



Tara McClinton

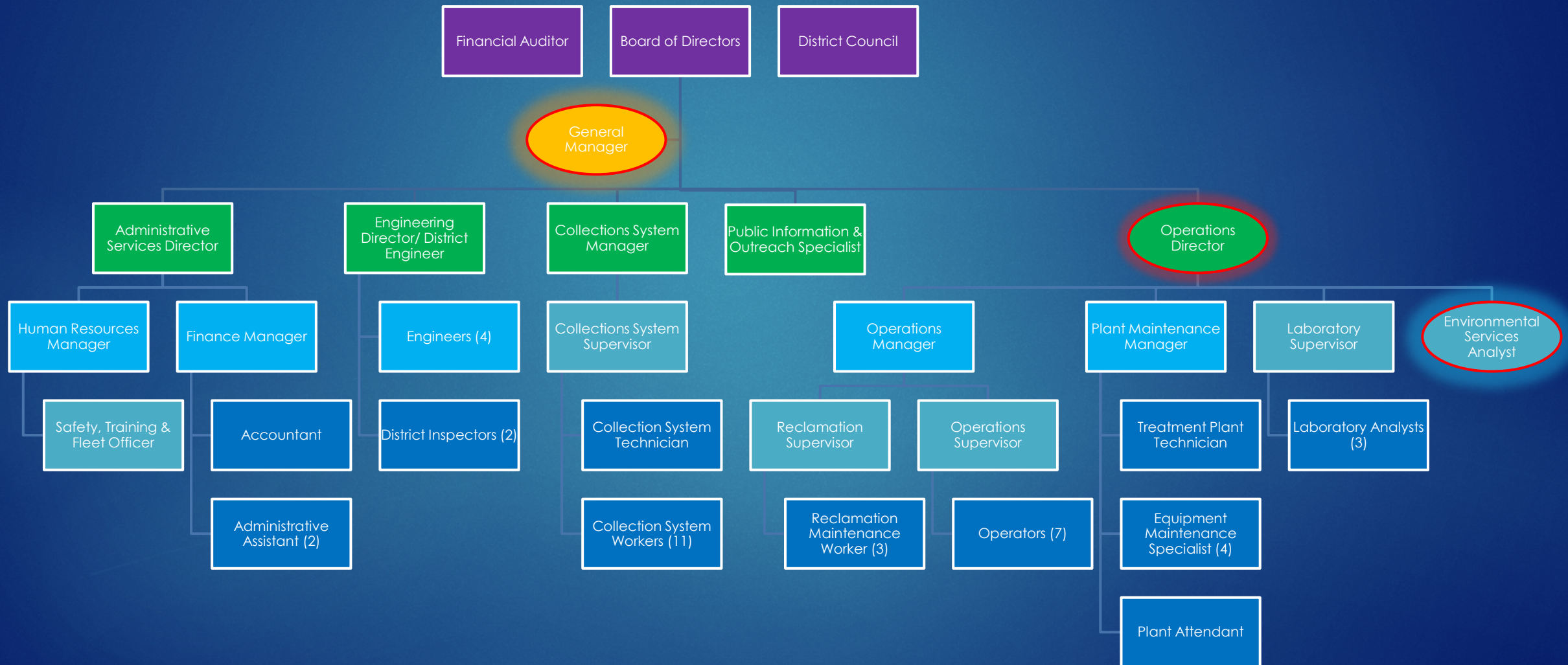
Lab Analyst (2006-2024)

Environmental Services Analyst
aka Pretreatment Coordinator
(2024-current)

NapaSan Fun Facts

POPULATION	83,300
SERVICE AREA	CITY OF NAPA & SOME NAPA COUNTY
SECONDARY TREATMENT	AERATION BASINS & PONDS (343-ACRES)
TERTIARY TREATMENT	SAND FILTERS & CHLORINATION
SOLIDS MANAGEMENT	1,200 DRY TONS/YEAR – FIELDS/CROPS
DRY WEATHER FLOW	6 MGD
WET WEATHER FLOW	30 MGD
DRY WEATHER CAPACITY	15.4 MGD*
RECLAIMED WATER	~800,000 MGY
# of EMPLOYEES	57

NapaSan Organizational Structure



Pretreatment Responsibilities

▶ **INDUSTRIAL USERS**

- Education, permitting, monitoring, enforcement, fee calculations, IU Surveys

▶ **ZERO WASTE DISCHARGERS**

- Permitting, inspections

▶ **WASTE HAULERS (Septic & FOG)**

- Permitting, enforcement

▶ **GROUNDWATER DISCHARGERS**

- Permitting, inspections

▶ **MISCELLANEOUS PERMITS**

- Pools, Special Events

▶ **DENTAL AMALGAM**

- Surveys

▶ **REGULATORY**

- Pretreatment Annual Report, Pretreatment Audits, CDFA Audits

▶ **FOG (FSEs & Sand Oil)**

- Education, inspections, scheduling, presentations, outreach

▶ **AMALGAM**

- Surveys

▶ **BACKFLOW**

- Education, tracking

▶ **PROJECTS & STUDIES**

- Quaternary ammonia compounds, Pretreatment Emergency Response Plan, Pretreatment Guidance Manual, CROMERR

Our Regulated Community

PERMIT TYPE	#	DESCRIPTION
SIU	1	Napa State Hospital
IUs	17	wineries, brewery, smoked fish
Zero Waste Discharger	35	wineries, wine filtration, distillery, brewery, float spa, tortilla chips, label printer
Groundwater	2+	remediation, construction-PGE
Waste Hauler	11	FOG (FSE only), Septic (Portable toilet, septic tank)

Food Service Establishments & Sand Oil	320
Recycle Water Backflow Assemblies	81

Pretreatment Tools

► SOFTWARE

- **CityWorks** - tracking FOG inspections and Backflow reports
- **GIS** - tracking and identifying assets
- **CommDev** – accessing Engineering files, e.g. plans and permits
- **Temetra** – accessing recycle water user data
- **Tyler** – budgeting and timecard

► VEHICLE

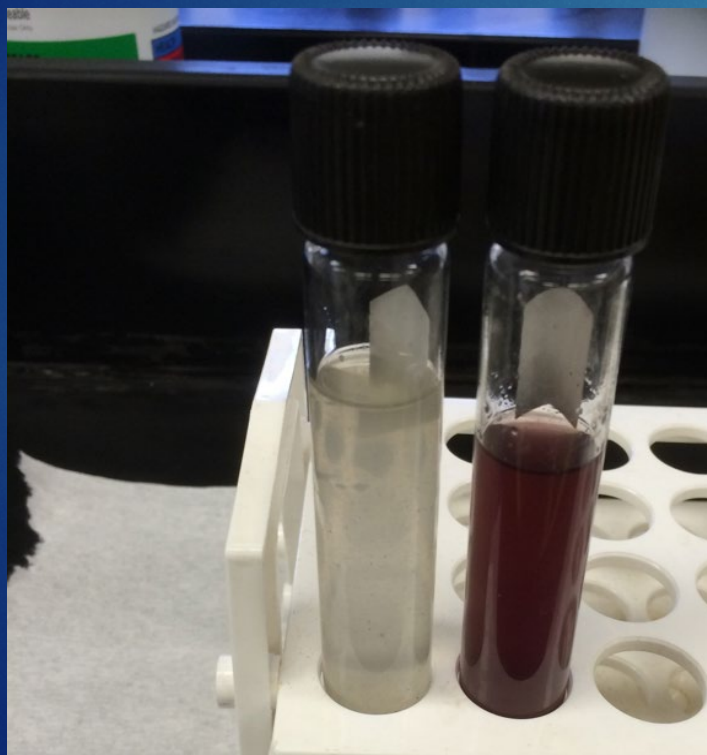
- 2026 Ford Maverick
- Custom Truck bed cap
- Roof-mounted pole holders

► FOG INSPECTIONS

- iPad (Photos & Time saver!!!)
- DipStick Pro and extension
- Manhole hook and gas detector
- Other small tools
- Folders with letter, BMPs, scraper

Incidents & Investigations

2014 South Napa
Earthquake



2024+ Quaternary NH_3
Compounds



2025 Exploding
Manole



Key Takeaways



- Building relationships goes a long way
- Education before enforcement
- Collaboration strengthens investigations
- Documentation is invaluable
- Continuous improvement strengthens resiliency

Thank you for your time!

