October 1, 2017

Re: Butler County, Hanover Township
Application No. 1MP00013*BM
Land Application Management Plan Permit for the Indian Ridge Golf Course
Plans Received March 14, 2017
From the Indian Ridge Master Homeowners Association

Issue Date: October 1, 2017
Effective Date: October 1, 2017
Expiration Date: September 30, 2022

Indian Ridge Master Homeowners Association
Attn: Mr. Andy Anderson, President
3897 Indian Ridge Woods Drive
Oxford, Ohio 45056

Ladies and Gentlemen:

The Ohio Environmental Protection Agency has reviewed the land application management plan submitted pursuant to Ohio Revised Code Section 6111.44 and rule 3745-42-13 of the Ohio Administrative Code. The plan is approved subject to the condition of compliance with all applicable laws, rules, regulations and all the conditions below and in Part I, Part II and/or Part III of this permit.

The entity shall perform the proposed land application in strict accordance with the conditions in this permit and with the method of operation outlined in the land application management plan submitted to the Ohio Environmental Protection Agency. Approval of the land application management plan does not constitute assurance that the proposed operation will be in compliance with all Ohio laws and regulations.

This permit is not an authorization for a discharging land application system. Pursuant to rule 3745-42-13 of the Ohio Administrative Code and rule 3744-42-02 of the Ohio Administrative Code, a discharging land application system requires a permit to discharge (NPDES permit) and a permit to install, in accordance with Chapter 6111 of the Ohio Revised Code. The applicant shall apply for an NPDES permit 180 days prior to operating a discharging land application system and a permit to install prior to installing the land application system.

Any unauthorized discharges to waters of the state must be reported to Ohio EPA (toll free) by calling 1-800-282-9378 within 2 hours of discovery. The director shall be notified in writing within seven days of any person discovering noncompliance with a land application management plan or an NPDES permit.

The applicant is required to submit a revised land application management plan application, if the Director of the Ohio EPA deems it necessary.
The director may add, delete, or change any conditions to a land application management plan permit to protect human health or the environment.

Any expansion of the operation or modification of the treatment works or the expansion or modification of any land application area must be approved by the Ohio EPA.

The director of the Ohio Environmental Protection Agency, or his authorized representative(s), may enter upon the premises of the land application system during its construction or its operation at any reasonable time for the purpose of making inspections, conducting tests, examining records, or reports pertaining to the installation, modification, or operation of the land application system.

Issuance of this permit does not relieve you of the duty of complying with all applicable federal, state, and local laws, ordinances, and regulations.

This permit shall expire at midnight on the expiration date shown above. In order to receive authorization to continue to land apply beyond the date of expiration, you shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration. The submitted information must also include the treatment plant effluent metal sampling results as detailed in Table K-5 of Ohio Administrative Code 3745-42-13.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00, made payable to "Ohio Treasurer Josh Mandel", which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
30 East Broad Street, 4th Floor
Columbus, Ohio 43215

Sincerely,

Craig W. Butler
Director

cc: Southwest District Office
   Butler County Health District
   Ron Ware, DSW, SWDO
Part I, A. - FINAL EFFlUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of the permit and lasting until the expiration date of this permit, the permittee shall monitor the wastewater treatment plant effluent in accordance with the following limitations and monitoring requirements from outfall 1MP00013601.

Table - Internal Monitoring Station - 601 - Final

<table>
<thead>
<tr>
<th>Effluent Characteristic</th>
<th>Discharge Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Concentration Specified Units</td>
<td>Loading* kg/day</td>
</tr>
<tr>
<td></td>
<td>Maximum Minimum Weekly Monthly Daily Weekly Monthly</td>
<td></td>
</tr>
<tr>
<td>00056 - Flow Rate - GPD</td>
<td>- - - - - -</td>
<td>1/Day 24hr Total Estimate</td>
</tr>
<tr>
<td>00400 - pH - S.U.</td>
<td>9.0 6.0 - - - -</td>
<td>1/Month Grab</td>
</tr>
<tr>
<td>00530 - Total Suspended Solids - mg/l</td>
<td>- - - 12 - - -</td>
<td>1/Month Grab</td>
</tr>
<tr>
<td>00552 - Oil and Grease, Hexane Extr Method - mg/l</td>
<td>10.0 - - - -</td>
<td>2/Year Grab</td>
</tr>
<tr>
<td>00640 - Nitrogen, Inorganic, Total - mg/l</td>
<td>- - - - - -</td>
<td>1/Month Grab</td>
</tr>
<tr>
<td>31616 - Fecal Coliform - #/100 ml</td>
<td>14 - - - - -</td>
<td>1/2 Weeks Grab</td>
</tr>
<tr>
<td>50042 - Area Sprayed, Acres - Acres</td>
<td>- - - - - When Disch.</td>
<td>24hr Total</td>
</tr>
<tr>
<td>50045 - Application Rate-Wastewater, Spray - inches/day</td>
<td>- - - - - When Disch.</td>
<td>24hr Total Estimate</td>
</tr>
<tr>
<td>50060 - Chlorine, Total Residual - mg/l</td>
<td>10 1.0 - - - -</td>
<td>1/2 Weeks Grab</td>
</tr>
<tr>
<td>80082 - CBOD 5 day - mg/l</td>
<td>- - - 10 - - -</td>
<td>1/Month Grab</td>
</tr>
<tr>
<td>82564 - Freeboard - feet</td>
<td>- - - - - -</td>
<td>1/2 Weeks Estimate</td>
</tr>
</tbody>
</table>

Notes for station 1MP00013601:

a. SAMPLING STATION - effluent samples shall be collected after wastewater treatment and prior to discharge into the treated sewage storage facility.
b. Fecal Coliform - must be below detection for a minimum of four out of seven consecutive samples.
c. Turbidity - See Part II, Item J.
d. Freeboard - Storage Pond remaining capacity.
Part I, B. - SLUDGE MONITORING REQUIREMENTS

1. Sludge Monitoring. During the period beginning on the effective date of the permit and lasting until the expiration date of the permit, the permittee shall monitor the treatment works' final sludge at Station Number 1MP00013588, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - Sludge Monitoring - 588 - Final

<table>
<thead>
<tr>
<th>Effluent Characteristic</th>
<th>Discharge Limitations</th>
<th>Monitoring Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Concentration Specified Units</td>
<td>Loading* kg/day</td>
</tr>
<tr>
<td>Parameter</td>
<td>Maximum Minimum Weekly Monthly Daily Weekly Monthly</td>
<td></td>
</tr>
<tr>
<td>70316 - Sludge Weight - Dry Tons</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

NOTES for Station Number 1MP00013588:

a. Monitoring is required when sewage sludge is removed from the permittee's facility for transfer to another NPDES permit holder. The total sludge weight or sludge volume transferred to another NPDES permit holder for the entire year shall be reported on the December Discharge Monitoring Report (DMR).

b. If no sewage sludge is removed from the Permittee's facility for transfer to another NPDES permit holder during the year, the eDMR users should select the "No Discharge" check box on the data entry form. PIN the eDMR.

c. Sludge weight is a calculated total for the year. To convert from gallons of liquid sewage sludge to dry tons of sewage sludge: dry tons = gallons x 8.34 (lbs/gallon) x 0.0005 (tons/lb) x decimal fraction total solids.

d. See Part II, Items M, N and O.
PART II, SPECIAL CONDITIONS

A. The Indian Ridge Master Homeowners Association shall be responsible for proper operation and maintenance of the treated sewage land application system.

B. Any person land applying treated sewage shall comply with the effluent and monitoring requirements in paragraph (K) of rule 3745-42-13 of the Administrative Code.

C. This permit applies to land application of treated sewage from the Indian Ridge Master Homeowners Association wastewater treatment plant, that has been designed to treat an average daily flow of 15,150 gallons per day.

D. Any new site proposed for land application shall be approved by the Director of Ohio EPA prior to the land application of treated sewage. A revised land application management plan, including the information specified in paragraphs (F), (M) and (N) of Rule 3745-42-13 of the Ohio Administrative Code for the new site, shall be submitted to the appropriate Ohio EPA district office, and a new LAMP approval received before the new site is used for land application of treated sewage.

E. Land application of treated sewage shall only occur at times identified in the approved land application management plan.

F. Treated sewage shall be land applied so as to minimize direct human contact, and the potential for creating aerosols and mist.

G. Signs shall be installed at the entrance to each land application area, to inform the public that the land is used for land application of treated sewage. At least one sign shall be posted at each area. Each sign shall include notification that:
   (1) All above ground sewage distribution pipes contain "Non-potable Water that is Not Suitable for Human Consumption"; and
   (2) If applicable, all nozzles distribute "Non-potable Water that is Not Suitable for Human Consumption".

H. The Ohio EPA shall be notified at least six months prior to the expiration date of any land application contract. Notification shall be sent to the Division of Surface Water, in the appropriate Ohio EPA district office.

I. Records shall be kept in accordance with the approved land application management plan and paragraph (O) of rule 3745-42-13 of the Ohio Administrative Code.
J. If Severity Units are required for Turbidity, use the following table to determine the value between 0 and 4 that is reported.

<table>
<thead>
<tr>
<th>REPORTED VALUE*</th>
<th>SEVERITY DESCRIPTION</th>
<th>TURBIDITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
<td>Clear</td>
</tr>
<tr>
<td>1</td>
<td>Mild</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Moderate</td>
<td>Light Solids</td>
</tr>
<tr>
<td>3</td>
<td>Serious</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Extreme</td>
<td>Heavy Solids</td>
</tr>
</tbody>
</table>

* Interpolate between the descriptive phrases.

K. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.

L. Operator Certification Requirements

1. Classification

a. In accordance with Ohio Administrative Code 3745-7-04, the sewage treatment facility at this facility shall be classified as a Class A facility.

2. Operator of Record

a. The permittee shall designate one or more operator of record to oversee the technical operation of the treatment works and sewerage (collection) system in accordance with paragraph (A)(2) of rule 3745-7-02 of the Ohio Administrative Code.

b. Each operator of record shall have a valid certification of a class equal to or greater than the classification of the treatment works as defined in Part II, Item A.1 of this LAMP permit.

c. Within three days of a change in an operator of record, the permittee shall notify the Director of the Ohio EPA of any such change on a form acceptable to Ohio EPA. The appropriate form can be found at the following website:


d. Within 60 days of the effective date of this permit, the permittee shall notify the Director of Ohio EPA of the operators of record on a form acceptable to Ohio EPA.
3. Minimum Staffing Requirements

a. The permittee shall ensure that the treatment works operator of record is physically present at the facility in accordance with the minimum staffing requirements per paragraph (C)(1) of rule 3745-7-04 of the Ohio Administrative Code or the requirements from an approved 3745-7-04(C) minimum staffing hour reduction plan.

b. Sewerage (collection) system Operators of Record are not required to meet minimum staffing requirements in paragraph (C)(1) of rule 3745-7-04 of the Ohio Administrative Code.

c. If Ohio EPA approves a reduction in minimum staffing requirements based upon a facility operating plan, any change in the criteria under which the operating plan was approved (such as enforcement status, history of noncompliance, or provisions included in the plan) will require that the treatment works immediately return to the minimum staffing requirements included in paragraph (C)(1) of rule 3745-7-04 of the Ohio Administrative Code.

M. All disposal, use, storage, or treatment of sewage sludge by the Permittee shall comply with Chapter 6111 of the Ohio Revised Code, Chapter 3745-40 of the Ohio Administrative Code and any further requirements specified in this LAMP permit, and any other actions of the Director that pertain to the disposal, use, storage, or treatment of sewage sludge by the Permittee.

N. No later than March 1 of each calendar year, the Permittee shall submit a report summarizing the sewage sludge disposal, use, storage, or treatment activities of the Permittee during the previous calendar year. The report shall be submitted through the Ohio EPA eBusiness Center, Division of Surface Water NPDES Permit Applications service.

O. Each day when sewage sludge is removed from the wastewater treatment plant for use or disposal, a representative sample of sewage sludge shall be collected and analyzed for percent total solids. This value of percent total solids shall be used to calculate the total Sewage Sludge Weight (Discharge Monitoring Report code 70316) and/or total Sewage Sludge Fee Weight (Discharge Monitoring Report code 51129) removed from the treatment plant on that day. The results of the daily monitoring, and the weight calculations, shall be maintained on site for a minimum of five years. The test methodology used shall be from Part 2540 G of Standard Methods for the Examination of Water and Wastewater American Public Health Association, American Water Works Association, and Water Environment Federation, using the edition which is current on the issuance date of the permit. To convert from gallons of liquid sewage sludge to dry tons of sewage sludge: dry tons = gallons x 8.34 (lbs/gallon) x 0.0005 (tons/lb) x decimal fraction total solids.
PART III - GENERAL CONDITIONS

1. DEFINITIONS

"Daily discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

"Average weekly" discharge limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week. Each of the following 7-day periods is defined as a calendar week: Week 1 is Days 1 - 7 of the month; Week 2 is Days 8 - 14; Week 3 is Days 15 - 21; and Week 4 is Days 22 - 28. If the "daily discharge" on days 29, 30 or 31 exceeds the "average weekly" discharge limitation, Ohio EPA may elect to evaluate the last 7 days of the month as Week 4 instead of Days 22 - 28. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"Average monthly" discharge limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. Compliance with fecal coliform bacteria or E coli bacteria limitations shall be determined using the geometric mean.

"85 percent removal" means the arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same times during the same period.

"Absolute Limitations" Compliance with limitations having descriptions of "shall not be less than," "nor greater than," "shall not exceed," "minimum," or "maximum" shall be determined from any single value for effluent samples and/or measurements collected.

"Net concentration" shall mean the difference between the concentration of a given substance in a sample taken of the discharge and the concentration of the same substances in a sample taken at the intake which supplies water to the given process. For the purpose of this definition, samples that are taken to determine the net concentration shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.
"Net Load" shall mean the difference between the load of a given substance as calculated from a sample taken of the discharge and the load of the same substance in a sample taken at the intake which supplies water to given process. For purposes of this definition, samples that are taken to determine the net loading shall always be 24-hour composite samples made up of at least six increments taken at regular intervals throughout the plant day.

"MGD" means million gallons per day.

"mg/l" means milligrams per liter.

"ug/l" means micrograms per liter.

"ng/l" means nanograms per liter.

"S.U." means standard pH unit.

"kg/day" means kilograms per day.

"Reporting Code" is a five digit number used by the Ohio EPA in processing reported data. The reporting code does not imply the type of analysis used nor the sampling techniques employed.

"Quarterly (1/Quarter) sampling frequency" means the sampling shall be done in the months of March, June, August, and December, unless specifically identified otherwise in the Effluent Limitations and Monitoring Requirements table.

"Yearly (1/Year) sampling frequency" means the sampling shall be done in the month of September, unless specifically identified otherwise in the effluent limitations and monitoring requirements table.

"Semi-annual (2/Year) sampling frequency" means the sampling shall be done during the months of June and December, unless specifically identified otherwise.

"Winter" shall be considered to be the period from November 1 through April 30.

"Bypass" means the intentional diversion of waste streams from any portion of the treatment facility.

"Summer" shall be considered to be the period from May 1 through October 31.

"Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

"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.
"Sewage sludge" means a solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works as defined in section 6111.01 of the Revised Code. "Sewage sludge" includes, but is not limited to, scum or solids removed in primary, secondary, or advanced wastewater treatment processes. "Sewage sludge" does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator, grit and screenings generated during preliminary treatment of domestic sewage in a treatment works, animal manure, residue generated during treatment of animal manure, or domestic septage.

"Sewage sludge weight" means the weight of sewage sludge, in dry U.S. tons, including admixtures such as liming materials or bulking agents. Monitoring frequencies for sewage sludge parameters are based on the reported sludge weight generated in a calendar year (use the most recent calendar year data when the NPDES permit is up for renewal).

"Sewage sludge fee weight" means the weight of sewage sludge, in dry U.S. tons, excluding admixtures such as liming materials or bulking agents. Annual sewage sludge fees, as per section 3745.11(Y) of the Ohio Revised Code, are based on the reported sludge fee weight for the most recent calendar year.

2. GENERAL EFFLUENT LIMITATIONS

The effluent shall, at all times, be free of substances:

A. In amounts that will settle to form putrescent, or otherwise objectionable, sludge deposits; or that will adversely affect aquatic life or water fowl;

B. Of an oily, greasy, or surface-active nature, and of other floating debris, in amounts that will form noticeable accumulations of scum, foam or sheen;

C. In amounts that will alter the natural color or odor of the receiving water to such degree as to create a nuisance;

D. In amounts that either singly or in combination with other substances are toxic to human, animal, or aquatic life;

E. In amounts that are conducive to the growth of aquatic weeds or algae to the extent that such growths become inimical to more desirable forms of aquatic life, or create conditions that are unsightly, or constitute a nuisance in any other fashion;

F. In amounts that will impair designated instream or downstream water uses.

3. FACILITY OPERATION AND QUALITY CONTROL

All wastewater treatment works shall be operated in a manner consistent with the following:

A. At all times, the permittee shall maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee necessary to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with conditions of the permit.

B. The permittee shall effectively monitor the operation and efficiency of treatment and control facilities and the quantity and quality of the treated discharge.

C. Maintenance of wastewater treatment works that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner approved by Ohio EPA as specified in the Paragraph in the PART III entitled, "UNAUTHORIZED DISCHARGES".
4. REPORTING

A. Monitoring data required by this permit shall be submitted monthly on Ohio EPA 4500 Discharge Monitoring Report (DMR) forms using the electronic DMR (e-DMR) internet application. e-DMR allows permitted facilities to enter, sign, and submit DMRs on the internet. e-DMR information is found on the following web page:

http://www.epa.ohio.gov/dsw/edmr/eDMR.aspx

Alternatively, if you are unable to use e-DMR due to a demonstrated hardship, monitoring data may be submitted on paper DMR forms provided by Ohio EPA. Monitoring data shall be typed on the forms. Please contact Ohio EPA, Division of Surface Water at (614) 644-2050 if you wish to receive paper DMR forms.

B. DMRs shall be signed by a facility's Responsible Official or a Delegated Responsible Official (i.e. a person delegated by the Responsible Official). The Responsible Official of a facility is defined as:

1. For corporations - a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or the manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions which govern the operation of the regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

2. For partnerships - a general partner;

3. For a sole proprietorship - the proprietor; or,

4. For a municipality, state or other public facility - a principal executive officer, a ranking elected official or other duly authorized employee.

For e-DMR, the person signing and submitting the DMR will need to obtain an eBusiness Center account and Personal Identification Number (PIN). Additionally, Delegated Responsible Officials must be delegated by the Responsible Official, either on-line using the eBusiness Center's delegation function, or on a paper delegation form provided by Ohio EPA. For more information on the PIN and delegation processes, please view the following web page:

http://epa.ohio.gov/dsw/edmr/eDMR.aspx

C. DMRs submitted using e-DMR shall be submitted to Ohio EPA by the 20th day of the month following the month-of-interest. DMRs submitted on paper must include the original signed DMR form and shall be mailed to Ohio EPA at the following address so that they are received no later than the 15th day of the month following the month-of-interest:

Ohio Environmental Protection Agency
Lazarus Government Center
Division of Surface Water - PCU
P.O. Box 1049
Columbus, Ohio 43216-1049
D. If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in Section 5. SAMPLING AND ANALYTICAL METHODS, the results of such monitoring shall be included in the calculation and reporting of the values required in the reports specified above.

E. Analyses of pollutants not required by this permit, except as noted in the preceding paragraph, shall not be reported to the Ohio EPA, but records shall be retained as specified in Section 7. RECORDS RETENTION.

5. SAMPLING AND ANALYTICAL METHOD

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored flow. Test procedures for the analysis of pollutants shall conform to regulation 40 CFR 136, "Test Procedures For The Analysis of Pollutants" unless other test procedures have been specified in this permit. The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

6. RECORDING OF RESULTS

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

A. The exact place and date of sampling; (time of sampling not required on EPA 4500)

B. The person(s) who performed the sampling or measurements;

C. The date the analyses were performed on those samples;

D. The person(s) who performed the analyses;

E. The analytical techniques or methods used; and

F. The results of all analyses and measurements.

7. RECORDS RETENTION

The permittee shall retain all of the following records for the wastewater treatment works for a minimum of three years except those records that pertain to sewage sludge disposal, use, storage, or treatment, which shall be kept for a minimum of five years, including:

A. All sampling and analytical records (including internal sampling data not reported);

B. All original recordings for any continuous monitoring instrumentation;

C. All instrumentation, calibration and maintenance records;

D. All plant operation and maintenance records;

E. All reports required by this permit; and

F. Records of all data used to complete the application for this permit for a period of at least three years, or five years for sewage sludge, from the date of the sample, measurement, report, or application.

These periods will be extended during the course of any unresolved litigation, or when requested by the Regional Administrator or the Ohio EPA. The three year period, or five year period for sewage sludge, for retention of records shall start from the date of sample, measurement, report, or application.
8. AVAILABILITY OF REPORTS

Except for data determined by the Ohio EPA to be entitled to confidential status, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate district offices of the Ohio EPA. Both the Clean Water Act and Section 6111.05 Ohio Revised Code state that effluent data and receiving water quality data shall not be considered confidential.

9. DUTY TO PROVIDE INFORMATION

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

10. RIGHT OF ENTRY

The permittee shall allow the Director or an authorized representative upon presentation of credentials and other documents as may be required by law to:

A. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.

B. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit.

C. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit.

D. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.
11. UNAUTHORIZED DISCHARGES

A. Bypass Not Exceeding Limitations - The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs 11.B and 11.C.

B. Notice

1. Anticipated Bypass - If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

2. Unanticipated Bypass - The permittee shall submit notice of an unanticipated bypass as required in paragraph 12.B (24 hour notice).

C. Prohibition of Bypass

1. Bypass is prohibited, and the Director may take enforcement action against a permittee for bypass, unless:
   a. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
   b. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
   c. The permittee submitted notices as required under paragraph 11.B.

2. The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in paragraph 11.C.1.

12. NONCOMPLIANCE NOTIFICATION

A. Exceedance of a Daily Maximum Discharge Limit

1. The permittee shall report noncompliance that is the result of any violation of a daily maximum discharge limit for any of the pollutants listed by the Director in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24hourmpdes@epa.state.oh.us
Southwest District Office: swdo24hourmpdes@epa.state.oh.us
Northwest District Office: nwdo24hourmpdes@epa.state.oh.us
Northeast District Office: nedo24hourmpdes@epa.state.oh.us
Central District Office: cdo24hourmpdes@epa.state.oh.us
Central Office: co24hourmpdes@epa.state.oh.us

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site under the Monitoring and Reporting - Non-Compliance Notification section:

http://epa.ohio.gov/dsw/permits/individuals.aspx
Or, the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330
Southwest District Office: (800) 686-8930
Northwest District Office: (800) 686-6930
Northeast District Office: (800) 686-6330
Central District Office: (800) 686-2330
Central Office: (614) 644-2001

The permittee shall include the following information in the telephone noncompliance report:

a. The name of the permittee, and a contact name and telephone number;

b. The limit(s) that has been exceeded;

c. The extent of the exceedance(s);

d. The cause of the exceedance(s);

e. The period of the exceedance(s) including exact dates and times;

f. If uncorrected, the anticipated time the exceedance(s) is expected to continue; and,

g. Steps taken to reduce, eliminate or prevent occurrence of the exceedance(s).

B. Other Permit Violations

1. The permittee shall report noncompliance that is the result of any unanticipated bypass resulting in an exceedance of any effluent limit in the permit or any upset resulting in an exceedance of any effluent limit in the permit by e-mail or telephone within twenty-four (24) hours of discovery.

The permittee may report to the appropriate Ohio EPA district office e-mail account as follows (this method is preferred):

Southeast District Office: sedo24hourpdes@epa.state.oh.us
Southwest District Office: swdo24hourpdes@epa.state.oh.us
Northwest District Office: nwdo24hourpdes@epa.state.oh.us
Northeast District Office: nedo24hourpdes@epa.state.oh.us
Central District Office: cdo24hourpdes@epa.state.oh.us
Central Office: cdo24hourpdes@epa.state.oh.us

The permittee shall attach a noncompliance report to the e-mail. A noncompliance report form is available on the following web site:

http://www.epa.ohio.gov/dsw/permits/permits.aspx

Or, the permittee may report to the appropriate Ohio EPA district office by telephone toll-free between 8:00 AM and 5:00 PM as follows:

Southeast District Office: (800) 686-7330
Southwest District Office: (800) 686-8930
Northwest District Office: (800) 686-6930
Northeast District Office: (800) 686-6330
Central District Office: (800) 686-2330
Central Office: (614) 644-2001
Part III General Conditions (Con't)

The permittee shall include the following information in the telephone noncompliance report:

a. The name of the permittee, and a contact name and telephone number;

b. The time(s) at which the discharge occurred, and was discovered;

c. The approximate amount and the characteristics of the discharge;

d. The stream(s) affected by the discharge;

e. The circumstances which created the discharge;

f. The name and telephone number of the person(s) who have knowledge of these circumstances;

g. What remedial steps are being taken; and,

h. The name and telephone number of the person(s) responsible for such remedial steps.

2. The permittee shall report noncompliance that is the result of any spill or discharge which may endanger human health or the environment within thirty (30) minutes of discovery by calling the 24-Hour Emergency Hotline toll-free at (800) 282-9378. The permittee shall also report the spill or discharge by e-mail or telephone within twenty-four (24) hours of discovery in accordance with B.1 above.

C. When the telephone option is used for the noncompliance reports required by A and B, the permittee shall submit to the appropriate Ohio EPA district office a confirmation letter and a completed noncompliance report within five (5) days of the discovery of the noncompliance. This follow up report is not necessary for the e-mail option which already includes a completed noncompliance report.

D. If the permittee is unable to meet any date for achieving an event, as specified in a schedule of compliance in their permit, the permittee shall submit a written report to the appropriate Ohio EPA district office within fourteen (14) days of becoming aware of such a situation. The report shall include the following:

1. The compliance event which has been or will be violated;

2. The cause of the violation;

3. The remedial action being taken;

4. The probable date by which compliance will occur; and,

5. The probability of complying with subsequent and final events as scheduled.

E. The permittee shall report all other instances of permit noncompliance not reported under paragraphs A or B of this section on their monthly DMR submission. The DMR shall contain comments that include the information listed in paragraphs A or B as appropriate.

F. If the permittee becomes aware that it failed to submit an application, or submitted incorrect information in an application or in any report to the director, it shall promptly submit such facts or information.

13. RESERVED

14. DUTY TO MITIGATE

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
15. AUTHORIZED DISCHARGES

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than, or at a level in excess of, that authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such violations may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act and Ohio Revised Code Sections 6111.09 and 6111.99.

16. DISCHARGE CHANGES

The following changes must be reported to the appropriate Ohio EPA district office as soon as practicable:

A. For all treatment works, any significant change in character of the discharge which the permittee knows or has reason to believe has occurred or will occur which would constitute cause for modification or revocation and reissuance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. Notification of permit changes or anticipated noncompliance does not stay any permit condition.

B. For publicly owned treatment works:

1. Any proposed plant modification, addition, and/or expansion that will change the capacity or efficiency of the plant;

2. The addition of any new significant industrial discharge; and

3. Changes in the quantity or quality of the wastes from existing tributary industrial discharges which will result in significant new or increased discharges of pollutants.

C. For non-publicly owned treatment works, any proposed facility expansions, production increases, or process modifications, which will result in new, different, or increased discharges of pollutants.

Following this notice, modifications to the permit may be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. A determination will also be made as to whether a National Environmental Policy Act (NEPA) review will be required. Sections 6111.44 and 6111.45, Ohio Revised Code, require that plans for treatment works or improvements to such works be approved by the Director of the Ohio EPA prior to initiation of construction.

D. In addition to the reporting requirements under 40 CFR 122.41(l) and per 40 CFR 122.42(a), all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:

1. That any activity has occurred or will occur which would result in the discharge on a routine or frequent basis of any toxic pollutant which is not limited in the permit. If that discharge will exceed the highest of the "notification levels" specified in 40 CFR Sections 122.42(a)(1)(i) through 122.42(a)(1)(iv).

2. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" specified in 122.42(a)(2)(i) through 122.42(a)(2)(iv).

17. TOXIC POLLUTANTS

The permittee shall comply with effluent standards or prohibitions established under Section 307 (a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement. Following establishment of such standards or prohibitions, the Director shall modify this permit and so notify the permittee.
18. PERMIT MODIFICATION OR REVOCATION

A. After notice and opportunity for a hearing, this permit may be modified or revoked, by the Ohio EPA, in whole or in part during its term for cause including, but not limited to, the following:

1. Violation of any terms or conditions of this permit;

2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

3. Change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

B. Pursuant to rule 3745-33-04, Ohio Administrative Code, the permittee may at any time apply to the Ohio EPA for modification of any part of this permit. The filing of a request by the permittee for a permit modification or revocation does not stay any permit condition. The application for modification should be received by the appropriate Ohio EPA district office at least ninety days before the date on which it is desired that the modification become effective. The application shall be made only on forms approved by the Ohio EPA.

19. TRANSFER OF OWNERSHIP OR CONTROL

This permit may be transferred or assigned and a new owner or successor can be authorized to discharge from this facility, provided the following requirements are met:

A. The permittee shall notify the succeeding owner or successor of the existence of this permit by a letter, a copy of which shall be forwarded to the appropriate Ohio EPA district office. The copy of that letter will serve as the permittee’s notice to the Director of the proposed transfer. The copy of that letter shall be received by the appropriate Ohio EPA district office sixty (60) days prior to the proposed date of transfer;

B. A written agreement containing a specific date for transfer of permit responsibility and coverage between the current and new permittee (including acknowledgement that the existing permittee is liable for violations up to that date, and that the new permittee is liable for violations from that date on) shall be submitted to the appropriate Ohio EPA district office within sixty days after receipt by the district office of the copy of the letter from the permittee to the succeeding owner;

At anytime during the sixty (60) day period between notification of the proposed transfer and the effective date of the transfer, the Director may prevent the transfer if he concludes that such transfer will jeopardize compliance with the terms and conditions of the permit. If the Director does not prevent transfer, he will modify the permit to reflect the new owner.

20. OIL AND HAZARDOUS SUBSTANCE LIABILITY

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

21. SOLIDS DISPOSAL

Collected grit and screenings, and other solids other than sewage sludge, shall be disposed of in such a manner as to prevent entry of those wastes into waters of the state, and in accordance with all applicable laws and rules.

22. CONSTRUCTION AFFECTING NAVIGABLE WATERS

This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.
23. CIVIL AND CRIMINAL LIABILITY

Except as exempted in the permit conditions on UNAUTHORIZED DISCHARGES or UPSETS, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

24. STATE LAWS AND REGULATIONS

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Clean Water Act.

25. PROPERTY RIGHTS

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.

26. UPSET

The provisions of 40 CFR Section 122.41(n), relating to "Upset," are specifically incorporated herein by reference in their entirety. For definition of "upset," see Part III, Paragraph 1, DEFINITIONS.

27. SEVERABILITY

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

28. SIGNATORY REQUIREMENTS

All applications submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR 122.22.

All reports submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR Section 122.22.

29. OTHER INFORMATION

A. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

B. ORC 6111.99 provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $25,000 per violation.

C. ORC 6111.99 states that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than $25,000 per violation.

D. ORC 6111.99 provides that any person who violates Sections 6111.04, 6111.042, 6111.05, or division (A) of Section 6111.07 of the Revised Code shall be fined not more than $25,000 or imprisoned not more than one year, or both.
30. NEED TO HALT OR REDUCE ACTIVITY

40 CFR 122.41(c) states that it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with conditions of this permit.

31. APPLICABLE FEDERAL RULES

All references to 40 CFR in this permit mean the version of 40 CFR which is effective as of the effective date of this permit.

32. AVAILABILITY OF PUBLIC SEWERS

Not withstanding the issuance or non-issuance of an NPDES permit to a semi-public disposal system, whenever the sewage system of a publicly owned treatment works becomes available and accessible, the permittee operating any semi-public disposal system shall abandon the semi-public disposal system and connect it into the publicly owned treatment works.
Plan Approval
Treated Sewage Land Application Management Plan

**Southwest District**

### FOR AGENCY USE ONLY

<table>
<thead>
<tr>
<th>Application Number:</th>
<th>Date Received: / /</th>
</tr>
</thead>
<tbody>
<tr>
<td>District office: Please check which applies:</td>
<td>District office: Please check which applies:</td>
</tr>
<tr>
<td>□ Design flow less than 10,000 gpd</td>
<td>□ Land application rate less than or equal to 12 inches/acre/year</td>
</tr>
<tr>
<td>□ Design flow greater than or equal to 10,000 gpd</td>
<td>□ Land Application rate greater than 12 inches/acre/year</td>
</tr>
<tr>
<td>District office: please check which applies:</td>
<td>District office: please indicate recommended term of plan approval (based on compliance record):</td>
</tr>
<tr>
<td>The land application system is:</td>
<td>□ 5 years □ 10 years</td>
</tr>
<tr>
<td>□ A discharging land application system; or</td>
<td></td>
</tr>
<tr>
<td>□ A non-discharging land application system.</td>
<td></td>
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</tbody>
</table>

### General Information

<table>
<thead>
<tr>
<th>Applicant:</th>
<th>Indian Ridge Golf Club</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Name:</td>
<td>Indian Ridge Golf Club Land Application Management Plan</td>
</tr>
<tr>
<td>County (ies) that Project is Located in:</td>
<td>Butler</td>
</tr>
<tr>
<td>Source(s) of Treated Sewage:</td>
<td>Indian Ridge Golf Club WWTP</td>
</tr>
<tr>
<td>Operator Certification Class required for the WWTP (check one):</td>
<td>□ A □ I □ II □ III □ IV</td>
</tr>
</tbody>
</table>

(See Rule 3745-7 of the Ohio Administrative Code for Operator Certification Requirements)

How many hours per week is the operator present at the Treatment Works? 1.0 hours/week

Check appropriate response:

□ Initial management plan application  □ Renewal management plan application  □ Transfer Application

Is a NPDES permit required for this project? □ Yes □ No If yes, state NPDES permit number: __________

If this is a management plan application for a system installed prior to July 1, 2007, skip to Item V.

(Note: If no NPDES permit is required, this form shall be submitted with a PTI/Plan Approval Application Form A and plan approval fee; if a NPDES permit is required, this form shall be submitted with the NPDES permit application form and NPDES permit application fee - no separate plan approval fee is required. Refer to Rule 3745-42-13 (E) of the Administrative Code for NPDES permit requirements for land application systems).

Is Applicant for the Land Application Management Plan the Operator/Owner of the Treatment Plant? □ Yes □ No If not, please explain and state who is responsible for monitoring the treatment plant effluent quality:
At a minimum, the following items shall be included in the land application management plan required by Rule 3745-42-13 of the Administrative Code. Any additional unique features must be described on separate pages and attached to this plan.

### A. Treatment and Storage Information:

<table>
<thead>
<tr>
<th>Average Daily Design Flow to the Treatment Works:</th>
<th>gpd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Actual Flow to the treatment works (if existing treatment works):</td>
<td>gpd</td>
</tr>
</tbody>
</table>

**Sewage Treatment Class That Will Be Attained:**

- [ ] Class A
- [ ] Class B
- [ ] Class C (only an option for Land Application Systems with a design flow less than 10,000 gpd)

Attach a sheet indicating the effluent limits and minimum monitoring frequencies that must be followed in accordance with table (K)(1) of Rule 3745-42-13 of the Administrative Code.

### B. Describe the method or methods used for the storage and application of treated sewage (including detailed information about the distribution system).

### C. Describe the experience of the operator of the land application system in operating a land application system, and state how many hours per week the operator will be working at the land application system location.

### D. Describe the additional storage volume provided for the treated sewage that will be available for times when land application is not practical or allowable (Indicate units).

### E. Describe the minimum freeboard to be provided in the storage facility (refer to Table 3 of Rule 3745-42-13 of the Administrative Code for minimum freeboard requirement), and the design plans, enter monitoring or testing, and how it will be measured and maintained.
F. Equipment calibration & maintenance schedule (add more rows as needed):

<table>
<thead>
<tr>
<th>Type of Equipment</th>
<th>Frequency of Calibration</th>
<th>Frequency of Maintenance</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

G. Indicate how much treated sewage will be land applied (check all that apply) in inches per acre for each month (if zero, enter zero) for each land application area. Attach an additional sheet for each land application area.

<table>
<thead>
<tr>
<th>Land application area location: (Include County)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>February</td>
</tr>
<tr>
<td>July</td>
<td>August</td>
</tr>
</tbody>
</table>

| Hours of the Day that land application may occur. (Please check a.m. or p.m.) |
| From | To |
|  |  |

| □ a.m. | □ p.m. | □ a.m. | □ p.m. |

Total Annual Application Rate for the land application area is:

□ less than or equal to 12 inches/acre/year  □ greater than 12 inches/acre/year

H. Please provide justification supporting the determination of the land application rate(s) and the total acres required for available for land application in accordance with paragraphs (E) and (F) of Rule 3745-32-03 of the Administrative Code.
I. Please describe the appropriate weather conditions required for the land application of treated sewage and how they will be determined.

J. Check which land application restrictions are applicable and will be followed (any of these will be followed and an explanation is required for Rule 3745-42-13 of the Administrative Code will be met).

- No land application during precipitation events [ ] Will be followed [ ] Allowed per NPDES Permit
- No land application on frozen or snow covered ground [ ] Will be followed [ ] Allowed per NPDES Permit
- No spray irrigation when instantaneous wind speeds exceed 20 miles per hour [ ] Will be followed [ ] Will not be followed
- No land application within 10-year floodplain [ ] Will be followed [ ] Will not be followed
- No land application in wetlands [ ] Will be followed [ ] Will not be followed
- No land application where the land application contract is expired or void [ ] Will be followed [ ] Will not be followed
- No land application when the ground is saturated at or near the surface [ ] Will be followed [ ] Will not be followed
- Land application will only occur where there is at least 12 inches between final grade and bedrock, sand or gravel lenses, compacted glacial till, and/or normal ground water elevation. [ ] Will be followed [ ] Will not be followed
- No land application within the emergency management zone of a public water system using surface water or within 1,500 of any drinking water intake, whichever is greater unless the treated sewage meets the water quality standards established for the public water supply use designation under Chapter 3745-1 of the Administrative Code. [ ] Will be followed [ ] Will not be followed

K. Isolation distances for Land Application Areas - please indicate the setbacks that will be provided in accordance with Rule 3745-42-13(6).

<table>
<thead>
<tr>
<th>Siting Criteria</th>
<th>Minimum Isolation Distance Provided (feet)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private potable water source not owned by the person land applying sewage</td>
<td>[ ]</td>
</tr>
<tr>
<td>Private potable water source owned by the person land applying sewage</td>
<td>[ ]</td>
</tr>
<tr>
<td>UIC Class V Injection Well</td>
<td>[ ]</td>
</tr>
<tr>
<td>Sinkhole or Karst Feature</td>
<td>[ ]</td>
</tr>
<tr>
<td>Property line</td>
<td>[ ]</td>
</tr>
<tr>
<td>Human crops that may be eaten raw</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

L. Please explain how the additional siting criteria for Land Application of Class A treated sewage will be met per paragraph (3)(2) of Rule 3745-42-13 of the Administrative Code.
M. Please explain how the additional setting criteria for land application of Class-D treated sewage will be met per paragraph (J)(3) of Rule 3746-42-13 of the Administrative Code.

N. Will Class IC treated sewage be land applied in accordance with paragraph (J)(4) of Rule 3746-42-13 of the Administrative Code? □ Yes □ No

* Refer to Paragraph (C), Table J-1 and Paragraphs (J)(2) to (J)(4) of Rule 3746-42-13 of the Administrative Code for minimum required isolation distances for land application areas.

O. Describe how treated sewage will be land applied so as to minimize direct human contact and the potential for creating aerosols and mist.

P. Describe or list any other practices that will be used to minimize pollutant discharges or nuisances.
Q. Will groundwater monitoring exemptions for the storage facility or land application site(s) apply? If so, please list which one(s):

If not, describe who is responsible for the groundwater monitoring program and indicate when the program was approved by Ohio EPA (see paragraph (L) of Rule 3745-42-13 of the Administrative Code for groundwater monitoring requirements):

R. Describe how operation and maintenance records for the land application system will be kept in accordance with Rule 3745-42-13 of the Administrative Code:

9. A record-keeping form showing how and where land application records will be kept shall be attached. Records shall be kept in accordance with paragraph (9) of Rule 3745-42-13 of the Administrative Code.

☐ Ohio EPA's Land Application Record Form or ☐ Our Own Land Application Record Form is attached.

T. Will the land application system serve two or more homes or treat 10,000 gpd or greater and not be operated by a public entity?

☐ Yes ☐ No

If yes, then the additional information listed in Paragraph (D)(6)f) of Rule 3745-42-13 of the Administrative Code must be attached with the initial land application management plan.
U. A map locating each land application site shall be attached. Each site shall be labeled "Restricted access site" or "Unrestricted access site." The map(s) shall show the following items and are considered part of this plan:

☐ All present and known proposed occupied buildings within 300 feet of the land application area.
☐ All present and known proposed non occupied buildings within 300 feet of the land application area.
☐ Developments and Public access areas within 300 feet of the land application area.
☐ All public sewerage system(s) and their planning area(s) within 1,000 feet of the land application area.
☐ All drinking water supply intakes or emergency management zones within 1,000 feet of the land application area.
☐ Location of signs required in accordance with rule 3745-42-13(E)(1).

V. Land Application Systems installed prior to the effective date of Rule 3745-42-13(E)(1) of the Administrative Code

This section references land application systems that have been installed/in operation prior to July 1, 2007.

Please check which applies:
No treated sewage shall be land applied within the emergency management zone of a public water system using surface water or within one thousand five hundred feet of any drinking water intake, whichever is greater unless the treated sewage meets the water quality standards established for the public water supply use designation under Chapter 3745-1 of the Administrative Code. ☒ Will be followed ☐ Will not be followed.

The following items shall be attached for existing land application systems:

☒ Effluent pollutant sampling and monitoring records for the past five years.
☒ Flow monitoring records for the past five years.
☒ A description of how the land application of treated sewage is managed including application rates, setbacks, and the practices that are used to comply with paragraph (E)(1) of Rule 3745-42-13 of the Administrative Code.

Miscellaneous Information:

The following items shall be included with this land application management plan:

☒ Two copies of the Permit-to-Install/Plan Approval Application Form A or the NPDES Permit Application.
☒ Two copies of the site and soil evaluation required in accordance with rule 3745-42-13(N).
(For renewal applications, this is only needed if additional or different areas will be used for land application)
☒ One copy of the effluent pollutant sampling and flow monitoring records for the last five years. (Renewal Applications Only)
☒ Four copies of this management plan and any attachments.
☒ Fee check payable to "Treasurer, State of Ohio."

The following additional information is included with this form:

Signature: The foregoing date is a true statement of facts pertaining to the proposed land application management plan.

Date: 03/05/2017 Signed: [Signature]

Plan prepared by: Winelco Inc.