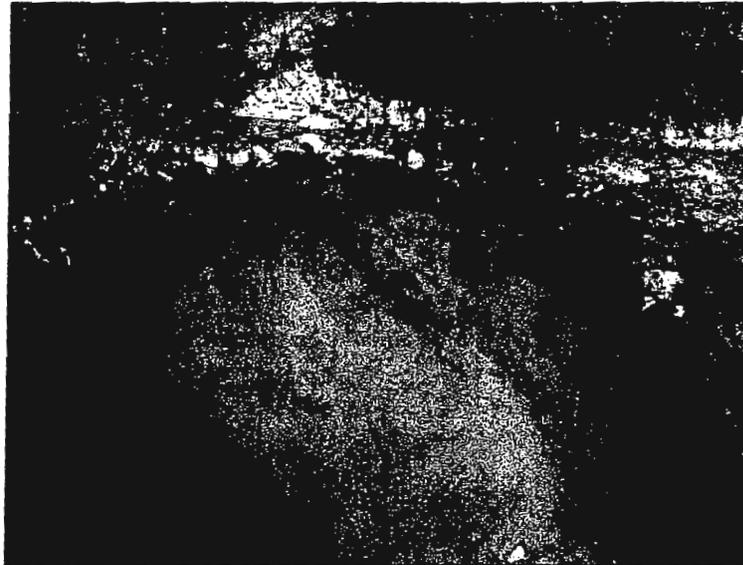
Fantley & Nicol
Professional Services Division

PHOTO LOG

SCALE:	GEOLOGIST: B.M.	JOB #: 0810017
DATE: 4/2/09	DRAWN BY: J.F.	FILE NAME: P1-0810017



Tank 7 East Wall



Tank 7 West Wall

Ferley & Nicol
Professional Services Division

PHOTO LOG

SCALE:

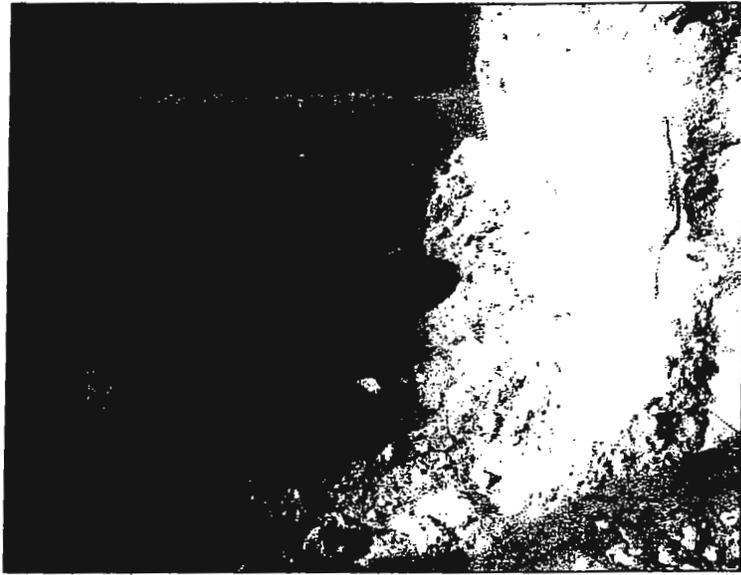
GEOLOGIST: B.M.

JOB #: 0810017

DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017



Tank 7 Bottom

Fennell & Nicol
Professional Services Division

PHOTO LOG

SCALE:

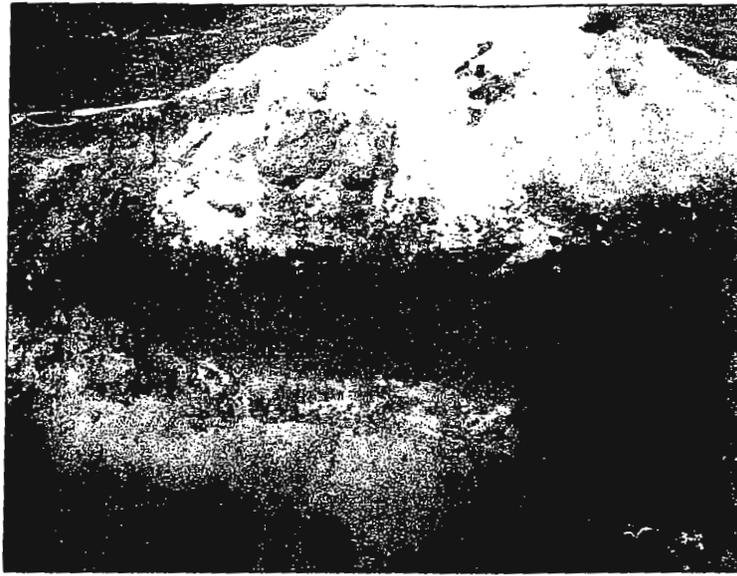
GEOLOGIST: B.M.

JOB #: 0810017

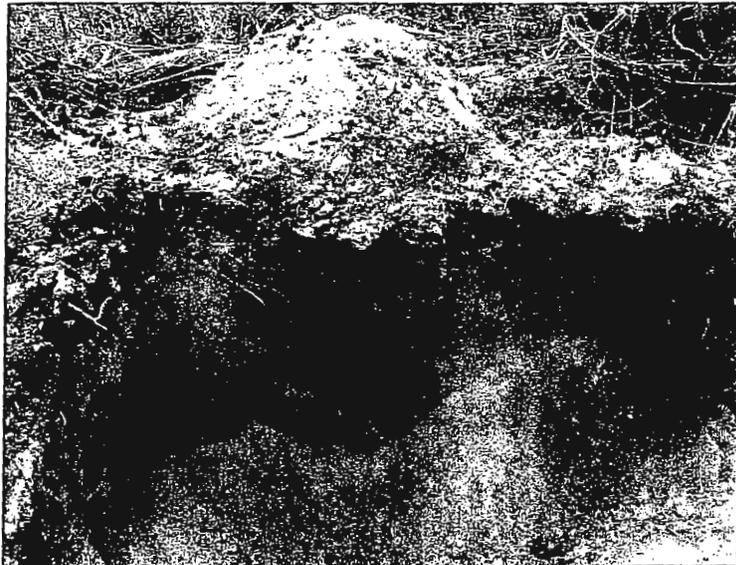
DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017



Tank 8 North Wall



Tank 8 South Wall

Fantley & Nicol
Professional Services Division

PHOTO LOG

SCALE:

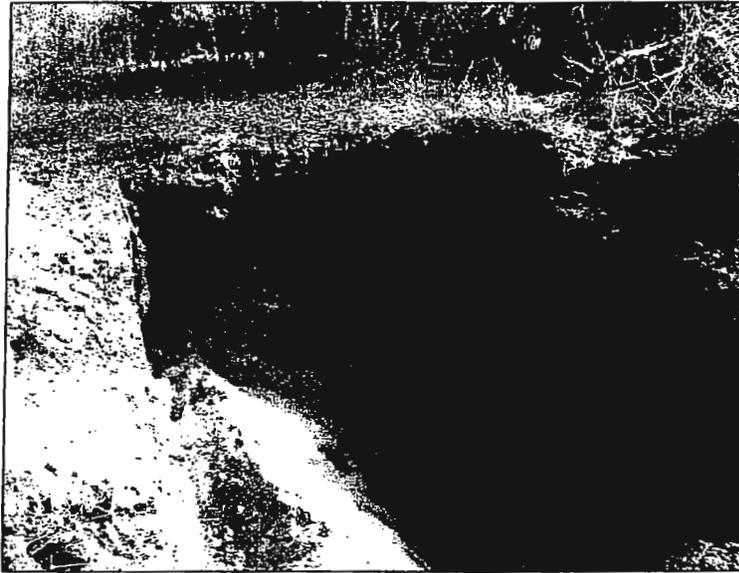
GEOLOGIST: B.M.

JOB #: 0810017

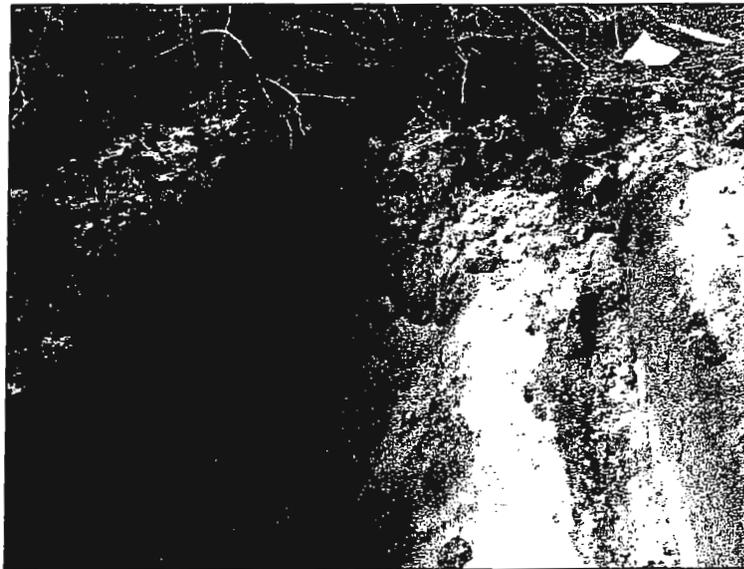
DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017



Tank 8 East Wall



Tank 8 West Wall & Bottom

Ferrey & Nicol
Professional Services Division

PHOTO LOG

SCALE:

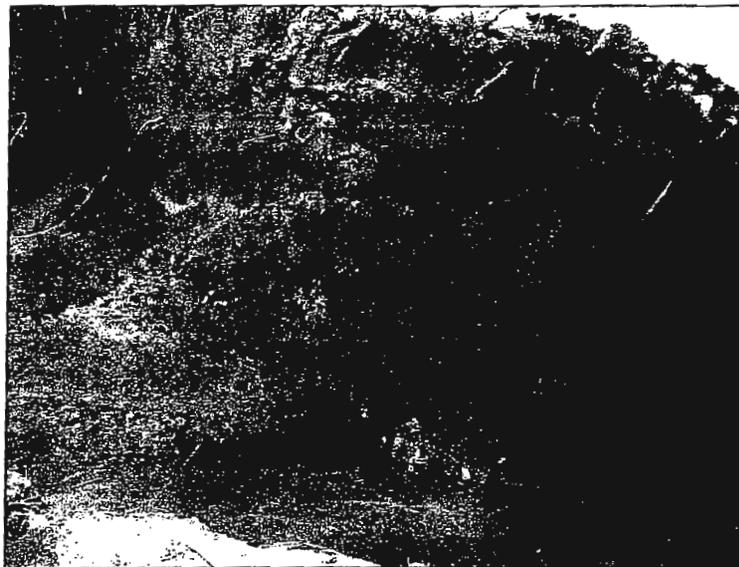
GEOLOGIST: B.M. JOB #: 0810017

DATE: 4/2/09

DRAWN BY: J.F. FILE NAME: P1-0810017



Tank 9 North Wall



Tank 9 South Wall & Bottom

Fenley & Nicol
Professional Services Division

145 WEST 14TH STREET, SUITE 200
NEW YORK, NY 10011
TEL: 212-261-1111 FAX: 212-261-1112

PHOTO LOG

SCALE:

GEOLOGIST: B.M.

JOB #: 0810017

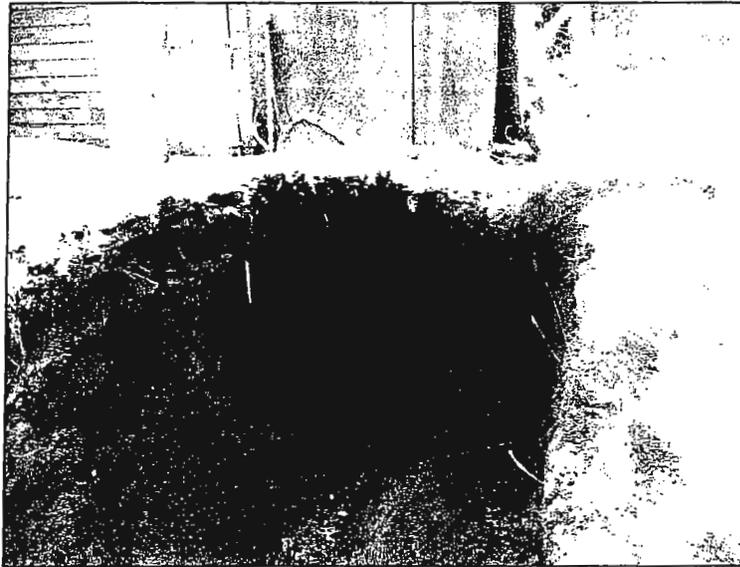
DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017



Tank 9 East Wall



Tank 9 West Wall

Fenley & Nicol
Professional Services Division

PHOTO LOG

SCALE:

GEOLOGIST: B.M.

JOB #: 0810017

DATE: 4/2/09

DRAWN BY: J.F.

FILE NAME: P1-0810017

APPENDIX C
F&N AFFIDAVIT



445 Brook Avenue, Deer Park, NY 11729

(631) 586-4900 • NYC (718) 204-4993

FAX (631) 586-4920

AFFIDAVIT

April 8, 2009

Suffolk County Department of Public Works
335 Yaphank Avenue
Yaphank, NY 11980

Re: Former Gallo Duck Farm Site, Patchogue, New York

Please be advised that from February 5 to February 10, 2009, Fenley & Nicol Environmental, Inc. removed and legally disposed of two (2) 550-gallon single wall steel heating oil underground storage tanks, one (1) 275-gallon single wall steel heating oil aboveground storage tank and two (2) 1,000-gallon single wall steel heating oil underground storage tanks from the above referenced location. If you have any questions regarding this information, please feel free to contact me at (631) 586-4900, extension 155.

Regards,

A handwritten signature in black ink that reads 'James Sear M.'

James Sear
Construction Manager

State of: New York

County of: Suffolk

Sworn to before me this 8th day of April, 2009

A handwritten signature in black ink that reads 'Josephine Macdonald'.

Notary Signature

JOSEPHINE MACDONALD
NOTARY PUBLIC, State of New York
NO. 30-4653633
Qualified in Suffolk County
Commission Expires July 31, 2009

APPENDIX D
LABORATORY ANALYTICAL REPORT

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Fenley & Nicol Environmental
445 Brook Ave.
Deer Park, NY 11729
Attention: Brian McCabe

Report Date: 2/17/2009

Re: Client Project ID: 0810017 / Gallo Duck Farm

York Project No.: 09020305

CT License No. PH-0723

New Jersey License No. CT-005

New York License No. 10854



Report Date: 2/17/2009
 Client Project ID: 0810017 / Gallo Duck Farm
 York Project No.: 09020305

Fenley & Nicol Environmental
 445 Brook Ave.
 Deer Park, NY 11729
 Attention: Brian McCabe

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 02/11/09. The project was identified as your project "0810017 / Gallo Duck Farm".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			T-8 Northwall		T-8 Southwall	
York Sample ID			09020305-01		09020305-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0

YORK

Client Sample ID			T-8 Northwall		T-8 Southwall	
York Sample ID			09020305-01		09020305-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			T-8 Eastwall		T-8 Westwall	
York Sample ID			09020305-03		09020305-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165

YORK

Client Sample ID			T-8 Eastwall		T-8 Westwall	
York Sample ID			09020305-03		09020305-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			T-8 Bottom		T-9 Northwall	
York Sample ID			09020305-05		09020305-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

YORK

Client Sample ID			T-9 Southwall		T-9 Eastwall	
York Sample ID			09020305-07		09020305-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			T-9 Westwall		T-9 Bottom	
York Sample ID			09020305-09		09020305-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0

YORK

Client Sample ID			T-9 Westwall		T-9 Bottom	
York Sample ID			09020305-09		09020305-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/KG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			T-5 Northwall		T-5 Southwall	
York Sample ID			09020305-11		09020305-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/KG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165

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Client Sample ID			T-5 Northwall		T-5 Southwall	
York Sample ID			09020305-11		09020305-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			T-5 Eastwall		T-5 Westwall	
York Sample ID			09020305-13		09020305-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165

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Client Sample ID			T-5 Eastwall		T-5 Westwall	
York Sample ID			09020305-13		09020305-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			T-5 Bottom		T-7 Northwall	
York Sample ID			09020305-15		09020305-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

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Client Sample ID			T-7 Southwall		T-7 Eastwall	
York Sample ID			09020305-17		09020305-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kg	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Client Sample ID			T-7 Westwall		T-7 Bottom	
York Sample ID			09020305-19		09020305-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	Not detected	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0

YORK

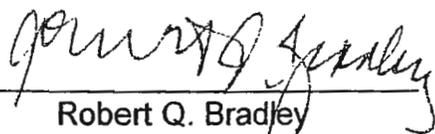
Client Sample ID			T-7 Westwall		T-7 Bottom	
York Sample ID			09020305-19		09020305-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kg	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 09020305

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____


Robert Q. Bradley
Managing Director

Date: 2/17/2009

YORK

Field Chain-of-Custody Record

09020305

Company Name F&N	Report To: Brian McCabe	Invoice To: F&N	Project ID/No. 0810017	Samples Collected By (Signature) <i>Brian McCabe</i>
			Gallo Ducks Farm	Name (Printed) Brian McCabe

Sample No.	Location/ID	Date Sampled	Sample Matrix			ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air		
	T8 North wall	2/9/09		X			EPA 8021 STARS, EPA 8270 STARS 8 ⁰² Ju-
	T8 South wall	2/9/09		X			
	T8 East wall	2/9/09		X			
	T8 West wall	2/9/09		X			
	T8 Bottom	2/9/09		X			
	T9 North wall	2/9/09		X			
	T9 South wall	2/9/09		X			
	T9 East wall	2/9/09		X			
	T9 West Wall	2/9/09		X			
	T9 Bottom	2/9/09		X			

Chain-of-Custody Record	Sample Relinquished by H. Bernard Carter	Date/Time 2-11-09
Bottles Relinquished from Lab by	Sample Relinquished by	Date/Time 11:21 AM
Bottles Received in Field by	Sample Received in Lab by	Date/Time <i>[Signature]</i>

Comments/Special Instructions
 390K
 Turn-Around Time 3.5
 Standard RUSH(define)

Field Chain-of-Custody Record

09020305

Company Name FN	Report To: Brian McCabe F4N	Invoice To:	Project ID/No. 0810017	Samples Collected By (Signature) <i>Brian McCabe</i>
			Guallo Duck Farm	Name (Printed) Brian McCabe

Sample No.	Location/ID	Date Sampled	Sample Matrix			ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air		
T5	North wall	2/10/09		X			EPA 8021STARS, EPA8270AAAS 802 Jan
T5	South wall	2/10/09		X			
T5	East wall	2/10/09		X			
T5	West wall	2/10/09		X			
T5	Bottom	2/10/09		X			
T7	North wall	2/9/09		X			
T7	South wall	2/9/09		X			
T7	East wall	2/9/09		X			
T7	West wall	2/9/09		X			
T7	Bottom	2/9/09		X			

Chain-of-Custody Record		Sample Relinquished by <i>Brian McCabe</i>	Date/Time 2/10/09 15:20	Sample Received by <i>A. Bernard Horton</i>	Date/Time 2-11-09 11:21 AM
Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
Comments/Special Instructions 3.4 d1					
				Standard	RUSH(define)

***Fenley & Nicol
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