

030229101

PRELIMINARY ASSESSMENT WITH GREEN ACRES REQUIREMENTS

Vigh Property
Block 29, Lot 9.01
Millstone Township
Monmouth County, New Jersey

Prepared For:

Monmouth County Board of Recreation Commissioners
Monmouth County Park System
Land Preservation Office
805 Newman Springs Road
Lincroft, New Jersey 07738-1695

Prepared By:

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September 2004

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
GREEN ACRES PROGRAM

PO BOX 412, TRENTON, NJ 08625-0412

Instructions for completing the Preliminary Assessment Report

The purpose of a preliminary assessment is to identify the presence of any potentially contaminated areas of concern, through a diligent inquiry into the current and historic use of the site. A diligent inquiry is defined in the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-1.8, as conducting a diligent search of all legally accessible documents which are reasonably likely to contain information related to a site, and making reasonable inquiries of persons who may have knowledge of, or documents relating to a site.

A preliminary assessment report presents a history of ownership and use of a property, from the time the site was naturally vegetated or utilized as farmland in accordance with N.J.A.C. 7:26E-3.1(c). Site history information can be obtained from records sources including, but not limited to the following: Sanborn Fire Insurance Maps; MacRae's Industrial Directory; Title and Deed; Site plans and as-built drawings; and federal, state, county and local government files. Information necessary to make informed conclusions as to the environmental conditions of a property can be gained by interviewing persons knowledgeable of the site, such as owners and/or occupants, and by performing a site inspection. A suggested interview/site inspection questionnaire is attached.

The Green Acres Program considers the protection of public health and the expenditure of public funds to be justification for requiring work to be performed beyond the minimum technical requirements (N.J.A.C. 7:26E-1.7), in that an interpretation of the aerial photographic history of a site must be performed, regardless of site size (N.J.A.C. 7:26E-3.1(c)1.vi.). This interpretation must utilize available current and historical color, black and white and infrared aerial photographs (scale 1:18,000 or less) of the site and surrounding area at a frequency that provides the evaluator with an historical perspective of site activities. The photographic history shall date back to 1932 or the earliest photograph available. Aerial photographs are available for review at the New Jersey Department of Environmental Protection, Tidelands Management Program, Aerial Photo Library, 9 Ewing Street, Trenton, New Jersey, (609) 633-7369. Note, the applicant is not required to provide the Department with copies of the aerial photographs reviewed only an interpretation of what was observed in each photograph which may represent an environmental concern.

In addition, while the Technical Requirements for Site Remediation have not specifically identified **historic pesticide contaminated soils** as "areas of concern," the Green Acres Program considers the protection of public health and the expenditure of public funds to be justification for requiring work to be performed beyond the minimum technical requirements (N.J.A.C. 7:26E-1.7), in that the potential for residual pesticide contamination be included in the assessment. This requirement is based upon the findings

of the Historic Pesticide Contamination Task Force March 1999 Findings and Recommendations for the Remediation of Historic Pesticide Contamination. The Task Force's primary concern with historic pesticide residues is the potential risk to human health posed by inadvertent, chronic ingestion of contaminated soil, particularly by children. Of the several recommendations made in the Task Force's report, two appear to relate directly to Green Acres:

Soil sampling should be conducted when an agricultural property changes land use (i.e. farmland developed into a housing development or municipal park); and

Soil sampling should be conducted in former agricultural areas intensively used by children (schools, daycare centers, and playgrounds).

Therefore, should the future use of the property include "development" as defined by the Task Force, and the assessment has identified the current or historic agricultural use of the property, the Preliminary Assessment Report shall, per N.J.A.C.7:26E-3.2(a)4, include a recommendation that either the area of concern is potentially contaminated, and thus additional investigation or remediation is required, or the area of concern is not believed to contain contaminants above the applicable remediation standard, in which case the preliminary assessment report shall include documentation for this belief.

Please note that the Department has identified numerous sites, particularly in Monmouth and Burlington Counties, on which elevated levels of arsenic and beryllium as well as several other presumably naturally occurring metals may be associated with glauconitic marl soil types. The Preliminary Assessment shall include a review of the appropriate Soil Survey for the property being evaluated, to determine whether soils may present a concern for elevated background contaminants.

The preliminary assessment report shall include a site map detailing the subject lot and block, property, location of current and former buildings, fill areas, any areas of concern identified through diligent inquiry, a copy of the United States Geologic Survey (USGS) 7.5 minute topographical quadrangle that includes the site and an area of at least one mile radius around the site with the site location clearly noted. If a portion of the USGS quadrangle is used, the scale, north arrow, contour interval, longitude and latitude with the name and date of the USGS quadrangle must be noted on the map.

PRELIMINARY ASSESSMENT CHECKLIST

To ensure that your Preliminary Assessment and Preliminary Assessment Report meet the minimum requirements as defined in the Technical Requirements for Site Remediation, N.J.A.C. 7:26E-3.1 through 3.2, and to avoid delays to your project that may result from submitting incomplete information, the following checklist is provided.

BEFORE SUBMITTING YOUR PRELIMINARY ASSESSMENT REPORT TO THE GREEN ACRES PROGRAM, HAVE YOU:

1. Performed a diligent inquiry? Yes

Please note: Diligent inquiry is defined in N.J.A.C.7:26E-1.8 as: Conducting a diligent search of all documents which are reasonably likely to contain information related to the object of the inquiry, which documents are in such person's possession, custody or

control, or in the possession, custody or control of any other person from whom the person conducting the search has a legal right to obtain such documents; and making reasonable inquiries of current and former employees and agents whose duties include or included any responsibility for hazardous substances, hazardous wastes, hazardous constituents, or pollutants, and any other current and former employees or agents who may have knowledge or documents relevant to the inquiry.

2. Presented a history of ownership of the property, from the time the site was naturally vegetated or utilized as farmland in accordance with N.J.A.C. 7:26E-3.1(c). Yes

Please note: N.J.A.C. 7:26E-3.1(c)1.i., states that site history information shall be obtained from sources including, but not limited to, the following:

- (i.) Sanborn Fire Insurance Maps;
- (ii.) MacRae's Industrial Directory;
- (iii.) Title and Deed;
- (iv.) Site plans and facility as-built drawings;
- (v.) The Soil Survey for the County in which the property is situated; and
- (vi.) federal, state, county and local government files.

None of the other historical sources searched identified an industrial use at the site; therefore, a search of MacRae's Industrial Directory was not performed.

3. Presented a brief description of any past industrial/commercial operations conducted on site by each owner and operator? Yes

3a. Listed the hazardous substances, hazardous wastes, hazardous constituents and pollutants, that are or were historically present on the site? Yes

3b. Identified the method of wastewater discharge (sanitary and/or industrial waste), and mapped any/ all discharge and disposal points on a scaled site map? Yes

3c. Identified the source of potable and/or industrial process water? Yes

4. Presented a description of aerial photographic interpretation for the period dating from 1932, or the earliest photograph available, to the present? Yes

Please note: Although N.J.A.C. 7:26E-3.1(c)1.vi. requires an interpretation of historic aerial photography for sites 2 acres and larger, the Green Acres Program considers the protection of public health and the expenditure of public funds to be justification for requiring work to be performed beyond the minimum technical requirements (N.J.A.C. 7:26E-1.7). Therefore, interpretation of the aerial photographic history of the site must be performed, regardless of site size.

Note also, that N.J.A.C. 7:26E-3.1(c)1.vi, states, in part, that "The photographic history shall date back to 1932 or to the earliest photo available." This minimum requirement must not be interpreted to mean *locally* available. N.J.A.C. 7:26E 3.1(c)1.vi. advises of

the *availability* of statewide aerial photographic coverage at the Department's Tidelands Management Program, Aerial Photo Library. Photographic coverage for most of the state is available to 1940.

5. Identified any current or prior remediation activities on the site, including the name of any government agency involved and case identification number? **Yes**

6. Presented a list of any potential areas of concern, identified during the performance of the preliminary assessment? **Yes**

Please note: N.J.A.C. 7:26E-1.8, defines areas of concern as areas in which pollutants, hazardous substances or wastes may have been discharged to the environment. See the Technical Requirements for Site Remediation for a complete listing of areas of concern.

6a. Presented a recommendation, per N.J.A.C.7:26E-3.2(a)4, for each area of concern identified at the site that either:

the area is potentially contaminated and thus additional investigation or remediation is required; or

the area of concern is **not believed to contain contaminants above the applicable remediation standards**, and provided documentation to support this belief? **Yes**

7. Listed any current or prior Federal, state and local environmental permits? **N/A**

8. Listed any administrative, civil, or criminal enforcement actions for alleged violations of environmental laws which may have resulted in an environmental impact on the site?
 N/A

9. Conducted a site visit to confirm the findings of the review of historic information obtained through diligent inquiry? **Yes**

10. Provided a copy of the United States Geologic Survey 7.5 minute topographic quadrangle, or a copy of a portion thereof, that includes the site? **Yes**

**New Jersey Department of Environmental Protection
Site Remediation Program**

PRELIMINARY ASSESSMENT REPORT

This form has been created to assist in completing a Preliminary Assessment in accordance with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. It must be completed in detail and supplemented with narratives where directed. This form takes the Preliminary Assessment requirements of the Technical Rules and puts them into a question and answer format. It is the foundation for completing an environmental investigation of a site as a means towards obtaining a no-further-action approval from the Department; as well as a means toward meeting the minimum requirements of the due diligence requirements of the innocent purchaser defense as defined by N.J.S.A. 58:10-23.11g

INFORMATION IN THE REPORT SHALL BE USED AS THE INITIAL BASIS FOR ASSESSING POTENTIAL ENVIRONMENTAL CONCERNS. THIS FORM MUST BE CERTIFIED IN ACCORDANCE WITH N.J.A.C. 7:26E-1.5. SUBMIT ONE ORIGINAL CERTIFIED COPY OF THIS FORM UNLESS IT IS ACCOMPANIED BY A SITE INVESTIGATION REPORT AND A PROPOSED REMEDIAL INVESTIGATION WORKPLAN IN WHICH CASE 3 COPIES SHALL BE SUBMITTED.

This form should be used as a foundation for completing a preliminary assessment report in accordance with N.J.A.C.7: 26E, the Technical Requirements for Site Remediation, subchapter 3.1 and 3.2. The purpose of a preliminary assessment is to identify the presence of any potentially contaminated areas of concern. And if the information gathered to complete this form identifies and potentially contaminated areas of concern, then there is a need to complete a site investigation pursuant to N.J.A.C. 7:26E-3.3 through 3.13. If this is the case, then continue with the remedial activities and submit the preliminary assessment report with a complete site investigation report and a proposal based on the findings of the site investigation.

The Department will accept mimeograph copies or computer-generated copies of this form provided the copies are legible and all questions listed on this form are included.

The application must be notarized.

Should you encounter any problem in completing this form, we recommend that you discuss the matter with your assigned Case Manager for active cases or a representative from the Department if completing the form in anticipation of a future submittal to the NJDEP. Submitting incorrect or insufficient data may cause processing delays and possible postponement of your transaction.

Please call (609) 633-0708 or your assigned case manager between the hours of 8:30 a.m. and 4:30 p.m. to request assistance.

.4/98

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF RESPONSIBLE PARTY SITE REMEDIATION
P.O. Box 435, TRENTON, NJ 08625-0435

PRELIMINARY ASSESSMENT REPORT

Answer all questions. Should you encounter any problems in completing this form, we recommend that you discuss the matter with a representative from the Site Remediation Program. Submitting incorrect or insufficient data may cause processing delays and possible postponement of your transaction

PLEASE PRINT OR TYPE

Date: August 31, 2004

Industrial Establishment/Site Name Vigh Property

Address 207 Millstone Road

City or Town Perrineville Zip Code 08535

Municipality Milestone Township

County Monmouth

Block (s) 29 Lots (s) 9.01

Site Remediation Program Case Number or EPA Identification Number N/A

1. Present a history of ownership and operations at the industrial establishment, in tabular form, from the time the site was naturally vegetated or utilized as farmland in accordance with N.J.A.C. 7:26E-3.1(c)1.i. (attach additional sheets as necessary)

Block 29, Lot 9.01		
Name of Property Owner	From	To
Elmer Vigh		Present

Name of Operator	From	To
Not applicable		

2A. In accordance with N.J.A.C. 7:26E-3.1(c)1.ii, provide a clear and concise description of the past industrial/commercial operation(s) conducted on site by each owner and operator. To the extent available the site history shall include an evaluation of the following sources of information:

- (1) Sanborn Fire Insurance Maps; (2) MacRae's Industrial Directory; (3) Title and Deed; (4) Site plans and facility as-built drawings; (5) federal, state, county and local government files; (6) The Department Geographic Information System. (7) and any additional sources which may be available for a specific site.

Site history is frequently an item where preliminary assessments are incomplete. The Industrial Site Recovery Act requires that a diligent inquiry be made, researching the site history back to January 1, 1932. Common answers to this question have included: "Unknown", or "We are only a tenant on the site and have no knowledge of prior site history". Neither of these answers satisfies the requirement for a due diligent inquiry.

To avoid having a PA found incomplete by the Department due to insufficient information, the site history must be researched. The following are ways of obtaining information regarding site history: title searches; contacting the local and county health officials and municipal agencies (for example, local fire and police departments, and local planning, zoning, adjustment boards) requesting any information these public agencies may have on the specific location; and, interviewing long time neighbors of the industrial establishment. Tenants should always request information from the landlord. The applicant should always document any attempts to locate this information to support a claim that a diligent inquiry has been conducted. If the prior site history demonstrates that the current building was built on vacant unimproved property, it should be reported as such. If the site has been, or is now the subject of a site remediation, any prior cases should always be referenced.

Provide the page or appendix number where the site history may be found.

Appendix A

Provide a listing of the resources utilized to compile the site history and as appropriate copies of any maps or information, which will assist the Department in evaluating your conclusions.

Name of Resource	Date of document reviewed	Appendix # if providing copies
Federal, State and Local Government Files	Varies	Appendix B
Aerial Photographs	1940-2000	Appendix C
Historic Topographic Maps	1957	Appendix D

- 2B. Include a detailed description of the most recent operations subject to this preliminary assessment.

Provide the page or appendix # where the description of the most recent operations may be found. Appendix A

3. Hazardous Substance/Waste Inventory: N.J.A.C. 7:26E-3.1(c)1.iii. List all raw materials, finished- products, formulations and hazardous substances, hazardous wastes, hazardous constituents and pollutants, including intermediates and by-products that are or were historically present on the site. Note: If past usage included farming, pesticides may be a concern and should be included in this list. **(attach additional sheets if necessary).**

Material Name	CAS # if known	Typical annual usage (gallons/lbs.)	Storage method (i.e. Drum, tank, jars)
Possible pesticides due to former use as agricultural cropland	Unknown	Unknown	Unknown
Gasoline	Unknown	Unknown	AST
Diesel Fuel	Unknown	Unknown	Unknown
Motor Oil	Unknown	Unknown	Unknown
#2 Fuel Oil	Unknown	Unknown	UST

- 4 A. In accordance with N.J.A.C. 7:26E-3.1(c)1iv provide a summary of all current and historic wastewater discharges of **Sanitary and/or Industrial Waste** and/or sanitary sludges. Present and past production processes, including dates, and their respective water use shall be identified and evaluated, including ultimate and potential discharge and disposal points and how and where materials are or were received on-site. All discharge and disposal points shall be clearly depicted on a scaled site map.

Information required under this item is intended to identify potential discharges to any on-site disposal system, such as a septic system or lagoon or drywell. As an example, a facility that currently discharges sanitary and other wastes to the public sewer system, but maintained an on-site septic system prior to 1976, would complete this item as follows:

Site Information

Block 21.01, Lot 26 and 27			
Discharge Period		Discharge Type	Discharge Location
From	To		
Unknown	Present	Sanitary	On-site Septic System

- 4B. Provide a narrative of disposal processes for all historic and current process waste streams and disposal points. (attach additional sheets if necessary)

Not applicable

5. This question requires the applicant to conduct a diligent inquiry into the current and historic operations at the site to identify all of the potential areas of concern, which formerly or currently exists at the industrial establishment as defined in N.J.A.C. 7:26E-1.8.

Diligent inquiry as defined in N.J.A.C.7:26E-1.8 states:

A. Conducting a diligent search of all documents which are reasonably likely to contain information related to the object of the inquiry, which documents are in such person's possession, custody or control, or in the possession, custody or control of any other person from whom the person conducting the search has a legal right to obtain such documents; and

B. Making reasonable inquiries of current and former employees and agents whose duties include or included any responsibility for hazardous substances, hazardous wastes, hazardous constituents, or pollutants, and any other current and former employees or agents who may have knowledge or documents relevant to the inquiry.

In accordance with N.J.A.C. 7:26E3.1(c)1.v., a narrative shall be provided for each area of environmental concern describing the (A) Type; (B) Age; (C) Dimensions of each container/area; (D) Chemical Content; (E) Volume; (F) Construction materials; (G) Location; (H) Integrity (i.e., tank test reports, description of drum storage pad); and (I) Inventory control records, unless a Department-approved leak detection system, pursuant to N.J.A.C. 7:1E or 7:14B, has always been in place and there is no discharge history. If sampling is not proposed for any identified area of environmental concern, please explain why it is believed that the area of environmental concern does not contain contaminants above the applicable remediation standards. Submit all necessary documentation to verify this belief. The required narrative need not describe the sampling to be completed; however, it should state that sampling would be completed in accordance with the appropriate section of N.J.A.C.7:26E. Detailed descriptions of all remediation activities shall be described in the site investigation report in accordance with N.J.A.C.7:26E-3.13. Note: If the industrial establishment has multiple locations for one type of area of concern (example: underground storage tanks are located in 3 separate areas of the facility), each area must be discussed separately.

Please indicate if any of the potential areas of environmental concern listed below in #5A through #5G, as defined in N.J.A.C. 7:26E-1.8, formerly or currently exist at the industrial establishment by indicating Yes or No in the appropriate space as provided.

For the Location Reference Keyed to Site Map, use either number or letter identification and be consistent throughout each phase of the remediation, referring to the same identification provided herein.

Provide the required narrative as an appendix to this report. Do not try to provide a narrative in the space provided

I hereby certify that a diligent inquiry has been conducted to identify all current and historical potential areas of environmental concern and based on the diligent inquiry the areas of environmental concern identified below in question 5A through 5G are the only areas of environmental concern believed to exist at the above referenced industrial establishment.

A. Bulk Storage Tanks and Appurtenances, including, without limitation :

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Aboveground Storage Tanks and Associated Piping	Yes	AOC-1	Appendix E, F
Underground Storage tanks and Associated Piping	Yes	AOC-2	Appendix E, F
Silos	No		
Rail Cars	No		
Loading and unloading areas	No		
Piping, above ground and below ground pumping stations, sumps and pits	No		

B. Storage and Staging Areas, including

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Storage pads including drum and/or waste storage	Yes	AOC-3	Appendix E, F
Surface impoundments and lagoons	No		
Dumpsters	No		
Chemical storage cabinets or closets	Yes	AOC-4	Appendix E, F

C. Drainage systems and areas including without limitation

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Floor drains, trenches and piping and sumps	No		
Process area sinks and piping which receive process waste	No		
Roof leaders when process operations vent to the roof	No		
Drainage swales & culverts	Yes	AOC-5	Appendix E, F
Storm sewer collection systems	No		
Storm water detention ponds and fire ponds	No		
Surface water bodies	Yes	AOC-6	Appendix E, F
Septic systems leachfields or seepage pits	Yes	AOC-7	Appendix E, F
Drywells and sumps	No		

D. Discharge and disposal areas, including, without limitation:

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Areas of discharge per N.J.A.C. 7:1E	No		
Waste piles as defined by N.J.A.C 7:26	Yes	AOC-8	Appendix E, F
Waste water collection systems including septic systems, seepage pits, & dry wells.	No		
Landfills or landfarms	No		
Sprayfields	No		
Incinerators	No		
Historic Fill or any other Fill material	No		
Open Pipe discharges	No		

E. Other areas of concern, including, without limitation:

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Electrical Transformers & Capacitors	Yes	AOC-9	Appendix E, F
Hazardous material storage or handling areas	No		
Waste Treatment areas	No		
Discolored or spill areas	Yes	AOC-10	Appendix E, F
Open areas away from production areas	No		
Areas of stressed vegetation	Yes	AOC-11	Appendix E, F
Underground piping including industrial process sewers	No		
Compressor vent discharges	No		
Non-contact cooling water discharges	No		
Areas which receive flood or storm water from potentially contaminated areas	No		
Active or Inactive production wells	No		

F. Building interior areas with a potential for discharge to the environment, including, without limitation:

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Loading or Transfer areas	No		
Waste Treatment areas	No		
Boiler rooms	No		
Air vents and ducts	No		
Hazardous material storage or handling areas	Yes	AOC-12	Appendix E, F

G. Any other site-specific area of concern.

Area of Concern	Currently or Formerly Exists at the Site Yes/No	Location Referenced to the Site Map	Appendix Number
Potable Well	Yes	AOC-13	Appendix E, F
Historic Agricultural Use	Yes	AOC-14	Appendix E, F

6. If the site area exceeds two acres, an interpretation of the aerial photographic history of the site shall be submitted in accordance with N.J.A.C. 7:26E-3.1(c)1.vi. The interpretation shall be based on available current and historical color, black and white and infrared aerial photographs (scale 1:18,000 or less) of the site and surrounding area at a frequency that provides the evaluator with a historical perspective of site activities. The photographic history shall date back to 1932 or the earliest photograph available. Aerial photographs are available for review at the New Jersey Department of Environmental Protection, Tidelands Management Program, Aerial Photo Library, 9 Ewing Street, Trenton, New Jersey, (609) 633-7369. Note, the applicant is not required to provide the Department with copies of the aerial photographs reviewed only an interpretation of what was observed in each photograph, which may represent an environmental concern.

_____ Check here if an aerial photo review was not complete and provide a reason .

Provide the appendix number for the air photo review narratives Appendix C

7. Discharge History of Hazardous Substances and Wastes, N.J.A.C. 7:26E-3.1(c)1vii :

A. Have there been any known discharges of hazardous substances and wastes at the site?

X No (Go to question #8) _____ Yes (Complete Items 7B & 7C)

B. Was the Department notified of the discharge?

_____ Yes; _____ No

If yes, provide the Case # _____

C. Was a no-further-action letter, negative-declaration approval or full-compliance letter issued as a result of the cleanup of this discharge?

_____ Yes (Submit a copy of the no-further-action approval)

_____ No (Submit a complete Site Investigation or Remedial Action Report

documenting the action taken to address the discharge)

- 8 In accordance with N.J.A.C.7:26E-3.1 (c) 1.vii, provide a description of any remediation activities previously conducted or currently underway at the site, including dates of discharges, remedial actions taken, and all existing sample results concerning contaminants which remain at the site. Copies of Department or other governmental agency no-further-action approvals should also be provided with a description of the areas to which the no-further-action approvals apply. This information is especially important if the approval was granted for the remediation of a portion of a site or a specific discharge event rather than the entire site subject to this preliminary assessment.

 X Check here if this question does not apply.

Provide the appendix number for the required narrative and data summary _____

9. Protectiveness of past remedies, Order of Magnitude Analysis, N.J.A.C. 7:26E-3.1(c) 1.ix & N.J.A.C. 7:26E, 3.2(a)5

A. Have any areas of concern previously received a No-Further-Action approval from the Department or other equivalent government agency for which no additional remediation is proposed? X No (go to question #10). _____
Yes (complete 9B).

B. In accordance with N.J.S.A 58:10B-13(e) the following evaluation of the protectiveness of past remedies shall be completed for all areas of concern for which no further action was previously approved by the Department or other equivalent government agency and for which no additional remediation is proposed. All final sampling results shall be evaluated to determine if contaminant levels remaining on site are in compliance with current remediation criteria. The applicant shall complete the following:

Include a table comparing the levels of contaminants remaining in each area of concern, the numerical remediation standard approved in the remedial action work plan or at the time of no-further-action approval and the numerical remediation standards applicable at the time of the comparison. The table shall contain all sampling results, including sample location, sample media, field and laboratory identification numbers, and method detection limits, as necessary, and analytical results for all individual contaminants for each area of concern.

I hereby certify that the order of magnitude analysis required pursuant to N.J.A.C. 7:26E has been completed, since the issuance of a No-Further-Action approval,

negative declaration approval or equivalent remediation approval; and (Check the appropriate statements (1), (2), (3) or (4))

(1) ___ The areas of concern listed below contain contaminants above the numerical remediation standard applicable at the time of the comparison, however no further action is required because: (check the appropriate sub statement)

_____ (a) The contaminant concentrations remaining in the areas of concern listed below are less than an order of magnitude (factor of 10) greater than the numerical remediation standard applicable at the time of the comparison;

_____ (b) The areas of concern or the site was remediated using engineering and institutional controls approved by the Department and these controls are still protective of public health, safety and the environment; or

_____ (c) The area of concern or the site was remediated to an approved site specific remediation standard and all of the factors and assumptions which are the basis for deriving the site specific remediation standard remain valid for the site.

Please list the areas of concern for which the previous statement applies.

Area of Concern	Location Reference Keyed to the Site Map

(2) ___ The areas of concern listed below contain contaminants above the numerical remediation standard applicable at the time of the comparison and further remediation is required because: (check the appropriate sub statement)

_____ (a) The contaminant concentrations remaining in the areas of concern listed below are more than an order of magnitude (factor of 10) greater than the numerical remediation standard applicable at the time of the comparison;

_____ (b) The areas of concern or the site was remediated using engineering and institutional controls approved by the Department and these controls are no longer protective of public health, safety and the environment; or

_____ (c) The area of concern or the site was remediated to an approved site specific remediation standard and some or all of the factors and

assumptions which are the basis for deriving the site specific remediation standard are no longer valid;

Please list the areas of concern for which the previous statement applies.

Area of Concern	Location Reference Keyed to the Site Map

(3) ___ The areas of concern listed below do not contain contaminants above the numerical remediation standard applicable at the time of the comparison and no further remediation is required.

Please list the areas of concern for which the previous statement applies.

Area of Concern	Location Reference Keyed to the Site Map

(4).___The contaminant concentrations remaining in the below listed areas of concern are more than an order of magnitude greater than the numerical remediation standard applicable at the time of the comparison. However, no further remediation is required by the person conducting this preliminary assessment, because, in accordance with N.J.S.A. 58:10B13(e), that person is not liable for the contamination pursuant to N.J.S.A. 58:10-23.11g

Please list the areas of concern for which the previous statement applies.

Area of Concern	Location Reference Keyed to the Site Map

10. Historical Data on environmental quality at the Industrial Establishment

A. Have any previous sampling results documenting environmental quality of the

Industrial Establishment not received a no further action approval from the Department or been denied approval by the Department? (N.J.A.C. 7:26E-3.1(c)1.viii)

Not Applicable

_____ Yes (See Attachment #_____) _____ No (Go to 11)

B. Have there been any known changes in site conditions or new information developed since completion of previous sampling or remediation? If sampling results were obtained, but are not part of this application, please explain below (N.J.A.C. 7:26E-3.1. xi):

Not applicable

11. List all federal, state and local environmental permits at this facility, including permits for all previous and current owners or operators, applied for, received, or both (Attach additional sheets if necessary).

Check here if no permits are involved _____

A. New Jersey Air Pollution Control

Permit Number	Expiration Date	Type of Permitted Unit

B. Underground Storage Tank Registration Number _____

Size of Tank (Gallons)	Tank Contents
550 Gallons	No. 2 Heating Oil

C. New Jersey Pollutant Discharge Elimination System (NJPDES) Permit

Permit Number	Discharge Type	Discharge Location Keyed to Site map	Expiration Date

D. Resource Conservation and Recovery Act (RCRA) permit # _____

E. EPA Identification Number _____

F. In accordance with N.J.A.C. 7:26E-3.1(c) xii, list all other federal, state, local government environmental permits for all previous and current owners or operators applied for and/or received for the site including :

- (1) Name and address of the permitting agency
- (2) The reason for the permit
- (3) The permit identification number
- (4) The application date
- (5) The date of approval, denial or status of the application
- (6) The name and current address of the permittees
- (7) The reason for the denial, revocation or suspension if applicable
- (8) The permit expiration date

 X Check here if no other environmental permits were applied for or received for this site.

Provide the appendix # for the required listing if other environmental permits exist for this site _____.

12. In accordance with N.J.A.C. 7:26E-3.1(c)xiii, provide a summary of enforcement actions (including but not limited to, Notice of Violations, Court Orders, official notices or directives) for violations of environmental laws or regulations (attach additional sheets if necessary):

A. Check here if no enforcement actions are involved X (Go to 13 otherwise complete 12B)

B. (1) Name and address of agency that initiated the enforcement action

(2) Date of the enforcement action _____

(3) Section of statute, rule or permit allegedly violated _____

(4) Type of enforcement _____

(5) Description of the violation _____

(6) How was the violation resolved? _____

13. In accordance with N.J.A.C. 7:26E-3.1(c) xiv, please provide a narrative description of all areas where non-indigenous fill materials were used to replace soil or raise the topographic elevation of the site, including the dates of emplacement.

Not Applicable

14. A. In accordance with N.J.A.C. 7:26E-3.2(a) 3.i, submit a scaled site plan, detailing the subject lot and block, property and or leasehold boundaries, location of current and former buildings, fill areas, paved and unpaved areas, vegetated areas, and all areas of concern identified above and all active or inactive wells.

B. Scaled historical site maps and facility as built drawings (if available).

C. A copy of the United States Geologic Survey (USGS) 7.5 minute topographical quadrangle that includes the site and an area of at least one mile radius around the site. The facility location shall be clearly noted. If a portion of the USGS quadrangle is used, the scale, north arrow, contour interval, longitude and latitude with the name and date of the USGS quadrangle shall be noted on the map.

15. In accordance with N.J.A.C. 7:26E-3.2 , please provide the date that the site visit was completed to verify the findings of the preliminary assessment. May 6, 2004/August 10, 2004

16. List any other information you are submitting or which has been formerly requested by the Department:

Description	Appendix #
USGS Map, Tax Map, Aerial Photo/Site Location Map, AOC Map, Soil Boring Location Plan	F
Laboratory Analytical Data Package	G

CERTIFICATION:

The highest-ranking individual at the site shall sign the following certification with overall responsibility for that site or activity. Where there is no individual at the site with overall responsibility for that site or activity, this certification shall be signed by the individual having responsibility for the overall operation of the site or activity.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information, and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Typed/Printed Name _____ Title _____

Signature _____ Date _____

Sworn to and Subscribed Before Me on this _____

Date of _____ 19____

Notary

Description of Past Operations

Based on a review of available historical information provided in Appendices B through G, Block 29, Lot 9.01 has been utilized for agricultural purposes since as early as 1940.

The residential structure and support buildings occupied Lot 9.01 as early as 1940 with several farm structures demolished since 1999.

Detailed Description of the Most Recent Operations

Currently, Block 29, Lot 9.01 is inactive agricultural land.

Federal, State and Local Government Files

Pursuant to the Freedom of Information Act (FOIA), SD submitted a written information request for the subject property to the United States Environmental Protection Agency (USEPA). SD received a list of Resource Conservation and Recovery Act (RCRA) site located in Mount Laurel from Adolph Everett, P.E., acting Chief of the RCRA Programs Branch. The subject site was not listed in the USEPA RCRA list. SD received no other pertinent information as a result of the USEPA FOIA request.

SD submitted an Open Public Records Act (OPRA) request via the New Jersey Department of Environmental Protection (NJDEP) OPRA internet site to review and NJDEP files with respect to the subject property. SD received a response from of the DEP Record Custodian Office dated May 3, 2004. According to the response no records were found for the subject property. SD received no other pertinent information as a result of the NJDEP OPRA request.

SD completed a Monmouth County Health Department public records OPRA request form to review public records via fax. A response from Chris Otis, Monmouth County Health Department, indicates that the Monmouth County Health Department holds no files pertaining to the subject site.

SD submitted a records review request and municipal official questionnaire to Millstone Township. The following bulleted items summarize information obtained by SD for each municipal department.

- Clerk’s Office – According to FIRM Flood Insurance Rate Maps available in the township clerk’s office, portions of the site lie within the Zone C flood areas. The date of the flood plain map is January 20, 1982 and the panel number is 340314 0008 B. The history of the property is agricultural (farming). No other pertinent information was provided by the clerk’s office.
- Building Department – No records pertaining to the subject site are on file. No other pertinent information was provided by the Building Department.
- Tax Assessor – According to Tax Assessor records, the property record cards indicate that Block 29 Lot 9.01 is 134.5 acres in size and consist primarily of agricultural and undeveloped areas.

The following table presents a history of ownership for the subject site based on deeds reviewed from tax assessor records.

Block 508, Lots 20 and 28		
Name of Property Owner	From	To
Elmer Vigh	Unknown	Present

- Building Department – No records available
- Public Works/Engineering – According to Public Works/Engineering records, portions of the subject site lie within the Zone A2 or B flood plain area. The date of the flood plain map is January 20, 1982 and the Panel number is 340314-0008 B. The history of the property is agricultural. The Public Works/Engineering Department provided no other pertinent information.
- Planning/Zoning Department – According to the Planning/Zoning Department the site is currently zoned RU-P – Rural Preservation 10 acres residential/agriculture. The site was previously zoned R-130 Rural Residential 3 acres residential/agriculture. The site is located in a neighborhood consisting of RU-P Rural Preservation, NC- Neighborhood Commercial, R-130 Rural Residential. The current use is identified as a working farm with private water system and private septic system.
- Fire Department – According to the Fire Subcode Official, there is no knowledge of any hazardous substances or petroleum products on or near the property. Additionally, no permits were issued for the removal or installation of underground or above ground storage tanks. The site is characterized as a working farm with residence. Adjacent areas are reported to include farms, single family residences, and municipal complex.

Copies of written requests and responses are attached.



THE TOWNSHIP OF MILLSTONE
COUNTY OF MONMOUTH
STATE OF NEW JERSEY

MUNICIPAL BUILDING
P.O. BOX 240
PERRINEVILLE, N.J. 08535

732-446-4249
732-462-4770
609-426-0042
(Fax) 732-446-1560

MAYOR
Nancy A. Grbelja
DEPUTY MAYOR
Elias Abilheira
TOWNSHIP COMMITTEE
Chet Halka
John Pfefferkorn
William M. Nurko
TOWNSHIP CLERK
Maria Dellasala
OFFICE MANAGER
James V. Pickering

FAX CONTROL SHEET

SENT TO: Schoor DePalma FROM: Millstone Twp.

ATTN: Matt Talmadge FROM: Maria Dellasala

FAX #: 732-577-8168 FAX #: 732-446-0589

PHONE #: _____ PHONE #: 732-446-3402

DATE: 5/19/04 # OF PAGES: 8 inc cover

MESSAGE:

As per our conversation.

Maria



Vigh Property - Block 29, Lot 9.01
Millstone Township
Municipal Questionnaire

Recorder/Clerk:

Name: Maria Dellasala
Title: Municipal Clerk
Date:
Time:
Phone: 732-446-3402

1. To the best of your knowledge, are there or have there been any liens (in particular, environmental liens), pending lawsuits or other administrative proceedings, associated with the property? *None that I am aware of.*
2. To the best of your knowledge, is there any record of easement?
None that I am aware of
3. To the best of your knowledge, are there any leases associated with the target property? *None that I am aware of.*
4. To the best of your knowledge, is the property listed on the area's FEMA map as being in a flood plain?
 - a. What year flood plain? *Zone C*
 - b. Date of flood plain map: *January 20, 1982*
 - c. Parcel #: *340314 0008 B*
5. To the best of your knowledge, what is the history of the property?
Farming
Of the area? Farming
6. Is there any other pertinent information you can provide at this time? *None that I am aware of.*

**Vigh Property - Block 29, Lot 9.01
Millstone Township
Municipal Questionnaire**

Henry

Building Department:

Name:
Title:
Date:
Time:
Phone:

1. Is there a structure on the subject property? *No record of any structure*

2. If yes, year constructed? *?*

3. To the best of your knowledge, what improvements (e.g., demolition, construction, alteration) have been made on the property, if any? *No permits issued.*

4. To the best of your knowledge, have there been any major building code violations recorded on the property? *No.*

5. To the best of your knowledge, is the property listed on the area's FEMA map as being in a flood plain? *?*

a. What year flood plain? *?*

b. Date of flood plain map: *?*

c. Panel #: *?*

6. To the best of your knowledge, what is the history of the property?

Of the area?

7. Is there any other pertinent information you can provide at this time?

*5/5/04
Halerno
Const. Off*

**Vigh Property - Block 29, Lot 9.01
Millstone Township
Municipal Questionnaire**

Tax Assessor's Office:

Name:
Title:
Date:
Time:
Phone:

1. Target property's identification number (block, lot):
B 29 L 9.01
2. Is there a structure on the property?
YES
3. If yes, year constructed?
1900 +/-
4. To the best of your knowledge, what was on the site prior to construction?
DO NOT KNOW
5. To the best of your knowledge, what improvements (e.g., demolition, construction, alteration) have been made on the property, if any?
DO NOT KNOW
6. To the best of your knowledge, have there been any major building code violations recorded on the property?
DO NOT KNOW
7. To the best of your knowledge, what is the history of the property?
FARM
Of the area?
RURAL
8. Is there any other pertinent information you can provide at this time?
NO

Vigh Property - Block 29, Lot 9.01
Millstone Township
Municipal Questionnaire

Fire Department (Fire Code/Subcode Official):

Names: Patrick N. Hynes
Title: Fire Subcode Official
Date: May 19, 2004
Time:
Phone: 609-208-0661

1. To the best of your knowledge, are you aware of any releases of hazardous substances or petroleum products on or near the property?

Within the last ten years I am not aware of any hazardous substance or petroleum products on or near the property.

2. To the best of your knowledge, are there now, or have there been in the past, any underground or above ground storage tanks located on the property?

A review of Township records indicated that no permits were issued for the removal or installation of underground or above ground storage tanks.

3. To the best of your knowledge, what is the history of the property?

Working farm with residence.

Of the area?

Adjacent farms/single family residence and municipal complex.

4. Is there any other pertinent information you can provide at this time?

None

Vigh Property - Block 29, Lot 9.01
Millstone Township
Municipal Questionnaire

Civil/Public Works/Engineering:

Name: CHRISTOPHER P. ROSATI, PE, PP
Title: ASSISTANT TOWNSHIP ENGINEER
Date: MAY 6, 2004
Time:
Phone: 732-922-9229

1. To the best of your knowledge, is the property listed on the area's FEMA map as being in a flood plain? *IT IS POSSIBLE THAT THE EASTERN MOST PORTION OF THE SITE IS WITHIN ZONE A2 & ZONE B*
- a. What year flood plain? *ZONE A2 - 100 YR FLOOD REL 154 (NGVD 1929)*
ZONE B - BETWEEN 100 YR & 500 YR
 - b. Date of flood plain map: *EFFECTIVE JAN. 20, 1982*
 - c. Panel #: *340314-0008 B*

2. To the best of your knowledge, is the property served by a public or private water system? *NO*

Sewer or septic system? *YES*

3. To the best of your knowledge, what is the history of the property?

FARM
Of the area? - *MOSTLY AGRICULTURAL USE. THERE IS AN EXISTING CHURCH TO THE SOUTH.*

4. Is there any other pertinent information you can provide at this time?

NO.

Vigh Property - Block 29, Lot 9.01
Millstone Township
Municipal Questionnaire

Planning/Zoning Department:

Names: Patrick N. Hynes/Zoning Office
Michelle South/Assistant to Planning Board/Zoning Board
Date: May 19, 2004
Time:
Phone: 609-208-0661 Zoning Office
732-446-1936 Planning Board

1. To the best of your knowledge, what is the property's current zoning?

Current zoning is RU-P Rural Preservation 10 acres residential/agriculture

Past zoning? R-130 Rural Residential 3 acres residential/agriculture

2. To the best of your knowledge, what is the zoning in the surrounding neighborhood?

RU-P Rural Preservation
NC - Neighborhood Commercial
R-130 Rural Residential

3. To the best of your knowledge, what is the current use of the property?

Working Farm

4. To the best of your knowledge, is the property served by a public or private water system/private septic system?

Private water system/Private septic system

5. To the best of your knowledge, what is the history of the property?

Working Farm

Of the area? Working farm and municipal complex

5. Is there any other pertinent information you can provide at this time?

None

The Monmouth County Board of Health

Robert Peters
President

3436 HIGHWAY 9
P.O. BOX 1256
FREEHOLD, NEW JERSEY 07728-1256
TELEPHONE (732) 431-7456

Lester W. Jargowsky, M.P.H.
Public Health Coordinator
and
Health Officer

FROM: Chris Otis
MONMOUTH COUNTY HEALTH DEPARTMENT
FAX (732) 409-7579

TO: School Dept. Palma Eng. FAX #: 577-9888
DATE: 5/18/04
ATTN: M. Talmadge TIME: 10:50 Am
PAGES: 1 OF 2

MESSAGE:

A SEARCH WAS CONDUCTED REGARDING THE INFORMATION IN
YOUR ENCLOSED LETTER. THE RESULTS OF THIS SEARCH
ARE ENCLOSED. IF THERE ARE ANY QUESTIONS, PLEASE
CONTACT ME AT (732)431-7456.

THERE IS NOTHING IN OUR SYSTEM BASED ON THE INFORMATION
YOU PROVIDED, AT THIS TIME.

*E-Mail 5/4/04
- complete 5/17/04*

L



SCHOOR DEPALMA
Engineers and Consultants

May 3, 2004

VIA FAX (732) 409-7579 & FIRST CLASS MAIL

Mr. Lester W. Jargowski
Public Health Coordinator
Monmouth County Health Department
3435 Highway 9
Freehold, NJ 07728-2850

RE: Preliminary Assessment
Vigh Property
Block 29, Lot 9.01
Property Owner: Elmer Vigh
Township of Millstone
Monmouth County, New Jersey
Our Project Number 030229101

207 Millstone Rd

Dear Mr. Jargowski:

Pursuant to the Open Public Records Act (OPRA) dealing with the examination and duplication of records maintained by public agencies, Schoor DePalma Inc. (SD) requests that your office provide any and all applicable information related to the disclosure of known or suspected, past or present, environmental concerns for the above-referenced site. The information disclosed for the subject site should include, but not be limited to, hazardous substances, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, and the overall environmental quality of the site.

The subject site is one (1) contiguous land tract that is approximately 144.48 acres in size. The property is currently developed for agricultural use. The Topographic Map (enclosed) and the Tax Map (enclosed) respectively display the site location and boundaries.

Please contact me (mtalmadge@schoordepalma.com or 732-577-9000 extension 1032) at your earliest convenience with the availability of any records or with any questions that you might have. I thank you in advance for your prompt attention to this matter.

Very truly yours,

SCHOOR DEPALMA INC.

Matt Talmadge

Enclosures

MT

N:\project\2003\030229101\unrespondenc\050304\Health Dept Request.doc

Your Bottom Line Results Partner™

Justin Corporate Center, 200 State Highway Nine, P.O. Box 900, Mahanapan, NJ 07726-0900 Tel: 732.577.9000 Fax: 732.577.9888
Mahanapan • Atlantic City • Brick • Clinton • Exton • Kutztown • Parsippany
Philadelphia • Phillipsburg • Stafford • Voorhees • White Plains
www.schoordepalma.com



State of New Jersey
 Department of Environmental Protection
 GOVERNMENT RECORDS REQUEST FORM



Important Notice

The reverse side of this form contains important information related to your rights concerning government records. Please read it carefully. In addition, please note that you may complete and submit requests electronically on the Internet at <http://www.nj.gov/dep/opra>.

Requestor Information – Please Print

First Name Matt MI _____ Last Name Talmadge

Company Schoor DePalma

Mailing Address 200 Route 9, Manalapan, NJ 07726

City Perrineville State NJ Zip 07726 Email mtalmadge@schoordepalma.co

Business Hours Telephone: Area Code 732 Number 577-9000 Extension 1032

Preferred Delivery: Pick Up _____ US Mail _____ On Site Inspect _____

Under penalty of N.J.S.A. 2C:28-3, I certify that I **Have Not** been convicted of any indictable offense under the laws of New Jersey, any other state, or the United States.

Signature _____ Date _____

Payment Information

Max. Authorization Cost \$ _____

Select Payment Method

Cash _____ Check _____ Money Order _____

Fees Pages 1-10 @\$0.75
 Pages 11-20 @\$0.50
 Pages 21 - @\$0.25

Deliv: Delivery / postage fees additional depending upon delivery type.

Extras Extraordinary service fees dependent upon request.

Record Request Information: To expedite the request, be as specific as possible in describing the records being requested. Also, please include the type of access requested (copying or inspection), and if data, the medium requested.

Any information regarding hazardous substances, underground storage tank (UST) systems, areas of fill, records of historical enforcement actions, investigations involving soil and/or groundwater quality/contamination, and the overall environmental quality of the site.

STATE USE ONLY

STATE USE ONLY

STATE USE ONLY

Est. Document Cost _____

Est. Delivery Cost _____

Est. Extras Cost _____

Total Est. Cost _____

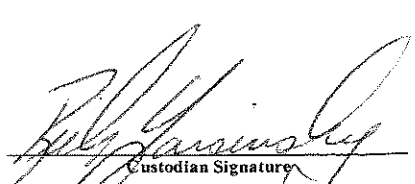
Deposit Amount _____

Estimated Balance _____

Deposit Date _____

Disposition Notes
 Custodian: If any part of request cannot be delivered in seven business days, detail reasons here.
 On 05/12/04, the Office of the Records Custodian called the requester and advised that according to Department records, no documents were found pertaining to this request. Be advised that the request was sent to only those programs within the Department that was requested or the Office of the Records Custodian believed may have had records. Any questions please call (609)341-3121.

In Progress - Open _____
 Denied - Closed _____
 Filled - Closed x _____
 Partial - Closed _____

Tracking Information		Final Cost	
Tracking #	<u>15704</u>	Total	_____
Rec'd Date	<u>05/03/2004</u>	Deposit	_____
Ready Date	_____	Balance Due	_____
Total Pages	_____	Balance Paid	_____
Records Provided			
 Custodian Signature		<u>5/12/04</u> Date	

Requesting Access to Government Records Under the New Jersey Open Public Records Act (N.J.S.A. 47:1A-1 et seq.)

1. In order to request access to government records under OPRA, you must complete all the required portions of and date this request form and deliver it in person during regular business hours or by mail, fax or electronically to the appropriate custodian of the record requested. Your request is not considered filed until the appropriate custodian of the record requested has received a completed request form. If you submit the request form to any other officer or employee of the Department of Environmental Protection, that officer or employee does not have the authority to accept your request form on behalf of the Department of Environmental Protection and you will be directed to the appropriate division custodian. Descriptions of the divisions and agencies of the Department of Environmental Protection can be found at <http://www.nj.gov/dep/index.html>.
2. If you submit a request for access to government records to someone other than the appropriate custodian, do not complete the Department of Environmental Protection request form, or attempt to make a request for access by telephone or fax; the Open Public Records Act and its deadlines, restrictions and remedies will not apply to your request.
3. The fees for duplication of a government record in printed form are listed on the front of this form. We will notify you of any special charges, special service charges or other additional charges authorized by State law or regulation before processing your request. Payment shall be made by cash, check or money order payable to the State of New Jersey and mailed to the address specified below.
4. If it is necessary for the records custodian to contact you concerning your request, providing identifying information, such as your name, address and telephone number or an e-mail address is required. Where contact is not necessary, anonymous requests are permitted; except that anonymous requests for personal information are not honored.
5. Anonymous requests, when permitted, may require a deposit of estimated fees if the request fee exceeds five (5) dollars. You agree to pay the balance due upon delivery of the records.
6. Under OPRA, a custodian must deny access to a person who has been convicted of an indictable offense in New Jersey, any other state, or the United States, and who is seeking government records containing personal information pertaining to the person's victim or the victim's family.
7. By law, the Department of Environmental Protection must notify you that it grants or denies a request for access to government records within seven business days after the custodian of the record requested receives the request, provided that the record is currently available and not in storage. If the record requested is not currently available or is in storage, the custodian will advise you within seven business days when the record can be made available and the estimated cost. You may agree with the custodian to extend the time for making records available, or granting or denying your request.
8. You may be denied access to a government record if your request would substantially disrupt agency operations and the custodian is unable to reach a reasonable solution with you.
9. If the Department of Environmental Protection is unable to comply with your request for access to a government record, the custodian will indicate the reasons for denial on the request form and send you a signed and dated copy.
10. Except as otherwise provided by law or by agreement with the requester, if the custodian of the record requested fails to respond to you within seven business days of receiving a request form, the failure to respond will be considered a denial of your request.
11. If your request for access to a government record has been denied or unfilled within the time permitted by law, you have a right to challenge the decision by the Department of Environmental Protection to deny access. At your option, you may either institute a proceeding in the Superior Court of New Jersey or file a complaint in writing with the Government Records Council (GRC). You may contact the GRC by toll-free telephone at 866-850-0511, by mail at PO Box 819, Trenton, NJ, 08625, by e-mail at grc@dca.state.nj.us, or at their web site at www.state.nj.us/grc. The Council can also answer other questions about the law.
12. Information provided on this form may be subject to disclosure under the Open Public Records Act.
13. Requests may only be sent to the address specified below. Any request sent to an address other than the one specified below are subject to denial. All requests and/or fees must be mailed to the following address:

Department of Environmental Protection
Office of Records Custodian
Attention: Public Records Requests
401 East State Street
P.O. Box 402
Trenton, New Jersey 08625-0402



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2

290 BROADWAY

MAY 11 2004 NEW YORK, NY 10007-1866

RECEIVED

MAY 17 2004

SCHOOR DEPALMA INC.
MANALAPAN

Mr. Matt Talmadge
Justine Corporate Center
Schoor DePalma Inc.
200 State Highway Nine
Manalapan, New Jersey 07726

Re: Freedom of Information Request No. 02-RIN-01420-04
Dated: May 3, 2004

Dear Mr. Talmadge:

Your request for information has been referred to this branch for response. We have searched the Resource Conservation and Recovery Act (RCRA) files and/or computer database as appropriate to respond to your request. In addition, you may also receive more information from other program areas within this Regional Office.

We were unable to find hazardous waste (RCRA) information concerning the property at 207 Millstone Road in Perrineville, Millstone Township, New Jersey.

For information on Underground Storage Tanks (USTs), please contact New Jersey Department of Environmental Protection (NJDEP) at the enclosed address as it is responsible for keeping records and tracking incidents related to USTs.

If you consider this response to be a denial, you may address your written appeal to HQ FOIA OPERATIONS STAFF, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Avenue, N.W., Washington, D.C.

Also, RCRA information is now available on the World Wide Web as described on the enclosed sheet.

Please include the above referenced request number in any subsequent communication relating to this response.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Adolph Everett".

Adolph Everett, P.E.
Chief, RCRA Programs Branch

Enclosures

Region II State contact for information requests regarding Underground Storage Tanks

Morris Leno
New York State Department of Environmental Conservation
11th Floor
625 Broadway
Albany, NY 12233-7020

Tel #(518) 457-4351

Kevin Kratina, Chief
Bureau of Southern Case Management
New Jersey Department of Environmental Protection
P.O. Box 028
401 East State Street
Trenton, NJ 08625-0028

Tel #(609) 292-8761

Water Quality Control
Environmental Quality Board
Commonwealth of Puerto Rico
P.O. Box 11488
Santurce, PR 00910

Tel #(809) 725-8410

St. Croix
Hollis Griffin, Director
Division of Environmental Protection
Department of Planning and Natural Resources
1118 Watergut
Christiansted, VI 00820-5065 and

St. Thomas
Mr. Leonard Reed, Assistant Director
Division of Environmental Protection
Department of Planning and Natural Resources
Nisky Center 231
45A Estate Nisky
Charlotte Amalie
St. Thomas, VI 00801

Telephone # (340) 774-3320

NJ Revised 7/16/03

Environmental Protection Agency Internet

Internet - Region 2

EPA Region 2 provides an increasing amount of Environmental media information, and other Regional Activities via Internet at <http://www.epa.gov>. Recently, Region 2 has provided a Freedom of Information Act (FOIA) specific page <http://www.epa.gov/region2/foia.htm> which covers many media programs, currently focusing on RCRA data. Through this FOIA page, you can learn about each media Program, associated databases, and special points of interest. Of particular interest is the ability to "directly download" all of the most commonly requested Region 2 ASCII and Flat File RCRA FOIA reports - all compressed for quicker downloading.

Also found on the FOIA site are direct links to the **Envirofacts** and **RTK Net** public access databases. Both house Environmental media data from EPA National Databases, and are specifically designed for public use. Both have on-line query capabilities for facility specific information.

More specific FOIA requests will be honored by directly writing to Region 2, and more specific questions regarding the RCRA Program should be directed to the RCRA Hotline at 1-800-424-9346.

Internet - HQ

EPA HQ provides BRS data cycle instructions, and the data for all completed BRS data cycles at <http://www.epa.gov/epaoswer/hazwaste/data>.

SD reviewed a series of historic aerial photographs for the years 1940-1999 at the Monmouth County Hall of Records. Table 1 provides a summary of the available aerial photographs.

Table 1 – Summary of Aerial Photographs		
Date	Scale	Type
1940	1" = 1400'	BW Photograph
1957	1" = 1700'	BW Photograph
1969	1" = 400'	BW Photograph
1974	1" = 400'	BW Photograph
1981	1" = 400'	BW Photograph
1986	1" = 400'	BW Photograph
1999	1" = 660'	Color Photograph
Note: BW = Black and White		

The following is SD's interpretation of key highlights represented on these aerial photographs:

- 1940: The majority of the subject property appears developed for agricultural purposes. The portions of the site in the north/northwest are observed as woodlands. An unimproved road is observed leading from the south into the central portion of the subject property, to a farmstead. Four (4) suspected structures and two (2) suspected outbuildings are observed on the farmstead, although due to the scale of the photograph, it is difficult to discern number. Millstone Road is observed to the east and south of the subject property. Sweetman Road is observed to the south of the subject property. A large lake is observed to the southwest of the subject property. The surrounding area is characterized as a mixture of woodlands and agricultural areas.
- 1957: One (1) suspected silo is observed in the center of the subject property, in the farmstead. Some residential development is observed to the southwest of the subject property. No other significant changes are observed on the subject property or to the surrounding areas.
- 1969: At least five (5) structures, laid out in a circular shape, are currently observed in the farmstead, on the subject property. Some residential development is observed to the south of the subject property. Several large structures are observed to the southeast of the subject property. No other significant changes are observed on the subject property or to the surrounding areas.
- 1974: A northward expansion of the unimproved road is observed on the subject property. A large orchard is observed to the northwest of the subject property. A large building is observed at the southern end of the unimproved road, on the south-central adjacent property, displacing smaller buildings that were previously there. No

other significant changes are observed on the subject property or to the surrounding areas.

- 1981: Up to eight (8) suspected outbuildings are observed in the farmstead, on the subject property. A park, with tennis courts, is observed on the south adjacent property. Residential development is observed to the north of the subject property. No other significant changes are observed on the subject property or to the surrounding areas.
- 1986: The northwestern building on the subject property is no longer observed. A decrease in the number of outbuildings is observed on the subject property. No other significant changes are observed on the subject property or to the surrounding areas.
- 1999: Only two (2) structures are observed remaining on the subject property. Several outbuildings are observed surrounding the remaining buildings. Additional residential development is observed to the south of the subject property. Several of the agricultural areas previously observed surrounding the subject property are currently observed as woodlands. No other significant changes are observed on the subject property or to the surrounding areas.

USGS 7.5 Minute Topographic Maps

SD completed a review of the USGS 7.5 Minute Roosevelt Quadrangle Map. The following is SD's interpretation of key highlights represented on these topographic maps:

- 1957 (Photorevised 1981) – The subject site consists of open lands with a series of six (6) structures. A lake is located within a wooded portion of site located in the north east portion of the site. The lake discharges to a stream that is a tributary to Rocky Brook. A smaller water body likely associated with agricultural uses of the site is located in the center of the parcel.

Potential Areas Of Concern

Potential Areas of Concern were evaluated by researching the history of the subject site and observed during the site inspection on May 6, 2004. AOC locations are provided on the 1999 Survey Plan Of: Block 29, Lot 9.01 prepared by LandTech Engineering and Surveying, Inc. (Appendix F).

A. Bulk Storage Tanks and Appurtenances

Aboveground Storage Tank (AOC-1)

On May 6, 2004, SD mobilized to the subject property to perform a site inspection of the subject property and perform a soil investigation of a suspect gasoline underground storage tank. Upon arrival and completion of discussions with Mr. Vigh it was determined that no gasoline underground storage tank was present at the site. Gasoline is stored in a plastic aboveground storage tank located adjacent to the former dairy barn. No indications of soil impact were noted at this location although the AST does not comply with NFPA storage requirements. SD recommends additional investigation of this AOC.

Underground Storage Tanks and Associated Piping (AOC-2)

On May 6, 2004, SD mobilized to the subject property to perform the site inspection of the subject property and to perform a soil investigation around the suspected heating oil UST to determine if the suspected UST has leaked. SD was also to perform a soil investigation around the suspected gasoline UST located in the area of the barn on the western side of the residence. Upon arrival, SD observed that the three (3) barns that were supposed to be located to the west of the residence were no longer standing. SD discussed the former barn locations Mr. Vigh. Mr. Vigh stated that the barns located to the west of the residence were torn down approximately twenty (20) years ago. The suspected gasoline UST was removed from the ground at the barn area and was staged on the concrete pad where the old dairy barn was located. Mr. Vigh was unaware of the exact location to where the gasoline UST was located. Therefore, SD was unable to perform a soil investigation around the suspected gasoline UST due to the unknown location. Upon inspection of the former gasoline UST on the concrete pad which is the suspected gasoline UST that was removed from the ground, exhibited surface rust on the outer surface. No holes or punctures were observed in the UST and no apparent staining was observed around the gasoline UST. Therefore, SD recommends no further investigation of the gasoline UST however, the gasoline UST should be removed and discarded at a fully permitted scrap metal recycling facility.

The heating oil UST fill port and vent pipe were observed at the east exterior of the residence. SD utilized a magnetometer to determine the extents of the UST. The magnetometer indicated that the approximate size of the UST is eight feet (8') by four feet (4'). SD advanced four (4) soil borings (T-1, T-2, T-3 and T-4) within two (2) feet of the perimeter of the UST utilizing a stainless steel hand auger. T-1 was located on the northern side of the suspected UST, T-2 was located on the northeast side of the suspected

UST, T-3 was located on the southeast side of the suspected UST and T-4 was located on the southern side of the suspected UST. SD was unable to advance a boring on the western side of the suspected UST towards the residence due to asphalt pavement covering the ground from the foundation of the residence to approximately one-quarter way over the western side of the suspected UST. The soil borings were field screened with a calibrated photo-ionization detector (PID) for the presence of volatile organic compounds (VOC) and logged in accordance with NJAC 7:26E-3.6. Soil samples T-1 was collected from the six-inch (6") interval above the water table at 4.0-4.5' bgs. Soil sample T-2 and T-3 were collected from the six-inch (6") interval at the bottom of suspected UST from 5.5-6.0' bgs. Soil sample T-4 was collected from the six-inch (6") interval above the water table at 4.5-5.0' bgs. Soil samples (T-1 through T-4) were forwarded to Accutest Laboratories of

Dayton New Jersey, a NJDEP certified laboratory, for Total Petroleum Hydrocarbons (TPHC) analysis utilizing Method 418.1 with contingent Target Compound List (TCL) Volatile Organic Compounds plus a forward library search (VO+10). Contingent VO+10 and PAH analyses would be performed for one (1) sample in the event that a TPHC concentration exceeding the New Jersey Department of Environmental Protection (NJDEP) action level of 1,000 mg/kg was reported. The soil sample location map is presented on Figure 3, Appendix F.

Soil sample T-1 exhibited a TPHC concentration of < 32 mg/kg. Soil sample T-2 exhibited a TPHC concentration of < 28 mg/kg. Soil sample T-3 exhibited a TPHC concentration of < 26 mg/kg. Soil sample T-4 exhibited a TPHC concentration of < 30 mg/kg. Since the reported TPHC concentration is below the NJDEP action level of 1,000 mg/kg for all samples, contingent VO+10 and PAH analysis was not performed. Laboratory analytical data is included in Appendix G.

Based on the above, no further soil investigation is recommended at this time. However, the UST system should be closed and removed in accordance with N.J.A.C. 7:14B and N.J.A.C. 7:26E.

B. Storage and Staging Areas

Storage Pads including drum and/or waste storage (AOC-3 and AOC-4)

Concrete Storage Pad – Former Dairy Barn (AOC-3)

SD observed a concrete storage pad area to the west of the residence. This storage area was concrete flooring from the former dairy barn. Contents on the concrete pad included: Two 550-gallon AST's, one (1) gasoline UST (discussed in AOC-1), one fiberglass tank approximately 1,000 gallons in size, three (3) 55-gallon drums, several batteries, and various wood and metal debris. According to Mr. Vigh, the two (2) 550-gallon AST's were from an off-site source and were put on his property as scrap. Both tanks appeared to be in fair condition with no apparent leaks or punctures. No staining was observed around the AST's. Old fuel odors were apparent from the fiberglass tank. The fiberglass tank appeared to be in good condition with no apparent staining around the tank. The three (3) 55-gallon drums appeared to be in fair condition and no apparent leaks or staining were observed. The batteries located on the concrete pad appeared to be in fair

condition. The concrete pad itself appeared to be in good condition with no major cracks within the concrete. SD recommends further investigation of the surrounding area of this AOC. Proper disposal of the AST's, fiberglass tank, fifty-five gallon drums, and batteries is recommended.

Storage Barn (AOC-4)

SD observed a storage and mechanic barn located to the north of the residence. Various paints and fluids were stored on the shelves on the north wall of the barn. According to Mr. Vigh, the barn is where he performs the service on his farm equipment. Several fifty-five (55) gallon drums were observed on the east side of the barn. All of the drums were empty and appeared to be in good condition. The floor of the barn is concrete, which appeared to be in good condition with no major cracks. A few spots of staining were observed on the concrete floor of the barn. No cracks in the floor were apparent in the areas where the stains were observed. SD recommends further investigation of the interior of the barn. However, proper disposal of the paints and fluids inside the barn is recommended

Various drums and debris were observed on the south and west exteriors of the barn. Unknown piping was observed on the east exterior of the barn under the trailer. Several batteries were located on the ground to the southeast of the barn. Possible staining was observed on the south and east exteriors of the barn. Possible stressed vegetation was observed in the area of the batteries SD recommends further investigation of this AOC.

C. Drainage Systems and Areas

Drainage Swales and Culverts (AOC-5)

SD observed two (2) drainage swales on the western portion of property. The first drainage swale was located at the western portion of property and was approximately six feet (6') in deep and ten feet (10') in wide. A metal lid, fabric, and tree debris was observed at the east starting point of the swale. The swale drained into the surface water body located at the western perimeter of the property. The swale was dry and no apparent staining was observed within the swale where the debris was located. SD recommends further investigation of this AOC.

The second swale was located at the northwest perimeter of the property. Roof shingles and two (2) 5-gallon paint cans were observed at the southeast starting point of the swale. The swale ran downhill and was dry. No apparent staining was observed in the area where the debris was found. SD recommends further investigation of this AOC.

Surface Water Bodies (AOC-6)

SD observed two surface water bodies on the property. The first was located at the western perimeter of the property. The second was located at the northeastern portion of the property in the main wooded area. A brook was observed flowing into the surface water body. The brook was located on the northern wooded fork along Millstone Road.

The brook and both surface water bodies appeared to be in good condition with no areas of staining or stressed vegetation. SD recommends no further investigation of this AOC.

Septic Systems (AOC-7)

The residence is serviced by an on-site septic system. It is unknown to where the exact location of the septic system is located. SD recommends that Monmouth County obtain written confirmation from the current property owner that only sanitary waste was discharged to the septic system and recommends that the on-site septic system be closed in accordance with the New Jersey Standards for Subsurface Sewage Disposal Systems (N.J.A.C. 7:9A).

D. Discharge and Disposal Areas

Waste Piles (AOC-8)

Abandoned Vehicle (AOC-8A)

SD observed an abandoned vehicle in the smaller wooded section to the north of the residence. Brush and weeds were growing around the vehicle. No areas of stressed vegetation or surface staining were observed on the ground surface around the perimeter. SD was unable to view the ground condition under the vehicle. SD recommends further investigation of this AOC.

Drum Carcasses/Tractor debris (AOC-8B)

SD observed various metal debris in the smaller wooded section to the north of the residence just south of the abandoned vehicle (AOC-6A). The contents within the pile included: general scrap metal, four (4) rusty drum carcasses approximately thirty (30) gallons in size, one (1) rusted tank carcass approximately one-hundred (100) gallons in size, ten (10) five-gallon rusty can carcasses, one (1) gas tank carcass, and various car and tractor parts. There were no contents inside the above-mentioned drums. The debris was within a depression similar to a drainage swale that would allow storm water to run through the debris and travel to the east. According to Mr. Vigh, the drums, cans and tanks were placed out in the woods with no contents inside. The area was not heavily vegetated, which could possibly be an area of stressed vegetation. SD recommends further investigation of this AOC.

550-Gallon Tank (AOC-8C)

SD observed a tank approximately 550 gallons in size, which is located to the southwest of AOC-6B mentioned above at the western edge of the woods. The tank was rusty and in fair condition. No holes or punctures were apparent and no staining or areas of stressed vegetation were observed. Two (2) pipes were observed adjacent to the tank. The pipes were approximately four inches (4") in diameter. It is unknown whether the

E. Other Areas of Concern

Electrical Transformers and Capacitors (AOC-9)

Transformers and other types of electrical equipment have historically utilized dielectric fluid containing polychlorinated biphenyl compounds (PCBs). SD observed one (1) transformer mounted on utility pole on the southwest side of the of the residence. The transformer appeared to be in good condition with no apparent rust or staining or areas of stressed vegetation. SD recommends no further investigation of this AOC.

Discolored or Spill Areas (AOC-10)

Farm vehicles were observed parked to the northwest of the residence. A small tractor parked in this area had an apparent transmission/oil leak. No vegetative growth was observed under the tractor and staining was also observed under the tractor. SD recommends further investigation of this AOC.

Areas of Stressed Vegetation (AOC-11)

AOC-11A

SD observed two (2) potential areas of stressed vegetation. The first area is located directly to the north of the residence adjacent to the tree line. Various farming equipment has been staged in this area such as trailers, field sprayers, abandoned vehicles, and various metal debris. The area in which this equipment exists has a minimal amount of vegetative growth. No apparent staining is observed within this area. However due to the lack of growth of vegetation, SD recommends further investigation of this AOC.

SD observed stacks of piping to the west of the above area. The piping appears to be aluminum. According to Mr. Vigh, the piping is utilized for irrigation for the fields. SD recommends no further investigation of the piping.

AOC-11B

The second area of stressed vegetation is at the northeast corner of the narrow field directly north of the residence and to the west of the surface water body. No major vegetative growth exists in this area. There is no evidence of staining or of anything in the existing area that could have promoted the lack of vegetative growth. Since it is unknown why vegetative growth is lacking in this area, SD recommends further investigation of this AOC.

Hazardous Material Storage or Handling Areas (AOC-12)

SD observed several storage areas within the vehicle maintenance barn. Based on the identification of hazardous materials and historic equipment repairs that likely occurred at this location the potential exists for the discharge of hazardous materials associated with equipment maintenance operations. SD recommends further investigation of this AOC.

G. Any Other Site-Specific Area Of Concern

Potable Well (AOC-13)

The subject site is serviced by a potable well. Groundwater quality for this well is unknown. SD recommends further investigation of this AOC.

Historic Agricultural Use (AOC-14)

The subject site was used for agricultural purposes as early as 1940. According to the document Findings and Recommendations for the Remediation of Historic Pesticide Contamination prepared by the New Jersey Historic Pesticide Contamination Task Force, agricultural use is identified as an AOC as several pesticides of concern have been identified based on their historic use and persistence in the environment. SD recommends further investigation of this AOC.

APPENDIX F

FIGURES

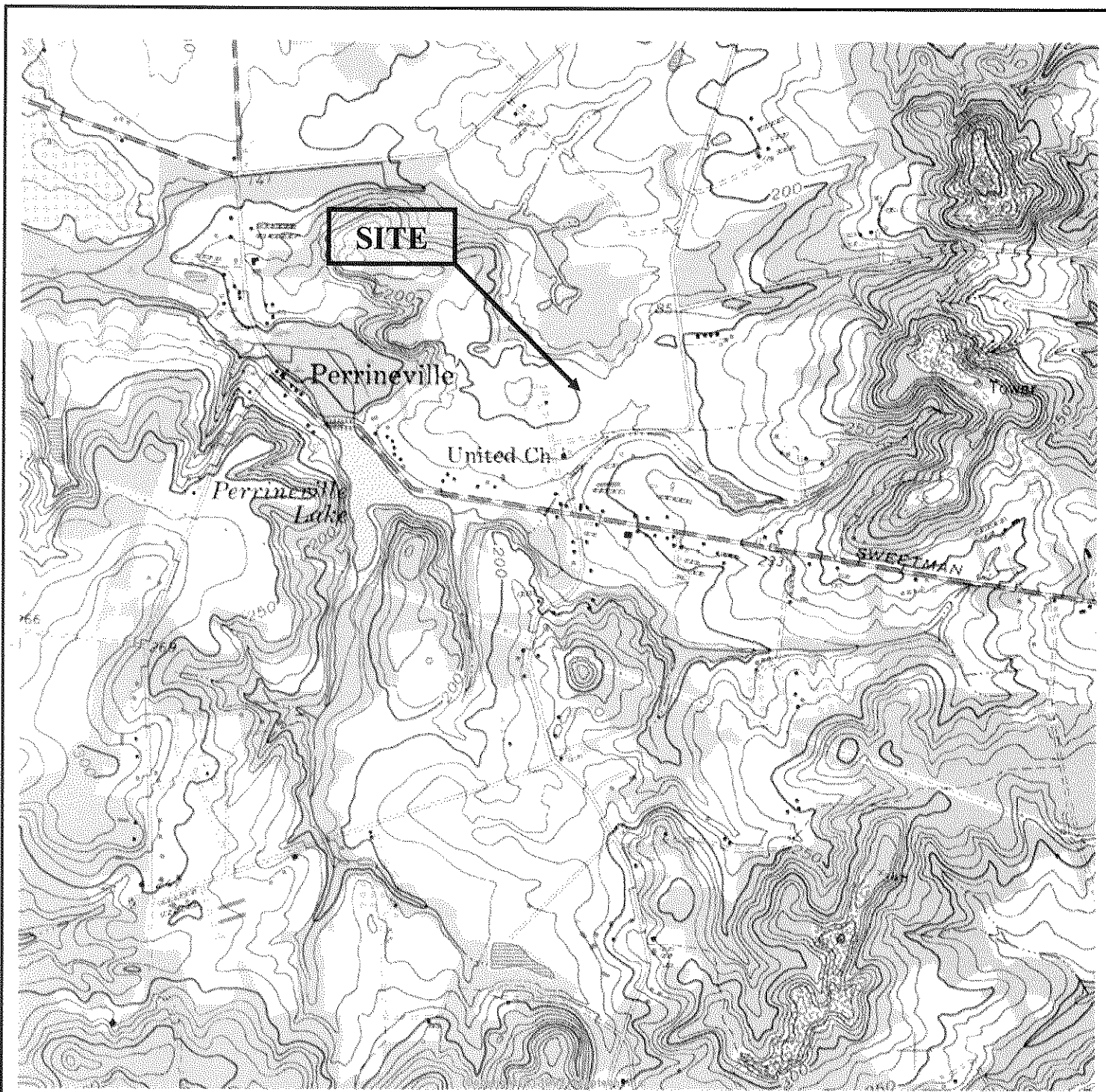


FIGURE 1: APPROXIMATE SITE LOCATION OUTLINED ON A COPY OF THE USGS 7.5 MINUTE TOPOGRAPHIC MAP, ROOSEVELT QUAD.

TOPOGRAPHIC MAP

SCHOOR DEPALMA Engineers and Consultants

200 STATE HIGHWAY NINE
P.O. BOX 900
MANALAPAN, NJ 07726-0900
TEL. (732) 577-9000 FAX (732) 577-8168



VIGH PROPERTY
207 MILLSTONE RD
BLOCK 29 LOT 9.01

PERRINEVILLE
MONMOUTH COUNTY, NJ



SCALE
1" = 2000'

DATE
9/2/04

DRAWN BY
KH

PROJECT NO.
030229101

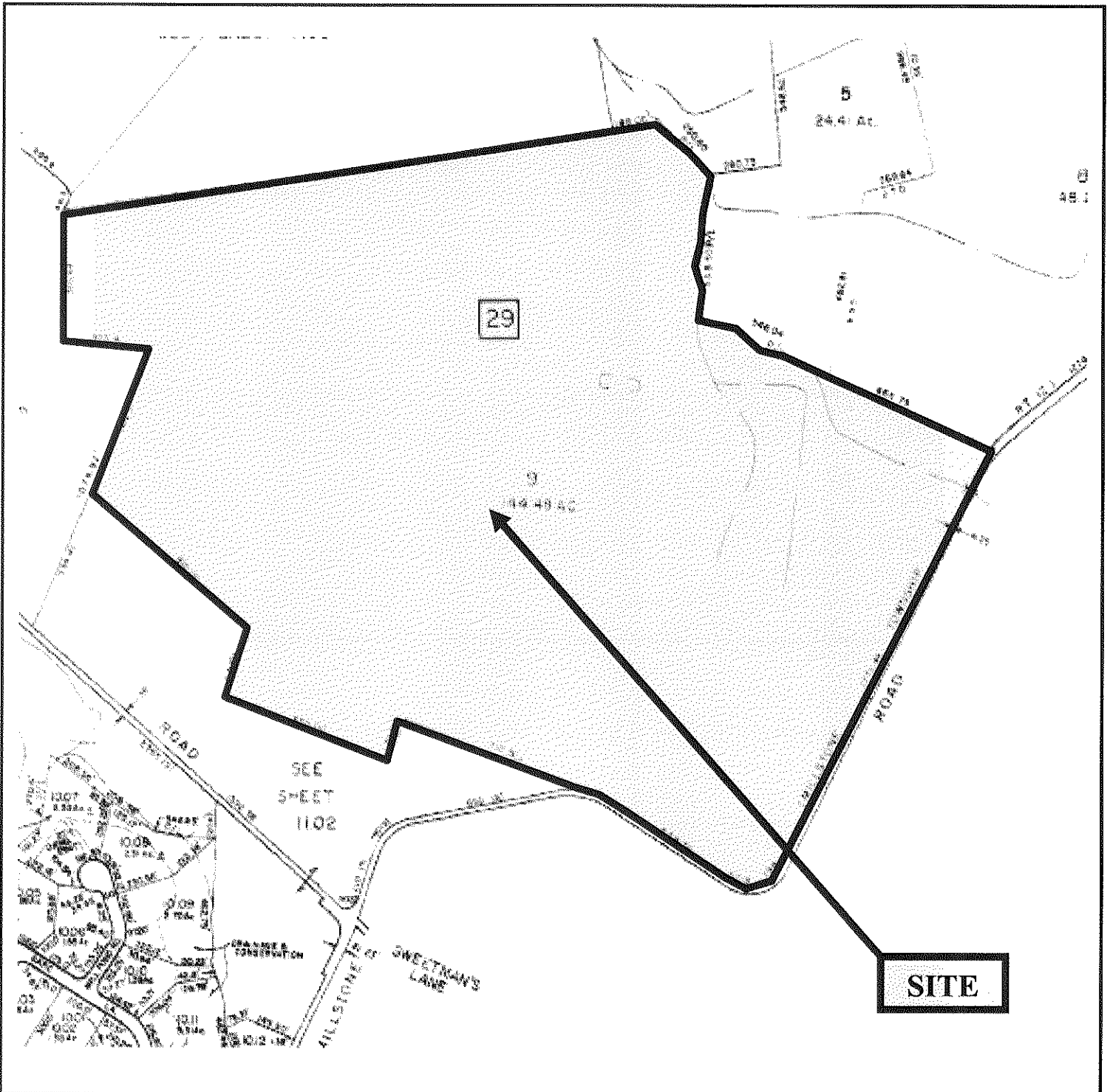
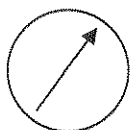


FIGURE 2: SITE BOUNDARY OUTLINED ON A COPY OF THE MILLSTONE TOWNSHIP TAX MAP.

TAX MAP

SCHOOR DEPALMA
Engineers and Consultants

200 STATE HIGHWAY NINE
P.O. BOX 900
MANALAPAN, NJ 07726-0900
TEL. (732) 577-9000 FAX (732) 577-8168



NORTH

VIGH PROPERTY
207 MILLSTONE RD
BLOCK 29 LOT 9.01

PERRINEVILLE
MONMOUTH COUNTY, NJ

N:\broiect\2003\0302291\01\figures\rea figure.doc

SCALE
NTS

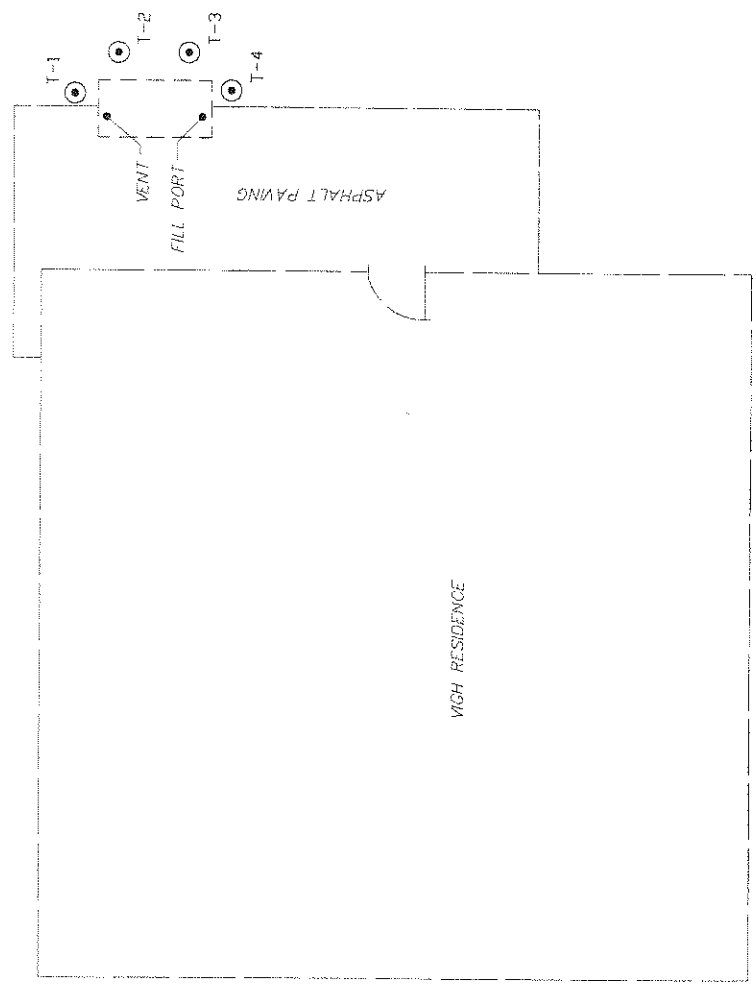
DATE
9/2/04

DRAWN BY
KH

PROJECT NO.
030229101



SHED




HIGH RESIDENCE

LEGEND

○ INDICATES SOIL SAMPLE LOCATION

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SCHOOR DEPALMA
Engineers and Consultants
Cert. Of Authorization 240A27926200
200 STATE HIGHWAY NINE
P.O. BOX 900 MANALAPAN, NJ 07726
TEL (732)577-9000 FAX (732)577-9888

FIGURE-3 SOIL BORING LOCATION PLAN
VIGH PROPERTY
MILLSTONE, NEW JERSEY
CITY OF MILLSTONE, MERCER COUNTY, NEW JERSEY

PROJECT NO	030229101
SCALE	1" = 10'
DATE	09/02/04
CHECKED BY	JS
SHEET NO.	1 of 1

APPENDIX G

LABORATORY TECHNICAL REPORT



New Jersey

ACCUTEST.

Laboratories

05/24/04

RECEIVED

MAY 25 2004

**SCHOOOR DEPALMA INC.
MANALAPAN**

Technical Report for

Schoor Depalma

Vigh Property, 207 Millstone Road, Perrineville, NJ

030229101

Accutest Job Number: N66634

Sampling Date: 05/06/04

Report to:

Schoor Depalma
198 Route 9
Manalapan, NJ 07726

ATTN: John Sammon

Total number of pages in report: 20



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, MA, MD, NC, PA, RI, SC, VA

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Sample Summary

Schoor Depalma

Job No: N66634

Vigh Property, 207 Millstone Road, Perrineville, NJ
Project No: 030229101

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
N66634-1	05/06/04	11:30 MT	05/07/04	SO	Soil	T-1
N66634-2	05/06/04	11:50 MT	05/07/04	SO	Soil	T-2
N66634-3	05/06/04	12:10 MT	05/07/04	SO	Soil	T-3
N66634-4	05/06/04	12:25 MT	05/07/04	SO	Soil	T-4



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Reduced Laboratory Data Deliverables
For
Non-USEPA/CLP Methods

Title/Cover Page

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- C. Blank Spike Summary
- D. Matrix Spike/Matrix Spike Duplicate Summary
- E. Tune Results Summary
- F. Internal Standard Summary
- G. Surrogate Recovery Results Summary
- H. Calibration Summary (sorted by Instrument)
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Continuing Calibration Check Summary
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Section 3 GC Support Data

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Duplicate Results Summary
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RESULTS

Report of Analysis

Client Sample ID: T-1	Date Sampled: 05/06/04
Lab Sample ID: N66634-1	Date Received: 05/07/04
Matrix: SO - Soil	Percent Solids: 82.5
Project: Vigh Property, 207 Millstone Road, Perrineville, NJ	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	<32	32	mg/kg	1	05/11/04	LE	EPA 418.1 M
Solids, Percent	82.5		%	1	05/08/04	RA	ASTM 4643-00

RL = Reporting Limit

Report of Analysis

Client Sample ID: T-2		Date Sampled: 05/06/04
Lab Sample ID: N66634-2		Date Received: 05/07/04
Matrix: SO - Soil		Percent Solids: 89.9
Project: Vigh Property, 207 Millstone Road, Perrineville, NJ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	<28	28	mg/kg	1	05/11/04	LE	EPA 418.1 M
Solids, Percent	89.9		%	1	05/08/04	RA	ASTM 4643-00

RL = Reporting Limit

Report of Analysis

Client Sample ID:	T-3	Date Sampled:	05/06/04
Lab Sample ID:	N66634-3	Date Received:	05/07/04
Matrix:	SO - Soil	Percent Solids:	90.0
Project:	Vigh Property, 207 Millstone Road, Perrineville, NJ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	<26	26	mg/kg	1	05/11/04	LE	EPA 418.1 M
Solids, Percent	90		%	1	05/08/04	RA	ASTM 4643-00

Report of Analysis

Client Sample ID: T-4	Date Sampled: 05/06/04
Lab Sample ID: N66634-4	Date Received: 05/07/04
Matrix: SO - Soil	Percent Solids: 86.0
Project: Vigh Property, 207 Millstone Road, Perrineville, NJ	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	<30	30	mg/kg	1	05/11/04	LE	EPA 418.1 M
Solids, Percent	86		%	1	05/08/04	RA	ASTM 4643-00

RL = Reporting Limit



CHAIN OF CUSTODY

2235 Route 130, Dayton NJ 08810
 TEL: 732-329-0200 FAX: 732-3499/3480
 www.accutest.com

Company Name SCHLOSS DEPALMA		Project Name VIGNA PROPERTY	
Address 200 Route 9		Street 207 MILLSTONE ROAD	
City MALDEN NJ		City PATRICKVILLE NJ	
State NJ		State NJ	
Zip 07726		Zip 07024	
Project Contact JOHN SAMMON		Project # 030229101	
E-mail		Fax # (732) 577-8168	
Phone # (732) 577-9000		Client Purchase Order # 030229101	
Sampler's Name MATT TALMADGE		Matrix	
Field ID / Point of Collection		Sampled By	
Acctest Sample #	SUMMA #	Date	Time
1 T-1	1169	5/6/04	1130
2 T-2	1170	1150	
3 T-3	1164	1210	
4 T-4	1165	1225	
5 TRIP BLANK	1171	5/4/04	1800

Turnaround Time (Business Days) SD STANDARD		Approved By / Date SD STANDARD	
<input type="checkbox"/> Std. 15 Business Days <input checked="" type="checkbox"/> 10 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> Other		<input type="checkbox"/> Commercial 'A' <input type="checkbox"/> Commercial 'B' <input checked="" type="checkbox"/> NJ Reduced <input type="checkbox"/> NJ Full <input type="checkbox"/> Other	
Emergency & Rush TIA data available via LabLink		Commercial 'A' = Results Only	
Relinquished by Sampler [Signature]	Relinquished by [Signature]	Relinquished by [Signature]	Relinquished by [Signature]
Date Time 5/10/04	Date Time 5/10/04	Date Time 5/10/04	Date Time 5/10/04
Relinquished by [Signature]	Relinquished by [Signature]	Relinquished by [Signature]	Relinquished by [Signature]
Date Time 5/10/04	Date Time 5/10/04	Date Time 5/10/04	Date Time 5/10/04
Relinquished by [Signature]	Relinquished by [Signature]	Relinquished by [Signature]	Relinquished by [Signature]
Date Time 5/10/04	Date Time 5/10/04	Date Time 5/10/04	Date Time 5/10/04

Comments/Remarks
*** FAST TRACK TPNC, VOA'S**
Are Contingent.
PHC FAST TRACK

Internal Sample Tracking Chronicle

Schoor Depalma

Job No: N66634

Vigh Property, 207 Millstone Road, Perrineville, NJ
 Project No: 030229101

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
N66634-1 Collected: 06-MAY-04 11:30 By: MT Received: 07-MAY-04 By: MPC						
T-1						
N66634-1	ASTM 4643-00	08-MAY-04	RA			%SOLFT
N66634-1	EPA 418.1 M	11-MAY-04	LE	10-MAY-04 HBA		PHCFT
N66634-2 Collected: 06-MAY-04 11:50 By: MT Received: 07-MAY-04 By: MPC						
T-2						
N66634-2	ASTM 4643-00	08-MAY-04	RA			%SOLFT
N66634-2	EPA 418.1 M	11-MAY-04	LE	10-MAY-04 HBA		PHCFT
N66634-3 Collected: 06-MAY-04 12:10 By: MT Received: 07-MAY-04 By: MPC						
T-3						
N66634-3	ASTM 4643-00	08-MAY-04	RA			%SOLFT
N66634-3	EPA 418.1 M	11-MAY-04	LE	10-MAY-04 HBA		PHCFT
N66634-4 Collected: 06-MAY-04 12:25 By: MT Received: 07-MAY-04 By: MPC						
T-4						
N66634-4	ASTM 4643-00	08-MAY-04	RA			%SOLFT
N66634-4	EPA 418.1 M	11-MAY-04	LE	10-MAY-04 HBA		PHCFT

GEN CHEM

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: N66634
Account: DEPALMA - Schoor Depalma
Project: Vigh Property, 207 Millstone Road, Ferrineville, NJ

Analyte	Batch ID	RL	MB Result	Units	BSP %Recov	QC Limits
Petroleum Hydrocarbons	GP23403/GN67373	25	<25	mg/kg	84.3	80-120*

Associated Samples:

Batch GP23403: N66634-1, N66634-2, N66634-3, N66634-4

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: N66634
Account: DEPALMA - Schoor Depalma
Project: Vigh Property, 207 Millstone Road, Perrineville, NJ

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Petroleum Hydrocarbons	GP23403/GN67373	N65957-1	mg/kg	<34	135	149	110.2	52-132*

Associated Samples:

Batch GP23403: N66634-1, N66634-2, N66634-3, N66634-4

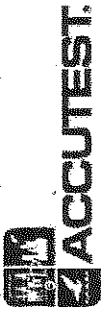
DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: N66634
Account: DEPALMA - Schoor Depalma
Project: Vigh Property, 207 Millstone Road, Perrineville, NJ

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Petroleum Hydrocarbons	GP23403/GN67373	N65957-1	mg/kg	<34	<33	0.0	0-34%

Associated Samples:

Batch GP23403: N66634-1, N66634-2, N66634-3, N66634-4



Prep Log - TPH

Analyst: RICKY
 GN Batch ID: 67373
 GP Batch ID: GP23403
 Analysis Date: 5/11/04
 Prep Date: 5/10/04 23:18

Test: Petroleum Hydrocarbons
 Product: PHC
 Method: EPA 418.1 Mod
 Matrix: Soil / Solid
 Analytical wavenumber: 2924 cm-1
 Balance #: b-11
 Freon Used: R050604-02
 Spike Lot #: GNE5-5556-PHC

Cell BOT

	Cell #	Sample ID	Sample Wt (g)	Dilution	Dilution Prep	Comments
1	A1	GP23403-MB1				
2	A2	GP23403-B1				
3	A3	GP23403-S1(N65957-1)	9.6000			1.00 ML OF .977 MG/ML SPIKE
4	A4	GP23403-D1(N65957-1)	10.1000			1.00 ML OF .977 MG/ML SPIKE
5	A5	N65693-1	9.8000	1:25	1 ml → 25 ml freon	
6	A6	N65693-2	9.7000	1:5	5 ml → 25 ml freon	
7	C	N65830-1	9.6000			
8	E	N65957-1 XX	9.9000			
9	F	N66081-1	10.1000	1:25	1 ml → 25 ml freon	yellowish brown, no odor
10	G	N66344-1A	10.0000			
11	H	N66553-1	10.0000	1:5	5 ml → 25 ml freon	
12	I	N66553-2	9.9000			
13	J	N66553-3	9.7000	1:25	1 ml → 25 ml freon	
14	K	N66553-4	9.5000	1:25	1 ml → 25 ml freon	
15	M	N66597-1	9.6000			
16	N	N66619-1	10.2000			
17	O	N66627-1	9.6000			
18	P	N66627-2	9.6000			
19	Q	N66634-1	9.6000			
20	R	N66634-2	9.8000			
21	S	N66634-3	10.5000			
22	T	N66634-4	9.6000			
23	W	N66694-1	9.8000			
24	X	N66699-1	10.1000			

XX = QC Sample

Analyst: D. Saromiski Date: 5/11/04 QC Reviewer: [Signature] Date: _____



Test: Petroleum Hydrocarbons
 Product: PHC
 Method: EPA 418.1 Mod

Units: mg/kg

Analyst: LE
 GNBatch ID: GN67373
 GPBatch ID: GP23403
 Date: 5/11/04

Preparation Batch QC Summary

Units = mg/kg

Method Blank ID: GP23403-mbl Date: 5/11/04 Result: <25.0 DL: 25.0 <DL: yes
 Spike Blank ID: -B1 Date: 5/11/04 Result: 82.4 Spike: 97.7 %Rec.: 84.3%
 Duplicate ID: -D1 Samp. Result: <25.0 Dup. Result: <25.0 %RPD: NC
 MS ID: -S1 Samp. Result: <25.0 MS Result: 112.5 Spike: 101.8 %Rec.: 110.5%

Method Blank ID: _____ Date: _____ Result: _____ DL: _____ <DL: _____
 Spike Blank ID: _____ Date: _____ Result: _____ Spike: _____ %Rec.: _____
 Duplicate ID: _____ Samp. Result: _____ Dup. Result: _____ %RPD: _____
 MS ID: _____ Samp. Result: _____ MS Result: _____ Spike: _____ %Rec.: _____

Analysis Batch QC Summary

Units = mg/l

ICV (Ext): 5/11/04 Result: 4.14 TV: 4.06 %Rec.: 103.5%

CCV: 5/11/04 Result: 3.98 TV: 4.00 %Rec.: 99.5%
 CCV: ↓ Result: 4.00 TV: ↓ %Rec.: 100%
 CCV: ↓ Result: 4.00 TV: ↓ %Rec.: 100%
 CCV: ↓ Result: 3.99 TV: ↓ %Rec.: 99.8%
 CCV: _____ Result: _____ TV: _____ %Rec.: _____
 CCV: _____ Result: _____ TV: _____ %Rec.: _____

CCB: _____ Result: _____ DL: _____ <DL: _____
 CCB: _____ Result: _____ DL: _____ <DL: _____
 CCB: _____ Result: _____ DL: _____ <DL: _____
 CCB: _____ Result: _____ DL: _____ <DL: _____
 CCB: _____ Result: _____ DL: _____ <DL: _____
 CCB: _____ Result: _____ DL: _____ <DL: _____

Reagent Reference Numbers:

See attached sheet

Freon Manufacturer: _____ Lot Number: _____
 Sodium Sulfate Manufacturer: _____ Lot Number: _____
 Silica Gel Manufacturer: _____ Lot Number: _____

Analyst: LE Date: 5/11/04

Comments: _____



GENERAL CHEMISTRY STANDARD PREPARATION LOG

Product: PHC
 (GN) or GP Number: 67373

Intermediate Standard Description	Stock used to prepare standard	Stock concentration	Stock volume used in ml	Diluent	Final Volume	Final Conc. of Intermediate (mg/l)	Expiration Date	Analyst	Date
Dil. Std. Stock	GP2E4-5415-PHC	10,000 ppm	10	Freeon	100	1000 ppm	5/16/04	MW	4/16/04
Dil. Ext. Stock	GP2E4-5416-PHC								
Standard Description	Intermediate or Stock used to prepare standard	Intermediate or Stock concentration	Intermediate or Stock volume used in ml	Diluent	Final Volume	Final Conc. of Standard (mg/l)	Expiration Date	Analyst	Date
Std 1	GP2E4-5417-PHC	1000 ppm	0.5	Freeon	100 mL	5.0	5/16/04	MW	4/16/04
Std 2			1.0			10.0			
Std 3			2.0			20.0			
Std 4			4.0			40.0			
Std 5			6.0			60.0			
Std 6			8.0			80.0			
External	GP2E4-5418-PHC	1000 ppm				40.0			



ACCUTEST

Reagent Information Log - PHC

GN 67373

Reagent	Reagent # or Manufacturer/Lot	Exp. Date
Fluorocarbon - 113	Recycled lot# 050604-02	NA
Spike Solution	GNE5-5556 - PHC	6/6/04
Sodium Sulfate	EMD 43329408	N/A
Hydromatrix	UACIAN 06504	N/A
Silica Gel	Fisher lot# 020594	N/A
ICV	GNE4-5418-PHC	5/16/04
CCV	GNE4-5417-PHC	5/16/04

All standards and stocks were made as described in the SOP for this method (circle one): Y or N
If no (N), see attached page for standards prep.