

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
MISSOURI CLEAN WATER COMMISSION



CONSTRUCTION PERMIT

The Missouri Department of Natural Resources hereby issues a permit to:

Sarah Hoffmann
Green Dirt Farm WWTF
19935 Mt Bethel Road
Weston, MO 64098

for the construction of (described facilities):

See attached.

Permit Conditions:

See attached.

Construction of such proposed facilities shall be in accordance with the provisions of the Missouri Clean Water Law, Chapter 644, RSMo, and regulation promulgated thereunder, or this permit may be revoked by the Department of Natural Resources (Department).

As the Department does not examine structural features of design or the efficiency of mechanical equipment, the issuance of this permit does not include approval of these features.

A representative of the Department may inspect the work covered by this permit during construction. Issuance of a permit to operate by the Department will be contingent on the work substantially adhering to the approved plans and specifications.

This permit applies only to the construction of water pollution control components; it does not apply to other environmentally regulated areas.

April 30, 2021
Effective Date


Edward B. Galbraith, Director, Division of Environmental Quality

April 29, 2023
Expiration Date


Chris Wieberg, Director, Water Protection Program

CONSTRUCTION PERMIT

I. CONSTRUCTION DESCRIPTION

Green Dirt Farm WWTF is located in the vicinity of the intersection of Mt Bethel Rd, Dye Store Rd and Hwy 45 in the City of Weston in Platte County, Missouri. The facility will be a no-discharge single-cell earthen lagoon with subsurface drip irrigation system to serve a farm that raises sheep and processes sheep milk into cheese. The proposed earthen basin lagoon is located northeast of the cheese factory site. The depth from the top of the berms to the lagoon floor will be 6 ft., 2 ft. will serve as sludge storage and clay liner depth, and 2 ft. of freeboard including 1 foot above the emergency spillway provides an operating depth of 2 ft. The lagoon will have internal dimensions of 87 ft. x 87 ft. at the top berm level. The available capacity of the lagoon between the maximum operating level, 2 ft. below berm level, and 2 ft. above the floor level will be 71,763 gallons. The facility will operate 5 days per week for 12 months per year. The design flow from the cheese processing is 600 gpd. The available capacity of the lagoon of 71,763 gallons will provide over 120 days of storage for the wastewater influent from the cheese factory.

A manhole followed by a cleanout prior to the lagoon entrance will be installed. Additional cleanouts will be installed every 300 ft. along the 4 inch gravity sewer pipe. Sludge will be accumulated in the lagoon and will be pumped and hauled to a proper location as needed. The facility will continue to use two existing septic tanks which are located close to the northeast side of the cheese processing site. The current existing absorption field and waterloo biofilters will be abandoned.

The land application area is approximately 0.26 acres and will be used as a drip irrigation field. The field will be fenced completely and no grazing animals will be allowed inside this field. The land application area is located at the southwest side of the proposed lagoon. The application land will be irrigated by using subsurface drip irrigation system. The subsurface application rate is 0.25 gpd/ft².

This project will also include general site work appropriate to the scope and purpose of the project and all necessary appurtenances to make a complete and usable wastewater treatment facility.

II. COST ANALYSIS FOR

Pursuant to Section 644.145, RSMo, when issuing permits under this chapter that incorporate a new requirement for discharges from publicly owned combined or separate sanitary or storm sewer systems or publicly owned treatment works, or when enforcing provisions of this chapter or the Federal Water Pollution Control Act, 33 U.S.C. 1251 et seq., pertaining to any portion of a publicly owned combined or separate sanitary or storm sewer system or [publicly owned] treatment works, the Department of Natural Resources shall make a “finding of affordability” on the costs to be incurred and the impact of any rate changes on ratepayers upon which to base such permits and decisions, to the extent allowable under this chapter and the Federal Water Pollution Control Act.

This process is completed through a cost analysis for compliance. Permits that do not include new requirements may be deemed affordable.

The Department is not required to complete a cost analysis for compliance because the facility is not a combined or separate sanitary sewer system for a publically-owned treatment works.

III. CONSTRUCTION PERMIT CONDITIONS

The permittee is authorized to construct subject to the following conditions:

1. This construction permit does not authorize discharge.
2. All construction shall be consistent with plans and specifications signed and sealed by Dennis Sievers, The Sewage Doctor, LLC and as described in this permit.
3. The Department must be contacted in writing prior to making any changes to the plans and specifications that would directly or indirectly have an impact on the capacity, flow, system layout, or reliability of the proposed wastewater treatment facilities or any design parameter that is addressed by 10 CSR 20-8, in accordance with 10 CSR 20-8.110(11).
4. State and federal law does not permit bypassing of raw wastewater, therefore steps must be taken to ensure that raw wastewater does not discharge during construction. If a sanitary sewer overflow or bypass occurs, report the appropriate information to the Department's Kansas Regional Office per 10 CSR 20-7.015(9) (G).
5. The lagoon shall be located at least two hundred feet (200') from any dwelling or establishment.
6. The lagoon shall be located above the twenty-five (25)-year flood level.
7. The wastewater facility structures, electrical equipment, and mechanical equipment shall be protected from physical damage by not less than the one hundred- (100-) year flood elevation per 10 CSR 20-8.140(2)(B). The minimum distance between wastewater treatment facilities and all potable water sources shall be at least three hundred feet (300') per 10 CSR 20-8.140(2) (C) 1.
8. In addition to the requirements for a construction permit, 10 CSR 20-6.200 requires land disturbance activities of 1 acre or more to obtain a Missouri state operating permit to discharge stormwater. The permit requires best management practices sufficient to control runoff and sedimentation to protect waters of the state. Land disturbance permits will only be obtained by means of the Department's ePermitting system available online at dnr.mo.gov/env/wpp/epermit/help.htm. See dnr.mo.gov/env/wpp/stormwater/sw-land-disturb-permits.htm for more information.

9. A United States Army Corps of Engineers (USACE) Clean Water Act Section 404 Department of the Army permit and a Section 401 Water Quality Certification issued by the Department may be required for the activities described in this permit. This permit is not valid until these requirements are satisfied or notification is provided that no Section 404 permit is required by the USACE. You must contact your local USACE district since they determine what waters are jurisdictional and which permitting requirements may apply. You may call the Department's Water Protection Program, Operating Permits Section at 573-522-4502 for more information. See dnr.mo.gov/env/wpp/401/ for more information.
10. All construction must adhere to applicable 10 CSR 20-8 (Chapter 8) requirements listed below.
 - Lagoon berms shall be constructed of relatively impervious material and compacted to at least ninety-five percent (95%) maximum dry density test method to form a stable structure. 10 CSR 20-8.200(4)(A)1.
 - The minimum berm width shall be eight feet (8') to permit access of maintenance vehicles. 10 CSR 20-8.200 (4) (A) 2
 - The soil of the lagoon bottom shall be compacted with the moisture content between two percent (2%) below and four percent (4%) above the optimum water content and compacted to at least ninety-five percent (95%) maximum dry density test method. 10 CSR 20-8.200(4)(B)
 - Minimum freeboard shall be two feet (2'). 10 CSR 20-8.200 (4) (A) 3
 - An emergency spillway shall be provided that—
 - Prevents the overtopping and cutting of berms; 10 CSR 20-8.200(4)(A)4.A.
 - Is compacted and vegetated or otherwise constructed to prevent erosion; 10 CSR 20-8.200(4)(A)4.B. and
 - Has the ability for a representative sample to be collected, if discharging. 10 CSR 20-8.200(4)(A)4.C.
 - Synthetic seals thickness may vary due to liner material but the liner thickness shall be no less than two-hundredths inch (.02") or twenty (20) mil and be the appropriate material to perform under existing conditions. 10 CSR 20-8.200(4)(C)3.
 - Unlined corrugated metal pipe shall not be used for influent lines due to corrosion problems. 10 CSR 20-8.200 (4) (D) 1
 - A manhole shall be installed with its invert at least six inches (6") above the maximum operating level of the lagoon, prior to the entrance into the primary cell, and provide sufficient hydraulic head without surcharging the manhole. 10 CSR 20-8.200 (4) (D) 2.

- The influent line(s) shall be located along the bottom of the lagoon so that the top of the pipe is just below the average elevation of the lagoon seal; however, there shall be an adequate seal below the pipe. 10 CSR 20-8.200 (4) (D) 3.
- Subsurface systems shall—
 - Exclude unstabilized fill and soils that have been highly compacted and/or disturbed, such as old road beds, foundations, or similar things; 10 CSR 20-8.200 (7) (A) 1. A.
 - Provide adequate surface drainage where slopes are less than two percent (2%); 10 CSR 20-8.200 (7) (A) 1. B.
 - Provide surface and subsurface water diversion where necessary, such as a curtain or perimeter drain; 10 CSR 20-8.200 (7) (A) 1. C. and
 - Have a ten foot (10') buffer from the property line. 10 CSR 20-8.200 (7) (A) 1. D.
- The vertical separation between the bottom of the drip lines and/or the trench and a limiting layer, including but not limited to, bedrock; restrictive horizon; or seasonal high water table, shall be no less than:
 - Twenty-four inches (24"); 10 CSR 20-8.200 (7) (A) 2. A. or
 - Twelve inches (12") for systems dispersing secondary or higher quality effluent; 10 CSR 20-8.200 (7) (A) 2. B. or
 - Forty-eight inches (48") where karst features are present unless the site can be reclassified. 10 CSR 20-8.200 (7) (A) 2. C.
- Subsurface systems shall be, at a minimum, preceded by preliminary treatment. 10 CSR 20-8.200 (7) (B)
- Loading rates shall not exceed the values assigned by the site and soil evaluation. 10 CSR 20-8.200 (7) (C)
- All network piping and low pressure distribution piping and fittings with polyvinyl chloride (PVC) shall meet ASTM Standard D 1785 *Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, or 120* as approved and published August 1, 2015, or equivalent rated to meet or exceed ASTM D2466 *Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings* as approved and published August 1, 2017. These standards shall hereby be incorporated by reference into this rule, as published by ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959. This rule does not incorporate any subsequent amendments or additions. 10 CSR 20-8.200 (8) (A) 2.
- The orifice number and spacing shall be designed to provide a distribution of no more than six square feet per orifice with an orifice size of not less than one-eighth inch. 10 CSR 20-8.200 (8) (C) 1.
- The location and size of the drains and buffers must be factored into the total area required for the drip dispersal system. 10 CSR 20-8.200 (9) (A) 1.

- The drip dispersal lines shall be placed at a minimum depth of six inches (6") below the surface. 10 CSR 20-8.200 (9) (B) 1.
- Emitters and drip dispersal lines shall be placed at a minimum on a two foot (2') spacing to achieve even distribution of the wastewater and maximum utilization of the soil. 10 CSR 20-8.200 (9) (B) 2.
- At a minimum, treatment prior to irrigation shall provide performance equivalent to that obtained from a primary wastewater lagoon cell and include 120 days wastewater storage in addition to the primary volume. 10 CSR 20-8.200 (6) (C)
- There shall be no physical connections between a public or private potable water supply system and a sewer or appurtenance that would permit the passage of any wastewater or polluted water into the potable supply. 10 CSR 20-8.120 (5) (A)
- Sewers shall be laid at least fifty feet (50') in a horizontal direction from any existing or proposed public water supply well or other water supply sources or structures. Sewers must also comply with 10 CSR 23-3.010. 10 CSR 20-8.120 (5) (B)

11. Upon completion of construction:

- A. The owner of the Green Dirt Farm WWTF, Sarah Hoffmann, will become the continuing authority for operation and maintenance of these facilities;
- B. Submit an electronic copy of the as built's if the project was not constructed in accordance with previously submitted plans and specifications; and
- C. Submit the enclosed form Statement of Work Completed to the Department in accordance with 10 CSR 20-6.010(5) (N)) and submit a Form E - Application for General Permit and \$200 fee to the Engineering Section of the Water Protection Program 60 days prior to operation. Identify that the application is for General permit MO-G822.

IV. REVIEW SUMMARY

1. CONSTRUCTION PURPOSE

The new facility is to treat the wastewater from a sheep milk cheese factory by constructing an earthen basin lagoon and using a subsurface drip irrigation system through land application. The current site has Waterloo filters, two septic tanks, conventional rock and pipe trenches system that used to treat no-solid wastes from sheep milk processing. The facility plan identified the need to address failing trenches in an existing system. The facility is also planning to expand the production. The owner is planning to increase the milk processing capacity from 100 gpd to 200 gpd.

2. FACILITY DESCRIPTION

The new facility will process sheep milk into cheese and will operate daily. The Green Dirt Farm WWTF is located at 20365 Mt. Bethel Rd, in Weston City, Missouri. The facility has an average design flow of 600 gpd. It will be a no-discharge lagoon utilizing land application per MOG822 General Permit to serve sheep cheese processing.

The current onsite treatment system was designed to handle wastes from the milk parlor (200 gpd) and cheese factory (300 gpd). It includes two septic tanks, waterloo biofilters and an existing conventional rock and pipe trenches system which will all be abandoned except for the septic tanks after constructing the new lagoon and installing the new subsurface drip irrigation system. The subsurface field will be located at the southwest side of the proposed lagoon. Both existing 1,000 gallon septic tanks which are currently located to the northeast side of the office building's site will be connected with the proposed lagoon system through a 4 inch-SDR35 sewer gravity pipe.

The new 0.26 acres land application field will be used for pasture purposes near the proposed lagoon. The new subsurface application field will be a drip irrigation system. The wetted area will be fenced from all sides.

The lagoon has internal dimensions at top of berms of 87 ft. x 87 ft. and total depth of 6 ft. The new proposed basin lagoon will be fenced on all sides and will have a 5 ft. x 12 ft. main gate. The sludge will be stored at the proposed lagoon and will be hauled as needed.

3. COMPLIANCE PARAMETERS

The proposed project is required to meet the requirements of MOG822 with an expiration date of May 22, 2022. The facility will be required to monitor storage basin freeboard, daily precipitation, daily volume land applied, application area, and application rate. The facility should meet Table A, Table B, and Table C requirements in MOG822 permit.

4. REVIEW of MAJOR TREATMENT DESIGN CRITERIA

- Gravity Sewer Line – Approximately 778 lf of 4 inch PVC SDR 35 pipe will be installed to convey the wastewater from the cheese processing building to both- 1,000 gallons septic tanks then to discharge it to the proposed no-discharge lagoon.
- Cleanouts - Clean outs will be installed every 300 lf to maintain the sewer line in case of clogging. Only whey (i.e., no solid) will be allowed through the 4 in. PVC gravity pipe.
- Manholes - The facility will install at least one manhole of 48 inch with ribbed PVC with safety lid and a cleanout prior to the lagoon. The manhole shall be installed with

- its invert at least six inches (6") above the maximum operating level of the lagoon, prior to the entrance into the primary cell, and provide sufficient hydraulic head without surcharging the manhole.
- Grease Interceptor (Septic Tank) - Two existing grease septic tanks with an actual effective volume of 1,000 gallons will be utilized to intercept and collect grease from raw wastewater and prevent grease from clogging downstream components. The wastewater shall flow by gravity into the lagoon through 4 inch gravity sewer pipe.
 - Lagoon Cell – The earthen lagoon cell will be constructed and sealed with an artificial liner at the basin’s site. The berm width will be 8 ft. The basin will have 3:1 sloping walls, the depth from the top of the berms to the lagoon floor will be 6 ft., 2 ft. will serve as sludge storage depth, and 2 ft. of freeboard including 1 foot above emergency spillway provides an operating depth of 2 ft. with the lagoon internal dimensions of 87 ft. x 87 ft. The lagoon dimensions at 2 ft. below the berms level are 75 ft. x 75 ft., and 51 ft. x 51 ft. at the lagoon floor level. The total capacity of the lagoon between the berms level and 2 ft. above floor level will be 172,608 gallons. The available capacity of the lagoon between the maximum operating level, 2 ft. below berms level, and 2 ft. above the floor level will be 71,763 gallons.
 - The soil has excellent permeability at the lagoon site, so the lagoon seal will be an artificial liner (GEI WORKS, 45 mil RPE).
 - Lagoon should be fenced from all sides and will consist of 4 ft. woven wire with a main gate of 12 ft. x 5 ft.
 - BOD₅ loading is 2.5 lbs. BOD₅ per 1,000 gallons milk processed to cheese.
 - The total BOD₅ produced for cheese processing is 4.2 lbs. BOD₅/day, (200 gallons milk x 8.34 lbs. /gallon x 2.5 lbs. BOD₅/1,000 lbs. milk).
 - Wastewater flow from cheese processing will be 600 gpd, (3 x 200 gallons daily milk processed).
 - Land application area -
 - Drip irrigation field will be fenced from all sides. No grazing will be allowed inside this area.
 - The field will be used for a pasture vegetation.
 - Subsurface irrigation system -
 - Drip line will be Netafilm 0.61 gph with emitter for each 2 ft. spacing.
 - LTAR, long term acceptance rate, for drip irrigation is 0.25 gpd/ft², where the LTAR was evaluated from the soil evaluation.
 - Absorption area is 2,400 ft², (600 gpd (design flow)/0.25 gpd /ft² (LTAR)).
 - The length of the drip line will be 1,200 ft., (2,400 ft²/2 ft. spacing).
 - There are 600 emitters, (1,200 ft. /2 ft. (spacing)).
 - The flow from each emitter-Q_{drip} 6.1 gpm, (600 emitters x 0.61 gph/emitter /60 min/hr).
 - The flow of the flush-Q_{flush} is 4.2 gpm, (3 connections x 1.4 gpm/connection).

- Total design flow for subsurface irrigation system is 10.3 gpm, (6.1 gpm+4.2 gpm).
-
- 3 laterals each 400 ft. long – and made from 2-200 ft. loops
- Drip pump-Zoeller HH Turbine (5032-2007) or approved equal, ¾ hp, 10.3 gpm@152' TDH.
 - Irrigation will occur 12 months/year
 - The drip lines shall be flushed for 10 minutes every 6 months.
- Control panel : Zoeller Timed Dosing Simplex (10-0697, 230 amp or equal)
 - Pump ON time is 9.6 min, pump OFF time is 90 min.
 - Dose to field is 40 gallons.
 - Pump basin is 48 in diameter ribbed PVC with safety lid.
- Flood hazard Map- The proposed lagoon and wetted area is located in an area of minimal flood hazard.
- The new absorption field for milking barn shown in the site map in Appendix-A is not part of the construction, based on the consultant's email dated April 24, 2021.

5. OPERATING PERMIT

After completion of construction, submit the statement of work completed and as-builts if the project was not constructed in accordance with previously submitted plans and specifications. Ensure that a Form E - Application for General Permit and \$200 fee have been submitted 60 days prior to operation. This facility qualifies for coverage under General Permit MOG822.

V. NOTICE OF RIGHT TO APPEAL

If you were adversely affected by this decision, you may be entitled to an appeal before the Administrative Hearing Commission (AHC) pursuant to Section 621.250 RSMo. To appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC. Any appeal should be directed to:

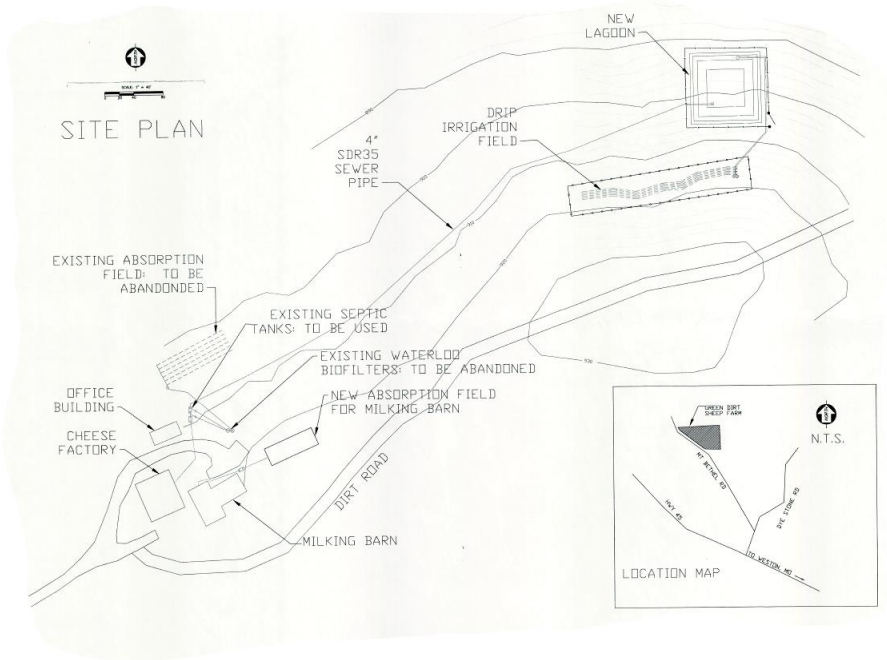
Administrative Hearing Commission
U.S. Post Office Building, Third Floor
131 West High Street, P.O. Box 1557
Jefferson City, MO 65102-1557
Phone: 573-751-2422
Fax: 573-751-5018
Website: <https://ahc.mo.gov>

Mohammed Mohammed
Engineering Section
Mohammed.Mohammed@dnr.mo.gov

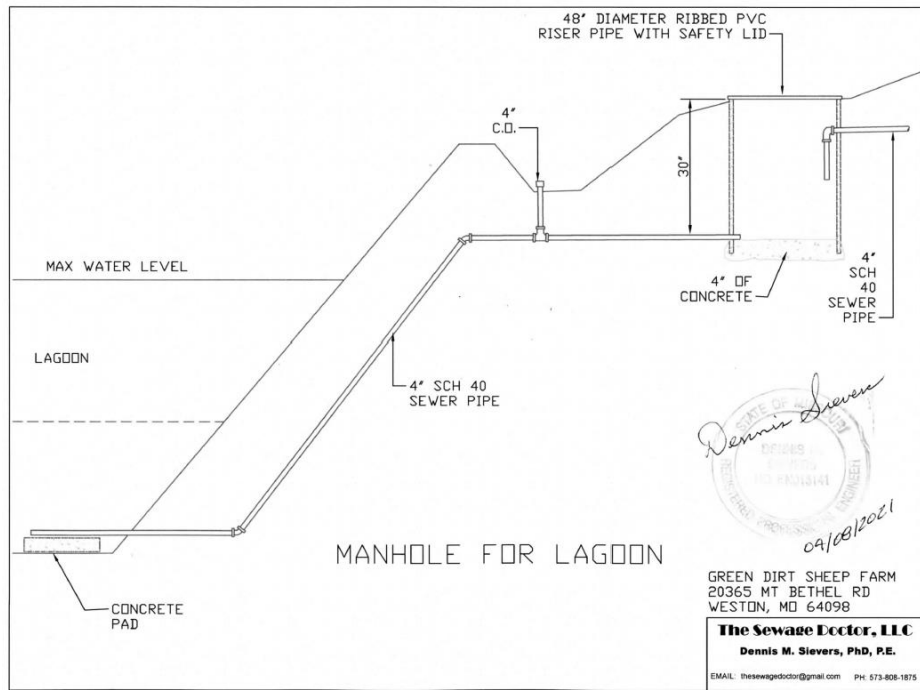
Cailie Carlile, P.E., Construction Permits Unit Chief
Engineering Section
Cailie.Carlile@dnr.mo.gov

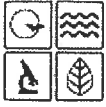
APPENDIX

A- Site layout



B- Lagoon profile with manhole installation





MISSOURI DEPARTMENT OF NATURAL RESOURCES
WATER PROTECTION PROGRAM

**APPLICATION FOR CONSTRUCTION PERMIT -
WASTEWATER TREATMENT FACILITY**

RECEIVED

MAR 08 2021

Water Protection Program

FOR DEPARTMENT USE ONLY	
APP NO.	CP NO.
FEE RECEIVED \$ 1000.00	CHECK NO. 10376
DATE RECEIVED 3-8-21	

JB

APPLICATION OVERVIEW

The Application for Construction Permit – Wastewater Treatment Facility form has been developed in a modular format and consists of Part A and B. **All applicants must complete Part A.** Part B should be completed for applicants who currently land-apply wastewater or propose land application for wastewater treatment. **Please read the accompanying instructions before completing this form. Submittal of an incomplete application may result in the application being returned.**

PART A – BASIC INFORMATION

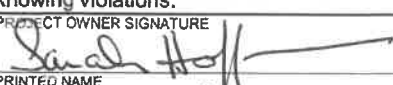
1.0 APPLICATION INFORMATION (Note – If any of the questions in this section are answered NO, this application may be considered incomplete and returned.)

- 1.1 Is this a Federal/State funded project? YES N/A Funding Agency: _____ Project #: _____
- 1.2 Has the Missouri Department of Natural Resources approved the proposed project's antidegradation review?
 YES Date of Approval: _____ N/A
- 1.3 Has the department approved the proposed project's facility plan*?
 YES Date of Approval: _____ NO (If No, complete No. 1.4.)
- 1.4 [Complete only if answered No on No. 1.3.] Is a copy of the facility plan* for wastewater treatment facilities included with this application?
 YES NO Exempt because _____
- 1.5 Is a copy of the appropriate plans* and specifications* included with this application?
 YES Denote which form is submitted: Hard copy Electronic copy (See instructions.) NO
- 1.6 Is a summary of design* included with this application? YES NO
- 1.7 Has the appropriate operating permit application (A, B, or B2) been submitted to the department?
 YES Date of submittal: _____
 Enclosed is the appropriate operating permit application and fee submittal. Denote which form: A B B2
 N/A: However, in the event the department believes that my operating permit requires revision to permit limitation such as changing equivalent to secondary limits to secondary limits or adding total residual chlorine limits, please share a draft copy prior to public notice? YES NO
- 1.8 Is the facility currently under enforcement with the department or the Environmental Protection Agency? YES NO
- 1.9 Is the appropriate fee or JetPay confirmation included with this application? YES NO
See Section 7.0 \$1,000

* Must be affixed with a Missouri registered professional engineer's seal, signature and date.

2.0 PROJECT INFORMATION

2.1 NAME OF PROJECT Green Dirt Farm	2.2 ESTIMATED PROJECT CONSTRUCTION COST \$ \$50,000
2.3 PROJECT DESCRIPTION Wastewater from a sheep cheese making facility flows to a lagoon. The effluent from the lagoon is irrigated with subsurface drip system.	
2.4 SLUDGE HANDLING, USE AND DISPOSAL DESCRIPTION Sludge will accumulate in the lagoon and pumped and hauled to a proper disposal site when needed.	
2.5 DESIGN INFORMATION A. Current population: _____; Design population: 10 B. Actual Flow: 600 gpd; Design Average Flow: _____ gpd; Actual Peak Daily Flow: _____ gpd; Design Maximum Daily Flow: _____ gpd; Design Wet Weather Event: _____	
2.6 ADDITIONAL INFORMATION A. Is a topographic map attached? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>provided earlier also</i> B. Is a process flow diagram attached? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>provided earlier also</i>	

3.0 WASTEWATER TREATMENT FACILITY				
NAME Green Dirt Farm WWTF		TELEPHONE NUMBER WITH AREA CODE 816-210-4362		E-MAIL ADDRESS
ADDRESS (PHYSICAL) 20365 Mt. Bethel Rd		CITY Weston	STATE MO	ZIP CODE 64098
COUNTY Platte				
Wastewater Treatment Facility: Mo- (Outfall Of)				
3.1 Legal Description: <u> </u> ¼, N <u> </u> ¼, SE <u> </u> ¼, Sec. 28, T 54N, R 36W (Use additional pages if construction of more than one outfall is proposed.)				
3.2 UTM Coordinates Easting (X): <u>382832.9</u> Northing (Y): <u>-945930.4</u> For Universal Transverse Mercator (UTM), Zone 15 North referenced to North American Datum 1983 (NAD83)				
3.3 Name of receiving streams: <u>N/A</u>				
4.0 PROJECT OWNER				
NAME Sara Hoffman Sarah Hoffmann		TELEPHONE NUMBER WITH AREA CODE 816-210-4362		E-MAIL ADDRESS sarah@greendirtfarm.com
ADDRESS 20365 Bethel Rd 19935 Mt. Bethel Rd		CITY Weston	STATE MO	ZIP CODE 64098
5.0 CONTINUING AUTHORITY: A continuing authority is a company, business, entity or person(s) that will be operating the facility and/or ensuring compliance with the permit requirements.				
NAME Same as Owner		TELEPHONE NUMBER WITH AREA CODE		E-MAIL ADDRESS
ADDRESS		CITY	STATE	ZIP CODE
5.1 A letter from the continuing authority, if different than the owner, is included with this application. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A				
5.2 COMPLETE THE FOLLOWING IF THE CONTINUING AUTHORITY IS A MISSOURI PUBLIC SERVICE COMMISSION REGULATED ENTITY.				
A. Is a copy of the certificate of convenience and necessity included with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
5.3 COMPLETE THE FOLLOWING IF THE CONTINUING AUTHORITY IS A PROPERTY OWNERS ASSOCIATION.				
A. Is a copy of the as-filed restrictions and covenants included with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
B. Is a copy of the as-filed warranty deed, quitclaim deed or other legal instrument which transfers ownership of the land for the wastewater treatment facility to the association included with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
C. Is a copy of the as-filed legal instrument (typically the plat) that provides the association with valid easements for all sewers included with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
D. Is a copy of the Missouri Secretary of State's nonprofit corporation certificate included with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
6.0 ENGINEER				
ENGINEER NAME / COMPANY NAME Dennis Sievers		TELEPHONE NUMBER WITH AREA CODE 573-808-1875		E-MAIL ADDRESS thesewagedoctor@gmail.com
ADDRESS 1209 Stratford Dr		CITY Columbia	STATE MO	ZIP CODE 65203
7.0 APPLICATION FEE				
<input checked="" type="checkbox"/> CHECK NUMBER <u>10376</u> <input type="checkbox"/> JETPAY CONFIRMATION NUMBER				
8.0 PROJECT OWNER: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.				
PROJECT OWNER SIGNATURE 				
PRINTED NAME Sarah Hoffmann			DATE 3/3/2021	
TITLE OR CORPORATE POSITION Managing Director		TELEPHONE NUMBER WITH AREA CODE 816 210 4362		E-MAIL ADDRESS sarah@greendirtfarm.com
Mail completed copy to: MISSOURI DEPARTMENT OF NATURAL RESOURCES WATER PROTECTION PROGRAM P.O. BOX 176 JEFFERSON CITY, MO 65102-0176				
END OF PART A.				
REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHETHER PART B NEEDS TO BE COMPLETE.				