

3745-40-08

Requirements for the beneficial use of biosolids: general requirements, prohibitions, isolation distance requirements, site specific requirements, and additional site restrictions for the beneficial use of ~~class B~~ biosolids.

[Comment: For dates of non-regulatory government publications, publications of recognized organizations and associations, federal rules and federal statutory provisions referenced in this rule, see rule 3745-40-01 of the Administrative Code.]

(A) General requirements.

(1) The mixing of class B biosolids from different treatment works at an authorized beneficial use site is prohibited, except as provided in paragraph (C) of rule 3745-40-06 of the Administrative Code.

~~(1)(2) Any~~ Only exceptional quality biosolids shall be distributed for beneficial use (e.g. for ~~landscaping lawn~~ or ~~gardeninghome garden~~) ~~shall be exceptional quality biosolids, as defined in rule 3745-40-04 of the Administrative Code.~~

(3) Derivatives shall meet all applicable beneficial use or distribution requirements set forth in this chapter based on the derivative use category determined by the volume of the derivative distributed and the per cent blend of the derivative in accordance with Table A-1 of this rule.

Table A-1. Exceptional quality derivative use category

<u>Container capacity</u>	<u>Less than or equal to five per cent blend</u>	<u>Greater than five per cent blend</u>
<u>Less than one ton</u>	<u>Exceptional quality distribution</u>	<u>Exceptional quality distribution</u>
<u>Greater than one ton</u>	<u>Exceptional quality distribution</u>	<u>Bulk exceptional quality beneficial use</u>

(4) Timing and placement of biosolids shall correspond as closely as practical with plant nutrient uptake, cropping system limitations, soil properties, weather conditions, drainage system, soil biology, and nutrient risk assessment results.

(5) Prior to the beneficial use of class B or bulk exceptional quality biosolids, each beneficial use site shall be assessed using the Ohio phosphorus risk assessment procedure (OPRA) to determine the phosphorus runoff risk class. The runoff risk class is based on the soil test phosphorus of the beneficial use site. The runoff risk class informs the appropriate phosphate rate of application and the placement of phosphate as summarized in table A-2.

Table A-2: Ohio phosphorus risk assessment procedure

<u>Runoff risk</u>		<u>Low risk</u>	<u>Moderate risk</u>	<u>High risk</u>	<u>Very high risk</u>
<u>Soil test phosphorus</u>		<u>Less than 50 ppm Mehlich III</u>	<u>Greater than or equal to 50 and less than 120 ppm Mehlich III</u>	<u>Greater than or equal to 120 and less than 200 ppm Mehlich III</u>	<u>Greater than or equal to 200 ppm Mehlich III</u>
<u>Rate</u>	<u>Rate of P₂O₅ application</u>	<u>250 pounds P₂O₅ per acre maximum annual application limit</u>	<u>Less than or equal to P₂O₅ removal (annual or multiple year crop rotation)</u> <u>250 pounds P₂O₅ per acre maximum annual application limit</u>	<u>Less than or equal to 50 per cent P₂O₅ removal (annual, single-year crop)</u>	<u>P₂O₅ application prohibited</u>
<u>Placement</u>	<u>Minimum ground cover at time of surface application</u>	<u>30 per cent ground cover or growing crop or cover crop</u>	<u>30 per cent ground cover or growing crop or cover crop</u>	<u>50 per cent ground cover or growing crop or cover crop</u>	<u>Not applicable</u>
	<u>Same-day incorporation or injection</u>	<u>Or</u> <u>Same day incorporation or injection is required if minimum ground cover is not met for surface application.</u>			<u>Not applicable</u>

(6) Class B or bulk exceptional quality biosolids shall be beneficially used at the calculated agronomic rate in accordance with the following:

(a) For low risk beneficial use sites with soil phosphorus test results less than fifty parts per million Mehlich III extraction, use the lower agronomic rate of the following two options:

(i) A calculated nitrogen agronomic rate that is limited to one of the following:

(a) Two hundred twenty pounds of nitrogen per acre for corn crops.

(b) One hundred fifty pounds of nitrogen per acre for legume crops.

- (c) One hundred twenty pounds of nitrogen per acre for wheat crops.
 - (ii) A phosphate agronomic rate of two hundred fifty pounds per acre or less per year in accordance with table A-1.
 - (b) For moderate risk beneficial use sites with soil phosphorus test results greater than or equal to fifty parts per million Mehlich III extraction and less than one hundred twenty parts per million Mehlich III extraction, use the lowest agronomic rate of the following three options:
 - (i) A calculated nitrogen agronomic rate that is limited to one of the following:
 - (a) Two hundred twenty pounds of nitrogen per acre for corn crops.
 - (b) One hundred fifty pounds of nitrogen per acre for legume crops.
 - (c) One hundred twenty pounds of nitrogen per acre for wheat crops.
 - (ii) Less than or equal to the phosphate removal for an annual or multiple year crop rotation in accordance with table A-1.
 - (iii) A phosphate agronomic rate of two hundred fifty pounds per acre or less per year in accordance with table A-1.
 - (c) For high risk beneficial use sites with soil phosphorus test results greater than or equal to one hundred twenty parts per million Mehlich III extraction and less than two hundred twenty parts per million Mehlich III extraction, use an agronomic rate that is less than or equal to fifty percent phosphate removal for an annual, single-year crop.
 - (d) For very high risk beneficial use sites with soil phosphorus test results greater than or equal to two hundred twenty parts per million Mehlich III extraction, phosphate application is prohibited.
- (7) Biosolids shall be injected or same-day incorporated unless the following minimum ground cover is met for surface application:
- (a) Thirty per cent ground cover or on a growing crop/cover crop for low risk and moderate risk beneficial use sites.
 - (b) Fifty per cent ground cover or on a growing crop/cover crop for high risk

beneficial use sites.

- ~~(2) Except as provided in paragraphs (A)(3) and (A)(7) of this rule, class B or bulk exceptional quality biosolids shall be beneficially used at the calculated agronomic rate at a beneficial use site. The agronomic rate shall be calculated prior to beneficial use and be the most limiting factor derived from the following:~~
- ~~(a) For soils with soil phosphorus test results less than or equal to forty parts per million Bray Kurtz P1 extraction or fifty eight parts per million Mehlich III extraction, the most limiting factor of the following:~~
- ~~(i) The nitrogen agronomic rate.~~
- ~~(ii) A phosphate beneficial use rate of two hundred fifty pounds per acre or less.~~
- ~~(iii) A phosphate beneficial use rate between two hundred fifty pounds per acre and five hundred pounds per acre if both of the following criteria are met:~~
- ~~(a) No additional phosphate application shall be made at the beneficial use site for a minimum of three calendar years.~~
- ~~(b) All biosolids are injected or are incorporated within twenty-four hours of beneficial use.~~
- ~~(b) For soils with soil phosphorus test results greater than forty parts per million Bray Kurtz P1 extraction or fifty eight parts per million Mehlich III extraction and less than or equal to one hundred parts per million Bray Kurtz P1 extraction or one hundred thirty parts per million Mehlich III extraction, the most limiting factor of the following:~~
- ~~(i) The nitrogen agronomic rate.~~
- ~~(ii) A multi-year phosphate agronomic rate.~~
- ~~(c) For soils with soil phosphorus test results greater than one hundred parts per million Bray Kurtz P1 extraction or one hundred thirty parts per million Mehlich III extraction, beneficial use shall be completed in accordance with the phosphorus index.~~
- ~~(3) For all beneficial use sites, beneficial use of class B or bulk exceptional quality biosolids may be completed in accordance with the phosphorus index.~~
- ~~(4) Except as provided in paragraph (A)(2)(a)(iii) of this rule, the phosphate agronomic rate shall be limited to two hundred fifty pounds per acre.~~

~~(5)~~(8) For all beneficial use sites, the agronomic rate calculations shall include all sources of nitrogen and phosphate such as commercial fertilizer or manure in addition to class B or bulk exceptional quality biosolids. No additional phosphate from any source can be applied until the original applied phosphate has been completely utilized by the succeeding crop or crop rotation.

(9) For all beneficial use sites, the agronomic rate shall be based on the most recent three-year average yield. If the average yield is unknown, the state or county average for that crop may be used.

~~(6)~~(10) Special requirement regarding liquid class B or ~~liquid~~ bulk exceptional quality biosolids. The beneficial use of liquid class B or bulk exceptional quality biosolids shall be at or below the calculated agronomic rate ~~for the reasonably expected yield goal of planned crops or crop rotation,~~ or at or below the available water capacity of the upper eight inches of soil, whichever is less at the time of beneficial use.

~~(7)~~(11) Special requirement regarding land reclamation sites. The agronomic rate may only be exceeded ~~during for~~ land reclamation ~~projects sites~~ using biosolids provided the beneficial use is in accordance with paragraph (B) of rule 3745-40-03 of the Administrative Code.

(B) Prohibitions and restrictions.

(1) Pollutant ceiling concentrations. No person shall beneficially use biosolids if the concentration of any pollutant in the biosolids exceeds the ceiling concentration limits for the pollutants established in rule 3745-40-04 of the Administrative Code.

(2) Frozen or snow covered ground. No person shall beneficially use class B or bulk exceptional quality biosolids on frozen or snow-covered ground.

[Comment: If biosolids can be injected or same-day incorporated, then the beneficial use site is not frozen.]

(3) Saturated soil. No person shall beneficially use class B or bulk exceptional quality biosolids on ~~the surface of~~ a beneficial use site when the top two inches of soil are saturated.

(4) Beginning two years after the effective date of this rule, no person shall beneficially use class B or bulk exceptional quality biosolids within a hydrogeologic setting with a ground water vulnerability index greater than or equal to one hundred seventy.

~~(4)~~(5) Precipitation prohibitions and restrictions ~~for hydrologic soil groups A, B, and C.~~

(a) Weather forecasts shall be consulted for a period extending twenty-four hours after the start of beneficial use. The forecast consulted shall be for the municipality nearest the beneficial use site location and be printed out or otherwise recorded and kept on file for each day of beneficial use.

[Comment: Information on hourly forecasts may be located at the national oceanic and atmospheric administration's website: www.weather.gov by entering a zip code or city and state in the box where indicated, selecting "Go", and selecting the "Hourly Weather Forecast" under "More Information."]

(b) For hydrologic soil groups A, B, and C.

~~(a)(i) Except as provided in paragraph (B)(4)(b) of this rule, no~~No person shall beneficially use class B or bulk exceptional quality biosolids during a precipitation event, ~~or when the forecast indicates that there is at least a fifty per cent chance that 0.5 inches of rain will occur within twenty-four hours after beneficial use. The forecast consulted shall be for the municipality nearest where the beneficial use site is located and shall be printed out or otherwise recorded and kept on file for each beneficial use event.~~

~~[Comment: Information on hourly forecasts may be located at the national oceanic and atmospheric administration's website: www.weather.gov by entering a zip code or city, state in the box where indicated, selecting "Go" and selecting the "Hourly Weather Forecast" under "More Information."]~~

(ii) Except as provided in paragraph (B)(4)(b)(iii) of this rule, no person shall beneficially use class B or bulk exceptional quality biosolids when the forecast indicates that there is at least a fifty per cent chance that 0.5 inches of rain will occur within twenty-four hours after the conclusion of each day of beneficial use

~~(b)~~(iii) Class B or bulk exceptional quality biosolids may be beneficially used when the forecast indicates that there is at least a fifty per cent chance that 0.5 inches of rain will occur within twenty-four hours after beneficial use if either of the following occur:

~~(i)~~(a) The biosolids are injected on beneficial use sites that do not have subsurface tile drainage.

~~(ii)~~(b) The biosolids are immediately incorporated and the forecast does not indicate that there is at least a fifty per cent chance that 0.5 inches of rain will occur within six hours after beneficial use.

~~(5)(c) Precipitation prohibitions and restrictions for~~ For hydrologic soil group D soils.

(i) No person shall beneficially use class B or bulk exceptional quality biosolids during a precipitation event.

~~(a)(ii)~~ Except as provided in ~~paragraphs (B)(5)(b)~~paragraph (B)(4)(c)(iii) ~~to (B)(5)(b)(ii)~~ of this rule, no person shall beneficially use class B or bulk exceptional quality biosolids ~~during a precipitation event or~~ when the forecast indicates that there is at least a fifty per cent chance that 0.25 inches of rain will occur within twenty-four hours after the conclusion of each day of beneficial use. ~~The forecast consulted shall be for the municipality nearest where the beneficial use site is located and shall be printed out or otherwise recorded and kept on file for each beneficial use event.~~

~~{Comment: Information on hourly forecasts may be located at the national oceanic and atmospheric administration's website: www.weather.gov by entering a zip code or city, state in the box where indicated, selecting "Go" and selecting the "Hourly Weather Forecast" under "More Information."}~~

~~(b)~~(iii) Class B or bulk exceptional quality biosolids may be beneficially used when the forecast indicates that there is at least a fifty per cent chance that 0.25 inches of rain will occur within twenty-four hours after beneficial use for any hydrologic soil group ~~(HSG)~~ D soils if any of the following occur:

~~(i)~~(a) The biosolids are injected on beneficial use sites that do not have subsurface tile drainage.

~~(ii)~~(b) The biosolids are immediately incorporated and the forecast does not indicate that there is at least a fifty per

cent chance that 0.25 inches of rain will occur within six hours after beneficial use.

[Comment: Information on Ohio hydrologic soil groups can be found on the United States department of agriculture, natural resources conservation services web site at the following link: www.oh.nrcs.usda.gov/technical/soils/.]

- (6) No person shall beneficially use class B or bulk exceptional quality biosolids if such beneficial use is likely to adversely affect a threatened or endangered species listed under section four of the Endangered Species Act or pursuant to section 1531.25 of the Revised Code or the species' designated critical habitat.

(C) Isolation distance requirements.

- (1) Except as provided in paragraph (C)(2) of this rule, no person shall beneficially use class B or bulk exceptional quality biosolids within the following isolation distances listed in table C-1 of this rule.

Table C-1: Isolation distance requirements.

	Surface application isolation distance requirements (feet)	Injected or immediately incorporated isolation distance requirements (feet)	Applicable biosolids classification
Bedrock	3	3	Class B or bulk exceptional quality
Surface waters of the state and conduits to surface waters of the state	33	33	Class B or bulk exceptional quality
Sinkhole or UIC class V drainage	300 without a grass buffer; 100 with a grass buffer	300 without a grass buffer; 100 with a grass buffer	Class B or bulk exceptional quality
Property line ¹	50	50	Class B
Occupied structure or school	300	100	Class B
Private potable water	300	100	Class B

source			
Medical care facility	1000	300	Class B
<u>Public drinking water surface water intake</u>	<u>1500</u>	<u>1500</u>	<u>Class B</u>

¹The property line isolation distance applies to adjacent properties not owned by the same beneficial use site owner or beneficial use site operator.~~[Comment: For more information on sinkholes and different classes of UIC injection wells, see Chapter 3745-34 of the Administrative Code.]~~

[Comment: For more information on sinkholes and different classes of UIC injection wells, see Chapter 3745-34 of the Administrative Code.]

(2) No person shall beneficially use class B biosolids or bulk exceptional quality biosolids in any of the following areas:

(a) Within the sanitary isolation distance a public water system ~~shall maintain~~ maintains for a drinking water supply well, as established in rule 3745-9-04 of the Administrative Code.

(b) Within an emergency management zone for a public water system using surface water. ~~Where no emergency management zone has been delineated or endorsed by the Ohio environmental protection agency, the isolation distance shall consist of a circle with a radius of one thousand five hundred feet from the intake.~~

(c) Within the ~~following areas, as defined in table C-2 of this rule~~inner management zone of the following public water systems:

(i) Community water system.

(ii) Non-transient, non-community water system.

(iii) Transient, non-community water system.

Table C-2

If the drinking water source protection area of these public water systems is underlain by karst or fractured bedrock or has been determined to be highly susceptible to contamination, the setback is extended to include the entire drinking water source protection area.

- (3) The director or an authorized representative may allow a reduction in isolation distance for those occupied structures that are located adjacent to an authorized beneficial use site, provided such a request is made from both the structure owner and, if applicable, the resident of the occupied structure. ~~A request for an isolation distance reduction shall be made~~ on forms approved by the director.
- (D) Site specific requirements. Any person who beneficially uses class B or bulk exceptional quality biosolids shall meet the following site specific requirements, as applicable:
- (1) Beneficial use sites that ~~are frequently flooded~~ contain soils prone to flooding. No person shall beneficially use class B or bulk exceptional quality biosolids at a beneficial use site that ~~is frequently flooded~~ contains soils prone to flooding, ~~as defined in rule 3745-40-01 of the Administrative Code, so that the class B or bulk exceptional quality biosolids enter surface waters of the state, except as provided in an NPDES permit issued under Chapter 6111. of the Revised Code. Beneficial use of class B or bulk exceptional quality biosolids at a beneficial use site shall be limited to~~ unless same day same-day incorporation or injection is performed on areas of beneficial use sites that ~~are frequently flooded~~ contain soils prone to flooding during periods when flooding is expected.
- (2) Ground slope and ground cover. No person shall beneficially use class B or bulk exceptional quality biosolids ~~at~~ on food crop, feed crop, fiber crop, or cover crop land over ~~fifteen~~ twelve per cent slope or ~~at~~ on pasture land or vegetation land over ~~twenty~~ eighteen per cent slope unless one of the following activities is performed:
- (a) ~~Same-day~~ Same-day incorporation or injection with operations done on the contour.
- (b) The ~~field~~ crop is established and managed in contour strips with alternate strips ~~in of a~~ cover crop, pasture, or vegetation.
- (3) Soil monitoring ~~requirements~~. ~~If soil~~ Soil monitoring results ~~for either soil phosphorus or soil pH are more than three years old, the soil shall be retested prior to the class B or bulk exceptional quality biosolids being delivered to a beneficial use site for beneficial use~~ shall be less than three years old at the time of beneficial use. Composite soil samples shall be taken for both of the following:

- (a) Soil phosphorus. ~~Prior to the beneficial use of class B or bulk exceptional quality biosolids, the~~ The soil phosphorus level ~~shall~~ is to be monitored ~~utilizing either~~ using the ~~Bray-Kurtz P1 extraction or~~ Mehlich III extraction method or the Bray-Kurtz P1 extraction method to assess the beneficial use site with the Ohio phosphorous risk assessment procedure in accordance with paragraph (A) of this rule.

[Comment: Mehlich III extraction method is the primary soil P extractant method in Ohio. To convert from Bray-Kurtz P1 extraction to Mehlich III, use the following equation: $M3=(Bray\ P1) \times (1.35).$]

- (b) Soil pH. Minimum soil pH for the beneficial use of class B biosolids ~~shall~~ is be 5.5. If the soil pH at a beneficial use site is less than 5.5, add sufficient liming material ~~shall be added~~ such that the class B biosolids and soil mixture pH is calculated to reach 5.5 or greater.
- (4) Soil sampling collection procedure. ~~If soil samples are required by paragraph (D)(3) of this rule, the~~ Soil samples shall be taken in accordance with the following ~~requirements~~:
- (a) ~~A~~ Take a composite sample ~~shall represent~~ representing fifteen to twenty acres of area that is uniform in soil series, slope, drainage, erosion, and nutrient application (including biosolids).
- (b) ~~Soil~~ Take soil grab samples ~~shall be taken~~ seventy-five to one hundred feet apart with a minimum of fifteen grab samples in a composite sample.
- (c) ~~Soil~~ Take soil grab samples ~~shall be taken~~ to a plow depth, or within the top eight inches of soil.
- (d) Low spots or other unusual areas, such as biosolids or liming material stockpiling areas, and fertilizer spills, ~~shall~~ are not to be included in composite samples and ~~shall are to~~ be sampled separately.
- (e) For row crops, take samples ~~shall be taken~~ between rows.
- (f) For establishing grass pasture crops, collect samples ~~shall be collected~~ to the rooting zone (three to four inches).
- (g) ~~All~~ Break up all grab samples ~~shall be broken up~~ and ~~mixed~~ mix them

thoroughly before the sample is composited.

~~(h) Soil samples collected to analyze for soil phosphorus shall be collected prior to spring planting.~~

[Comment: Further information regarding sampling procedures and test methodology may be found in Ohio state university's factsheet AGF-513 at: <https://ohioline.osu.edu/factsheet/AGF-513>.]

(5) Beneficial use of liquid class B or bulk exceptional quality biosolids at sites with subsurface tile drainage: shall be in accordance with the following requirements:

(a) ~~For beneficial use sites with subsurface tile drainage,~~ Visually monitor all field subsurface drain outlets ~~shall be visually monitored~~ before, during, and after beneficial use of ~~liquid class B or liquid bulk exceptional quality~~ biosolids at the beneficial use site, and record the results of that monitoring ~~shall be recorded on forms approved by the director or authorized representative.~~ Daily Continue daily visual monitoring ~~shall continue and recording observations~~ until biosolids are assimilated into the beneficial use site and are no longer likely to discharge to surface waters of the state or conduits to surface waters of the state. ~~Methods or devices to stop or capture subsurface drain flow shall be accessible. If liquid class B or liquid bulk exceptional quality biosolids reach the subsurface drain outlet to surface waters of the state, the beneficial use of liquid biosolids shall cease and the flow shall be stopped or captured. Use of drain outlet plugs or other devices shall be recorded.~~

(b) Have methods or devices to stop or capture subsurface drain flow accessible. If biosolids reach a subsurface drain outlet to surface waters of the state or conduits to surface waters of the state, cease beneficial use of biosolids and stop or capture the flow. Record the use of drain outlet plugs or other devices and how flow was stopped or captured on forms approved by the director or authorized representative.

~~(b) For beneficial use of liquid class B or liquid bulk exceptional quality biosolids at beneficial use sites with subsurface tile drainage, all of the following criteria shall be followed:~~

~~(i)(c)~~ Beneficial Limit beneficial use rates ~~shall be less than or equal to 0.5 inches or~~ to the lesser of the available water capacity in the upper eight inches or thirteen thousand five hundred gallons per acre (0.5 inches per acre) per ~~beneficial use event~~ application.

~~(ii)(d)~~ A Prior to beneficial use, use a tillage tool ~~shall be used~~ that can disrupt or close the preferential flow paths (e.g. worm holes, soil cracks, root channels, etc.) in the soil using horizontal fracturing, or till the surface of the soil ~~shall be tilled~~ three to five inches deep to a ~~seedbed~~ condition ~~to soak up that will absorb~~ the liquid ~~class B or liquid bulk exceptional quality~~ biosolids and keep it out of preferential flow ~~channels~~paths.

~~(iii)(e)~~ If injection is used, liquid class B or liquid bulk exceptional quality only inject biosolids ~~shall only be injected~~ deep enough to cover the biosolids with soil. ~~The Till the~~ soil ~~shall be tilled~~ at least three inches below the depth of injection prior to or at the time of beneficial use.

~~(iv)(f)~~ For beneficial use sites where tillage is not an option, plug all tile outlets from the beneficial use site ~~are to be plugged~~ and close all tile stops ~~are to be closed~~ prior to or at the same time as beneficial use.

~~(e)(g)~~ A The beneficial user or permittee shall develop a standard operating procedure ~~shall be developed by the beneficial user or permittee~~ for beneficial use sites with tile drainage to address paragraphs ~~(D)(4)(a) and (D)(4)(b)~~ (D)(5)(a) to (D)(5)(f) of this rule.

(E) Additional site restrictions for the beneficial use of class B biosolids:

(1) Harvesting restrictions shall be in accordance with table E-1:

Table E-1: Harvesting restrictions for beneficial use of class B biosolids.

<u>Type of crop</u>	<u>Description of crop grown or purpose of an authorized beneficial use site</u>	<u>Duration until harvesting or grazing after the beneficial use of class B biosolids</u>
<u>Food crops</u>	<u>Harvested parts touch biosolids or soil mixture and are on the surface of the site</u>	<u>Fourteen months</u>
<u>Food crops</u>	<u>Harvested parts below the surface when biosolids remain on the surface of the site for four months or longer prior to incorporation into the soil</u>	<u>Twenty months</u>
<u>Food crops</u>	<u>Harvested parts below the</u>	<u>Thirty-eight months</u>

	<u>surface when biosolids remain on the surface of the site for less than four months prior to incorporation into the soil</u>	
<u>Other food crops, feed crops, and fiber crops</u>	<u>Not applicable</u>	<u>Thirty days</u>
<u>Pasture</u>	<u>Animal grazing</u>	<u>Thirty days</u>
<u>Turf or other vegetation grown for landscaping purposes</u>	<u>Harvested turf to be used on a high potential for public exposure site or a lawn</u>	<u>One year, unless otherwise specified by the director</u>

~~(1) Food crops with harvested parts that touch the biosolids or soil mixture and are on the surface of the authorized beneficial use site shall not be harvested for fourteen months after the beneficial use of class B biosolids.~~

~~(2) Food crops with harvested parts below the surface of the authorized beneficial use site shall not be harvested for twenty months after the beneficial use of class B biosolids when the biosolids remained on the surface of the authorized beneficial use site for four months or longer prior to incorporation into the soil.~~

~~(3) Food crops with harvested parts below the surface of the authorized beneficial use site shall not be harvested for thirty-eight months after the beneficial use of class B biosolids when the class B biosolids remained on the surface of the authorized beneficial use site for less than four months prior to incorporation into the soil.~~

~~(4) All other food crops, feed crops, and fiber crops shall not be harvested for thirty days after the beneficial use of class B biosolids.~~

~~(5) Animals shall not be allowed to graze on the authorized beneficial use site for thirty days after the beneficial use of class B biosolids.~~

~~(6) Turf or other vegetation grown for landscaping purposes that is grown on an authorized beneficial use site where class B biosolids are beneficially used shall not be harvested for one year after the beneficial use of class B biosolids when the harvested turf or other vegetation is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the director.~~

~~(7)~~(2) Public access to a high potential public exposure site ~~shall be~~ is restricted for one year after the beneficial use of class B biosolids.

- (8)(3) Public access to a low potential public exposure site ~~shall be~~ is restricted for thirty days after the beneficial use of class B biosolids.
- ~~(9) The mixing of class B biosolids from different treatment works at an authorized beneficial use site is prohibited, unless in accordance with paragraph (C) of rule 3745-40-06 of the Administrative Code.~~
- (10)(4) Drag hoses and mobile storage tanks shall not be utilized ~~at authorized beneficial use sites~~ for the storage, transfer, or beneficial use of biosolids until a standard operating procedure has been developed under paragraph (C) of rule 3745-40-09 of the Administrative Code and a permit to install, if applicable, is obtained.