



Gas System Improvements Increase Collection Efficiency and Reduce Condensate Management Headaches

EIL's analysis of the gas piping network allowed the site to reduce the diameter of several new headers, saving cost and improving collection system performance.

Field engineering by EIL allowed construction crews to work around undocumented existing infrastructure with minimal downtime and without compromising system performance.

Client: Confidential
Location: Western US

Performed a network analysis of existing and proposed gas piping to identify bottlenecks and optimize pipe sizing.

- Allowed site to reduce the diameter of several new headers, saving cost and improving collection system performance.

Designed and prepared construction drawings for:

- 700 foot landfill gas header expansion working around existing and future landfill infrastructure.
- New vertical gas collection wells and gas collection laterals.
- Replacement of old undersized gas collection piping.
- New condensate knockout at flare that improves liquid collection, reduces maintenance, and increases flare uptime.

Prepared construction specifications, bid schedule, and CQA manual.

Provided CQA services and field engineered several items to work around undocumented existing infrastructure.

