

Lincoln Gilbert

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SUMMARY

Early career wastewater operator candidate with supervised training in treatment plant operations, lift station monitoring, sampling, equipment service, **operating records**, and regulatory practices. Completed hands on lab and academic work involving tank and sludge observations, pump and blower inspections, chlorinator procedures, electric motor maintenance, valve and line replacement, and routine process documentation. Holds a **State of Texas C Wastewater Certificate**, valid Texas driver's license, operator training certificate, and **high school diploma**. Training includes controlled SCBA procedures, chlorine cylinder changes, use of hand and power tools, **front end tractor** concepts, and interpretation of manuals, charts, blueprints, and written procedures. Prepared for shift work, field conditions, physical assignments, public contact, and careful escalation of unusual plant conditions to experienced operators.

EDUCATION

High School Diploma
Denton High School GPA: 4.0
Coursework: Wastewater operations, environmental science, technical mathematics, equipment safety

2024
Denton, TX

TECHNICAL SKILLS

- **Treatment Operations:** Wastewater plants, lift stations, pumping facilities
- **Sampling Practices:** Wastewater samples, sample labeling, laboratory delivery
- **Process Monitoring:** Tank levels, sludge levels, plant rounds
- **Mechanical Equipment:** Pumps, blowers, electric motors
- **Chlorination Systems:** Chlorinators, chlorine cylinders, SCBA
- **Piping Components:** Valves, lines, flow paths
- **Maintenance Tools:** Hand tools, power tools, maintenance checklists
- **Records and Reporting:** Operating records, narrative reports, statistical reports
- **Technical References:** Equipment manuals, blueprints, charts
- **Regulatory Standards:** Federal requirements, Texas requirements, local requirements
- **Material Handling:** Front end tractor, sand loading, sludge handling
- **Workplace Safety:** Protective practices, equipment checks, physical readiness

SKILLS

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|-------------------------|---------------------|--------------------|-------------------------|
| • Wastewater Operations | • Sludge Monitoring | • Blowers | • Operating Records |
| • Lift Stations | • Pump Maintenance | • Valves and Lines | • Statistical Reports |
| • Wastewater Sampling | • Electric Motors | • Hand Tools | • Regulatory Compliance |
| • Tank Monitoring | • Chlorinators | • Power Tools | |

EXPERIENCE

Wastewater Plant Operator Training Lab
Student Lab

January 2026 to September 2026
Denton, TX

Completed supervised operator training focused on treatment plant rounds, lift station checks, sampling, records, equipment service, safety procedures, and regulatory decision making.

- Completed plant rounds and lift station checks, recording tank and **sludge** conditions during supervised treatment simulations.
- Collected **wastewater samples**, labeled containers, and prepared chain records for simulated laboratory delivery.
- Compiled daily observations into monthly style narrative and statistical operating reports for instructor review.
- Inspected pumps, blowers, **chlorinators**, valves, and **electric motors** using manuals and maintenance checklists.
- Practiced chlorine cylinder changes and **SCBA** procedures during controlled safety training scenarios with instructor oversight.
- Interpreted charts, **blueprints**, manuals, and regulatory guidance before escalating unusual treatment conditions.

Wastewater Equipment Maintenance Project
Course Project

August 2025 to December 2025
Denton, TX

Built supervised maintenance planning experience for simulated **pumping facilities**, with emphasis on equipment inspection, repairs, safe tool use, and regulatory judgment.

- Built a preventive maintenance plan covering **pumps**, motors, valves, lines, **blowers**, and chlorination equipment.
- Used hand and **power tools** to inspect training components and document defects in maintenance logs.

- Diagnosed simulated pump and electric motor faults from operating symptoms and equipment documentation.
- Replaced **valves** and piping on training assemblies, restoring secure connections and normal flow paths.
- Completed **front end tractor** exercises focused on loading and moving simulated sand and sludge safely.
- Compared maintenance scenarios with federal, state, and local requirements before presenting repair recommendations.

Wastewater Compliance and Operations Study

January 2025 to May 2025

Academic Research

Denton, TX

Analyzed simulated plant records and regulatory scenarios, producing clear reports and field readiness materials for supervised operational review.

- Analyzed simulated records for **tank levels**, sludge conditions, equipment status, and sampling activity trends.
- Compared treatment scenarios with Texas wastewater requirements and federal and local regulatory principles.
- Created narrative and **statistical reports** from sample plant data with clear traceability for review.
- Reviewed weather, equipment failure, and unusual lift station cases within written operating guidelines.
- Developed a field readiness checklist covering climbing, reaching, lifting, driving, valves, and protective practices.
- Presented findings on reliable records, timely escalation, and consistent maintenance to an instructor panel.

PROJECTS

Wastewater Facility Maintenance Planning 📅 2025

Created a simulated pumping facility maintenance plan covering pumps, motors, valves, lines, blowers, chlorination equipment, inspections, and corrective records.

Wastewater Compliance Records Study 📅 2025

Reviewed simulated treatment records and regulatory scenarios, then prepared concise narrative reports supporting accurate operational review and timely escalation.

LEADERSHIP & AWARDS

- Received Outstanding Wastewater Operations Lab Performance recognition in 2026 for strong supervised plant training results.
- Earned a Continuing Education Technical Training Scholarship in 2025 for commitment to wastewater operations preparation.
- Supported peer safety demonstrations in 2026, helping classmates practice controlled procedures and equipment checks.

CERTIFICATIONS

- State of Texas C Wastewater Certificate 📅 2026
- Wastewater Operator Training Certificate 📅 2026
- Valid Texas Driver's License 📅 2024

PROFESSIONAL AFFILIATIONS

- Peer Safety Demonstration Volunteer, Wastewater Operator Training Lab, 2026.
- Community Water Stewardship Volunteer, 2025, supporting practical awareness of responsible water operations.

LANGUAGES

- English (Native)
- Spanish (Beginner)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST