



Alabama
Power

Drone Usage in APC Environmental Affairs Water and Field Services Department

Drone Usage



Biology Group

- Take measurements of stream crossings that are inaccessible by foot
- Scan vast swampy areas for upland pockets that may be suitable for powerline structures
- Take better pictures of stream crossings for underground fiber projects
- Survey areas for federally listed species; bird nesting observations
- Provide video/pictures for PR
- Overall, perform surveys in a safer manner

Aquatic Resource Management

- Vegetation surveillance; infrared imaging for vegetation
- Vegetation treatment zone mapping
- Potential herbicide applications (with appropriate drone)
- Harmful algal bloom detection via aerial imagery
- Mosquito floodwater / easement identification and mapping
- Video footage of many activities around Stewardship projects