

UTILITY SERVICES BY BIRDS EYE AERIAL DRONES



INNOVATIVE AERIAL SOLUTIONS TAILORED TO YOUR UTILITY NEEDS

At Birds Eye Aerial Drones (BEAD), we are committed to delivering high-precision aerial services that help you achieve new levels of efficiency, safety, and sustainability. By harnessing the power of Unmanned Aerial Systems (UAS), we provide a comprehensive suite of services designed to optimize your utility operations, reduce costs, and safeguard your infrastructure.



Recurring Aerial High-Fire Risk & Safety Visual Inspections:

Maintain operational integrity with routine aerial inspections, customized to fit your weekly, monthly, quarterly, or yearly needs.



Vegetation Monitoring, Mapping & Support:

Mitigate risks and ensure the safety of your assets with accurate, up-to-date data on vegetation encroachment.



Inspections, Mapping, Volumetrics & Orthomosaics:

Gain high-resolution insights with precise mapping, volumetric assessments, and orthomosaic imagery to keep your planning and projects on track.



Survey & Survey Support:

Enhance your surveying capabilities with aerial views that provide a level of detail and accessibility not achievable from the ground.



Progress Monitoring:

Keep tabs on capital improvement and project milestones with regular aerial progress updates that allow for accurate reporting and agile adjustments.



Aerial Photography & Videography:

Capture stunning, professional-grade imagery that showcases your projects and assets in the best light.



GIS Mapping:

Seamlessly integrate our drone data into your Geographic Information System (GIS) workflows, enriching your spatial analyses and planning.



LiDAR:

Leverage our advanced sensor technology to gather critical elevation data and generate detailed 3D models of your assets and infrastructure.



True-Ups:

Rely on our exacting accuracy to verify completed work and identify discrepancies.

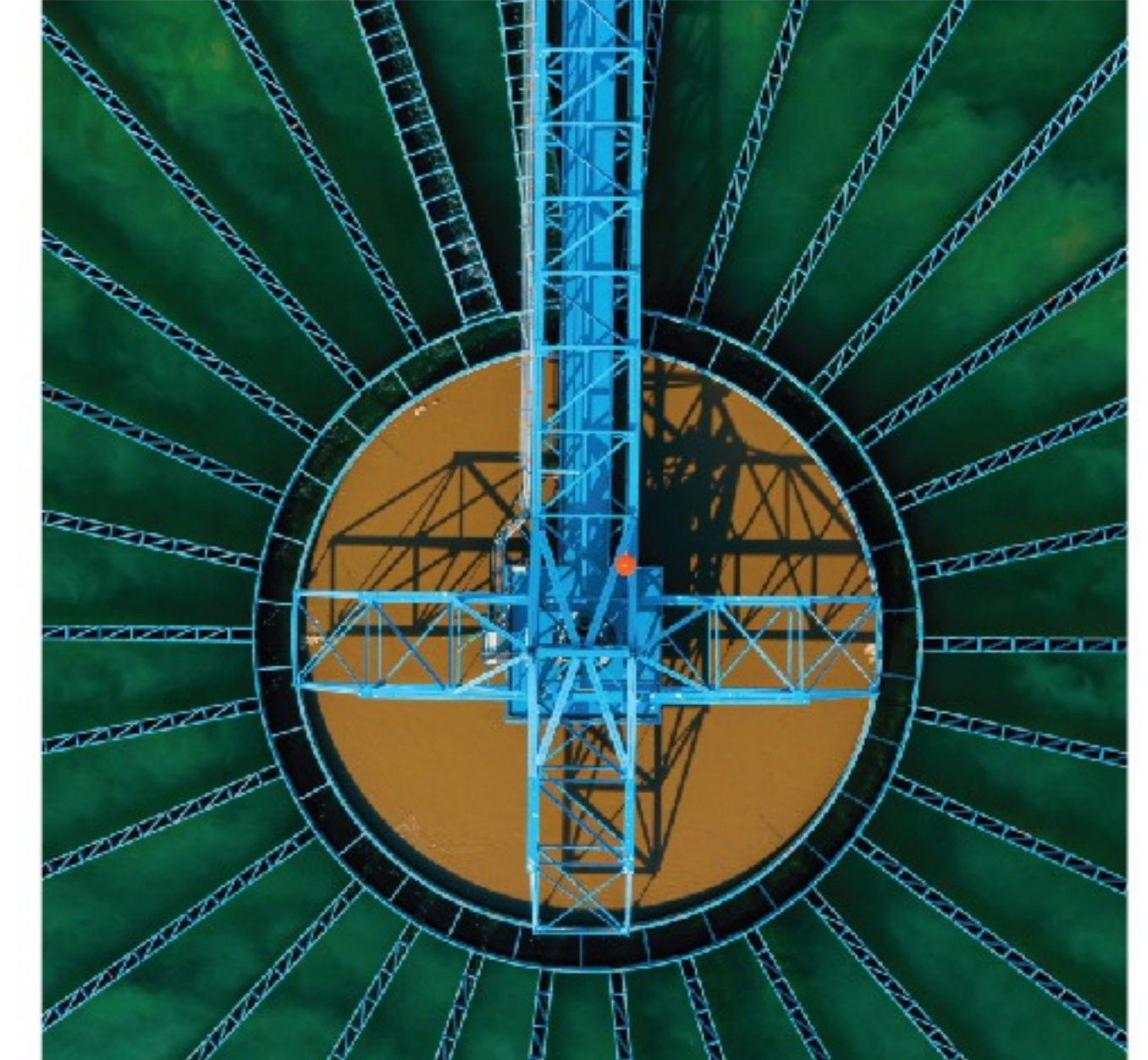
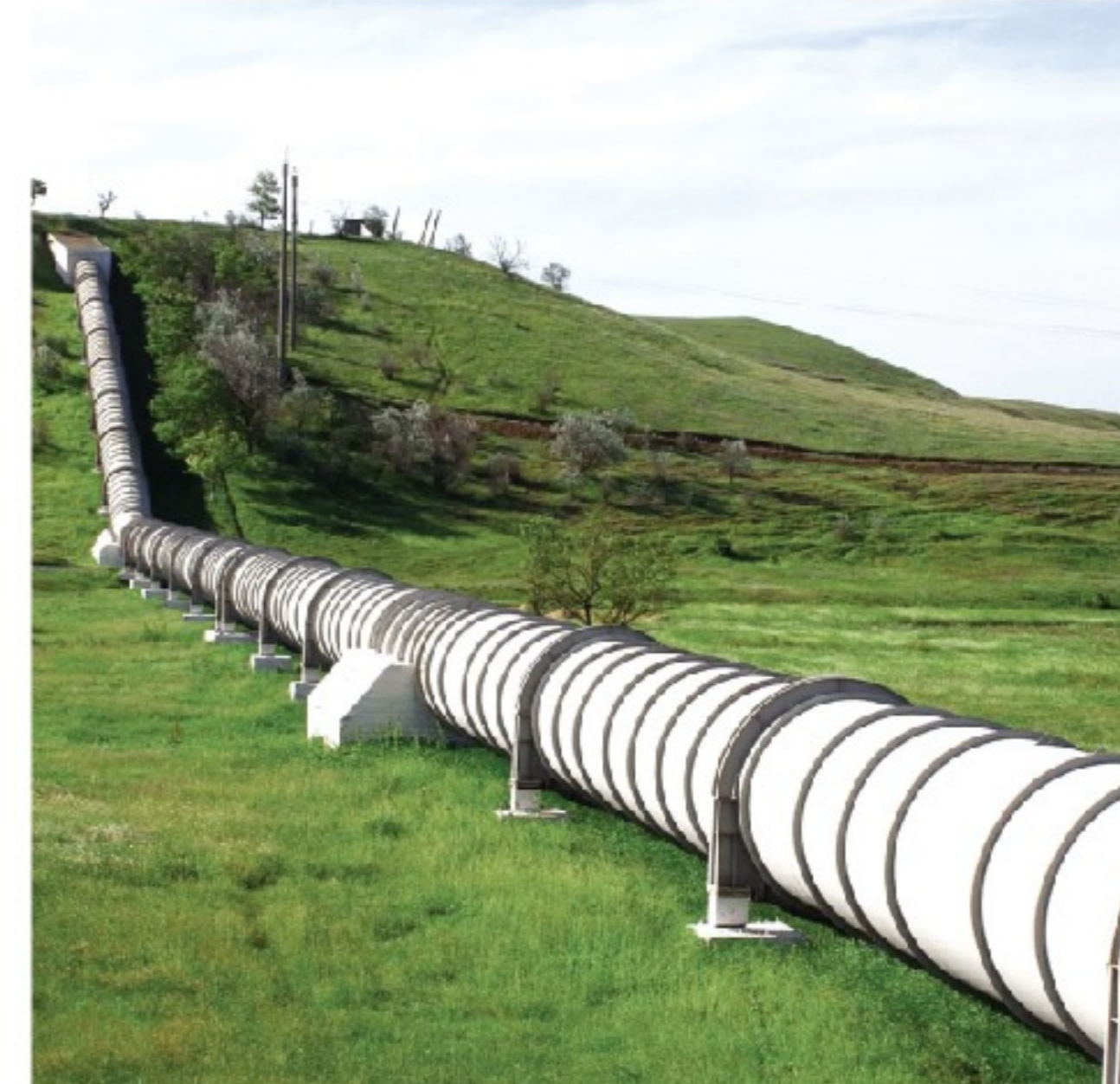
A PROVEN TRACK RECORD OF SAFETY AND PRECISION:

✔ Less than 1% Safety Incidence

✔ Less than 2% Return-to-Vendor Rate (RTV)

ONGOING MONITORING AND INSPECTIONS TAILORED FOR YOUR INDUSTRY:

We understand the unique demands of each utility sector, which is why we offer flexible monitoring schedules that align with your needs. Whether you're managing gas lines, electrical infrastructure, water reservoirs, or renewable energy sites, BEAD has the expertise to keep your assets operating smoothly:



Gas and Electric Utilities:

Monitor transmission and distribution corridors, detect vegetation encroachment, and assess infrastructure conditions to reduce risk.

Communications Companies:

Conduct regular assessments of cell towers and related infrastructure to maintain connectivity and reduce downtime.

Water Utilities:

Inspect tanks, dams, reservoirs, and waterways to safeguard water resources and ensure regulatory compliance.

Renewable Energy Companies:

Survey and inspect solar fields and wind turbines to maximize efficiency and reliability.

A Commitment to Sustainability:

At BEAD, sustainability isn't just a buzzword—it's at the core of what we do. Traditional aerial inspections often involve manned helicopters that burn approximately 100 lbs of fuel/hour, generating 22,578 lbs of carbon emissions over a 12-month project. In contrast, our electric-powered UAS produce zero emissions, making them an eco-friendly alternative to traditional inspection methods. And when you consider the environmental impact of bucket trucks and cranes, drones are the clear winner for sustainability.

Customer Success: Raising the Bar for Utility Inspections

Our clients trust us to provide exceptional service and tangible results. One utility client leveraged our UAS imaging to augment their in-house division, replacing helicopter inspections with drone technology by 80%. The result? Significant cost savings, enhanced safety, and a dramatically reduced environmental footprint.

THE BEAD ADVANTAGE:

Mitigate Safety and Environmental Concerns:

Reduce risk by eliminating the need for manned inspections in hazardous areas and decreasing CO2 emissions.

Time and Cost Efficiency:

Through streamlined, data-driven processes.

Expert, On-Call Support:

Access our experienced team with a simple billing structure.

Improved ROI:

Gain more value from your inspections with enhanced data accuracy and actionable insights.

Cutting-Edge Technology:

Stay ahead of the curve with our advanced UAS capabilities and AI-powered data management.

Launch Your Projects to New Heights

Ready to unlock the full potential of drone technology for your utility operations? Contact us today to discuss how BEAD can elevate your projects, save costs, and mitigate risks.