



FACT SHEET



Animal Welfare & Our Data Centers

A DC BLOX Community Resource

DC BLOX understands that communities may have questions about animal welfare when a data center is proposed near farms, zoos, wildlife areas, or animal-care facilities. Animals are sensitive to changes in their environments, and data centers can be designed and built with that in mind. It starts with planning the project accordingly.

Consideration	How It's Addressed
Animal Habitats	Nearby habitats, animal-care areas, and conservation-related zones can be protected through site planning, lighting design, sound management, construction planning, and operating procedures.
Construction Activity	Temporary construction impacts can be reduced through planning, defined work schedules, site controls, and proactive communication.
Sound and Vibration	Operational sound can be managed through acoustic planning, equipment selection and placement, screening, enclosures, sound walls, and landscaping.
Lighting	Glare, brightness, and spillover can be reduced or eliminated through directional fixtures, shielding, lower light levels, timers, and controls for security and operational lighting.
Air Quality	Routine emissions are limited. Backup generators are only used for emergency power and limited reliability testing, not daily operations. State and federal air quality requirements apply to them.

Why does this matter?

Animal welfare depends on how a site is designed, built, and operated. A data center near farms, zoos, wildlife areas, or animal-care facilities requires a different approach than one in a more isolated industrial area. DC BLOX works with engineers, environmental professionals, local officials, and community stakeholders to support responsible development.



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Have questions?

Learn more about DC BLOX and how digital infrastructure projects connect communities like yours to the world.