



Biosolids Land Application Completeness Checklist

Applicator:		LTF #:	
Generator		CTS #:	
Application Site/Farm:		Date Received:	
Reviewer:		Date Reviewed:	

Checklist instructions

This checklist is provided as a guideline for ADEQ staff in performing reviews and to the applicant on what information ADEQ will need to review Biosolids Land Application registrations. This checklist is designed to be easy to read and follow. It is intended to address the majority of applications submitted to ADEQ, but not every possible variation or situation. This checklist does not supplant or supersede statutory or rule requirements and is not intended to be binding on the applicant or ADEQ staff.

ADEQ is actively seeking comments, suggestions, or improvement of this checklist via email to Robert Phalen (rp4@azdeq.gov).

A FEE OF \$500 IS REQUIRED AT THE TIME OF THE INITIAL REGISTRATION; A FEE OF \$250 IS REQUIRED FOR A REGISTRATION AMENDMENT. *Arizona Administrative Code R18-14-109.*

Return to: **Arizona Department of Environmental Quality**
 Water Quality Compliance Section
 1110 West Washington Street, 5415B-1
 Phoenix, Arizona 85007

Biosolids Land Application Registration

	Is the land application site outside the geographical area of a designated critical habitat? (R18-9-1002(F))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	Is the following information included within the registration, unless already on file at the Department as part of an approved land application plan? (R18-9-1004(C)(5))
	<ul style="list-style-type: none"> • The name, mailing address, and telephone number of the landowner and lessee, if any?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	<ul style="list-style-type: none"> • The physical location of the site by county?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	<ul style="list-style-type: none"> • The legal description of the site, including township, range, and section, or latitude and longitude at the center of each site?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	<ul style="list-style-type: none"> • The number of acres or hectares at each site to be used?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	<ul style="list-style-type: none"> • Background concentrations of the pollutants listed in Table 4 of R18-9-1005 from representative soil samples (except for sites that have not received biosolids before April 23, 1996)?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	The location of any portion of the site having a slope greater than 6%?
Stipulation	If yes, then the registration is administratively incomplete; request additional information.
Comment	

Biosolids Land Application Registration	
	Public notice
	<ul style="list-style-type: none"> • Has the site previously received biosolids? (R18-9-1004(C)(5)(g))
Stipulation	If no, then public notice is required.
Comment	
	<ul style="list-style-type: none"> • Has the site has been used for land application within the last three consecutive years? (R18-9-1004(C)(5)(g)(i))
Stipulation	If no, then public notice is required.
Comment	
	<ul style="list-style-type: none"> • If public notice is required, has the applicator submitted proof of placement of a public notice announcing the potential use of the site for the application of biosolids? (R18-9-1004(C)(5)(g))
Stipulation	If no proof of public notice is included, then the registration is administratively incomplete; request additional information.
Comment	
	<ul style="list-style-type: none"> • Was the public notice complete? (R18-9-1004(C)(5)(g)(i))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	<ul style="list-style-type: none"> • Did the public notice appear for at least once each week for at least two consecutive weeks in the largest newspaper in general circulation in the area in which the site is located? R18-9-1004(C)(5)(g)(i)
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	Are the biosolids pollutant concentration values reported less than the ceiling concentration in Table 1? (R18-9-1005(A))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	Are the pollutant concentrations values reported less than the Monthly Average Pollutant Concentrations levels in Table 2? (R18-9-1005(D)(1))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	Is the pH of the biosolids more than 6.5 at the time of the application? (R18-9-1007(A)(1))
Stipulation	If no, see question below.
Comment	
	<ul style="list-style-type: none"> • If no, are the biosolids treated under one of the procedures in subsections R18-9-1006(D)(2), R18-9-1006(E)(3), or R18-9-1010(A)(6)?
Stipulation	If no, see question below.
Comment	
	<ul style="list-style-type: none"> • If no, does the soil and biosolids mixture have a pH of 6.5 or higher immediately after land application?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	Are biosolids being applied at a rate less than the agronomic rate of the vegetation or crop grown on the site? (R18-9-1007(A)(7))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	For application of Class A biosolids, is the depth to groundwater at the application site greater than 5 ft? (R18-9-1007(A)(3)(a))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	



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	For application of Class B biosolids, is the depth to groundwater at the application site greater than 10 ft? (R18-9-1007(A)(3)(b)(i))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	For application of Class B biosolids, is the depth to groundwater at the application site greater than 40ft, and not applied to gravel, coarse or medium sands, or sands with less than 15% coarse fragments? (R18-9-1007(A)(3)(b)(ii))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	For application, are biosolids being applied at the application site greater than 32.8 feet from navigable waters? (R18-9-1007(A)(4))
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	Has the applicator submitted the appropriate Water Quality Protection Services Flat Fee (Initial registration = \$500.00, Registration Amendment = \$250.00)? (R18-14-109)
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	

ADDITIONAL CRITERIA	
	Are the biosolids designated as Exceptional Quality biosolids?
Stipulation	If no answer, please provide this information.
Comment	
	Are the biosolids designated as Class A biosolids?
Stipulation	If no answer, please provide this information.
Comment	
	Are the biosolids designated as Class B biosolids?
Stipulation	If no answer, please provide this information.
Comment	
	What is the planned crop to be grown on the site?
Stipulation	If no answer, please provide this information.
Comment	
	What is the agronomic rate for this crop?
Stipulation	If no answer, please provide this information.
Comment	
	What is the anticipated loading rate for biosolids?
Stipulation	If no answer, please provide this information.
Comment	



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ADDITIONAL CRITERIA	
	What is the proximity of navigable waters or washes on or near where the biosolids are to be applied?
Stipulation	If no answer, please provide this information. If the distance to navigable waters is 32.8 feet (10 meters) or less, then the registration is administratively incomplete; request additional information.
Comment	
	Are there wells on or near where the biosolids are to be applied? (identify number of wells if yes)
Stipulation	If no answer, please provide this information.
Comment	
	Does the location of the application site have the potential to impact a learning site? (ADEQ Policy – Environmental Permits & Approvals near Learning Sites, Document #: 1103.0, effective July 13, 2005)
	<ul style="list-style-type: none"> • If yes, does the location of the land application site ensure that children at the impacted learning site are protected in accordance with the procedures set forth in policy number 1103 – Environmental Permits and Approvals Near Learning Sites?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	What is the proximity of the application site to the nearest learning site (school, day care, etc.)?
Stipulation	If no answer, please provide this information.
Comment	
	Is the application site located greater than 1,000 feet from any dwellings?
Stipulation	If no, see question below.
Comment	
	<ul style="list-style-type: none"> • If the application site is located within 1,000 feet of any dwellings, has the applicator obtained permission from the dwelling owner or lessee to store the biosolids at a shorter distance from the dwelling?
Stipulation	If no, then the registration is administratively incomplete; request additional information.
Comment	
	Who will transport the biosolids to the site?
Stipulation	If no answer, please provide this information..
Comment	