



# County of Yolo

## COMMUNITY SERVICES DEPARTMENT

### Environmental Health Division

292 W. Beamer Street, Woodland, CA 95695

PHONE - (530) 666-8646 FAX - (530) 669-1448

**Leslie Lindbo, MBA, REHS**  
Director of Environmental Health

## **BIOSOLIDS PERMIT APPLICATION CHECKLIST**

**The following is a list of information that must be submitted as part of a Biosolids Permit Application. Failure to submit the required information will result in denial of the permit application.**

### **SITE**

- A list of the predominant soils on the site.
- An analysis for each significant soil type on site in accordance with the provisions of Yolo County Code section 6-12.11. The soil samples shall be collected no more than 30 days prior to the date that this application is submitted, and they shall be analyzed at a laboratory certified by the State of California for the methods used.
- The total acreage of the site.
- The net acreage to be used for biosolid application.
- Depth to groundwater at the historic shallowest known location. (must be >5 feet bgs)
- Distance to nearest occupied dwelling, school, or hospital. (must be >500 feet)
- Distance to property line. (must be >25 feet)
- Distance to roads. (must be >50 feet)
- Distance to surface water. (must be > 100 feet)
- Distance to wells. (must be >500 feet for domestic or public water supply, >200 for nondomestic water supply)
- A detailed site plan depicting the current topography and slope of the site, the site boundaries, the location of any previous (w/in the last 5 yrs.) biosolids application, the location proposed for biosolids application, current and proposed crops, biosolids staging and vehicle parking and washing areas, buildings, surface water and irrigation structures, and wells.
- A location map depicting all dwellings, schools, hospitals, roads, surface water and irrigation structures, and wells within 500 feet of the parcel boundaries of the biosolids application site.

### **BIOSOLIDS QUALITY AND QUANTITY**

- The source of the biosolids proposed for land application.
- A description of the characteristics of the biosolids to be applied, including physical, chemical, and pathogen analytical test results in accordance with Yolo County Code section 6-12.11.
- A statement certifying that the biosolids proposed to be applied have been treated to Class A or Class B pathogen requirements as set forth in Title 40 of the Code of Federal Regulations, Part 503.
- The proposed vector attraction reduction method to be used pursuant to Title 40 of the Code of Federal Regulations, Part 503.. (attach analytical results as appropriate)
- Calculations of the Cumulative Pollutant Loading Rates (CPLR) for the site, pursuant to Title 40 of the Code of Federal Regulations, Part 503. Show all assumptions and calculations.
- The proposed Annual Pollutant Loading Rates (APLR) and the calculated Annual Whole Sludge Application Rate (AWSAR) for the site, pursuant to Title 40 of the Code of Federal Regulations, Part 503. Show all assumptions and calculations.

- The recommended agronomic application rates for biosolids at the site as determined by a professional certified by the American Registry of Certified Professionals in Agronomy, Crops, and Soils (ARCPACS). The recommendation must be based on site specific soil and crop conditions and be signed by the certified professional.

### **SITE OPERATIONS**

- General description of operations at the site including site access control, biosolids staging and application, vehicle washing, crop management, and other site activities. If Class B biosolids are to be applied, please describe how the applicator shall ensure compliance with Yolo County Code section 6-12.03(u).
- A description of the proposed hours of operation at the site.
- A description of the equipment to be used and any special procedures for equipment breakdown, including provisions for backup equipment.
- The proposed soil incorporation methods. (must be capable of fully incorporating the biosolids into the soil unless plant residue levels exceed 1000 pounds per acre as described in Yolo County Code section 6-12.3)
- A description of soil and plant testing methodologies.
- A description of the applicant's experience and capability in the collection, transportation, and application of biosolids.
- A plan for spill prevention, response, and cleanup of biosolids in transit to and at the site.
- A plan for dealing with inclement weather, including provisions for run-on/run-off control and disposal of storm and irrigation water. This plan shall include actions to be taken to prevent excessive stockpiling of biosolids in the staging area or storage for greater than 48 hours prior to incorporation.
- A plan for dust control.
- A description of the measures to be taken to prevent and correct nuisances such as odor, litter, and vectors.
- A transportation plan including the source and owner of the vehicles used to transport the biosolids, the proposed delivery route to the site, the proposed frequency and hours of delivery, a description of local traffic conditions, and the proposed measures to prevent tracking of biosolids on the roadways.

### **OTHER REQUIRED INFORMATION**

- Copy of the Waste Discharge Requirements (WDR's) from each wastewater treatment facility generating biosolids to be disposed of at the site.
- A written statement showing that the grower and landowner are desirous of, and consent to receiving biosolids.
- Information regarding the site's past cultivation or grazing history, and future use under the County's General Plan.
- Evidence of notification from the applicant to the water delivery and/or drainage agency in whose jurisdiction the biosolids will be applied.
- Evidence of notification to any lenders having a mortgage or deed of trust on the property, and to any food processors or other parties who have contracted to purchase the crops or other agricultural products grown on the property, of the submission of an application to use biosolids on the property.
- Copies of all correspondence with the Central Valley Regional Water Quality Control Board regarding the application of biosolids to the site, including the Report of Waste Discharge (ROWD), WDR's, reports, notice of violation, etc.
- Evidence of insurance that meets the requirements of Yolo County Code section 6-12.08.

**OTHER ITEMS TO BE CHECKED (NOT REQUIRED AT TIME OF APPLICATION SUBMITTAL)**

- Is the site in the Delta Primary Zone, on land within any designated floodway or flowage easements designated by the Reclamation Board of the State of California, on land within a floodway as shown on FEMA maps, or on land designated as a special flood hazard by the County's Flood Ordinance? IF YES, DENY PERMIT. YCC 6-12.03(c)&(e)
- Will biosolids be applied on land having an erodibility index of eight (8) or above as classified by the USDA Natural Resources Conservation Service (NRCS)? IF YES, the biosolids application plan must be prepared by a Certified Agronomist, Soil Scientist, or a Certified Professional Erosion and Sediment Control Specialist (CPESC). This plan shall comply with existing NCRS plans. YCC 6-12.03(i)
- Will biosolids be applied to any land classified as Highly Erodible Land by NCRS? IF YES, application must comply with all aspects of the NCRS Conservation Compliance Plans for erosion control, and biosolids may not be incorporated into the soil. YCC 6-12.03(i)(1)&(2)
- Are biosolids staging and application areas at least 10 feet from any agricultural structures? YCC 6-12.03(j)(6)
- Has the Corporate Surety Bond been posted as required? YCC 6-12.09