BPEnvironmental, Inc.

1103 S. Talbot Street, Suite D
St. Michaels, MD 21663
Phone (410) 745-0919
Fax (410) 745-0922

300 High Street, Suite 3
Seaford, DE 19970
Phone (302) 629-6505
Fax (302) 629-6722

www.bpenvironmental.net

RECEIVED
NOV 01 2010
SURFACE WATER

28 October 2010

John DeFriece
Delaware, Department of Natural Resources
and Environmental Control
Division of Water/Surface Water
89 Kings Highway
Dover, Delaware 19901
Fed Ex# - 8729 8258 8074

Re: NPDES Permit Renewal
18752 Harbeson Road
Harbeson, DE 19951
State Permit No. WPCC 3131E/76
NPDES Permit No. DE0000299

Dear Mr. DeFriece:

On behalf of our client, Allen Family Foods, Inc., enclosed please find the application for the renewal of the above mentioned discharge permit. This renewal is for the Allen Family Foods, Inc. facility located at 18752 Harbeson Road, Harbeson, Sussex County, Delaware 19951.

Thank you in advance for your prompt attention to this renewal package.

Sincerely yours,

Gary K Lasako

Gary Lasako
BP Environmental, Inc.

cc: Delaware Department of Natural Resources and Environmental Control
Tom Brinson, Allen Family Foods, Inc., Seaford
Michael Sause, Allen Family Foods, Inc., Harbeson
File

O:\Jobs\Archive\AL-130-Harbeson\18-NPDES Permit\Final Report\10.28.10._cvr_ltr.doc

EPA FORM 1

Disclaimer

This is an updated PDF document that allows you to type your information directly into the form, print it, and save the completed form.

Note: This form can be viewed and saved only using Adobe Acrobat Reader version 7.0 or higher, or if you have the full Adobe Professional version.

Instructions:

1. Type in your information
2. Save file (if desired)
3. Print the completed form
4. Sign and date the printed copy
5. Mail it to the directed contact.

RECEIVED
NOV 01 2010
SURFACE WATER

United States
Environmental Protection
Agency

Office of
Enforcement
Washington, DC 20460

EPA Form 3510-1
Revised August 1990

Permits Division

EPA

Application Form 1 – General Information

Consolidated Permits Program

RECEIVED
NOV 01 2010
SURFACE WATER

This form must be completed by all persons applying for a permit under EPA's Consolidated Permits Program. See the general instructions to Form 1 to determine which other application forms you will need.

DESCRIPTION OF CONSOLIDATED PERMIT APPLICATION FORMS

The Consolidated Permit Application Forms are:

Form 1 – General Information (*included in this part*);

Form 2 – Discharges to Surface Water (*NPDES Permits*):

2A. Publicly owned Treatment Works (*Reserved - not included in this package*),

2B. Concentrated Animal Feeding Operations and Aquatic Animal Production Facilities (not included in this package),

2C. Existing Manufacturing, Commercial, Mining, and Silvicultural Operations (*not included in this package*), and

2D. New Manufacturing, Commercial, Mining, and Silvicultural Operations (*Reserved - not included in this package*);

Form 3 – Hazardous Waste Application Form (*RCRA Permits - not included in this package*);

Form 4 – Underground Injection of Fluids (*UIC Permits - Reserved - not included in this package*); and

Form 5 – Air Emissions in Attainment Areas (*PSD Permits - Reserved - not included in this package*).

FORM 1 PACKAGE TABLE OF CONTENTS

Section A. General Instructions

Section B. Instructions for Form 1

Section C. Activities Which Do Not Require Permits

Section D. Glossary

Form 1 (*two copies*)

SECTION A – GENERAL INSTRUCTIONS

Who Must Apply

With the exceptions described in Section C of these instructions, Federal laws prohibit you from conducting any of the following activities without a permit.

NPDES (*National Pollutant Discharge Elimination System Under the Clean Water Act, 33 U.S.C. 1251*). Discharge of pollutants into the waters of the United States.

RCRA (*Resource Conservation and Recovery Act, 42 U.S.C. 6901*). Treatment, storage, or disposal of hazardous wastes.

UIC (*Underground Injection Control Under the Safe Drinking Water Act, 42 U.S.C. 300f*). Injection of fluids underground by gravity flow or pumping.

PSD (*Prevention of Significant Deterioration Under the Clean Air Act, 72 U.S.C 7401*). Emission of an air pollutant by a new or modified facility in or near an area which has attained the National Ambient Air Quality Standards for that pollutant.

Each of the above permit programs is operated in any particular State by either the United States Environmental Protection Agency (*EPA*) or by an approved State agency. You must use this application form to apply for a permit for those programs administered by EPA. For those programs administered by approved states, contact the State environmental agency for the proper forms.

If you have any questions about whether you need a permit under any of the above programs, or if you need information as to whether a particular program is administered by EPA or a State agency, or if you need to obtain application forms, contact your EPA Regional office (*listed in Table 1*).

Upon your request, and based upon information supplied by you, EPA will determine whether you are required to obtain a permit for a particular facility. Be sure to contact EPA if you have a question, because Federal laws provide that you may be heavily penalized if you do not apply for a permit when a permit is required.

Form 1 of the EPA consolidated application forms collects general information applying to all programs. You must fill out Form 1 regardless of which permit you are applying for. In addition, you must fill out one of the supplementary forms (*Forms 2 – 5)* for each permit needed under each of the above programs. Item II of Form 1 will guide you to the appropriate supplementary forms.

You should note that there are certain exclusions to the permit requirements listed above. The exclusions are described in detail In Section C of these instructions. If your activities are excluded from permit requirements then you do not need to complete and return any forms.

NOTE: Certain activities not listed above also are subject to EPA administered environmental permit requirements. These include permits for ocean dumping, dredged or fill material discharging, and certain types of air emissions. Contact your EPA Regional office for further information.

Table 1. Addresses of EPA Regional Contacts and States Within the Regional Office Jurisdictions

REGION 1

Permit Contact, Environmental and Economic Impact Office, U.S. Environmental Protection Agency, 1 Congress St., Suite 1100, Boston, MA 02114-2023, Phone: (617) 918-1111, Fax: (617) 918-1809, Toll free within Region 1: (888) 372-7341, http://www.epa.gov/region01/.

Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

REGION 2

Permit Contact, Permits Administration Branch, U.S. Environmental Protection Agency, 290 Broadway, New York, NY 10007-1866, Phone: (212) 637-3000, Fax: (212) 637-3526, http://www.epa.gov/region02/.

New Jersey, New York, Virgin Islands, and Puerto Rico.

REGION 3

Permit Contact (*3 EN 23*), U.S. Environmental Protection Agency, 1650 Arch Street, Philadelphia, PA 19103-2029, Phone: (215) 814-5000, Fax: (215) 814-5103, Toll free: (800) 438-2474, http://www.epa.gov/region03/.

Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia.

REGION 4

Permit Contact, Permits Section, U.S. Environmental Protection Agency, Atlanta Federal Center, 61 Forsyth Street, SW, Atlanta, GA 30303-3104, Phone: (404) 562-9900, Fax: (404) 562-8174, Toll free: (800) 241-1754, http://www.epa.gov/region04/.

Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

REGION 5

Permit Contact (*5EP*), U.S. Environmental Protection Agency, 77 West Jackson Boulevard, Chicago, IL 60604-3507, Phone: (312) 353-2000, Fax: (312) 353-4135, Toll free within Region 5: (800) 621-8431, http://www.epa.gov/region5/.

Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

REGION 6

Permit Contact (*6AEP*), U.S. Environmental Protection Agency, Fountain Place 12th Floor, Suite 1200, 1445 Ross Avenue, Dallas, TX 75202-2733, Phone: (214) 665-2200, Fax: (214) 665-7113, Toll free within Region 6: (800) 887-6063, http://www.epa.gov/region06/.

Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

REGION 7

Permit Contact, Permits Branch, U.S. Environmental Protection Agency, 901 North 5th Street, Kansas City, KS 66101, Phone: (913) 551-7003, Toll free: (800) 223-0425, http://www.epa.gov/region07/.

Iowa, Kansas, Missouri, and Nebraska.

REGION 8

Permit Contact (*8E-WE*), U.S. Environmental Protection Agency, 999 18th Street, Suite 500, Denver, CO 80202-2466, Phone: (303) 312-6312, Fax: (303) 312-6339, Toll free: (800) 227-8917, http://www.epa.gov/region08/.

Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.

REGION 9

Permit Contact, Permits Branch (*E-4*), U.S. Environmental Protection Agency, 75 Hawthorne Street, San Francisco, CA 94105, Phone: (415) 947-8000, Fax: (415) 947-3553, Toll free within Region 9: (866) EPA-WEST, http://www.epa.gov/region09/.

Arizona, California, Hawaii, Nevada, Guam, American Samoa, and Trust Territories.

REGION 10

Permit Contact (*M/S 521*), U.S. Environmental Protection Agency, 1200 Sixth Avenue, Seattle, WA 98101, Phone: (206) 553-1200, Fax: (206) 553-2955, Toll free: (800) 424-4372, http://www.epa.gov/region10/.

Alaska, Idaho, Oregon, and Washington.

Where to File

The application forms should be mailed to the EPA Regional office whose Region includes the State in which the facility is located (*see Table 1*).

If the State in which the facility is located administers a Federal permit program under which you need a permit, you should contact the appropriate State agency for the correct forms. Your EPA Regional office (*Table 1*) can tell you to whom to apply and can provide the appropriate address and phone number.

When to File

Because of statutory requirements, the deadlines for filing applications vary according to the type of facility you operate and the type of permit you need. These deadlines are as follows:[1]

Table 2. Filing Dates for Permits

FORM (*permit*)	WHEN TO FILE
2A (*NPDES*)	180 days before your present NPDES permit expires.
2B (*NPDES*)	180 days before your present NPDES permit expires[2], or 180 days prior to startup if you are a new facility.
2C (*NPDES*)	180 days before your present NPDES permit expires[2].
2D (*NPDES*)	180 days prior to startup.
3 (*Hazardous Waste*)	Existing facility: Six months following publication of regulations listing hazardous wastes. New facility: 180 days before commencing physical construction.
4 (*UIC*)	A reasonable time prior to construction for new wells; as directed by the Director for existing wells.
5 (*PSD*)	Prior to commencement of construction.

[1] Please note that some of these forms are not yet available for use and are listed as "Reserved" at the beginning of these instructions. Contact your EPA Regional office for information on current application requirements and forms.

[2] If your present permit expires on or before November 30, 1980, the filing date is the date on which your permit expires. If your permit expires during the period December 1, 1980–May 31, 1981, the filing date is 90 days before your permit expires.

Federal regulations provide that you may not begin to construct a new source in the NPDES program, a new hazardous waste management facility, a new injection well, or a facility covered by the PSD program before the issuance of a permit under the applicable program. Please note that if you are required to obtain a permit before beginning construction, as described above, you may need to submit your permit application well in advance of an applicable deadline listed in Table 2.

Fees

The U.S. EPA does not require a fee for applying for any permit under the consolidated permit programs. (*However, some States which administer one or more of these programs require fees for the permits which they issue.*)

Availability of Information to Public

Information contained in these application forms will, upon request, be made available to the public for inspection and copying. However, you may request confidential treatment for certain information which you submit on certain supplementary forms. The specific instructions for each supplementary form state what information on the form, if any, may be claimed as confidential and what procedures govern the claim. No information on Forms 1 and 2A through 2D may be claimed as confidential.

Completion of Forms

Unless otherwise specified in instructions to the forms, each item in each form must be answered. To indicate that each item has been considered, enter "NA," for not applicable, if a particular item does not fit the circumstances or characteristics of your facility or activity.

If you have previously submitted information to EPA or to an approved State agency which answers a question, you may either repeat the information in the space provided or attach a copy of the previous submission. Some items in the form require narrative explanation. If more space is necessary to answer a question, attach a separate sheet entitled "Additional Information."

Financial Assistance for Pollution Control

There are a number of direct loans, loan guarantees, and grants available to firms and communities for pollution control expenditures. These are provided by the Small Business Administration, the Economic Development Administration, the Farmers Home Administration, and the Department of Housing and Urban Development, Each EPA Regional office (*Table 1*) has an economic assistance coordinator who can provide you with additional information.

EPA's construction grants program under Title II of the Clean Water Act is an additional source of assistance to publicly owned treatment works. Contact your EPA Regional office for details.

SECTION B – FORM 1 LINE BY LINE INSTRUCTIONS

This form must be completed by all applicants.

Completing This Form

Please type or print in the unshaded areas only. Some items have small graduation marks in the fill-in spaces. These marks indicate the number of characters that may be entered into our data system. The marks are spaced at 1/6" intervals which accommodate elite type (*12 characters per inch*). If you use another type you may ignore the marks. If you print, place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response.

Item I

Space is provided at the upper right hand corner of Form 1 for insertion of your EPA Identification Number. If you have an existing facility, enter your Identification Number. If you don't know your EPA Identification Number, please contact your EPA Regional office (*Table 1),* which will provide you with your number. If your facility is new *(not yet constructed*), leave this item blank.

Item II

Answer each question to determine which supplementary forms you need to fill out. Be sure to check the glossary in Section D of these instructions for the legal definitions of the **bold faced words**. Check Section C of these instructions to determine whether your activity is excluded from permit requirements.

If you answer "no" to every question, then you do not need a permit, and you do not need to complete and return any of these forms.

If you answer "yes" to any question, then you must complete and file the supplementary form by the deadline listed in Table 2 along with this form. (*The applicable form number follows each question and is enclosed in parentheses.*) You need not submit a supplementary form if you already have a permit under the appropriate Federal program, unless your permit is due to expire and you wish to renew your permit.

Questions (I) and (J) of Item II refer to major new or modified sources subject to Prevention of Significant Deterioration (*PSD*) requirements under the Clean Air Act. For the purpose of the PSD program, major sources are defined as: (A) Sources listed in Table 3 which have the potential to emit 100 tons or more per year emissions; and (B) All other sources with the potential to emit 250 tons or more per year. See Section C of these instructions for discussion of exclusions of certain modified sources.

Table 3. 28 Industrial Categories Listed In Section 169(1) of the Clean Air Act of 1977

Fossil fuel-fired steam generators of more than 250 million BTU per hour heat input;
Coal cleaning plants (*with thermal dryers*);
Kraft pulp mills;
Portland cement plants;
Primary zinc smelters;
Iron and steel mill plants;
Primary aluminum ore reduction plants;
Primary copper smelters;
Municipal incinerators capable of charging more than 250 tons of refuse per day;
Hydrofluoric acid plants;
Nitric acid plants;
Sulfuric acid plants;
Petroleum refineries;
Lime plants;
Phosphate rock processing plants;
Coke oven batteries;
Sulfur recovery plants;
Carbon black plants (*furnace process*);
Primary lead smelters;
Fuel conversion plants;
Sintering plants;
Secondary metal production plants;
Chemical process plants;
Fossil fuel boilers (*or combination thereof*) totaling more than 250 million BTU per hour heat input;

Table 3 (continued)

Petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels;
Taconite ore processing plants;
Glass fiber processing plants; and
Charcoal production plants.

Item III

Enter the facility's official or legal name. Do not use a colloquial name.

Item IV

Give the name, title, and work telephone number of a person who is thoroughly familiar with the operation of the facility and with the facts reported in this application and who can be contacted by reviewing offices if necessary.

Item V

Give the complete mailing address of the office where correspondence should be sent. This often is not the address used to designate the location of the facility or activity.

Item VI

Give the address or location of the facility identified in Item III of this form. If the facility lacks a street name or route number, give the most accurate alternative geographic information (*e.g., section number or quarter section number from county records or at intersection of Rts. 425 and 22*).

Item VII

List, in descending order of significance, the four 4-digit standard industrial classification (*SIC*) codes which best describe your facility in terms of the principal products or services you produce or provide. Also, specify each classification in words. These classifications may differ from the SIC codes describing the operation generating the discharge, air emissions, or hazardous wastes.

SIC code numbers are descriptions which may be found in the "Standard Industrial Classification Manual" prepared by the Executive Office of the President, Office of Management and Budget, which is available from the Government Printing Office, Washington, D.C. Use the current edition of the manual. If you have any questions concerning the appropriate SIC code for your facility, contact your EPA Regional office (*see Table 1*).

Item VIII-A

Give the name, as it is legally referred to, of the person, firm, public organization, or any other entity which operates the facility described in this application. This may or may not be the same name as the facility. The operator of the facility is the legal entity which controls the facility's operation rather than the plant or site manager. Do not use a colloquial name.

Item VIII-B

Indicate whether the entity which operates the facility also owns it by marking the appropriate box.

Item VIII-C

Enter the appropriate letter to indicate the legal status of the operator of the facility. Indicate "public" for a facility solely owned by local government(s) such as a city, town, county, parish, etc.

Items VIII-D-H

Enter the telephone number and address of the operator identified in Item VIII-A.

Item IX

Indicate whether the facility is located on Indian Lands.

Item X

Give the number of each presently effective permit issued to the facility for each program or, if you have previously filed an application but have not yet received a permit, give the number of the application, if any. Fill in the unshaded area only. If you have more than one currently effective permit for your facility under a particular permit program, you may list additional permit numbers on a separate sheet of paper. List any relevant environmental Federal (*e.g., permits*

under the Ocean Dumping Act, Section 404 of the Clean Water Act or the Surface Mining Control and Reclamation Act), State (e.g., State permits for new air emission sources in nonattainment areas under Part D of the Clean Air Act or State permits under Section 404 of the Clean Water Act), or local permits or applications under "other."

Item XI

Provide a topographic map or maps of the area extending at least to one mile beyond the property boundaries of the facility which clearly show the following:

The legal boundaries of the facility;

The location and serial number of each of your existing and proposed intake and discharge structures;

All hazardous waste management facilities;

Each well where you inject fluids underground; and

All springs and surface water bodies in the area, plus all drinking water wells within 1/4 mile of the facility which are identified in the public record or otherwise known to you.

If an intake or discharge structure, hazardous waste disposal site, or injection well associated with the facility is located more than one mile from the plant, include it on the map, if possible. If not, attach additional sheets describing the location of the structure, disposal site, or well, and identify the U.S. Geological Survey (*or other*) map corresponding to the location.

On each map, include the map scale, a meridian arrow showing north, and latitude and longitude at the nearest whole second. On all maps of rivers, show the direction of the current, and in tidal waters, show the directions of the ebb and flow tides. Use a 7-1/2 minute series map published by the U.S. Geological Survey, which may be obtained through the U.S. Geological Survey Offices listed below, If a 7-1/2 minute series map has not been published for your facility site, then you may use a 15 minute series map from the U.S. Geological Survey. If neither a 7-1/2 nor 15 minute series map has been published for your facility site, use a plat map or other appropriate map, including all the requested information; in this case, briefly describe land uses in the map area (*e.g., residential, commercial*).

You may trace your map from a geological survey chart, or other map meeting the above specifications. If you do, your map should bear a note showing the number or title of the map or chart it was traced from. Include the names of nearby towns, water bodies, and other prominent points. An example of an acceptable location map is shown in Figure 1-1 of these instructions. (*NOTE: Figure 1-1 is provided for purposes of illustration only, and does not represent any actual facility.)*

U.S.G.S. OFFICES	AREA SERVED
Eastern Mapping Center National Cartographic Information Center U.S.G.S. 536 National Center Reston, VA 22092 Phone No. (703) 860-6336	Ala., Conn., Del., D.C., Fla., Ga., Ind., Ky., Maine, Md., Mass., N.H., N.J., N.Y., N.C., S.C., Ohio, Pa., Puerto Rico, R.I., Tenn., Vt., Va., W. Va., and Virgin Islands
Mid Continent Mapping Center National Cartographic Information Center U.S.G.S. 1400 Independence Road Rolla, MO 65401 Phone No. (314) 341-0851	Ark., Ill., Iowa, Kans., La., Mich., Minn., Miss., Mo., N. Dak., Nebr., Okla., S. Dak., and Wis.
Rocky Mountain Mapping Center National Cartographic Information Center U.S.G.S. Stop 504, Box 25046 Federal Center Denver, CO 80225 Phone No. (303) 234-2326	Alaska, Colo., Mont., N. Mex., Tex., Utah, and Wyo.
Western Mapping Center National Cartographic Information Center U.S.G.S. 345 Middlefield Road Menlo Park, CA 94025 Phone No. (415) 323-8111	Ariz., Calif., Hawaii, Idaho, Nev., Oreg., Wash., American Samoa, Guam, and Trust Territories

Item XII

Briefly describe the nature of your business (*e.g., products produced or services provided*).

Item XIII

Federal statues provide for severe penalties for submitting false information on this application form.

18 U.S.C. Section 1001 provides that "Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, scheme, or device a material fact, or makes or uses any false writing or document knowing some to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than $10,000 or imprisoned not more than five years, or both."

Section 309(c)(2) of the Clean Water Act and Section 113(c)(2) of the Clean Air Act each provide that "Any person who knowingly makes any false statement, representation, or certification in any application, . . . shall upon conviction, be punished by a fine of no more than $10,000 or by imprisonment for not more than six months, or both."

In addition, Section 3008(d)(3) of the Resource Conservation and Recovery Act provides for a fine up to $25,000 per day or imprisonment up to one year, or both, for a first conviction for making a false statement in any application under the Act, and for double these penalties upon subsequent convictions.

FEDERAL REGULATIONS REQUIRE THIS APPLICATION TO BE SIGNED AS FOLLOWS:

A. For a corporation, by a principal executive officer of at least the level of vice president. However, if the only activity in Item II which is marked "yes" is Question G, the officer may authorize a person having responsibility for the overall operations of the well or well field to sign the certification. In that case, the authorization must be written and submitted to the permitting authority.

B. For partnership or sole proprietorship, by a general partner or the proprietor, respectively; or

C. For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.

SECTION C – ACTIVITIES WHICH DO NOT REQUIRE PERMITS

1. National Pollutant Discharge Elimination System Permits Under the Clean Water Act. You are not required to obtain an NPDES permit if your discharge is in one of the following categories, as provided by the Clean Water Act (*CWA*) and by the NPDES regulations (*40 CFR Parts 122-125*). However, under Section 510 of CWA a discharge exempted from the federal NPDES requirements may still be regulated by a State authority; contact your State environmental agency to determine whether you need a State permit.

A. DISCHARGES FROM VESSELS. Discharges of sewage from vessels, effluent from properly functioning marine engines, laundry, shower, and galley sink wastes, and any other discharge incidental to the normal operation of a vessel do not require NPDES permits. However, discharges of rubbish, trash, garbage, or other such materials discharged overboard require permits, and so do other discharges when the vessel is operating in a capacity other than as a means of transportation, such as when the vessel is being used as an energy or mining facility, a storage facility, or a seafood processing facility, or is secured to the bed of the ocean, contiguous zone, or waters of the United States for the purpose of mineral or oil exploration or development.

B. DREDGED OR FILL MATERIAL. Discharges of dredged or fill material into waters of the United States do not need NPDES permits if the dredging or filling is authorized by a permit issued by the U.S. Army Corps of Engineers or an EPA approved State under Section 404 of CWA.

C. DISCHARGES INTO PUBLICLY OWNED TREATMENT WORKS (*POTW*), The introduction of sewage, industrial wastes, or other pollutants into a POTW does not need an NPDES permit. You must comply with all applicable pretreatment standards promulgated under Section 307(b) of CWA, which may be included in the permit issued to the POTW. If you have a plan or an agreement to switch to a POTW in the future, this does not relieve you of the obligation to apply for and receive an NPDES permit until you have stopped discharging pollutants into waters of the United States.

(NOTE: Dischargers into privately owned treatment works do not have to apply for or obtain NPDES permits except as otherwise required by the EPA Regional Administrator. The owner or operator of the treatment works itself, however, must apply for a permit and identify all users in its application. Users so identified will receive public notice of actions taken on the permit for the treatment works.)

D. DISCHARGES FROM AGRICULTURAL AND SILVICULTURAL ACTIVITIES. Most discharges from agricultural and silvicultural activities to waters of the United States do not require NPDES permits. These include runoff from orchards, cultivated crops, pastures, range lands, and forest lands. However, the discharges listed below do require NPDES permits. Definitions of the terms listed below are contained in the Glossary section of these instructions.

1. Discharges from Concentrated Animal Feeding Operations. (*See Glossary for definitions of "animal feeding operations" and "concentrated animal feeding operations." Only the latter require permits.*)

2. Discharges from Concentrated Aquatic Animal Production Facilities. (*See Glossary for size cutoffs.*)

3. Discharges associated with approved Aquaculture Projects.

4. Discharges from Silvicultural Point Sources. (*See Glossary for the definition of "silvicultural point source."*) Nonpoint source silvicultural activities are excluded from NPDES permit requirements. However, some of these activities, such as stream crossings for roads, may involve point source discharges of dredged or fill material which may require a Section 404 permit. See 33 CFR 209.120.

E. DISCHARGES IN COMPLIANCE WITH AN ON-SCENE COORDINATOR'S INSTRUCTIONS.

II. Hazardous Waste Permits Under the Resource Conservation and Recovery Act. You may be excluded from the requirement to obtain a permit under this program if you fall into one of the following categories:

Generators who accumulate their own hazardous waste on-site for less than 90 days as provided in 40 CFR 262.34;

Farmers who dispose of hazardous waste pesticide from their own use as provided in 40 CFR 262.51;

Certain persons treating, storing, or disposing of small quantities of hazardous waste as provided in 40 CFR 261.4 or 261.5; and

Owners and operators of totally enclosed treatment facilities as defined in 40 CFR 260.10.

Check with your Regional office for details. Please note that even if you are excluded from permit requirements, you may be required by Federal regulations to handle your waste in a particular manner.

III. Underground Injection Control Permits Under the Safe Drinking Water Act. You are not required to obtain a permit under this program if you:

Inject into existing wells used to enhance recovery of oil and gas or to store hydrocarbons (*note, however, that these underground injections are regulated by Federal rules*); or

Inject into or above a stratum which contains, within 1/4 mile of the well bore, an underground source of drinking water (*unless your injection is the type identified in Item II-H, for which you do need a permit*). However, you must notify EPA of your injection and submit certain required information on forms supplied by the Agency, and your operation may be phased out if you are a generator of hazardous wastes or a hazardous waste management facility which uses wells or septic tanks to dispose of hazardous waste.

IV. Prevention of Significant Deterioration Permits Under the Clean Air Act. The PSD program applies to newly constructed or modified facilities (*both of which are referred to as "new sources"*) which increase air emissions. The Clean Air Act Amendments of 1977 exclude small new sources of air emissions from the PSD review program. Any new source in an industrial category listed in Table 3 of these instructions whose potential to emit is less than 100 tons per year is not required to get a PSD permit. In addition, any new source in an industrial category not listed in Table 3 whose potential to emit is less than 250 tons per year is exempted from the PSD requirements.

Modified sources which increase their net emissions (*the difference between the total emission increases and total emission decreases at the source*) less than the significant amount set forth in EPA regulations are also exempt from PSD requirements. Contact your EPA Regional office (*Table 1*) for further information.

SECTION D – GLOSSARY

NOTE: This Glossary includes terms used in the instructions and in Forms 1, 2B, 2C, and 3. Additional terms will be included in the future when other forms are developed to reflect the requirements of other parts of the Consolidated Permits Program. If you have any questions concerning the meaning of any of these terms, please contact your EPA Regional office (*Table 1*)

ALIQUOT means a sample of specified volume used to make up a total composite sample.

ANIMAL FEEDING OPERATION means a lot or facility (*other than an aquatic animal production facility*) where the following conditions are met;

A. Animals (*other than aquatic animals*) have been, are, or will be stabled or confined and fed or maintained for a total of 45 days or more in any 12 month period; and

B. Crops, vegetation, forage growth, or post-harvest residues are not sustained in the normal growing season over any portion of the lot or facility.

Two or more animal feeding operations under common ownership are a single animal feeding operation if they adjoin each other or if they use a common area or system for the disposal of wastes.

ANIMAL UNIT means a unit of measurement for any animal feeding operation calculated by adding the following numbers: The number of slaughter and feeder cattle multiplied by 1.0; Plus the number of mature dairy cattle multiplied by 1.4; Plus the number of swine weighing over 25 kilograms (*approximately 55 pounds*) multiplied by 0.4; Plus the number of sheep multiplied by 0.1; Plus the number of horses multiplied by 2.0.

APPLICATION means the EPA standard national forms for applying for a permit, including any additions, revisions, or modifications to the forms; or forms approved by EPA for use in approved States, including any approved modifications or revisions. For RCRA, "application" also means "Application, Part B."

APPLICATION, PART A means that part of the Consolidated Permit Application forms which a RCRA permit applicant must complete to qualify for interim status under Section 3005(e) of RCRA and for consideration for a permit. Part A consists of Form 1 (*General Information*) and Form 3 (*Hazardous Waste Application Form*).

APPLICATION, PART B means that part of the application which a RCRA permit applicant must complete to be issued a permit. (*NOTE: EPA is not developing a specific form for Part B of the permit application, but an instruction booklet explaining what Information must be supplied is available from the EPA Regional office.*)

APPROVED PROGRAM or APPROVED STATE means a State program which has been approved or authorized by EPA under 40 CFR Part 123.

AQUACULTURE PROJECT means a defined managed water area which uses discharges of pollutants into that designated area for the maintenance or production of harvestable freshwater, estuarine, or marine plants or animals. "Designated area" means the portions of the waters of the United States within which the applicant plans to confine the cultivated species, using a method of plan or operation (*including, but not limited to, physical confinement*) which, on the basis of reliable scientific evidence, is expected to ensure the specific individual organisms comprising an aquaculture crop will enjoy increased growth attributable to the discharge of pollutants and be harvested within a defined geographic area.

AQUIFER means a geological formation, group of formations, or part of a formation that is capable of yielding a significant amount of water to a well or spring.

AREA OF REVIEW means the area surrounding an injection which is described according to the criteria set forth in 40 CFR Section 146.06.

AREA PERMIT means a UIC permit applicable to all or certain wells within a geographic area, rather than to a specified well, under 40 CFR Section 122.37.

ATTAINMENT AREA means, for any air pollutant, an area which has been designated under Section 107 of the Clean Air Act as having ambient air quality levels better than any national primary or secondary ambient air quality standard for that pollutant. Standards have been set for sulfur oxides, particulate matter, nitrogen dioxide, carbon monoxide, ozone, lead, and hydrocarbons. For purposes of the Glossary, "attainment area" also refers to "unclassifiable area," which means, for any pollutants, an area designated under Section 107 as unclassifiable with respect to that pollutant due to insufficient Information.

BEST MANAGEMENT PRACTICES (*BMP*) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States. BMP's include treatment requirements, operation procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

BIOLOGICAL MONITORING TEST means any test which includes the use of aquatic algal, invertebrate, or vertebrate species to measure acute or chronic toxicity, and any biological or chemical measure of bioaccumulation.

BYPASS means the intentional diversion of wastes from any portion of a treatment facility.

CONCENTRATED ANIMAL FEEDING OPERATION means an animal feeding operation which meets the criteria set forth in either (A) or (B) below or which the Director designates as such on a case-by-case basis:

A. More than the numbers of animals specified in any of the following categories are confined:

1. 1,000 slaughter or feeder cattle,

2. 700 mature dairy cattle (*whether milked or dry cows*),

3. 2,500 swine each weighing over 25 kilograms (*approximately 55 pounds*),

4. 500 horses,

5. 10,000 sheep or lambs,

6. 55,000 turkeys,

7. 100,000 laying hens or broilers (*if the facility has a continuous overflow watering*),

8. 30,000 laying hens or broilers (*if the facility has a liquid manure handling system*),

9. 5,000 ducks, or

10. 1,000 animal units; or

B. More than the following numbers and types of animals are confined:

1. 300 slaughter or feeder cattle,

2. 200 mature dairy cattle (*whether milked or dry cows*),

3. 750 swine each weighing over 25 kilograms (*approximately 55 pounds*),

4. 150 horses,

5. 3,000 sheep or lambs,

6.16,500 turkeys,

7. 30,000 laying hens or broilers (*if the facility has continuous overflow watering*),

8. 9,000 laying hens or broilers (*if the facility has a liquid manure handling system*),

9. 1,500 ducks, or

10. 300 animal units; AND

Either one of the following conditions are met: Pollutants are discharged into waters of the United States through a manmade ditch, flushing system or other similar manmade device (*"man-made" means constructed by man and used for the purpose of transporting wastes*); or Pollutants are discharged directly into waters of the Unites States which originate outside of and pass over, across, or through the facility or otherwise come into direct contact with the animals confined in the operation.

Provided, however, that no animal feeding operation is a concentrated animal feeding operation as defined above if such animal feeding operation discharges only in the event of a 25 year, 24 hour storm event.

CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY means a hatchery, fish farm, or other facility which contains, grows or holds aquatic animals in either of the following categories, or which the Director designates as such on a case-by-case basis:

A. Cold water fish species or other cold water aquatic animals including, but not limited to, the Salmonidae family of fish (*e.g., trout and salmon*) in ponds, raceways or other similar structures which discharge at least 30 days per year but does not include:

1. Facilities which produce less than 9,090 harvest weight kilograms (*approximately 20,000 pounds*) of aquatic animals per year; and

2. Facilities which feed less than 2,272 kilograms (*approximately 5,000 pounds*) of food during the calendar month of maximum feeding.

B. Warm water fish species or other warm water aquatic animals including, but not limited to, the Ameiuridae, Cetrarchiclae, and Cyprinidae families of fish (*e.g., respectively, catfish, sunfish, and minnows*) in ponds, raceways, or other similar structures which discharge at least 30 days per year, but does not include;

1. Closed ponds which discharge only during periods of excess runoff; or

2. Facilities which produce less than 45,454 harvest weight kilograms (*approximately 100,000 pounds*) of aquatic animals per year.

CONTACT COOLING WATER means water used to reduce temperature which comes into contact with a raw material, intermediate product, waste product other than heat, or finished product.

CONTAINER means any portable device in which a material is stored, transported, treated, disposed of, or otherwise handled.

CONTIGUOUS ZONE means the entire zone established by the United States under article 24 of the convention of the Territorial Sea and the Contiguous Zone.

CWA means the Clean Water Act (*formerly referred to the Federal Water Pollution Control Act*) Pub. L. 92-500, as amended by Pub. L. 95-217 and Pub. L. 95-576, 33 U.S.C. 1251 *et seq.*

DIKE means any embankment or ridge of either natural or manmade materials used to prevent the movement of liquids, sludges, solids, or other materials.

DIRECT DISCHARGE means the discharge of a pollutant as defined below.

DIRECTOR means the EPA Regional Administrator or the State Director as the context requires.

DISCHARGE (*OF A POLLUTANT*) means:

A. Any addition of any pollutant or combination of pollutants to waters of the United States from any point source; or

B. Any addition of any pollutant or combination of pollutants to the waters of the contiguous zone or the ocean from any point source other than a vessel or other floating craft which is being used as a means of transportation.

This definition includes discharges into waters of the United States from: Surface runoff which is collected or channelled by man; Discharges through pipes, sewers, or other conveyances owned by a State, municipality, or other person which do not lead to POTW's; and Discharges through pipes, sewers, or other conveyances, leading into privately owned treatment works. This term does not include an addition of pollutants by any indirect discharger.

DISPOSAL (*in the RCRA program*) means the discharge, deposit, injection, dumping, spilling, leaking, or placing of any hazardous waste into or on any land or water so that the hazardous waste or any constituent of it may enter the environment or be emitted into the air or discharged into any waters, including ground water.

DISPOSAL FACILITY means a facility or part of a facility at which hazardous waste is intentionally placed into or on land or water, and at which hazardous waste will remain after closure.

EFFLUENT LIMITATION means any restriction imposed by the Director on quantities, discharge rates, and concentrations of pollutants which are discharged from point sources into waters of the United States, the waters of the continguous zone, or the ocean.

EFFLUENT LIMITATION GUIDELINE means a regulation published by the Administrator under Section 304(b) of the Clean Water Act to adopt or revise effluent limitations.

ENVIRONMENTAL PROTECTION AGENCY (*EPA*) means the United States Environmental Protection Agency.

EPA IDENTIFICATION NUMBER means the number assigned by EPA to each generator, transporter, and facility.

EXEMPTED AQUIFER means an aquifer or its portion that meets the criteria in the definition of USDW, but which has been exempted according to the procedures in 40 CFR Section 122.35(b).

EXISTING HWM FACILITY means a Hazardous Waste Management facility which was in operation, or for which construction had commenced, on or before October 21, 1976. Construction had commenced if (A) the owner or operator had obtained all necessary Federal, State, and local preconstruction approvals or permits, and either (B1) a continuous on-site, physical construction program had begun, or (B2) the owner or operator had entered into contractual obligations, which could not be cancelled or modified without substantial loss, for construction of the facility to be completed within a reasonable time.

(*NOTE: This definition reflects the literal language of the statute. However, EPA believes that amendments to RCRA now in conference will shortly be enacted and will change the date for determining when a facility is an "existing facility" to one no earlier than May of 1980; indications are the conferees are considering October 30, 1980. Accordingly, EPA encourages every owner or operator of a facility which was built or under construction as of the promulgation date of the RCRA program regulations to file Part A of its permit application so that it can be quickly processed for interim status when the change in the law takes effect. When those amendments are enacted, EPA will amend this definition.)*

EXISTING SOURCE or EXISTING DISCHARGER (*in the NPDES program*) means any source which is not a new source or a new discharger.

EXISTING INJECTION WELL means an injection well other than a new injection well.

FACILITY means any HWM facility, UIC underground injection well, NPDES point source, PSD stationary source, or any other facility or activity (*including land or appurtenances thereto*) that is subject to regulation under the RCRA, UIC, NPDES, or PSD programs.

FLUID means material or substance which flows or moves whether in a semisolid, liquid, sludge, gas, or any other form or state.

GENERATOR means any person by site, whose act or process produces hazardous waste identified or listed in 40 CFR Part 261.

GROUNDWATER means water below the land surface in a zone of saturation.

HAZARDOUS SUBSTANCE means any of the substances designated under 40 CFR Part 116 pursuant to Section 311 of CWA. (*NOTE: These substances are listed in Table 2c-4 of the instructions to Form 2C.*)

HAZARDOUS WASTE means a hazardous waste as defined in 40 CFR Section 261.3 published May 19, 1980.

HAZARDOUS WASTE MANAGEMENT FACILITY (*HWM facility)* means all contiguous land, structures, appurtenances, and improvements on the land, used for treating, storing, or disposing of hazardous wastes. A facility may consist of several treatment, storage, or disposal operational units (*for example, one or more landfills, surface impoundments, or combinations of them*).

IN OPERATION means a facility which is treating, storing, or disposing of hazardous waste.

INCINERATOR (*in the RCRA program*) means an enclosed device using controlled flame combustion, the primary purpose of which is to thermally break down hazardous waste. Examples of incinerators are rotary kiln, fluidized bed, and liquid injection incinerators.

INDIRECT DISCHARGER means a nondomestic discharger introducing pollutants to a publicly owned treatment works.

INJECTION WELL means a well into which fluids are being injected.

INTERIM AUTHORIZATION means approval by EPA of a State hazardous waste program which has met the requirements of Section 3006(c) of RCRA and applicable requirements of 40 CFR Part 123, Subparts A, B, and F.

LANDFILL means a disposal facility or part of a facility where hazardous waste is placed in or on land and which is not a land treatment facility, a surface impoundment, or an injection well.

LAND TREATMENT FACILITY (*in the RCRA program*) means a facility or part of a facility at which hazardous waste is applied onto or incorporated into the soil surface; such facilities are disposal facilities if the waste will remain after closure.

LISTED STATE means a State listed by the Administrator under Section 1422 of SDWA as needing a State UIC program.

MGD means millions of gallons per day.

MUNICIPALITY means a city, village, town, borough, county, parish, district, association, or other public body created by or under State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of CWA.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (*NPDES*) means the national program for issuing modifying, revoking and reissuing, terminating, monitoring, and enforcing permits and imposing and enforcing pretreatment requirements, under Sections 307, 318, 402, and 405 of CWA. The term includes an approved program.

NEW DISCHARGER means any building, structure, facility, or installation: (A) From which there is or may be a new or additional discharge of pollutants at a site at which on October 18, 1972, it had never discharged pollutants; (B) Which has never received a finally effective NPDES permit for discharges at that site; and (C) Which is not a "new source." This definition includes an indirect discharger which commences discharging into waters of the United States. It also includes any existing mobile point source, such as an offshore oil drilling rig, seafood processing vessel, or aggregate plant that begins discharging at a location for which it does not have an existing permit.

NEW HWM FACILITY means a Hazardous Waste Management facility which began operation or for which construction commenced after October 21, 1976.

NEW INJECTION WELL means a well which begins injection after a UIC program for the State in which the well is located is approved.

NEW SOURCE (*in the NPDES program)* means any building, structure, facility, or installation from which there is or may be a discharge of pollutants, the construction of which commenced:

A. After promulgation of standards of performance under Section 306 of CWA which are applicable to such source; or

B. After proposal of standards of performance in accordance with Section 306 of CWA which are applicable to such source, but only if the standards are promulgated in accordance with Section 306 within 120 days of their proposal.

NON-CONTACT COOLING WATER means water used to reduce temperature which does not come into direct contact with any raw material, intermediate product, waste product (*other than heat*), or finished product.

OFF-SITE means any site which is not "on-site".

ON-SITE means on the same or geographically contiguous property which may be divided by public or private right(s)-of-way, provided the entrance and exit between the properties is at a cross-roads intersection, and access is by crossing as opposed to going along, the right(s)-of-way. Non-contiguous properties owned by the same person, but connected by a right-of-way which the person controls and to which the public does not have access, is also considered on-site property.

OPEN BURNING means the combustion of any material without the following characteristics;

A. Control of combustion air to maintain adequate temperature for efficient combustion;

B. Containment of the combustion-reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion; and

C. Control of emission of the gaseous combustion products.

(See also "incinerator" and "thermal treatment").

OPERATOR means the person responsible for the overall operation of a facility.

OUTFALL means a point source.

OWNER means the person who owns a facility or part of a facility.

PERMIT means an authorization, license, or equivalent control document issued by EPA or an approved State to implement the requirements of 40 CFR Parts 122, 123, and 124.

PHYSICAL CONSTRUCTION (*in the RCRA program*) means excavation, movement of earth, erection of forms or structures, or similar activity to prepare a HWM facility to accept hazardous waste.

PILE means any noncontainerized accumulation of solid, nonflowing hazardous waste that is used for treatment or storage.

POINT SOURCE means any discernible, confined, and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture.

POLLUTANT means dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical waste, biological materials, radioactive materials (*except those regulated under the Atomic Energy Act of 1954, as amended [42 U.S.C. Section 2011 et seq.]*), heat, wrecked or discarded equipment, rocks, sand, cellar dirt and Industrial, municipal, and agriculture waste discharged into water. It does not mean:

A. Sewage from vessels; or

B. Water, gas, or other material which is injected into a well to facilitate production of oil or gas, or water derived in association with oil and gas production and disposed of in a well, if the well used either to facilitate production or for disposal purposes is approved by authority of the State in which the well is located, and if the State determines that the injection or disposal will not result in the degradation of ground or surface water resources.

(NOTE: Radioactive materials covered by the Atomic Energy Act are those encompassed in its definition of source, byproduct, or special nuclear materials. Examples of materials not covered include radium and accelerator produced isotopes. See Train v. Colorado Public Interest Research Group, Inc., 426 U.S. 1 [1976].)

PREVENTION OF SIGNIFICANT DETERIORATION (*PSD*) means the national permitting program under 40 CFR 52.21 to prevent emissions of certain pollutants regulated under the Clean Air Act from significantly deteriorating air quality in attainment areas.

PRIMARY INDUSTRY CATEGORY means any industry category listed in the NRDC Settlement Agreement (*Natural Resources Defense Council v. Train, 8 ERC 2120 [D.D.C. 1976], modified 12 ERC 1833 [D.D.C. 1979]).*

PRIVATELY OWNED TREATMENT WORKS means any device or system which is: (A) Used to treat wastes from any facility whose operator is not the operator of the treatment works; and (B) Not a POTW.

PROCESS WASTEWATER means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.

PUBLICLY OWNED TREATMENT WORKS or POTW means any device or system used in the treatment (*including recycling and reclamation*) of municipal sewage or industrial wastes of a liquid nature which is owned by a State or municipality. This definition includes any sewers, pipes, or other conveyances only if they convey wastewater to a POTW providing treatment.

RENT means use of another's property in return for regular payment.

RCRA means the Solid Waste Disposal Act as amended by the Resource Conservation and Recovery Act of 1976 (*Pub. L. 94-580, as amended by Pub. L. 95-609, 42 U.S.C. Section 6901 at seq.*).

ROCK CRUSHING AND GRAVEL WASHING FACILITIES are facilities which process crushed and broken stone, gravel, and riprap (*see 40 CFR Part 436, Subpart B, and the effluent limitations guidelines for these facilities*).

SDWA means the Safe Drinking Water Act (*Pub. L 95-523, as amended by Pub. L. 95-1900, 42 U.S.C. Section 300[f] et seq.*).

SECONDARY INDUSTRY CATEGORY means any industry category which is not a primary industry category.

SEWAGE FROM VESSELS means human body wastes and the wastes from toilets and other receptacles intended to receive or retain body wastes that are discharged from vessels and regulated under Section 312 of CWA, except that with respect to commercial vessels on the Great Lakes this term includes graywater. For the purposes of this definition, "graywater" means galley, bath, and shower water,

SEWAGE SLUDGE means the solids, residues, and precipitate separated from or created in sewage by the unit processes of a POTW. "Sewage" as used in this definition means any wastes, including wastes from humans, households, commercial establishments, industries, and storm water runoff, that are discharged to or otherwise enter a publicly owned treatment works.

SILVICULTURAL POINT SOURCE means any discernable, confined, and discrete conveyance related to rock crushing, gravel washing, log sorting, or log storage facilities which are operated in connection with silvicultural activities and from which pollutants are discharged into waters of the United States. This term does not include nonpoint source silvicultural activities such as nursery operations, site preparation, reforestation and subsequent cultural treatment, thinning, prescribed burning, pest and fire control, harvesting operations, surface drainage, or road construction and maintenance from which there is natural runoff. However, some of these activities (*such as stream crossing for roads*) may involve point source discharges of dredged or fill material which may require a CWA Section 404 permit. "Log sorting and log storage facilities" are facilities whose discharges result from the holding of unprocessed wood, e.g., logs or roundwood with bark or after removal of bark in self-contained bodies of water (*mill ponds or log ponds*) or stored on land where water is applied intentionally on the logs (*wet decking*). (*See 40 CFR Part 429, Subpart J, and the effluent limitations guidelines for these facilities.*)

STATE means any of the 50 States, the District of Columbia, Guam, the Commonwealth of Puerto Rico, the Virgin Islands, American Samoa, the Trust Territory of the Pacific Islands (*except in the case of RCRA*), and the Commonwealth of the Northern Mariana Islands (*except in the case of CWA*).

STATIONARY SOURCE (*in the PSD program*) means any building, structure, facility, or installation which emits or may emit any air pollutant regulated under the Clean Air Act. "Building, structure, facility, or installation" means any grouping of pollutant-emitting activities which are located on one or more contiguous or adjacent properties and which are owned or operated by the same person (*or by persons under common control*).

STORAGE (*in the RCRA program*) means the holding of hazardous waste for a temporary period at the end of which the hazardous waste is treated, disposed, or stored elsewhere.

STORM WATER RUNOFF means water discharged as a result of rain, snow, or other precipitation.

SURFACE IMPOUNDMENT or IMPOUNDMENT means a facility or part of a facility which is a natural topographic depression, manmade excavation, or diked area formed primarily of earthen materials (*although it may be lined with manmade materials*), which is designed to hold an accumulation of liquid wastes or wastes containing free liquids, and which is not an injection well. Examples of surface impoundments are holding, storage, settling, and aeration pits, ponds, and lagoons.

TANK (*in the RCRA program*) means a stationary device, designed to contain an accumulation of hazardous waste which is constructed primarily of non-earthen materials (*e.g., wood, concrete, steel, plastic*) which provide structural support.

THERMAL TREATMENT (*in the RCRA program*) means the treatment of hazardous waste in a device which uses elevated temperature as the primary means to change the chemical, physical, or biological character or composition of the hazardous waste. Examples of thermal treatment processes are incineration, molten salt, pyrolysis, calcination, wet air oxidation, and microwave discharge. (*See also "incinerator" and "open burning"*).

TOTALLY ENCLOSED TREATMENT FACILITY (*in the RCRA program*) means a facility for the treatment of hazardous waste which is directly connected to an industrial production process and which is constructed and operated in a manner which prevents the release of any hazardous waste or any constituent thereof into the environment during treatment. An example is a pipe in which waste acid is neutralized.

TOXIC POLLUTANT means any pollutant listed as toxic under Section 307(a)(1) of CWA.

TRANSPORTER (*in the RCRA program*) means a person engaged in the off-site transportation of hazardous waste by air, rail, highway, or water.

TREATMENT (*in the RCRA program*) means any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste, or so as to recover energy or material resources from the waste, or so as to render such waste non-hazardous, or less hazardous; safer to transport, store, or dispose of; or amenable for recovery, amenable for storage, or reduced in volume.

UNDERGROUND INJECTION means well injection.

UNDERGROUND SOURCE OF DRINKING WATER or USDW means an aquifer or its portion which is not an exempted aquifer and:

A. Which supplies drinking water for human consumption; or

B. In which the ground water contains fewer than 10,000 mg/l total dissolved solids.

UPSET means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

WATERS OF THE UNITED STATES means:

A. All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide;

B. All interstate waters, including interstate wetlands;

C. All other waters such as intrastate lakes, rivers, streams (*including intermittent streams*), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, and natural ponds, the use, degradation, or destruction of which would or could affect interstate or foreign commerce including any such waters;

1. Which are or could be used by interstate or foreign travelers for recreational or other purposes,

2. From which fish or shellfish are or could be taken and sold in interstate or foreign commerce,

3. Which are used or could be used for industrial purposes by industries in interstate commerce;

D. All impoundments of waters otherwise defined as waters of the United States under this definition;

E. Tributaries of waters identified in paragraphs (A) – (D) above;

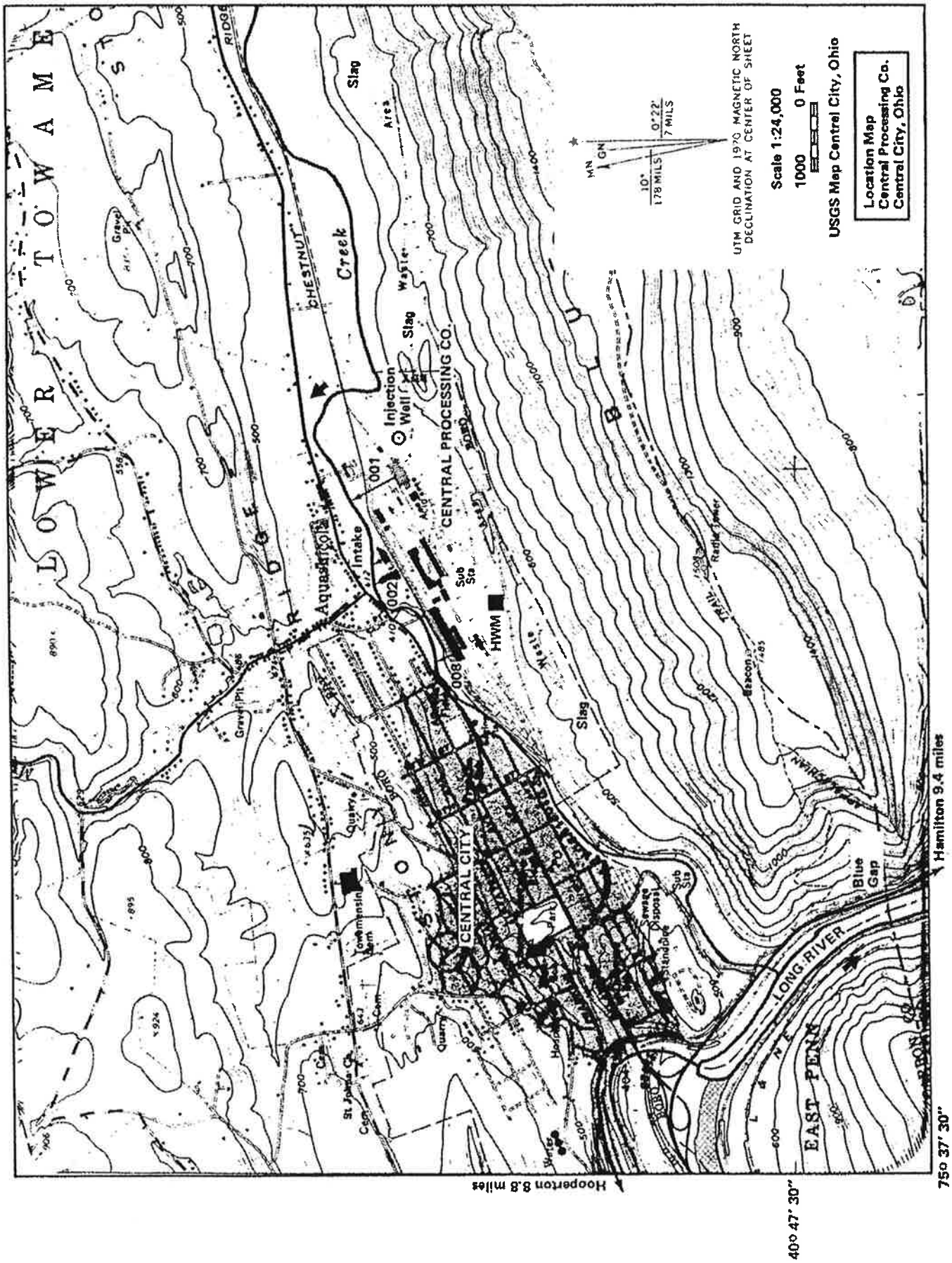
F. The territorial sea; and

G. Wetlands adjacent to waters (*other than waters that are themselves wetlands*) identified in paragraphs (A) – (F) of this definition.

Waste treatment systems, including treatment ponds or lagoons designed to meet requirement of CWA (*other than cooling ponds as defined In 40 CFR Section 423.11(m) which also meet the criteria of this definition*) are not waters of the United States. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the United States (*such as a disposal area in wetlands*) nor resulted from the impoundments of waters of the United States.

WELL INJECTION or UNDERGROUND INJECTION means the subsurface emplacement of fluids through a bored, drilled, or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension.

WETLANDS means those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.



LOWER TOWAME
CHESTNUT
Creek
Slag
Injection Well
CENTRAL PROCESSING CO.
Aquashicola
Intake
001
002
008
HWM
Sub Sta
CENTRAL CITY
Towamensing Cem
Quarry
Gravel Pit
Sewage Disposal
Standpipe
Blue Gap
LONG RIVER
EAST PENN
Hamilton 9.4 miles
Hooperton 8.8 miles
40° 47' 30"
75° 37' 30"
UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
Scale 1:24,000
1000 0 Feet
USGS Map Central City, Ohio
Location Map
Central Processing Co.
Central City, Ohio

FIGURE 1-1

Please print or type in the unshaded areas only.

Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL

U.S. ENVIRONMENTAL PROTECTION AGENCY
GENERAL INFORMATION
Consolidated Permits Program
(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER: F DED051409290 D

LABEL ITEMS	
I.	EPA I.D. NUMBER
III.	FACILITY NAME
V.	FACILITY MAILING ADDRESS
VI.	FACILITY LOCATION

PLEASE PLACE LABEL IN THIS SPACE

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms**.

SPECIFIC QUESTIONS	Mark "X" YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge** to **waters of the U.S.**? (FORM 2A)		X	
B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge** to **waters of the U.S.**? (FORM 2B)		X	
C. Is this a facility which currently results in **discharges** to **waters of the U.S.** other than those described in A or B above? (FORM 2C)	X		X
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge** to **waters of the U.S.**? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)		X	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP: ALLEN FAMILY FOODS, INC.

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
2 Brinson, M. Thomas, Corporate Environmental Manager	(302) 629-9163

V. FACILTY MAILING ADDRESS

A. STREET OR P.O. BOX: 3 P.O. Box 63

B. CITY OR TOWN	C. STATE	D. ZIP CODE
4 Harbeson	DE	19951

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER: 5 18752 Harbeson Road (Route 5)

B. COUNTY NAME: Sussex

C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE *(if known)*
6 Harbeson	DE	19951	NA

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

VII. SIC CODES *(4-digit, in order of priority)*

A. FIRST	B. SECOND
7 2015 (specify) Poultry Processing	7 NA (specify) NA
C. THIRD	**D. FOURTH**
7 NA (specify) NA	7 NA (specify) NA

VIII. OPERATOR INFORMATION

A. NAME	B. Is the name listed in Item VIII-A also the owner?
8 Allen Family Foods, Inc.	☑ YES ☐ NO

C. STATUS OF OPERATOR *(Enter the appropriate letter into the answer box: if "Other," specify.)*

F = FEDERAL
S = STATE
P = PRIVATE
M = PUBLIC *(other than federal or state)*
O = OTHER *(specify)*

P (specify) NA

D. PHONE *(area code & no.)*

A (302) 629-9163

E. STREET OR P.O. BOX

126 N. Shipley Street

F. CITY OR TOWN	G. STATE	H. ZIP CODE	IX. INDIAN LAND
B Seaford	DE	19973	Is the facility located on Indian lands? ☐ YES ☑ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES *(Discharges to Surface Water)*	D. PSD *(Air Emissions from Proposed Sources)*
9 N DE 0000299	9 P NA
B. UIC *(Underground Injection of Fluids)*	**E. OTHER** *(specify)*
9 U NA	9 89-0002 (specify) State of Delaware Industrial Water Allocation Permit
C. RCRA *(Hazardous Wastes)*	**E. OTHER** *(specify)*
9 R NA	9 APC-81/0067-Operation (specify) State of Delaware Air Operation Permit. Currently, Amendment 4 of this permit is effective.

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS *(provide a brief description)*

Allen Family Foods, Inc. operates and maintains a poultry processing facility at which live poultry is received, slaughtered, defeathered, eviscerated, chilled, and packed for shipment at 18752 Harbeson Road, Harbeson, DE 19951 (Site). The industrial and sanitary wastewater streams from the poultry plant flow into the Site's Wastewater Treatment Plant (WTP).

Four (4) outfalls at the Site deliver treated processing water or storm water runoff, or both, to Beaverdam Creek. Treated poultry processing water, sanitary wastewater, and treated storm water are discharged from the site via Outfall 001; storm water runoff, after capture and treatment of at least the first flush, from the screening area, trucks parking, washing and cleaning area, loading and unloading area, and live holding area is discharged via Outfall 002; storm water runoff, after capture and treatment of at least the first flush, from the trucks parking area and live holding shed area is discharged via Outfall 003; and storm water runoff generated on acess driveways and the employee parking area is discharged via Outfall 004. No recordable discharges have occurred from Outfalls 002 and 003 during the past three years.

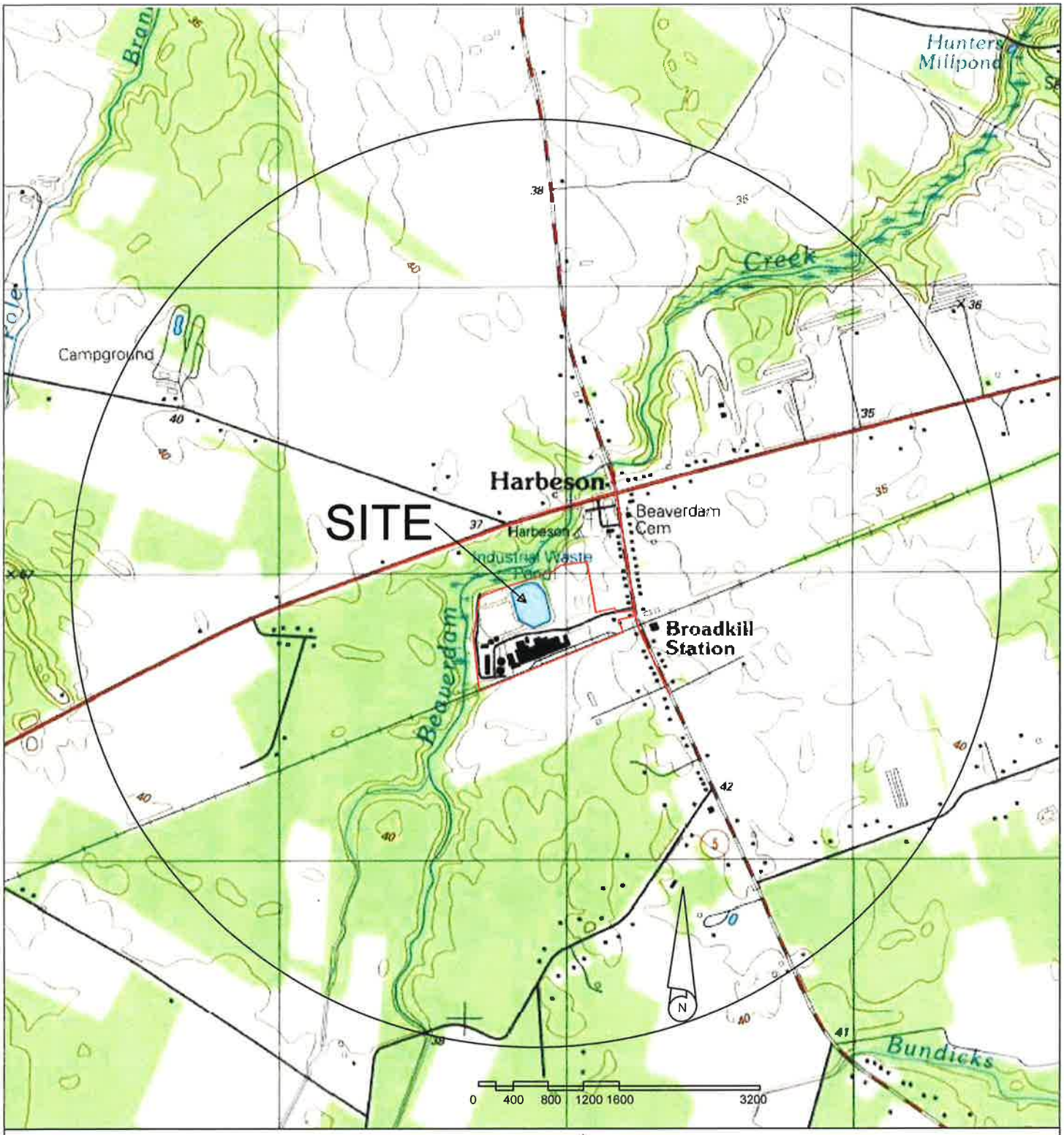
XIII. CERTIFICATION *(see instructions)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE *(type or print)*	B. SIGNATURE	C. DATE SIGNED
Tom Miller Vice President of Support Services		10/29/10

COMMENTS FOR OFFICIAL USE ONLY

C



Environmental, Inc.

1103 S. Talbot Street Suite D
St. Michaels, MD 21663

SITE LOCATION MAP
SCALE: 1" = 1600 ft

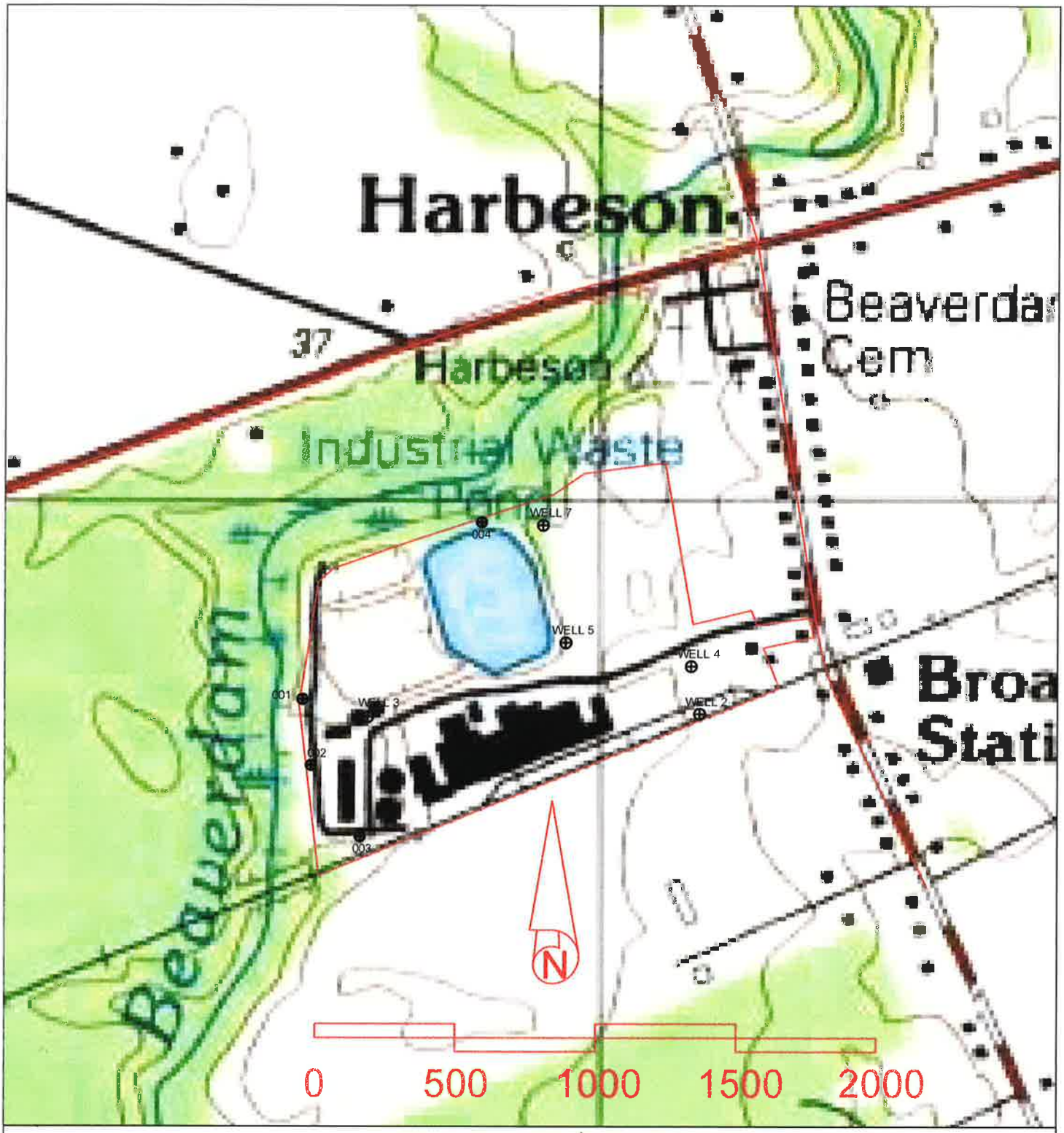
Prepared For:

Allen Family Foods, Inc.
126 N.Shipley Street
Seaford, DE 19973

Site:

Allen Family Foods, Inc.
18752 Harbeson Rd.
Harbeson, DE 19951

Date: 10/20/10
Revision Date:
Project: AL-130-18
Drafted by: MK



Environmental, Inc.

1103 S. Talbot Street Suite D
St. Michaels, MD 21663

SITE FEATURES
SCALE: 1" = 500 ft
⊕ SUPPLY WELLS
⊛ OUTFALLS

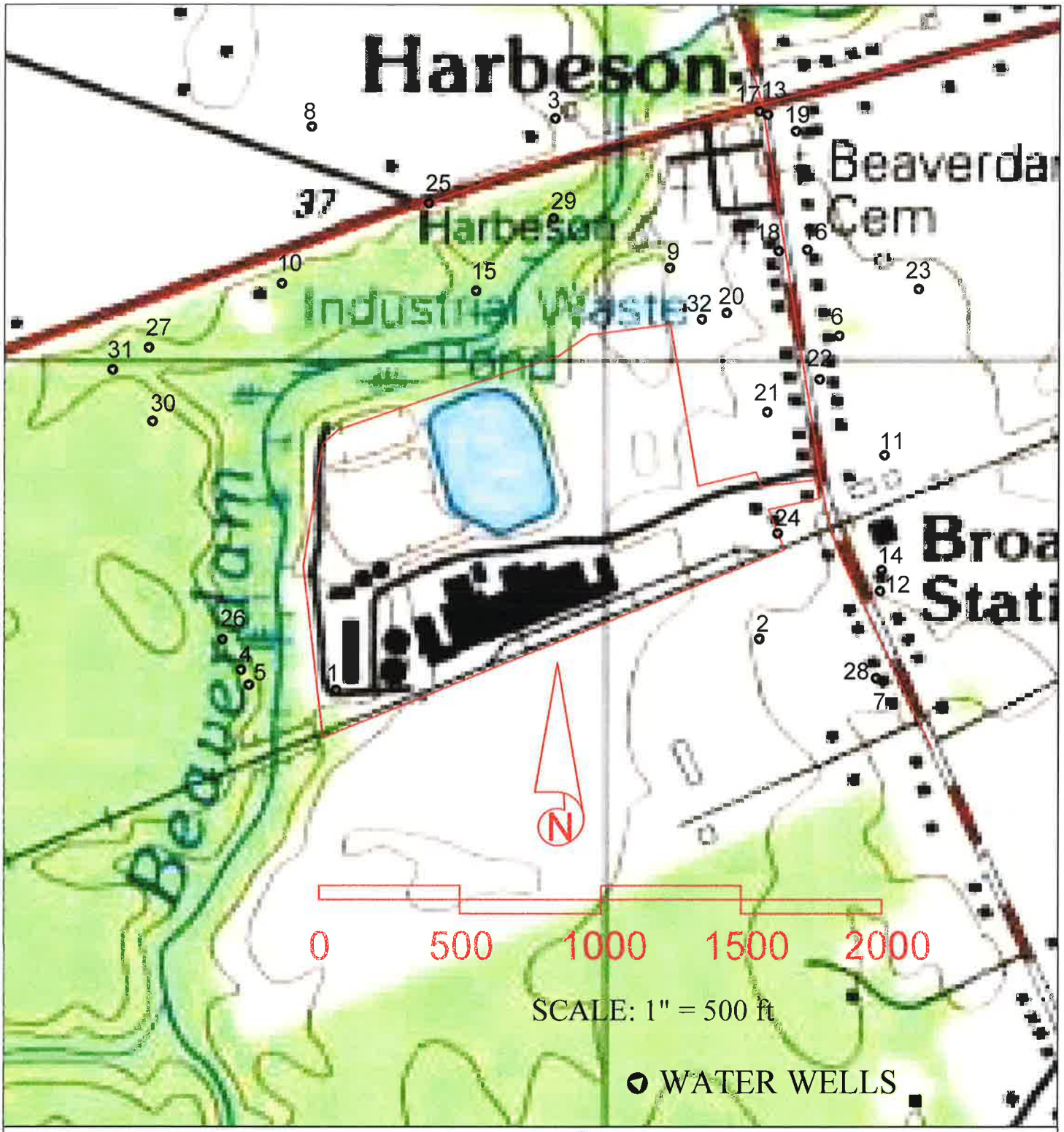
Prepared For:

Allen Family Foods, Inc.
126 N.Shipley Street
Seaford, DE 19973

Site:

Allen Family Foods, Inc.
18752 Harbeson Rd.
Harbeson, DE 19951

Date: 10/20/10
Revision Date:
Project: AL-130-18
Drafted by: MK



Environmental, Inc.

1103 S. Talbot Street Suite D
St. Michaels, MD 21663

WATER WELLS WITHIN 1/4 MILE OF SITE

SEE ATTACHED TABLE FOR WELL INFORMATION

Prepared For:

Allen Family Foods, Inc.
126 N.Shipley Street
Seaford, DE 19973

Site:

Allen Family Foods, Inc.
18752 Harbeson Rd.
Harbeson, DE 19951

Date: 10/20/10
Revision Date:
Project: AL-130-18
Drafted by: MK

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	Local_WellI	WellType	Owner	TotalDepth	TotalDep_1	DGSid
1	52446		Agricultural - Standard	LeBreton, Leon	0.00	70.00	
2	227572		Agricultural - Standard	Graves, Henry	55.00	0.00	
3	200106		Agricultural - Standard	Lett, Augustine	0.00	70.00	
4	211364		Agricultural - Standard	Beaver Properties	60.00	65.00	
5	211365		Agricultural - Standard	Beaver Properties	60.00	55.00	
6	175260		Domestic - Standard	Karol, Chris	0.00	80.00	
7	190880		Domestic - Standard	Dootson, Jim	0.00	53.00	
8	222095		Domestic - Standard	Prettyman, John Wayne	80.00	94.00	
9	162370		Domestic - Standard	Singley, Darrin & Dawn	0.00	83.00	
10	171744		Domestic - Standard	Hienkle, Ralph	0.00	70.00	
11	35355		Domestic - Standard	Prettyman, Albert	0.00	65.00	
12	225791		Domestic - Standard	Chicosky, David L	80.00	70.00	
13	158391		Domestic - Standard	Karol, Chris	0.00	0.00	
14			Domestic - Standard	Alfree, John T	0.00	180.00	
15	184223		Domestic - Standard	Manuel, Thomas	0.00	70.00	
16	226869		Domestic - Standard	Wagamon, Lydia	60.00	70.00	
17	156740		Domestic - Standard	Hlavacek, Mark & Marion	0.00	70.00	
18	51929		Domestic - Standard	Pase, J Edgar	0.00	60.00	
19	155611		Domestic - Standard	Hellens, Carol	0.00	60.00	
20	214859	Rt 5	Domestic - Standard	Melson, H Page	70.00	70.00	
21	202277		Domestic - Standard	Suthard, Lisa D	0.00	60.00	
22	49530		Domestic - Standard	Neasey, Cartland	0.00	60.00	
23	182350		Domestic - Standard	Sockriter, Linda	0.00	70.00	
24	38079		Domestic - Standard	Suthard, Lisa D	0.00	65.00	
25	156063		Domestic - Standard	Lingo, John	0.00	0.00	
26	220685	15	Domestic - Standard	Equity Homes LLC	80.00	90.00	
27	167991		Domestic - Standard	Cybak, Roman	0.00	69.00	
28	44306		Domestic - Standard	Dootson, Jim	0.00	62.00	
29	153925		Domestic - Standard	Mccall, Mark W	0.00	65.00	
30	158811		Domestic - Standard	Markham, Melissa	0.00	83.00	
31	167610		Domestic - Standard	Markham, Melissa	0.00	58.00	
32	219367		Domestic - Standard	Melson, H Page	70.00	70.00	
	10289	ALLEN'S FAMILY FOODS	Industrial - Standard	LeBreton, Leon	0.00	102.00	
	48815	ALLEN'S FAMILY FOODS	Industrial - Standard	Cargill Inc	0.00	80.00	
	34899	ALLEN'S FAMILY FOODS	Industrial - Standard	LeBreton, Leon	0.00	0.00	
	34900	ALLEN'S FAMILY FOODS	Industrial - Standard	LeBreton, Leon	0.00	0.00	
	38010	4	Industrial - Standard	Paramount Poultry	0.00	90.00	
	40173	5	Industrial - Standard	Allen's Family,	0.00	111.00	
33	221133	Church	Public - Miscellaneous	Harbeson United Methodist Church	120.00	125.00	
34	224328	Harbeson D	Public - Standard	Lingo, John Floyd Trustee	120.00	180.00	
	211078		Public - Standard	Allen Family Foods Inc	150.00	100.00	
	211079		Public - Standard	Allen Family Foods Inc	100.00	105.00	

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	TaxID	SepticPerm	wellauthco	WellStatus	EstMaxCapa	EstDailyUs	RequiresAl
1	52446				Active	15	500	NO
2	227572	2-35-30.00-0104.00	existing	4237974	Issued	20	300	NO
3	200106				Active	25	20000	NO
4	211364	2-35-30.00-0099.03		1226XHDG	Active	20	800	YES
5	211365	2-35-30.00-0099.03		1227XHDG	Active	20	500	YES
6	175260				Active	20	800	NO
7	190880				Active	15	300	NO
8	222095	2-35-30.00-0004.02	213230	4466044	Completed	20	1000	NO
9	162370				Active	15	1000	NO
10	171744				Permit Expired	10	300	NO
11	35355				Active	5	1000	NO
12	225791	2-35-30.00-0136.00	215092	4179447	Completed	10	500	NO
13	158391				Permit Expired	15	400	NO
14					Active	50	200	NO
15	184223				Permit Expired	10	300	NO
16	226869	2-35-30.00-0072.00	existing	5442417	Completed	15	300	NO
17	156740				Active	10	300	NO
18	51929				Active	15	300	NO
19	155611				Active	15	300	NO
20	214859	2-35-30.00-0091.00	existing	2977732	Well Abandoned	25	300	NO
21	202277				Active	12	400	NO
22	49530				Active	15	300	NO
23	182350				Well Abandoned	15	300	NO
24	38079				Pending	10	400	NO
25	156063				Active	15	400	NO
26	220685	2-35-30.00-0322.00	213282	6389069	Completed	20	288	NO
27	167991				Active	15	300	NO
28	44306				Active	30	200	NO
29	153925				Active	10	400	NO
30	158811				Active	10	300	NO
31	167610				Active	15	300	NO
32	219367	2-35-30.00-0091.00	existing	5033867	Completed	20	300	NO
	10289				Active	300	432000	NO
	48815				Active	100	60000	NO
	34899				Active	300	432000	NO
	34900				Active	300	432000	NO
	38010				Pending	400	0	NO
	40173				Active	400	0	NO
33	221133	2-35-30.00-0071.00	210949	3370609	Completed	20	800	NO
34	224328	2-35-30.00-0069.00	150869	4463565	Completed	20	300	NO
	211078	2-35-30.00-0097.00		0919KUQ3	Well Abandoned	50	100	NO
	211079	2-35-30.00-0097.00		1018KUQ3	Active	300	432000	YES

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	EstConstru	ProposedDr	Formation	PumpMaker	PumpIntake	PumpTestRa	PumpRatedC
1	52446	10/29/1982	Jetted	Undetermined		0.00	25.00	0.00
2	227572		Mud Rotary			0.00	0.00	0.00
3	200106		Unknown			0.00	0.00	0.00
4	211364	12/26/2005	Mud Rotary	Undetermined	GOULDS	40.00	20.00	20.00
5	211365	12/02/2005	Mud Rotary	Undetermined	GOULDS	40.00	20.00	20.00
6	175260	10/31/2000	Mud Rotary	Undetermined		0.00	25.00	0.00
7	190880	12/09/2002	Mud Rotary	Undetermined		0.00	50.00	0.00
8	222095		Mud Rotary	Undetermined		0.00	80.00	0.00
9	162370	01/27/1999	Mud Rotary	Undetermined		30.00	70.00	20.00
10	171744		Unknown			0.00	0.00	0.00
11	35355	12/29/1975	Driven			0.00	15.00	5.00
12	225791		Mud Rotary	Undetermined		0.00	40.00	0.00
13	158391		Unknown			0.00	0.00	0.00
14		07/14/1999	Mud Rotary	Undetermined		0.00	0.00	0.00
15	184223		Unknown			0.00	0.00	0.00
16	226869		Mud Rotary	Undetermined		0.00	15.00	0.00
17	156740	03/17/1998	Mud Rotary	Undetermined		50.00	30.00	10.00
18	51929	09/23/1982	Jetted	Undetermined		3.00	30.00	8.00
19	155611	01/02/1998	Mud Rotary	Undetermined		0.00	25.00	8.00
20	214859		Mud Rotary	Undetermined		0.00	25.00	0.00
21	202277	08/20/2004	Mud Rotary	Undetermined		0.00	10.00	0.00
22	49530	10/02/1981	Jetted	Undetermined		30.00	25.00	8.00
23	182350	11/07/2001	Mud Rotary	Undetermined		28.00	60.00	8.00
24	38079	04/13/1977	Mud Rotary			0.00	50.00	0.00
25	156063	02/16/1998	Mud Rotary	Undetermined		30.00	30.00	8.00
26	220685		Mud Rotary	Undetermined		0.00	50.00	0.00
27	167991	01/04/2000	Mud Rotary	Undetermined		0.00	100.00	0.00
28	44306	09/10/1979	Jetted	Undetermined		0.00	10.00	0.00
29	153925	12/01/1997	Mud Rotary	Undetermined		2.00	20.00	10.00
30	158811	07/17/1998	Mud Rotary	Undetermined		35.00	75.00	10.00
31	167610	10/12/1999	Mud Rotary	Undetermined		0.00	75.00	0.00
32	219367		Mud Rotary	Undetermined		0.00	30.00	0.00
	10289	01/01/1967	Other			0.00	0.00	0.00
	48815	08/21/1981	Mud Rotary	Undetermined		42.00	100.00	50.00
	34899	12/15/1975	Reverse Rotary	Columbia Gp		0.00	0.00	0.00
	34900	11/11/1975	Reverse Rotary	Columbia Gp		0.00	0.00	0.00
	38010	06/15/1977	Mud Rotary	Undetermined		0.00	297.00	0.00
	40173	04/25/1978	Unknown	Undetermined		0.00	238.00	0.00
33	221133		Mud Rotary	Undetermined		0.00	50.00	0.00
34	224328		Mud Rotary	Undetermined		0.00	50.00	0.00
	211078	08/11/2005	Air Rotary	Undetermined		0.00	0.00	0.00
	211079	10/18/2005	Reverse Rotary	Undetermined	NONE	0.00	525.00	0.00

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	PumpTestTi	PumpingWat	RetainWell	StaticWate	WaterLevel	WellTermun	WellTermin
1	52446	0.50000000000	22.00	0	12.00	10/29/1982	12.00	Other
2	227572	0.00000000000	0.00	N	0.00		0.00	
3	200106	0.00000000000	0.00	0	0.00		8.00	None
4	211364	2.00000000000	5.00		5.00	02/02/2006	8.00	Pitless Adaptor
5	211365	2.00000000000	6.00		6.00	02/02/2006	8.00	Pitless Adaptor
6	175260	1.00000000000	12.00	0	6.00	10/31/2000	12.00	Other
7	190880	2.00000000000	20.00	0	16.25	12/09/2002	8.00	Other
8	222095	2.00000000000	14.00	N	9.00	11/28/2007	8.00	Pitless Adaptor
9	162370	2.00000000000	16.00	0	-8.00	01/27/1999	0.00	Pitless Adaptor
10	171744	0.00000000000	0.00	0	0.00		8.00	None
11	35355	0.50000000000	18.00	0	12.00	12/29/1975	8.00	None
12	225791	1.00000000000	18.00	N	17.00	09/22/2008	8.00	Pitless Adaptor
13	158391	0.00000000000	0.00	0	0.00		0.00	None
14		0.00000000000	0.00	0	20.00	07/14/1999	10.00	Standard T
15	184223	0.00000000000	0.00	0	0.00		8.00	None
16	226869	0.50000000000	0.00	N	12.00	02/02/2009	12.00	Standard T
17	156740	3.00000000000	17.00	0	-7.00	03/17/1998	12.00	Pitless Adaptor
18	51929	0.50000000000	25.00	0	14.00	09/23/1982	8.00	Other
19	155611	0.50000000000	18.00	0	10.00	01/02/1998	12.00	Standard T
20	214859	1.00000000000	25.00	N	17.00	07/12/2006	12.00	None
21	202277	1.00000000000	10.00	0	10.00	08/20/2004	10.00	None
22	49530	0.50000000000	23.00	0	13.00	10/02/1981	8.00	Other
23	182350	0.00000000000	17.00	0	15.00	11/07/2001	12.00	Standard T
24	38079	2.00000000000	19.00	0	15.00	04/13/1977	8.00	None
25	156063	0.50000000000	0.00	0	5.00	02/16/1998	12.00	Standard T
26	220685	2.00000000000	20.00	N	10.00	08/15/2007	12.00	Pitless Adaptor
27	167991	2.00000000000	20.00	0	-8.25	01/04/2000	16.00	Other
28	44306	1.00000000000	18.00	0	18.00	09/10/1979	0.00	None
29	153925	2.00000000000	0.00	0	-4.00	12/01/1997	8.00	Standard T
30	158811	2.00000000000	16.00	0	-9.00	07/17/1998	12.00	Pitless Adaptor
31	167610	2.00000000000	18.00	0	-9.75	10/12/1999	8.00	Other
32	219367	1.00000000000	20.00	N	15.00	05/16/2007	12.00	Pitless Adaptor
	10289	0.00000000000	0.00	0	0.00		0.00	
	48815	4.00000000000	12.00	0	-8.00	09/24/1981	18.00	Pitless Adaptor
	34899	0.00000000000	0.00	0	0.00		0.00	
	34900	0.00000000000	0.00	0	0.00		0.00	
	38010	8.00000000000	26.00	0	19.00	06/15/1977	24.00	Other
	40173	6.00000000000	20.00	0	16.00	04/25/1978	30.00	Other
33	221133	1.00000000000	21.00	N	4.00	10/23/2007	12.00	Pitless Adaptor
34	224328	2.00000000000	20.00	N	12.00	06/17/2008	12.00	Pitless Adaptor
	211078	0.00000000000	0.00		0.00	10/13/2005	0.00	Standard T
	211079	8.00000000000	18.00		9.00	12/01/2005	24.00	Pitless Adaptor

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	Replacemen	ReplacedWe	WellAbando	WellAban_1	LocalID	WellCommen	AppRecDate
1	52446					Rt 5		10/25/1982
2	227572	N						03/26/2009
3	200106					Rt 9		03/24/2004
4	211364				Bad Water		1	09/02/2005
5	211365				Bad Water		1	09/02/2005
6	175260	Y				Lots 12&13		10/25/2000
7	190880	Y				Rt. 5		12/04/2002
8	222095	N						11/20/2007
9	162370					lot 10		12/16/1998
10	171744					Lot 14		04/26/2000
11	35355	Y				Rt 5		12/29/1975
12	225791	N						09/16/2008
13	158391	Y				RT 5		05/27/1998
14		Y				Emergency		08/12/1999
15	184223					Lot 17		02/22/2002
16	226869	N						01/05/2009
17	156740					lot 8		02/27/1998
18	51929	Y				Rt 9		09/01/1982
19	155611					Rt 5		12/16/1997
20	214859	N						05/19/2006
21	202277					Rt 5		06/28/2004
22	49530	Y				Rt 5		10/02/1981
23	182350	Y				RT 5		11/09/2001
24	38079	Y				Rt 5		04/21/1977
25	156063					Lot 1D		01/21/1998
26	220685	N						08/13/2007
27	167991					lot 13		09/27/1999
28	44306	Y				Rt 5		08/25/1979
29	153925					lot 18		09/24/1997
30	158811					lot 9		06/04/1998
31	167610					lot 11		09/07/1999
32	219367	N						05/16/2007
	10289					6		01/01/1967
	48815					3		06/23/1981
	34899	Y				1		08/26/1975
	34900	Y				2		08/26/1975
	38010	Y				4		05/04/1977
	40173	Y				5		12/22/1977
33	221133	N						09/11/2007
34	224328	N						06/05/2008
	211078				Bad Water			08/10/2005
	211079				Bad Water	7	1	08/10/2005

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	LocReviewD	ProposedCo	PermitAppr	ActualCon	Completion	AbandonRep	Reclassify	Potable
1	52446	10/25/1982	10/25/1982	10/25/1982		10/29/1982			No
2	227572	03/26/2009	03/26/2009	03/26/2009					No
3	200106	03/24/2004	03/24/2004	03/24/2004					No
4	211364	09/02/2005	09/16/2005	09/16/2005		12/26/2005			No
5	211365	09/02/2005	09/16/2005	09/16/2005		12/27/2005			No
6	175260	10/25/2000	10/25/2000	10/25/2000		10/31/2000			No
7	190880	12/04/2002	12/04/2002	12/04/2002		12/09/2002			No
8	222095	11/20/2007	11/27/2007	11/27/2007		12/17/2007			Yes
9	162370	12/16/1998	12/16/1998	12/16/1998		01/27/1999			No
10	171744	04/26/2000	04/26/2000	04/26/2000					No
11	35355	12/29/1975	12/29/1975	12/29/1975		12/29/1975			No
12	225791	09/17/2008	09/19/2008	09/19/2008		09/30/2008			Yes
13	158391	05/27/1998	05/27/1998	05/27/1998					No
14		08/12/1999	08/12/1999	08/12/1999		07/14/1999			No
15	184223	02/22/2002	02/22/2002	02/22/2002					No
16	226869	01/06/2009	01/14/2009	01/14/2009		03/11/2009			Yes
17	156740	02/27/1998	02/27/1998	02/27/1998		03/17/1998			No
18	51929	09/01/1982	09/01/1982	09/01/1982		09/23/1982			No
19	155611	12/16/1997	12/16/1997	12/16/1997		01/02/1998			No
20	214859	05/22/2006	06/05/2006	06/05/2006		08/11/2006	05/16/2007		Yes
21	202277	06/28/2004	06/28/2004	06/28/2004		08/20/2004			No
22	49530	10/02/1981	10/02/1981	10/02/1981		10/02/1981			No
23	182350	11/09/2001	11/09/2001	11/09/2001		11/07/2001			No
24	38079	04/21/1977	04/21/1977	04/21/1977		04/13/1977			No
25	156063	01/21/1998	01/21/1998	01/21/1998		02/16/1998			No
26	220685	08/15/2007	08/15/2007	08/15/2007		08/27/2007			Yes
27	167991	09/27/1999	09/27/1999	09/27/1999		01/04/2000			No
28	44306	08/25/1979	08/25/1979	08/25/1979		09/10/1979			No
29	153925	09/24/1997	09/24/1997	09/24/1997		12/01/1997			No
30	158811	06/04/1998	06/04/1998	06/04/1998		07/17/1998			No
31	167610	09/07/1999	09/07/1999	09/07/1999		10/12/1999			No
32	219367	05/16/2007	05/16/2007	05/16/2007		06/21/2007			Yes
	10289	01/01/1951	01/01/1967	01/01/1967		01/01/1967			No
	48815	06/23/1981	06/23/1981	06/23/1981		08/21/1981			No
	34899	08/26/1975	08/26/1975	08/26/1975		12/15/1975			No
	34900	08/26/1975	08/26/1975	08/26/1975		11/11/1975			No
	38010	05/04/1977	05/04/1977	05/04/1977		06/15/1977			No
	40173	12/22/1977	12/22/1977	12/22/1977		04/25/1978			No
33	221133	09/11/2007	10/18/2007	10/19/2007		10/30/2007			Yes
34	224328	06/06/2008	06/13/2008	06/17/2008		06/18/2008			Yes
	211078	08/11/2005	08/29/2005	08/29/2005		09/19/2005	12/06/2005		Yes
	211079	08/10/2005	09/27/2005	09/27/2005		10/18/2005			Yes

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	TestTemp	GMZ	WellPit	Replacem_1	AllocRevie	Sampled	CPCN	AgPrecDist	Floodplain	SmallLot	Injection	PCIV	Emergency
1	52446	No	No	No	No	No	No	No	No	No	No	No	No	No
2	227572	No	No	No	No	No	No	No	No	No	No	No	Yes	No
3	200106	No	No	No	No	No	No	No	No	No	No	No	No	No
4	211364	Yes	No	No	No	No	No	No	No	No	No	No	No	No
5	211365	No	No	No	No	No	No	No	No	No	No	No	No	No
6	175260	No	No	No	No	No	No	No	No	No	No	No	No	No
7	190880	No	No	No	No	No	No	No	No	No	No	No	No	No
8	222095	No	No	No	No	No	No	No	No	No	No	No	No	No
9	162370	No	No	No	No	No	No	No	No	No	No	No	No	No
10	171744	No	No	No	No	No	No	No	No	No	No	No	No	No
11	35355	No	No	No	No	No	No	No	No	No	No	No	No	No
12	225791	No	Yes	No	Yes	No	No	Yes	No	No	No	No	Yes	No
13	158391	No	No	No	No	No	No	No	No	No	No	No	No	No
14		No	No	No	No	No	No	No	No	No	No	No	No	No
15	184223	No	No	No	No	No	No	No	No	No	No	No	No	No
16	226869	No	Yes	No	Yes	No	No	No	No	No	No	No	No	No
17	156740	No	No	No	No	No	No	No	No	No	No	No	No	No
18	51929	No	No	No	No	No	No	No	No	No	No	No	No	No
19	155611	No	No	No	No	No	No	No	No	No	No	No	No	No
20	214859	No	No	No	No	No	No	No	No	No	No	No	Yes	No
21	202277	No	No	No	No	No	No	No	No	No	No	No	No	No
22	49530	No	No	No	No	No	No	No	No	No	No	No	No	No
23	182350	No	No	No	No	No	No	No	No	No	No	No	No	No
24	38079	No	No	No	No	No	No	No	No	No	No	No	No	No
25	156063	No	No	No	No	No	No	No	No	No	No	No	No	No
26	220685	No	No	No	No	No	No	No	No	No	No	No	No	No
27	167991	No	No	No	No	No	No	No	No	No	No	No	No	No
28	44306	No	No	No	No	No	No	No	No	No	No	No	No	No
29	153925	No	No	No	No	No	No	No	No	No	No	No	No	No
30	158811	No	No	No	No	No	No	No	No	No	No	No	No	No
31	167610	No	No	No	No	No	No	No	No	No	No	No	No	No
32	219367	No	No	No	No	No	No	No	No	No	No	No	Yes	No
	10289	No	No	No	No	No	No	No	No	No	No	No	No	No
	48815	No	No	No	No	No	No	No	No	No	No	No	No	No
	34899	No	No	No	No	No	No	No	No	No	No	No	No	No
	34900	No	No	No	No	No	No	No	No	No	No	No	No	No
	38010	No	No	No	No	No	No	No	No	No	No	No	No	No
	40173	No	No	No	No	No	No	No	No	No	No	No	No	No
33	221133	No	Yes	No	No	No	Yes	No	No	No	No	No	No	No
34	224328	No	Yes	No	Yes	No	Yes	Yes	No	No	No	No	No	No
	211078	Yes	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No
	211079	No	No	No	No	Yes	Yes	No	No	No	No	No	Yes	No

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	Confined	Reviewable	Existing	ScreenTop	ScreenBase	ScreenMate	MinWellDia	MaxWellDia	X
1	52446	No	No	No	60.00	70.00	PVC	2.00	2.00	210934.00000
2	227572	No	No	No	0.00	0.00		0.00	0.00	211392.00000
3	200106	No	No	No	0.00	0.00		0.00	0.00	211170.00000
4	211364	No	No	No	55.00	65.00	PVC	4.00	4.00	210832.00000
5	211365	No	No	No	45.00	55.00	PVC	4.00	4.00	210840.00000
6	175260	No	No	No	74.00	80.00	None	2.00	2.00	211478.00000
7	190880	No	No	No	53.00	58.00	PVC	2.00	2.00	211526.00000
8	222095	No	No	No	78.00	88.00	PVC	4.00	4.00	210906.00000
9	162370	No	No	No	76.00	83.00	PVC	4.00	4.00	211294.34000
10	171744	No	No	No	0.00	0.00		0.00	0.00	210874.00000
11	35355	No	No	No	0.00	0.00		0.00	0.00	211527.00000
12	225791	No	No	No	60.00	70.00	PVC	4.00	4.00	211523.00000
13	158391	No	No	No	0.00	0.00		0.00	0.00	211399.96000
14		No	No	No	170.00	180.00	PVC	2.00	2.00	211524.00000
15	184223	No	No	No	0.00	0.00		0.00	0.00	211085.00000
16	226869	No	No	No	60.00	70.00	PVC	2.00	2.00	211442.00000
17	156740	No	No	No	60.00	70.00	PVC	4.00	4.00	211391.23000
18	51929	No	No	No	50.00	60.00	PVC	2.00	2.00	211413.00000
19	155611	No	No	No	50.00	60.00	PVC	2.00	2.00	211429.69000
20	214859	No	Yes	No	60.00	70.00	PVC	4.00	4.00	211356.00000
21	202277	No	No	No	40.00	50.00	PVC	4.00	4.00	211400.00000
22	49530	No	No	No	50.00	60.00	PVC	2.00	2.00	211458.00000
23	182350	No	No	No	60.00	70.00	PVC	2.00	2.00	211564.00000
24	38079	No	No	No	0.00	0.00		0.00	0.00	211412.21000
25	156063	No	No	No	55.00	65.00	PVC	2.00	2.00	211032.33000
26	220685	No	No	No	80.00	87.00	PVC	4.00	4.00	210811.00000
27	167991	No	No	No	64.00	69.00	PVC	2.00	2.00	210731.00000
28	44306	No	No	No	52.00	62.00	PVC	2.00	2.00	211519.00000
29	153925	No	No	No	55.00	65.00	PVC	2.00	2.00	211168.43000
30	158811	No	No	No	73.00	83.00	PVC	4.00	4.00	210734.32000
31	167610	No	No	No	53.00	58.00	PVC	8.00	8.00	210692.00000
32	219367	No	Yes	No	60.00	70.00	PVC	4.00	4.00	211329.00000
	10289	No	No	No	0.00	0.00		0.00	0.00	211207.48000
	48815	No	No	No	70.00	80.00	Steel	6.00	6.00	211208.73000
	34899	No	No	No	65.00	106.00	Rock	10.00	10.00	211238.22000
	34900	No	No	No	59.00	88.00	Rock	10.00	10.00	211300.01000
	38010	No	No	No	60.00	90.00	Other	10.00	10.00	211325.98000
	40173	No	No	No	71.00	111.00	Steel	10.00	10.00	211298.94000
33	221133	Yes	Yes	No	115.00	125.00	PVC	4.00	4.00	
34	224328	Yes	Yes	No	167.00	177.00	PVC	4.00	4.00	
	211078	No	Yes	No	75.00	100.00	PVC	4.00	4.00	
	211079	No	Yes	No	79.00	104.00	Steel	12.00	12.00	

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	Y	Latitude	Longitude	LocationMe	ModGrid	Watershed
1	52446	79833.10000	38.719132	-75.290941	Map Interpolation-USGS Topographic	164-108	Broadkill River
2	227572	79890.40000	38.719642	-75.285675	GPS-Unspecified	164-108	Broadkill River
3	200106	80451.90000	38.724703	-75.288218	Map Interpolation-USGS Topographic	164-116	Broadkill River
4	211364	79853.10000	38.719313	-75.292114	Map Interpolation-USGS Topographic	164-108	Broadkill River
5	211365	79836.20000	38.719161	-75.292022	Map Interpolation-USGS Topographic	164-108	Broadkill River
6	175260	80217.00000	38.722583	-75.284680	Map Interpolation-USGS Topographic	172-112	Broadkill River
7	190880	79844.20000	38.719224	-75.284134	Map Interpolation-USGS Topographic	164-108	Broadkill River
8	222095	80442.30000	38.724620	-75.291254	GPS-Unspecified	164-116	Broadkill River
9	162370	80289.29000	38.723237	-75.286791	Map Interpolation-USGS Topographic	164-108	Broadkill River
10	171744	80273.00000	38.723095	-75.291624	Map Interpolation-USGS Topographic	164-108	Broadkill River
11	35355	80088.10000	38.721421	-75.284119	Map Interpolation-USGS Topographic	172-112	Broadkill River
12	225791	79941.40000	38.720100	-75.284167	GPS-Unspecified	172-112	Broadkill River
13	158391	80457.13000	38.724747	-75.285573	Map Interpolation-USGS Topographic	172-112	Broadkill River
14		79960.40000	38.720271	-75.284155	Map Interpolation-USGS Topographic	172-112	Broadkill River
15	184223	80263.20000	38.723004	-75.289198	Map Interpolation-USGS Topographic	164-108	Broadkill River
16	226869	80310.70000	38.723428	-75.285093	GPS-Unspecified	172-112	Broadkill River
17	156740	80462.47000	38.724795	-75.285674	Map Interpolation-USGS Topographic	164-108	Broadkill River
18	51929	80306.30000	38.723388	-75.285426	Map Interpolation-USGS Topographic	164-108	Broadkill River
19	155611	80440.04000	38.724593	-75.285232	Map Interpolation-USGS Topographic	172-112	Broadkill River
20	214859	80240.80000	38.722799	-75.286083	Map Interpolation-USGS Topographic	164-108	Broadkill River
21	202277	80134.30000	38.721839	-75.285578	Map Interpolation-USGS Topographic	164-108	Broadkill River
22	49530	80169.80000	38.722158	-75.284911	Map Interpolation-USGS Topographic	172-112	Broadkill River
23	182350	80267.50000	38.723037	-75.283690	Map Interpolation-USGS Topographic	172-112	Broadkill River
24	38079	80002.68000	38.720653	-75.285440	Map Interpolation-USGS Topographic	164-108	Broadkill River
25	156063	80363.14000	38.723905	-75.289802	Map Interpolation-USGS Topographic	164-108	Broadkill River
26	220685	79887.00000	38.719619	-75.292355	GPS-Unspecified	164-108	Broadkill River
27	167991	80203.20000	38.722468	-75.293270	Map Interpolation-USGS Topographic	164-108	Broadkill River
28	44306	79848.10000	38.719259	-75.284215	Map Interpolation-USGS Topographic	164-108	Broadkill River
29	153925	80344.29000	38.723734	-75.288238	Map Interpolation-USGS Topographic	164-108	Broadkill River
30	158811	80122.80000	38.721744	-75.293233	Map Interpolation-USGS Topographic	164-108	Broadkill River
31	167610	80179.90000	38.722259	-75.293719	Map Interpolation-USGS Topographic	164-108	Broadkill River
32	219367	80235.40000	38.722751	-75.286393	GPS-Unspecified	164-108	Broadkill River
	10289	80000.76000	38.720643	-75.287794	GPS-Unspecified	164-108	Broadkill River
	48815	80145.22000	38.721944	-75.287778	Map Interpolation-Other	164-108	Rehoboth Bay
	34899	80052.85000	38.721112	-75.287440	GPS-Unspecified	164-108	Broadkill River
	34900	79944.25000	38.720133	-75.286731	GPS-Unspecified	164-108	Broadkill River
	38010	80004.16000	38.720672	-75.286432	GPS-Unspecified	164-108	Broadkill River
	40173	80076.44000	38.721324	-75.286742	GPS-Unspecified	164-108	Broadkill River
33	221133				GPS-Unspecified	172-112	Broadkill River
34	224328				GPS-Unspecified	172-112	Broadkill River
	211078				Map Interpolation-USGS Topographic	164-108	Broadkill River
	211079				Map Interpolation-USGS Topographic	164-108	Broadkill River

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	basin	USGSHydrol	LicenseNum	WellContra
1	52446	Delaware Bay	02040207	4058	Walter E Welldriler
2	227572	Delaware Bay	02040207		
3	200106	Delaware Bay	02040207	4266	Burns Well Drilling
4	211364	Delaware Bay	02040207	282	S Preston English
5	211365	Delaware Bay	02040207	282	S Preston English
6	175260	Delaware Bay	02040207	13	Daiseys Well Drillling
7	190880	Delaware Bay	02040207		
8	222095	Delaware Bay	02040207	1	White Drilling Corporation
9	162370	Delaware Bay	02040207	1	White Drilling Corporation
10	171744	Delaware Bay	02040207	8	Allied Water Services
11	35355	Delaware Bay	02040207	4058	Walter E Welldriler
12	225791	Delaware Bay	02040207	5374	Draper Environmental Services
13	158391	Delaware Bay	02040207		
14		Delaware Bay	02040207	319	Weber's Well Drilling Inc
15	184223	Delaware Bay	02040207		
16	226869	Delaware Bay	02040207	161	Duffys Well Drilling
17	156740	Delaware Bay	02040207	789	Atlantic Well Drilling Inc
18	51929	Delaware Bay	02040207	4058	Walter E Welldriler
19	155611	Delaware Bay	02040207	50	Ernest L Smith
20	214859	Delaware Bay	02040207	161	Duffys Well Drilling
21	202277	Delaware Bay	02040207	257	Wooten's Well Drilling
22	49530	Delaware Bay	02040207	4058	Walter E Welldriler
23	182350	Delaware Bay	02040207	4091	Alan Daisey Well Drilling Inc
24	38079	Delaware Bay	02040207	7	Burns Well Drilling Inc
25	156063	Delaware Bay	02040207	50	Ernest L Smith
26	220685	Delaware Bay	02040207	4427	Aquatech Water Specialties, LLC
27	167991	Delaware Bay	02040207		
28	44306	Delaware Bay	02040207	319	Weber's Well Drilling Inc
29	153925	Delaware Bay	02040207	282	S Preston English
30	158811	Delaware Bay	02040207	789	Atlantic Well Drilling Inc
31	167610	Delaware Bay	02040207		
32	219367	Delaware Bay	02040207	161	Duffys Well Drilling
	10289	Delaware Bay	02040207		
	48815	Inland Bays/Atlantic Ocean	02060010	14	A C Schultes Of Delaware
	34899	Delaware Bay	02040207	40	Shannahan Artesian Well Co Inc
	34900	Delaware Bay	02040207	40	Shannahan Artesian Well Co Inc
	38010	Delaware Bay	02040207	40	Shannahan Artesian Well Co Inc
	40173	Delaware Bay	02040207	40	Shannahan Artesian Well Co Inc
33	221133	Delaware Bay	02040207	13	Daiseys Well Drillling
34	224328	Delaware Bay	02040207	4427	Aquatech Water Specialties, LLC
	211078	Delaware Bay	02040207	14	A C Schultes Of Delaware
	211079	Delaware Bay	02040207	14	A C Schultes Of Delaware

Water Wells within 1/4 Mile of
Allen Family Foods, Inc. - Harbeson Facility

Map_ID_No	State_Permit_Number	OwnerAddre	GroutTop	GroutBase	GroutMater	gravelTop
1	52446	PO Box 676, Lewes, DE 19958 US	0.00	55.00	Neat Cement	60.00
2	227572	18782 Harbeson Road, Harbeson, DE 19951 US	0.00	0.00		0.00
3	200106	302 Bayard Avenue, Rehoboth Beach, DE 19971 US	0.00	0.00		0.00
4	211364	19115 Freeland Lane, Bridgeville, DE 19933 US	0.00	20.00	Bentonite	55.00
5	211365	19115 Freeland Lane, Bridgeville, DE 19933 US	0.00	20.00	Bentonite	45.00
6	175260	PO Box 31, Harbeson, DE 19951 US	3.00	68.00	Bentonite	0.00
7	190880	120 Village Drive, Boyertown, PA 19512 US	0.00	40.00	Bentonite	53.00
8	222095	18939 Harbeson Road, Harbeson, DE 19951 US	0.00	20.00	Bentonite	73.00
9	162370	PO Box 754, Lewes, DE 19958 US	0.00	70.00	Bentonite	70.00
10	171744	41 Bryan Drive, Rehoboth Beach, DE 19971 US	0.00	0.00		0.00
11	35355		0.00	0.00		0.00
12	225791	PO Box 454, Paulsboro, NJ 08088 US	0.00	50.00	Bentonite	50.00
13	158391	PO Box 31, Harbeson, DE 19951 US	0.00	0.00		0.00
14		150 East 4th Street, New Castle, DE 19720 US	0.00	140.00	Bentonite	170.00
15	184223	114 Jefferson Avenue, Wilmington, DE 19805 US	0.00	0.00		0.00
16	226869	PO Box 5, Harbeson, DE 19951 US	0.00	20.00	Bentonite	60.00
17	156740	25 Sweetbriar, Lewes, DE 19958 US	0.00	45.00	Bentonite	50.00
18	51929	PO Box 23, Harbeson, DE 19951 US	0.00	0.00		50.00
19	155611	Rt 5 Box 3, Harbeson, DE 19957 US	0.00	40.00	Bentonite	50.00
20	214859	PO Box 171, Harbeson, DE 19951 US	0.00	20.00	Bentonite	60.00
21	202277	PO Box 33, Harbeson, DE 19951 US	0.00	20.00	Bentonite	40.00
22	49530		0.00	0.00		50.00
23	182350	PO Box 27, Harbeson, DE 19951 US	0.00	20.00	Bentonite	60.00
24	38079	PO Box 33, Harbeson, DE 19951 US	0.00	0.00		60.00
25	156063	Rd 4 Box 164, Georgetown, DE 19947 US	0.00	40.00	Bentonite	55.00
26	220685	4035 Ridge Top Road, Suite 150, Fairfax, VA 22030 US	0.00	25.00	Bentonite	77.00
27	167991	2622 Abington Road, Dartmouth Woods, Wilmington, DE 19810 US	0.00	40.00	Bentonite	64.00
28	44306	120 Village Drive, Boyertown, PA 19512 US	0.00	52.00	Other	52.00
29	153925	19 Cherry Creek Valley, Lewes, DE 19958 US	0.00	20.00	Bentonite	55.00
30	158811	PO Box 416, Lewes, DE 19958 US	0.00	50.00	Bentonite	60.00
31	167610	PO Box 416, Lewes, DE 19958 US	0.00	40.00	Bentonite	53.00
32	219367	PO Box 171, Harbeson, DE 19951 US	0.00	60.00	Natural	60.00
	10289	PO Box 676, Lewes, DE 19958 US	0.00	0.00		0.00
	48815	Paramount Poultry, PO Box 88, Frankford, DE 19945 US	0.00	25.00	Bentonite	30.00
	34899	PO Box 676, Lewes, DE 19958 US	0.00	60.00	Neat Cement	0.00
	34900	PO Box 676, Lewes, DE 19958 US	0.00	59.00	Neat Cement	0.00
	38010	No Address Found, Harbeson, DE 19951 US	0.00	60.00	Neat Cement	1.00
	40173		0.00	68.00	Neat Cement	1.00
33	221133	20123 Feathering Lane, Milton, DE 19968 US	0.00	105.00	Bentonite	0.00
34	224328	24788 Lewes Georgetown Highway, Georgetown, DE 19947 US	0.00	160.00	Bentonite	165.00
	211078	126 North Shipley Street, Seaford, DE 19973 US	0.00	50.00	Bentonite	50.00
	211079	126 North Shipley Street, Seaford, DE 19973 US	0.00	55.00	Bentonite/Cement Mixture	55.00

Map_ID_No	State_Permit_Number	gravelBase	GravelMate	InnerCasin	InnerCas_1	InnerCas_2
1	52446	70.00	Gravel	0.00	60.00	PVC
2	227572	0.00		0.00	0.00	
3	200106	0.00		0.00	0.00	
4	211364	65.00	Gravel	0.00	55.00	PVC
5	211365	55.00	Gravel	0.00	45.00	PVC
6	175260	0.00		0.00	0.00	
7	190880	58.00	Gravel	0.00	53.00	PVC
8	222095	88.00	Gravel	0.00	78.00	PVC
9	162370	83.00	Gravel	0.00	76.00	PVC
10	171744	0.00		0.00	0.00	
11	35355	0.00		0.00	0.00	
12	225791	70.00	Gravel	0.00	60.00	PVC
13	158391	0.00		0.00	0.00	
14		180.00	Gravel	0.00	170.00	PVC
15	184223	0.00		0.00	0.00	
16	226869	70.00	Gravel	0.00	60.00	PVC
17	156740	70.00	Gravel	0.00	60.00	PVC
18	51929	60.00	Gravel	0.00	50.00	PVC
19	155611	60.00	Gravel	0.00	50.00	PVC
20	214859	70.00	Gravel	0.00	60.00	PVC
21	202277	50.00	Gravel	0.00	50.00	PVC
22	49530	60.00	Gravel	0.00	50.00	PVC
23	182350	70.00	Gravel	0.00	60.00	PVC
24	38079	65.00	Gravel	0.00	0.00	
25	156063	65.00	Gravel	0.00	55.00	PVC
26	220685	87.00	Gravel	0.00	80.00	PVC
27	167991	69.00	Gravel	0.00	64.00	PVC
28	44306	62.00	Gravel	0.00	52.00	PVC
29	153925	65.00	Gravel	0.00	55.00	PVC
30	158811	83.00	Gravel	0.00	73.00	PVC
31	167610	58.00	Gravel	0.00	53.00	PVC
32	219367	70.00	Gravel	0.00	60.00	PVC
	10289	0.00		0.00	0.00	
	48815	80.00	Gravel	0.00	70.00	Steel
	34899	106.00	Gravel	0.00	65.00	Steel
	34900	88.00	Gravel	0.00	59.00	Steel
	38010	90.00	Gravel	0.00	60.00	Steel
	40173	111.00	Gravel	0.00	71.00	Steel
33	221133	0.00		0.00	115.00	PVC
34	224328	177.00	Gravel	0.00	167.00	PVC
	211078	100.00	Gravel	0.00	75.00	PVC
	211079	105.00	Gravel	0.00	79.00	Galvanized