Maeve Linden

GIS Technologist

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Spatial data results

1,640 valve records — Applied a repeatable reconciliation check before migrating the assets to a new inventory.

117 duplicate IDs — Resolved collisions against installation and maintenance records with the asset owner.

12 service areas — Supplied downloadable work maps with the same layer release and visible version date.

Experience

GIS Technologist

Juniper Crossing Utilities

2022-06 – Present

- Joined as-built layers to field verification records using installation IDs, coordinate tolerance and status. Routed ambiguous joins to asset owners and retained the rejected matches in a separate QA layer.
- Verified 1,640 valve records before migration. Assigned exceptions for missing coordinates, repeated IDs and invalid retirement dates. Rechecked the approved exceptions before transferring the layer.
- Resolved 117 duplicate IDs by comparing drawing references and maintenance tickets. Confirmed the approved resolution with the asset owner and carried the final identifiers into the next upload.
- Published route packages for 12 service areas. Agreed on layer order and revision date with dispatch, then checked a selected boundary against the offline map before each release.

GIS Data Technician

North Reach Geomatics

2019-03 – 2022-05

- Digitized utility easements and field notes into project layers. Set validation rules for continuity and intersections and recorded unresolved geometry against the drawing reference.
- Converted project layers into the municipal coordinate system and verified known control points. Documented the transformation and checked the delivered layers in a fresh workspace.
- Delivered an atlas and a separate attribute dictionary. A project coordinator could identify which values had been measured in the field and which had come from older records.

Summary

GIS technologist for utility and municipal asset teams. Converts field observations into traceable spatial edits and prepares layers that maintenance planners can rely on. Comfortable investigating conflicts between drawings, survey points and existing asset records.

Education

Diploma in Geomatics Engineering Technology

Foothill Technical College

2019

Skills

ArcGIS Pro · QGIS · Field data validation · Spatial joins · Coordinate transformations · Topology checks

Languages

English · French