

Town of Centreville

Queen Anne's County, Maryland



200 Tillable Acre Farm for Rent

Request for Bids

Documents Available:	Friday, January 12, 2024 @ 1:00p.m.
Mandatory Pre-Bid Meeting:	Wednesday, January 24, 2024 @ 9:00a.m.
Bid Due:	Friday, February 16, 2024 @ 1:00p.m.
Bid Location:	Centreville Town Hall 101 Lawyers Row Centreville, MD 21617
Bid Contact(s):	Gary Phillips (p) 443-262-4602 gphillips@townofcentreville.org Jacki Payne (p) 443-262-4602 jpayne@townofcentreville.org

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REQUEST FOR BIDS FOR RENT FOR TILLAGE

The Town Council of Centreville is accepting sealed bids from qualified and interested bidders for the following project:

Rent for tillage of the Town of Centreville's farm (approximately 200 tillable acres) located at 751 Hope Road for the 2024 growing season with optional annual renewals.

The Town Council of Centreville is also referred to as the "Town of Centreville" or the "Town" in the bid documents.

Bid packages will be available on Friday, January 12, 2024 @ 1:00 p.m. from Town Hall, Town of Centreville, 101 Lawyers Row, Centreville Maryland 21617, 410-758-1180, or found as a download in .pdf form on the Town's website: www.TownofCentreville.org.

A mandatory on-site pre-bid meeting will be held on Friday, January 24, 2024@ 9:00 a.m. at the Centreville Wastewater Reuse Farm, 751 Hope Rd, Centreville, MD 21617. Individuals interested in submitting a bid should contact the Town office for further information.

Bids must be received at Town Hall by Friday, February 16, 2024 @ 1:00 p.m. at which time they will be publicly opened and read aloud. Late arriving bids will not be opened.

The Town of Centreville reserves the right to reject any and all bid proposals, to waive any requirements, to accept all or part of any proposal and to award as may be considered to be in the best interest of the Town. Award of the contract is subject to the approval of the Town Manager and Town Council of Centreville. Gary Phillips, Acting Director of Public Works, and Jacki Payne, Public Works Administrative Assistant, will be the contacts for this bid process and can be reached at (p) 443-262-4602 or by e-mail [-gphillips@townofcentreville.org/](mailto:gphillips@townofcentreville.org)
jpayne@townofcentreville.org.

The Town of Centreville is an Equal Opportunity Employer. Discrimination based on age, race, sex, handicap or national origin is expressly prohibited.

Scope, Bid Instructions, and Payment Schedule

The Town of Centreville owns the farm located at 751 Hope Road and operates it as a Water Reuse Farm. The farm consists of 200+/- tillable acres with 10 walking pivot irrigations. The sole purpose of this farm is to discharge treated effluent generated from the Town's Wastewater Treatment Plant in compliance with MDE Discharge Permit 20-DP-3323.

Lessee shall not, under any circumstances, apply chicken manure to the demised premises nor do anything else in contravention of the Lessor's Maryland Department of the Environment Discharge Permit #20-DP-3323.

Lessee shall conduct all farming operations on the demised premises in a normal, customary, farm-like manner, and shall maintain the demised lands in a state of cultivation including weed control. Ditching of agricultural lands shall not be allowed without the consent of the Lessor and at no time shall ditch leads extend into any buffer strips.

Lessee shall indemnify and hold Lessor harmless for any claim, demand, charge, liability, or cause of action arising from Lessee's actions under this lease, including reimbursement of attorney's fees incurred by Lessor in the defense of such claim, demand or cause of action.

Lessee shall plant 100% of the tillable acreage in a winter cover crop (wheat, barley, oats, rye, etc.) and it shall be the Lessee's responsibility to fund the planting of the cover crop. Lessee must complete a Nutrient Management Plan, at Lessee's expense, and provide a copy of this Plan to the Town of Centreville by January 10th of each year the lease is in effect. The tillable acreage must be sub-soiled annually.

Any damage occurring to the CRP/CREP strips that is caused by the Lessee shall be the Lessee's responsibility to repair, replant, etc.

Instructions

Bidders are to bid per acre for the calendar year 2024 with the possible 2-year extension to expire on December 31, 2026.

A certificate of insurance is to be included with the submitted bid package to be considered a valid bid.

Payment

Lessee is to make equal semi-annual rent payments equal to one-half of the total annual payment, payable to the Town of Centreville. Payments must be made by April 1st for the calendar year tilled and the second half of the total rent paid by October 1st of that year. Any unpaid installment will be subject to a 3% penalty for each month the balance remains outstanding.

Bid Sheet

Bidder's Name: _____

Bidder's Address: _____

Contact Name: _____

Phone: _____

Email: _____

Federal Employer's Identification #: _____

Per Acre Rent Bid: \$ _____

Written Numbers

Per Acre Rent Bid: \$ _____

Written Words

Total Annual Bid Price for 200 Tillable Acres: \$ _____

Signed: _____ Date: _____

Witnessed: _____ Date: _____

Accepted By: _____ Date: _____

Carolyn M. Brinkley, Town Manager
Town of Centreville

Appendix A

Maryland Department of the Environment
Permit # 20-DP-3323



Maryland
Department of
the Environment

RECEIVED
DEC 22 2021

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor
Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

Dec 16, 2021

CERTIFIED MAIL

Mr. John C. Gannon, W/WW Supervisor
Town of Centreville
101 Lawyer's Row
Centreville, MD 21617

Re: Discharge Permit 20-DP-3323 Centreville Wastewater Irrigation Facility

Dear Mr. Gannon:

Enclosed is the above referenced discharge permit with the effective date indicated on the cover page. The permittee is responsible for complying with all permit conditions. Therefore, you are advised to read the permit carefully and to become thoroughly familiar with the requirements in order to maintain compliance with the permit.

Your facility has been approved by MDE to electronically submit Discharge Monitoring Reports (DMRs) through NetDMR. Therefore, you are required to submit monthly DMRs by the 28th of the following month and all other documents as listed in the discharge permit electronically through NetDMR. Should you encounter problems in electronic submission for any month, please consult MDE's Compliance Program by calling (410) 537-3510 to avoid missing the deadline for submission of the above stated documents.

The most current version of 40 CFR Part 136 can be found on the US Government Publishing Office website (http://bit.ly/40CFR_Part136, this link is case-sensitive) regularly to obtain updated guidelines. Unless otherwise specified, the most updated guidelines in 40 CFR Part 136 are required to be used for the analyses of pollutants specified in this permit.

Please note that the permit authorizes wastewater discharge to groundwaters of the State. Discharges to surface waters authorized under NPDES Permit MD0020834.

20-DP-3323

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If you have any questions, please do not hesitate to call Joey Adia, Groundwater Permits Division, at (410) 537-4483.

Sincerely,



Heather W. Barthelme (Dec 16, 2021 10:53 EST)

D. Lee Currey, Director
Water and Science Administration

Enclosures

cc: Mr. John Nickerson, Director of Environmental Health, Queen Anne's Co. Health Dept.
Compliance, Eastern Division



Maryland
Department of
the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

STATE GROUNDWATER DISCHARGE PERMIT

<i>STATE DISCHARGE PERMIT NUMBER</i>	20-DP-3323
<i>NPDES ID NUMBER</i>	MD3323R05
<i>EFFECTIVE DATE</i>	01/01/2022
<i>EXPIRATION DATE</i>	12/31/2026

Pursuant to the provisions of Title 9 of the Environment Article, Annotated Code of Maryland, and regulations promulgated thereunder, the Department of the Environment, hereinafter referred to as "the Department", hereby authorizes

The Town of Centreville
101 Lawyer's Row
Centreville, Maryland 21617

hereinafter referred to as "Permittee", to discharge treated wastewater by spray irrigation as described herein, from:

Centerville Wastewater Irrigation Facility
751 Hope Road
Centreville, Maryland 21617

to groundwaters of the State in accordance with the following special and general conditions, including the attached maps made a part hereof.

I. SPECIAL CONDITIONSA. Waste and Wastewater Limitations

1. This Permittee is authorized to discharge treated wastewater via spray irrigation to ground waters of the State at the site shown on Maps A & B up to a maximum annual average flow of 0.542 million gallons per day. The authorized discharge period is March 1 through December 15.
2. Prior to discharge at the spray irrigation site, all wastewaters shall be treated to produce an effluent which does not exceed the following maximum limitations and is in accordance with the approved nutrient management plan required under Condition I.B.7.

Parameter Code (STORET)	Effluent Parameter	Effluent Limitations			Monitoring Requirements	
		Loading		Concentration	Monitoring Frequency	Sample Type ⁽⁴⁾⁽⁵⁾
		Monthly Average	Yearly Maximum	Monthly Average		
50050	Flow	0.542 mgd ⁽¹⁾	N/A	N/A	Continuous	Recorded
00310	BOD ₅	N/A	N/A	30 mg/l	Twice/Week	8hr-Comp
00530	Suspended Solids	N/A	N/A	30 mg/l	Twice/Week	8hr-Comp
00400	pH	N/A	N/A	6.5 – 8.5 ⁽²⁾	Daily	Grab
00600	Total Nitrogen (N) ⁽³⁾	N/A	N/A	8 mg/l	Twice/Week	8hr-Comp
00625	TKN	N/A	N/A	Report Value	Twice/Week	8hr-Comp
00630	Nitrate + Nitrite (N+N)	N/A	N/A	Report Value	Twice/Week	8hr-Comp
74055	Fecal Coliform ⁽⁶⁾	N/A	N/A	200 MPN/100ml	Twice/Week	Grab

- (1) This is a yearly average sewage flow. Flow shall be measured via flow measurement device installed at spray irrigation control building and evaluated on Calendar year basis.
- (2) These are minimum (6.5) and maximum (8.5) values of pH.
- (3) A permit modification is required for any future expansion of this facility. Such a modification shall include a yearly nitrogen load limitation to groundwater of no more than 13,199 lbs/year at the spray irrigation system. The 13,199 lbs/year nitrogen loading requirement was determined based on 0.542 mgd average daily flow and 8 mg/l effluent nitrogen concentration. Total nitrogen is defined as the sum of Nitrate plus Nitrite (N+N) and Total Kjeldahl Nitrogen (TKN). The concentration of each constituent shall also be reported. This nitrogen loading cap is not an assigned allocation for discharge to the Bay via groundwater because other natural processes reduce the amount of nitrogen reaching the Bay from this system. The factsheet of this permit includes calculations for estimating the amount of nitrogen delivered to the nearby surface water from this system.
- (4) Composite samples shall be obtained from the effluent line leaving the wastewater treatment plant.
- (5) Grab samples shall be obtained from the effluent line just prior to entering the storage lagoon.
- (6) The fecal coliform shall be determined as a geometric mean of the monthly data.

I. SPECIAL CONDITIONS

3. Groundwater samples taken from ten (10) groundwater monitoring wells per requirements of Section I.C.2. shall be monitored by the permittee according to the following limitations:
- a. The discharge of the wastewater authorized in this permit shall not cause groundwater quality to exceed the limitations listed below, as measured in the designated down gradient monitoring wells (MWs 2, 3, 4, 5, 6, 7, 9 and 10 shown on Map B). The Table below includes limitations based on the drinking water standards for NO₂ (Nitrite 00615), Total Dissolved Solids (70295), Chloride (00940), and Fecal Coliform (74055):

Parameter Code (STORET)	Parameter	Groundwater Quality Yearly Average Limitations ^{(1) (2)}	Measurement Frequency	Sample Type
00620	NO ₃ (Nitrate)	Footnote (1)	Once every 3 months	Grab
00615	NO ₂ (Nitrite)	1 mg/l	Once every 3 months	Grab
00625	TKN	Footnote (1)	Once every 3 months	Grab
00600	Total Nitrogen (TKN+NO ₂ +NO ₃)	Footnote (1)	Once every 3 months	Grab
00400	pH	Footnote (1)	Once every 3 Months	Grab
00650	PO ₄ (Total Phosphate)	Footnote (1)	Once every 3 months	Grab
70295	Total Dissolved Solids	500 mg/l	Once every 3 months	Grab
00940	Chloride	250 mg/l	Once every 3 months	Grab
74055	Fecal Coliform	Non-Detect	Once every 3 months	Grab

⁽¹⁾ Monitoring required without limitation.

⁽²⁾ For any reported exceedance, if the average groundwater quality in either background upgradient well (MW1 and MW8) exceeds the groundwater discharge standards, the Department may evaluate whether a violation exists on a case-by-case basis.

⁽³⁾ The groundwater quality limitations are not applicable to the upgradient wells (MW1 and MW8) as shown on Map B.

- b. For other parameters not included in (a) above, the discharge of the treated wastewater, which is authorized in this permit, shall not cause an exceedance of the groundwater quality standards adopted by the Department of the Environment in COMAR 26.04.01, and 26.08.02.09.C. For any exceedance, if the average groundwater quality in the background upgradient wells exceeds the groundwater discharge standards, the Department may evaluate whether a violation exists on a case-by-case basis.

I. SPECIAL CONDITIONSB. Land Application Requirements and Limitations

1. The Permittee shall apply treated wastewaters via spray irrigation on areas (223.7 acres suitable area, 173.44 acres installed with center pivots and spray guns) shown on the attached Map B.
2. The Permittee is prohibited from discharges of any wastewater to surface water except as authorized under a separate surface water discharge permit.
3. At no time shall spray irrigation be conducted on areas with bare unvegetated soils except on wheel tracks and during seeding periods. Excessive irrigation resulting in surface run-off beyond the property line or ponding causing vegetation die off is prohibited. Spray irrigation of treated wastewater that results in or is likely to result in surface runoff to surface water is prohibited.
4. Irrigation of treated wastewater shall not take place during periods of precipitation, freezing conditions, and saturated soil. Irrigation of treated wastewater that results in aerosols or droplets being carried off site is prohibited. The permittee shall provide a storage facility designed to hold treated wastewater during periods when surface discharge and irrigation cannot take place. The storage facility shall be sealed or constructed to prevent the direct seepage of stored waters into ground waters beneath the site. A minimum of a two-foot freeboard at the storage facility shall be maintained at all times. An easily observable staff gauge for measuring the water level in the lagoon shall be maintained. The permittee shall notify the Department when the water level in the lagoon reaches the two and half-foot freeboard level. Water elevation indicating two and half-foot freeboard shall be marked on the staff gauge.
5. The annual average hydraulic loading rates shall be limited to 2"/week in spray fields 1 (23.1 acres), 3 (33.5 acres), 5 (23.7 acres) and 6 (8.1 acres); 0.6"/wk in spray field 4 (30.7 acres); 0.5"/wk in spray field 2 (35.4 acres) and 0.3"/wk in spray fields 7 (25.3 acres), 8 (2.2 acres) and 9 (41.7 acres). The locations of spray fields are shown in Map B. The actual annual average hydraulic loading rate of each spray field must be computed and included in the Annual Spray Irrigation Report required per General Condition II.A.3.
6. Irrigation shall be terminated in any spray field with depth to groundwater table of less than two feet from the ground surface within the wetted spray field.
7. The Permittee shall annually update and submit to the department by January 15 for approval a nutrient management plan for the spray irrigation system. The plan shall include procedures to minimize nitrogen discharge to the groundwater system. The plan shall be prepared in accordance with COMAR 15.20.08.05 with applicable effluent characteristics. The permittee has ruled out the potential for applying chicken manure waste as fertilizer at this site and therefore such application is prohibited. Any changes made to the NMP must be approved by the Department.

I. SPECIAL CONDITIONS

8. A reserve spray irrigation area with a design capacity equivalent to 25% of permitted flow should be identified and set aside in case future adjustments in application rates are necessary. The required 25% reserve area is in addition to and separate from the required buffer zone in Condition 9 below.
9. The Permittee shall provide adequate means to prevent spray droplets from entering adjacent properties, either by direct application or wind carry-over. These means shall include a buffer zone that is:
 - a. Two hundred feet (200) from the wetted perimeter of the spray irrigation site to property lines in open areas or one hundred feet (100) in areas with tree buffer.
 - b. Five hundred feet (500) from the wetted perimeter of the spray irrigation site to houses or other occupied structures in open areas or two hundred fifty feet (250) in area with tree buffer.

Other alternate means may also be approved by the Maryland Department of the Environment as suitable to control the movement of spray onto adjacent land (i.e., wind break of tightly placed trees; etc.). Upon review and approval by the Department, the buffer zone distance specified in items 9.a and 9.b above may be reduced to meet the buffer distance stipulated in §9-303.1 of the Environmental Article if the effluent quality meets the reclaimed water quality of BOD₅ < 10 mg/l, total suspended solids <10 mg/l and fecal coliform <3 MPN/100 ml.

10. Daily logs of the response of each disposal area to the application of treated effluent shall be kept by the plant operator. Subjects to be included in the log are:
 - a. Area(s) or section(s) under irrigation.
 - b. Application rates (hourly and weekly). Each spray field that is in use shall have a flow meter to accurately determine the irrigation rate.
 - c. Instances of ponding or runoff.
 - d. Weather conditions.
 - e. Water level in the lagoon.
 - f. Weekly measurement of groundwater table depth.

The log shall be kept at the spray irrigation site and be available for inspection by the Department personnel upon request.

I. SPECIAL CONDITIONS

11. The permittee shall implement a set of standard operating procedures (SOPs) for the supervision of any temporary certified operator to ensure permit requirements are being implemented. The SOPs shall include daily review of the operating logs by the supervising operator. The SOPs shall be kept onsite and be available for inspection by the Department personnel upon request.

C. Monitoring Requirements of the Land Application System

1. The wastewater treatment plant and the spray irrigation system shall be operated by a Maryland State Certified Operator in accordance with the provisions of COMAR 26.06.01 and consistent with the approved operation and maintenance manual. In order to ensure that the Operator is proficient in the operation of the spray irrigation system, the operator shall take required training courses, when available, at a frequency approved by the MD Board of Waterworks and Waste Systems Operator. This training shall be specific to the operation of the wastewater system in addition to any other training requirements of the operator's class.
2. The Permittee is responsible for the proper installation, operation and maintenance of ten (10) groundwater monitoring wells to be used for obtaining grab or pumped samples of the groundwater. Locations of the wells are shown on the attached Map B.
3. The Permittee shall take and analyze one water sample every three months from each monitoring well.
 - a. Water samples may be obtained by either pumping or bailing the monitoring wells. Prior to taking the sample, a volume of water equal to 300% of the wetted volume of the casing and screen shall be removed.
 - b. The water sample shall be analyzed for the parameters shown in I.A.3.a.

The Permittee shall install and maintain piezometers for monitoring the groundwater levels in spray fields where shallow groundwater tables (<2') are expected.

4. The Permittee shall maintain three (3) surface water monitoring stations along tributaries of the Three Bridge Branch adjacent to the irrigation site for monitoring stream water quality. Sampling frequency and parameters for surface water quality analyses shall be the same as specified in Section I.C.3. The locations of these sampling stations are shown on the attached Map B.

II. GENERAL CONDITIONS

A. Measurements and Reporting Requirements

1. Discharge Monitoring Reports (DMRs)

Monitoring results obtained during each calendar month shall be summarized and submitted electronically using NetDMR. Results shall be submitted to the Department via NetDMR no later than the 28th of the month following the end of the reporting month.

2. Monthly Operating Reports (MORs)

The permittee shall submit monthly operating reports (MORs) on a form supplied or approved by the Inspection and Compliance Program. For each calendar month, the permittee shall submit to the Department a signed original of the MOR as an attachment to the Copy of Record (COR) via NetDMR in electronic format concurrently with the Discharge Monitoring Report submission postmarked no later than 28th day of the month following the reporting month.

3. Groundwater Monitoring Report (GMR)

Groundwater monitoring data required by this permit under Special Condition I.A.4.a shall be summarized on a discharge monitoring report form supplied by the Compliance Program. The yearly report shall be submitted on or before the 28th day of the month following the end of each calendar year as an attachment to the Copy of Record (COR) via NetDMR in electronic format concurrently with the December Discharge Monitoring Report submission. The permittee shall report any violations of the groundwater quality standards in accordance with General Condition II.B.3 included in this permit.

4. Definitions

- a. The monthly average shall be determined by the summation of all the required measurements divided by the number of days during the month when the measurements were made. The only exception is flow rate which shall be divided by the total number of days of each month. The yearly average flow shall be the summation of monthly average flows divided by 12.
- b. A grab sample is an individual sample collected in less than 15 minutes. A composite sample means a combination of individual samples obtained at hourly or smaller intervals over an 8-hour period.
- c. The accumulated nitrogen load per year is the sum of the monthly nitrogen loads within the year. The monthly nitrogen load is the product of the monthly average nitrogen concentration measured in the effluent and the monthly average wastewater flow with appropriate conversion factors.

II. GENERAL CONDITIONS

5. Analysis Methods

The methods used for analyzing the water sample shall conform to the test procedures specified in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, latest edition, or as identified in "Guidelines Establishing Test Procedures for the Analysis of Pollutants" (40 CFR 136), and published in the Federal Register, Volume 51, No. 125, Monday, June 30, 1986 or as amended.

6. Monitoring Equipment Maintenance

The Permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation to ensure accuracy of measurements.

7. Data Recording Requirements

For each measurement or sample taken pursuant to the requirements of this permit, the Permittee shall record the following information:

- a. the exact place, date, and time of sampling;
- b. the person(s) who performed the sampling or measurement;
- c. the dates the analyses were performed;
- d. the person(s) who performed the analyses;
- e. the analytical techniques or methods used; and
- f. the results of all required analyses.

8. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed, calibration and maintenance of instrumentation, and original recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years. This period may be extended during the course of litigation, or when so requested by the Department.

II. GENERAL CONDITIONSB. Management Requirements

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of a pollutant not identified in this permit or in the application submitted for this permit, including any formally submitted application revisions that are not authorized, applied for or specifically identified in this permit, shall constitute a violation of the terms and conditions of this permit. Any anticipated facility expansion, production increases, or process modifications which will result in new, different, or increased discharge of pollutants shall be reported by the Permittee by submission of a new application at least 180 days prior to the commencement of the changed discharge or, if such changes will not violate the effluent limitations specified in this permit, by notice to the Department. Following such notice, the permit may be modified by the Department to specify and limit any pollutants not previously limited.

2. Operational Restrictions

The operation of a waste treatment or disposal facility shall at no time create: (1) a direct discharge to surface waters of the State; (2) any standing or ponded water condition on adjacent properties; or (3) a persistent standing or ponded water condition on the Permittee's property, excluding actual storage lagoons.

3. Noncompliance Notification

- a. If, for any reason, the Permittee does not comply with or will be unable to comply with the special and general conditions of this permit, the Permittee shall immediately notify the Department by telephone at (410) 537-3510 during work hours and at (866) 633-4686 during evenings, weekends and holidays and provide the Department with the following information in writing within five days of such notification:
 - i. a description of the noncompliance, including its impact upon the receiving ground or surface waters;
 - ii. cause of noncompliance;
 - iii. anticipated time the condition of noncompliance is expected to continue or if such condition has been corrected, the duration of the period of noncompliance;
 - iv. steps taken by the Permittee to reduce and eliminate the noncompliance discharge;
 - v. steps to be taken by the Permittee to prevent recurrence of the condition of noncompliance; and
 - vi. a description of the accelerated or additional monitoring by the Permittee to determine the nature and impact of the noncompliance.

II. GENERAL CONDITIONS

3. Noncompliance Notification, continued
 - b. In the case of any discharge subject to any toxic pollutant effluent standard under Section 307 (a) of the Clean Water Act of 1987, the Department shall be notified within 24 hours of the time the Permittee becomes aware of the noncomplying discharge. Notification shall include information as described in paragraph 3.a. above. If such notification is made orally, a written submission must follow within five days of the time the Permittee becomes aware of the noncomplying discharge.

4. Facility Operation and Quality Control

All waste collection, control, treatment, monitoring, and disposal facilities shall be maintained in good working order and operated at all times as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants.

5. Adverse Impact

The Permittee shall take all reasonable steps to minimize any adverse impact to the ground water quality resulting from noncompliance with any limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

6. Removed Substances

The Permittee shall comply with all existing State and federal laws and regulations that apply to sewage sludge monitoring requirements and utilization practices, and with any regulations promulgated pursuant to Environment Article, Section 9-230 *et seq.* The Permittee is responsible for ensuring that its sewage sludge is utilized in accordance with a valid sewage sludge utilization permit issued by the Department.

C. Responsibility

1. Right of Entry

The Permittee shall allow the Secretary of the Department, or authorized representatives, upon the presentation of credentials:

- a. to enter upon the Permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit;
- b. to have access to and to copy, at reasonable times, any records required to be kept under the terms and conditions of this permit;

II. GENERAL CONDITIONS

1. Right of Entry, continued

- c. to inspect, at reasonable times, any monitoring equipment or monitoring method required in this permit;
- d. to sample at reasonable times any discharge of pollutants;
- e. to inspect, at reasonable times, any collection, treatment, pollution management or discharge facilities required under this permit; or
- f. to drill and install observation wells for the purposes of obtaining samples of ground water.

2. Property Rights/Compliance with Other Requirements

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, State or local laws or regulations.

3. Availability of Reports

Except for data determined to be confidential under COMAR 26.08.04.01.F, all reports, plans, maps, or other specifications submitted for review shall be available for public inspection at the Department.

4. Transfer of Ownership or Control

This permit is not transferable to any person except after notice to the Department. The Department may require modification or revocation and reissuance of the permit to change the name of the Permittee and may incorporate other requirements as may be necessary. The written notice to the Department shall include at least the following information:

- a. the legal name, address and telephone number of the new owner or operator;
- b. a statement, signed by the new owner or operator, indicating that the new owner or operator has read, understands and accepts the terms and conditions of the existing permit; and
- c. the date that the new owner or operator took control or expects to take control of the facility. In the event that new ownership or control is expected in the future, the current Permittee and the anticipated new owner or operator both must sign the written notice to the Department.

II. GENERAL CONDITIONS

5. Reapplication for a Permit

At least 180 days before the expiration date of this permit, unless permission for a later date has been granted by the Department, the Permittee shall submit an application for renewal of the permit or notify the Department of the intent to cease discharging by the expiration date. In the event that a timely and sufficient reapplication has been submitted and the Department is unable, through no fault of the Permittee, to issue a new permit before the expiration date of this permit, the terms and conditions of this permit are automatically continued and remain fully effective and enforceable.

6. Permit Modification

A permit may be modified by the Department upon the written request of the permittee and after notice and opportunity for a public hearing in accordance with the provisions set forth in COMAR 26.08.04.10.

7. Permit Modification, Suspension, or Revocation

A permit may be modified, suspended, or revoked by the Department in the event of a violation of the terms or conditions of the permit, or federal or State laws and regulations and in accordance with the procedures set forth in COMAR 26.08.04.10. This permit may be suspended or revoked upon a final, unreviewable determination that the permittee lacks, or is in violation of, any federal, state, or local approval necessary to conduct the activities authorized by this permit.

8. Permit Expiration

This permit and the authorization to discharge shall expire at midnight on the expiration date of the permit unless the permittee has submitted a timely and complete reapplication pursuant to Section II.C.5.

9. Civil and Criminal Liability

Environment Article, Sections 9-342 and 9-343 provide that any person who violates a permit condition implementing Environment Article, Section 9-322 et seq. is subject to a civil penalty in an amount not to exceed \$ 10,000 per day for such violation; and to criminal penalties of a \$25,000 fine or imprisonment not exceeding one year or both for a first offense, and a \$50,000 fine or imprisonment not exceeding two years or both for subsequent offense.

10. Waterway Construction and Obstruction

This permit does not authorize the construction or placing of physical structures, facilities, debris, or the undertaking of related activities in any waters of the State including the 100-year flood plain.

II. GENERAL CONDITIONS

11. Severability

If any provision of this permit shall be held invalid for any reason, the remaining provisions shall remain in full force and effect, and such invalid provisions shall be considered severed and deleted from this permit.

12. Nuisance and Odor Restrictions

The facility shall be operated at all times to prevent offensive odors from escaping the facility boundaries and to prevent the facility from becoming a public nuisance. In the event that prolonged or excessive odors are noted outside of the established field buffer zones, the Permittee shall take actions necessary to remedy the problem.

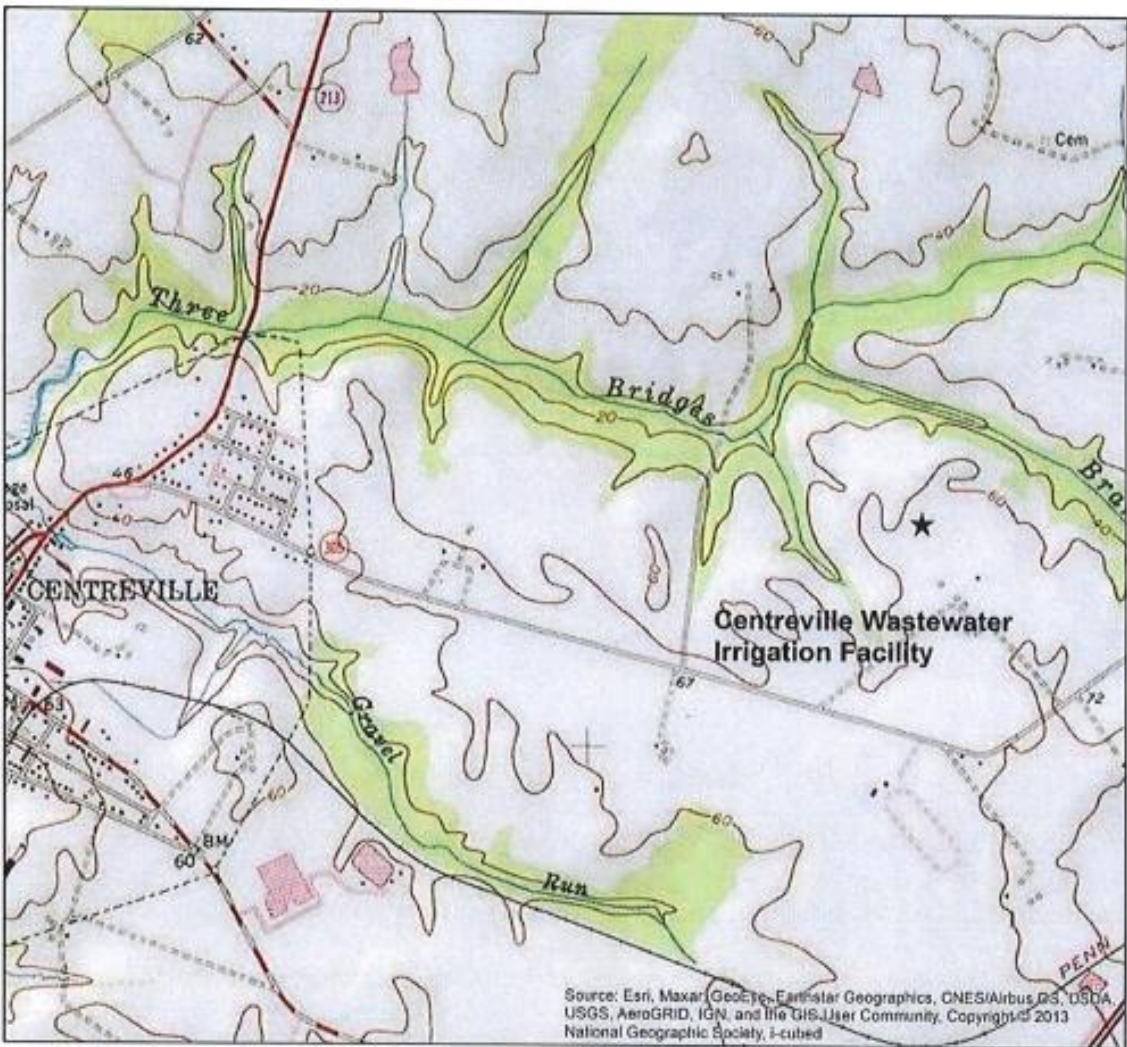
13. Action on Violations

The issuance or reissuance of this permit does not constitute a decision by the State not to proceed in any administrative, civil or criminal action for any violations of State law or regulations occurring prior to the issuance or reissuance of this permit, nor a waiver of the State's right to do so.



Heather M. Barthel (Dec 16, 2021 10:53 EST)

D. Lee Currey, Director
Water and Science Administration



Source: Esri, Maxar (GeoEye), Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Copyright © 2013 National Geographic Society, i-cubed



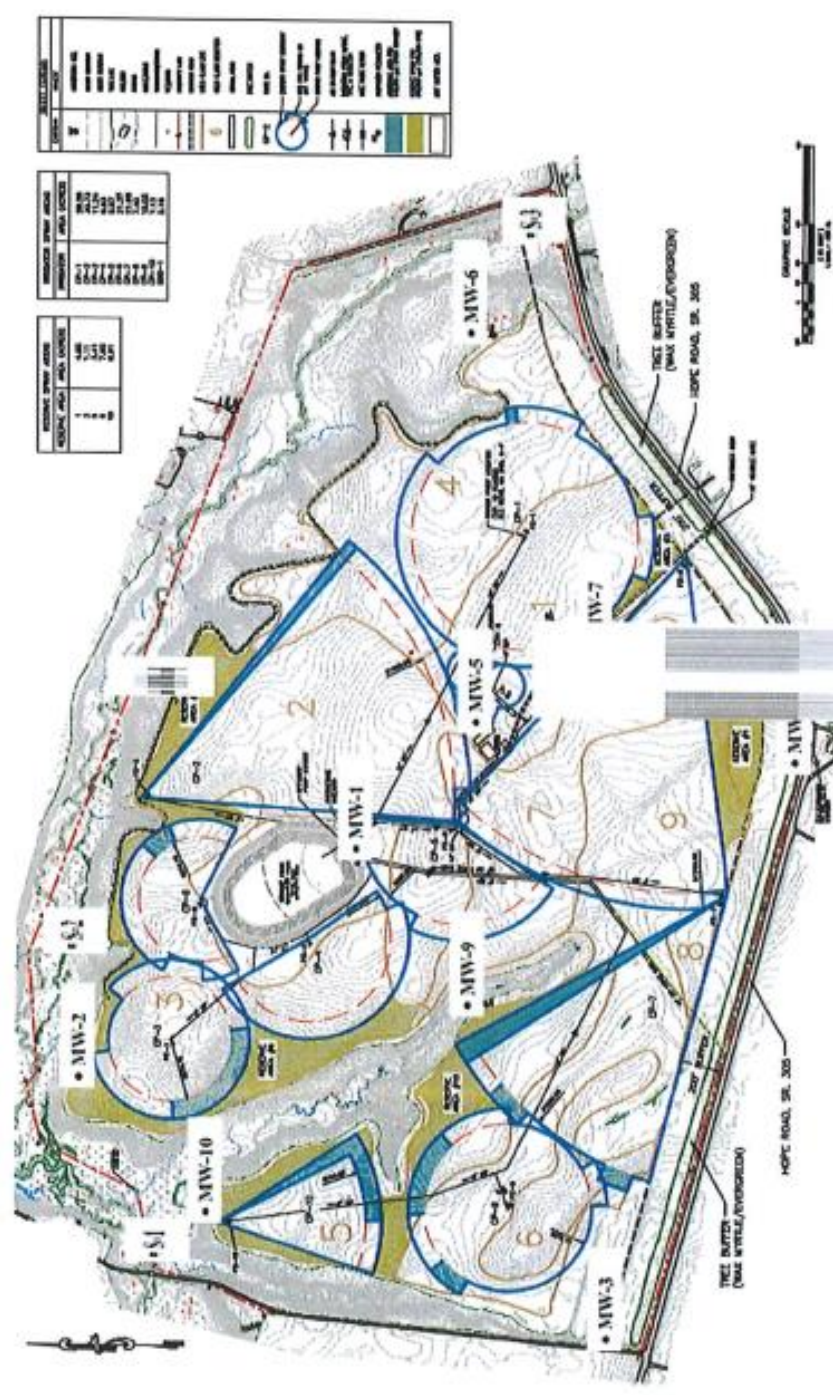
Maryland
Department of
the Environment



1:24,000

Map A. Site Map Centreville Wastewater Irrigation Facility





MAP B. LOCATIONS OF CENTRE
SPRAY IRRIGATION FIELDS

NAME
ADDRESS
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE EXAMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0094

PERMIT NUMBER _____ DISCHARGE NUMBER _____

MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY

Check here if No Discharge
NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS			
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT								
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	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 I CERTIFY UNDER PENALTY OF LAW THAT THE DATA AND ANALYTICAL INFORMATION ON THIS REPORT WAS OBTAINED BY ME OR UNDER MY SUPERVISION IN ACCORDANCE WITH FEDERAL REGULATIONS AND THE STATE STATUTES AND ORDINANCES GOVERNING THE DISCHARGE OF POLLUTANTS INTO RECEIVING WATERS. I AM AWARE THAT THESE ARE SIGNIFICANT PENALTIES FOR KNOWING VIOLATIONS.

IDENTIFY UNDER PENALTY OF LAW THAT THE DATA AND ANALYTICAL INFORMATION ON THIS REPORT WAS OBTAINED BY ME OR UNDER MY SUPERVISION IN ACCORDANCE WITH FEDERAL REGULATIONS AND THE STATE STATUTES AND ORDINANCES GOVERNING THE DISCHARGE OF POLLUTANTS INTO RECEIVING WATERS. I AM AWARE THAT THESE ARE SIGNIFICANT PENALTIES FOR KNOWING VIOLATIONS.

TYPED OR PRINTED
 COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT _____

AREA CODE _____ TELEPHONE NUMBER _____ DATE _____

YEAR _____ MO _____ DAY _____

Paperwork Reduction Act Notice

Public Reporting Burden for this collection information is estimated to vary from a range of 10 hours as an average per response for some minor facilities, to 110 hours as an average per response for some major facilities, with a weighted average for major and minor facilities of 18 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to ICR Coordinator, Office of Wastewater Management (MC4201M), US Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

General Instructions

1. If form has been partially completed by preprinting, disregard instructions directed at entry of that information already preprinted.
2. Enter "Permittee Name/Mailing Address (and facility name/location, if different)," "Permit Number," and "Discharge Number" where indicated. (A separate form is required for each discharge.)
3. Enter dates beginning and ending "Monitoring Period" covered by form where indicated.
4. Enter each "Parameter" as specified in monitoring requirements of permit.
5. Enter "Sample Measurement" data for each parameter under "Quantity" and "Quality" in units specified in permit.
6. Enter "Permit Requirement" for each parameter under "Quantity" and "Quality" as specified in permit.
7. Under "No Ex" enter number of sample measurements during monitoring period that exceed maximum (and/or minimum or 7-day average as appropriate) permit requirement for each parameter. If none, enter "0".
8. Enter "Frequency of Analysis" both as "Sample Measurement" (actual sample type used during monitoring period) and as "Permit Requirement," specified in permit. (e.g., Enter "Cont," for continuous monitoring, "1/7" for one day per week, "1/30" for one day per month, "1/90" for one day per quarter, etc.)
9. Enter "Sample Type" both as "Sample Measurement" (actual sample type used during monitoring period) and as "Permit Requirement," (e.g., Enter "Grab" for individual sample, "24HC" for 24-hour composite, "MA" for continuous monitoring, etc.)
10. Where violations of permit requirements are reported, attach a brief explanation to describe cause and corrective actions taken, and reference each violation by date.
11. If "no discharge" occurs during monitoring period, enter "No Discharge" across form in place of data entry.
12. Enter "Name/Title of Principal Executive Officer" with "Signature of Principal Executive Officer of Authorized Agent," "Telephone Number," and "Date" at bottom of form.
13. Mail signed Report to Office(s) by date(s) specified in permit. Retain copy for your records.
14. More detailed Instructions for use of this *Discharge Monitoring Report (DMR)* form may be obtained from Office(s) specified in permit.

Legal Notice

This report is required by law (33 U.S.C. 1318; 40 C.F.R. 125.27). Failure to report or failure to report truthfully can result in civil penalties not to exceed \$ 10,000 per day of violation; or in criminal penalties not to exceed \$25,000 per day of violation, or by imprisonment for not more than one year, or by both.

WELL NAME ADDRESS (include Facility Name, Location & Direction)

GROUNDWATER MONITORING WELL REPORT (GWMR)

Submit January 28th of each year

Form GW-02-2005

Page 1

ESS:

PERMIT NUMBER

MAILING ZIP CODE:
State Permit Number

CITY:

Monitoring Wells ONLY

LOCATION:

MONITORING PERIOD						
MO	DD	YYYY	TO	MO	DD	YYYY

No Discharge

Monitoring Well No.	Sampling Date	pH (SU) (00400)	TDS (mg/l) (70296)	Chloride (mg/l) (46225)	Total Nitrogen (mg/l) (00660)	Nitrate (mg/l) (00615)	Nitrate (mg/l) (00620)	TKN (mg/l) (00625)	PO4 (mg/l) (00650)	Fecal Coliform (MPN/100ml) (74055)	Frequency of Analysis
		PERMIT REQ	PERMIT REQ	PERMIT REQ	PERMIT REQ	PERMIT REQ	PERMIT REQ	PERMIT REQ	PERMIT REQ	PERMIT REQ	PERMIT REQ

TITLE PRINCIPAL EXECUTIVE OFFICER

I certify under penalty of law that I am a duly licensed and duly bonded Professional Engineer in the State of Michigan. I have prepared the drawings, specifications, and reports included herein, and I am a duly licensed and duly bonded Professional Engineer in the State of Michigan. I have not prepared the drawings, specifications, and reports included herein in violation of any applicable laws, rules, or regulations of the Board of Engineers and Architects of the State of Michigan. I have not prepared the drawings, specifications, and reports included herein in violation of any applicable laws, rules, or regulations of the Board of Engineers and Architects of the State of Michigan.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE
AREA CODE NUMBER	MO Day Year

PRINTED OR TYPED

NOTES AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Appendix B

Sample Lease Agreement

LEASE AGREEMENT

THIS LEASE, made this ____ day of _____, 2024, by and between THE TOWN COUNCIL OF CENTREVILLE, a municipal corporation organized under the laws of the State of Maryland hereinafter called Lessor; and (Name) _____, (Address) _____, hereinafter called "Lessee";

WITNESSETH, that for and in consideration of the covenants herein to be performed on the part of the Lessee, the Lessor does hereby lease unto the Lessee the following described real estate, to wit:

All that part of the "Centreville Water Reuse Farm" situated and located at 751 Hope Road, Centreville MD, Queen Anne's County, State of Maryland, being all that part of said "Centreville Water Reuse Farm" that is presently under cultivation and consisting of 200 acres of land, more or less. TO HAVE AND TO HOLD the said described land unto the Lessee from _____, 20, to _____, 20.

YIELDING AND PAYING AS RENT THEREFORE the sum of \$ _____ per acre, per annum, for the total of \$ _____ per annum for the 200 acres, said rent to be due and payable in two equal semi-annual installments, one installment of one-half ($\frac{1}{2}$) the annual rent or \$ _____ due and payable on the first day of April of each year, and one installment of one-half ($\frac{1}{2}$) the annual rent or \$ _____ due and payable on the first day of October of each year. Semi-annual payments shall commence _____, 20. Any unpaid installment will be subject to a 3% penalty for each month the balance remains outstanding.

IN ADDITION, if during the term of this lease, the Lessee by legislation is compelled to retire any of the herein rented land from tillage, then the Lessor shall reduce the total rent by a percentage equal to one-half ($\frac{1}{2}$) of the amount of the compulsory reduction in acreage expressed as a percentage. (For example, if Lessee is compelled to retire planted acreage by 20%, the Lessor shall reduce the rent by 10%). No reduction will be allowed for any voluntary retirement of planted acres.

AND the Lessor and Lessee do mutually covenant and agree to the following terms and conditions:

1. Main objective of the "Centreville Water Reuse Farm" is to discharge treated wastewater effluent.
2. That the Lessee shall promptly pay the rent at the times herein set forth. This lease shall terminate after one year with the option of a two-year extension remaining in the original three year extension to expire December 31, 2026.
3. That in the event of the sale of the entirety or any part of the herein demised lands, this lease, at the option of the Lessor, may be terminated at the end of the calendar year in which the sale is consummated.
4. The Lessee shall only have the right under this Lease to farm the tillable lands, and unless they receive written consent of the Lessor, shall have no other rights including, but not limited to the use of any buildings, utilities, the right to hunt or trap, the right to alter or remove any hedgerows or fencing, or to maintain any cattle or livestock.
5. Lessor reserves the right to use said demised land for hunting or any other purpose that does not interfere with the normal and customary farm operation of the Lessee.
6. Lessee shall have no right to assign or sublease any of their rights under this lease, without the written consent of Lessor.
7. Lessee shall conduct all farming operations on the demised premises in a normal, customary, farm like manner, and shall maintain the demised lands in a state of cultivation including weed control. Ditching of agricultural lands shall not be allowed without the consent of the Lessor and at no time shall ditch leads extend into any buffer strips.
8. Lessor shall at the commencement of this lease obtain a complete soil test of the demised premises, and Lessee agrees that the termination of this lease, the soil shall meet or exceed all the original values of said test, and in the event it does not, the Lessee shall restore said soil to its original condition or pay the Lessor the cost of having it restored.
9. That the Lessor, in the event of any default in the payment of rent or any other covenant of this lease by the Lessees, shall have the immediate right to terminate this Lease and to enter and repossess said premises.

10. The Lessor may reduce the number of rental acres during the term of this lease and, if so, shall reimburse Lessee for crops planted on the acres removed from cultivation based upon the average yield per acre of similar ground leased hereunder and planted in the same crop.
11. Lessee shall indemnify and hold Lessor harmless for any claim, demand, charge, liability or cause of action arising from Lessee's actions under this lease, including reimbursement of attorney's fees incurred by Lessor in the defense of such claim, demand or cause of action.
12. Lessee shall plant 100% of the tillable acreage in a cover crop (wheat, barley, oats, etc.) and it shall be the Lessee's responsibility to fund the planting of the cover crop.
13. Lessee shall not, under any circumstances, apply chicken manure to the demised premises or do anything else in contravention of the Lessor's Maryland Department of the Environment Discharge Permit #20-DP-3323.
14. Lessee must complete a Nutrient Management Plan, at Lessee's expense, and provide a copy of this Plan to the Town of Centreville by January 10th of each year the lease is in effect.
15. The tillable acreage must be sub-soiled annually.
16. Any damage occurring to the CRP/CREP strips that is caused by the Lessee shall be the Lessee's responsibility.

THIS LEASE shall bind and incur to the benefit of the parties hereto, their heirs or personal representatives.

WITNESS WHEREOF, the parties have signed this Lease the day and year first above written.

ATTEST:

THE TOWN OF CENTREVILLE

By: Carolyn M. Brinkley, Town Manager

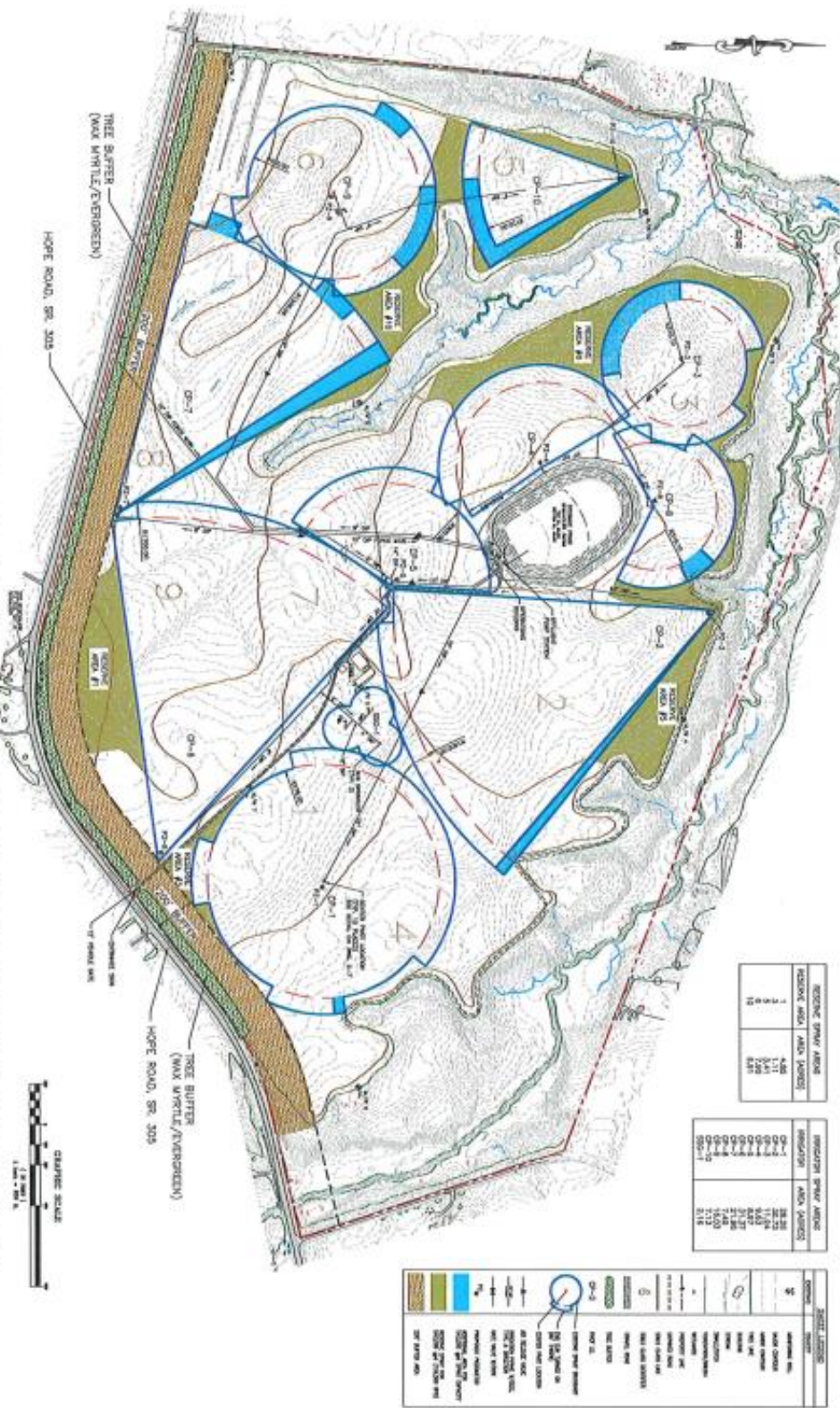
WITNESS:

By: _____, Lessee

Appendix C

Farm Map Spray Irrigation Boundaries

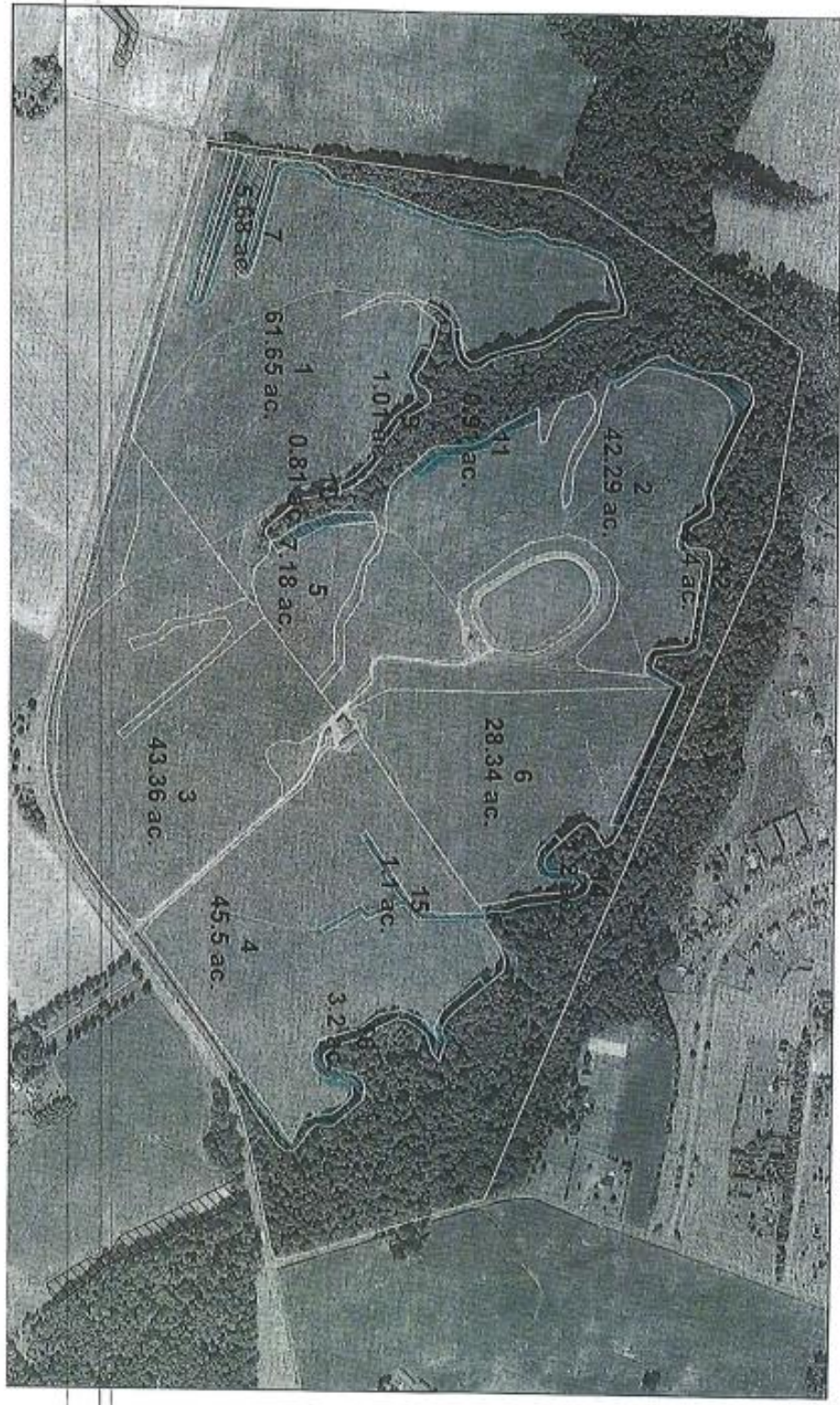
MAP B. LOCATIONS OF CENTREVILLE SPRAY IRRIGATION FIELDS



Appendix D

Farm Map CREP Boundaries

USDA
United States Department of Agriculture
Farm Service Agency (Queen Anne's County)



Program Year 2013
Not To Scale