



# Energy and Water Management Plan

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## *Section 1: Instructions*

[Texas Government Code §447.009](#) requires each state agency and institution of higher education to set and report percentage goals for reducing its usage of water, electricity, transportation fuel, and natural gas. Per [34 Tex. Admin. Code §19.14 \(2016\)](#), these goals must be included in a comprehensive energy and water management plan (EWMP) submitted every fiscal year to the State Energy Conservation Office (SECO) by **Oct. 31**. This requirement is intended to streamline and standardize the energy reporting requirements of state agencies and institutions of higher education.

Please complete Section 2: Agency Information and Section 3: Providing Agency or Section 4: Tenant Agency, as applicable, for **Fiscal Year 2020**. Save this form as "EWMP-Agency-FY2020.docx" and return this form by email to [seco.reporting@cpa.texas.gov](mailto:seco.reporting@cpa.texas.gov) no later than **Oct. 31**.

Please visit the [SECO's Energy and Reporting website](#) for more information. For questions about reporting, please contact [seco.reporting@cpa.texas.gov](mailto:seco.reporting@cpa.texas.gov) or call 844-519-5676.

## *Section 2: Agency Information*

*Please provide the name and number (if applicable) of the agency that is submitting an Energy and Water Management Plan.*

Agency Name: Texas A&M Veterinary Medical Diagnostic Laboratory

Agency Number: 557

*Please provide the contact information for the person(s) responsible for implementation of the recommendations in the plan and the contact information for the person(s) responsible for reporting and submitting the plan, if different.*

### ***Implementation Contact***

Name: Vic S. Seidel

Title: Chief Financial Officer

Email: vseidel@tvmdl.tamu.edu

Phone: 979-458-3254

### ***Reporting/Submission Contact***

Name: click to enter

Title: click to enter

Email: click to enter

Phone: click to enter

### Section 3: Providing Agency

Does your agency occupy or manage a state-owned building and pay the utilities?

Yes  No

If NO, please skip to [Section 4: Tenant Agency](#).

If YES, please complete the following:

Have you submitted, or will you be submitting by October 31, FY 2020, energy and water usage data for your agency and properties using the [ENERGY STAR Portfolio Manager](#) tool?

Yes  No

#### Progress Report

*The Progress Report section must outline the progress of activities related to the implementation of projects from the previous Energy and Water Management Plan (if applicable), including continuation of or new preliminary energy audits, a summary of the results, utility efficiency and cost savings. Agencies should periodically conduct preliminary energy audits to identify new utility savings opportunities.*

The Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL) is an institution of higher education operating four laboratories across the state. The majority of occupied space (76%) is in College Station, Texas on the campus of Texas A&M University, while 19% is in Canyon, Texas on the campus of West Texas A&M University. Laboratory space located on these campuses is reported with that university, and included in their Energy and Water Management Plan.

5% of space is not located on a university campus and is managed by local TVMDL employees in Center and Gonzales Texas. TVMDL energy efficiency programs are largely employee education related. The agency and its employees strive to be good tenants by proactive involvement with conservation programs and efficiency activities. Currently, TVMDL is participating in HVAC night setbacks in its Gonzales laboratory,

#### Goals

*The Goals section must summarize the future goals for utility conservation. Pursuant to [Texas Government Code §447.009](#), each state agency and institution of higher education shall set percentage goals for reducing the agency's or institution's use of water, electricity, transportation fuels and natural gas. The percentage goal should state a target year and reference the target goal relative to a benchmark year.*

TVMDL strives to be an energy and water efficient agency. Goals set are modest, as some utility costs can be tied to an increase in the hours of operation in our laboratories. Laboratories routinely offer after hours services for necropsy of animals. This service part of the agencies mission: to promote animal health and protect agricultural, companion animal and public health in Texas – and beyond – through excellence in veterinary diagnostic services.

The goals listed below are for space in Center, and Gonzales Texas:

Utility	Target Year	Benchmark Year	Percentage Goal
Water	FY2021 – 72.02 Mg	FY2020 – 7,202 Mg	1%
Electricity	FY2021 – 2,287 kWh	FY2020* - 228,679 kWh	1%
Transportation Fuels	N/A	N/A	Do not have fleet

Natural Gas	FY2021 – 26.75 Ccf	FY2020 – 2,675 Ccf	1%
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\*[Texas Government Code Section 388.005\(c\) and \(f\)](#). Entities who began energy conservation tracking prior to September 1, 2007 or in attainment areas, may substitute their own electricity benchmark year.

**Strategy for Achieving Goals**

The Strategy section must describe how the agency or institution plans to prioritize and implement cost effective utility efficiency measures in order to meet the established utility conservation goals.

TVMDL plans to replace failed fixtures with LED replacements during FY21 in both Center and Gonzales.

**Implementation Schedule**

The Implementation Schedule section must outline a proposed timeline for implementing utility cost reduction measures and a strategy for monitoring utility savings of the installed utility measures.

As fixtures fail, TVMDL will invest in LED replacements.

**Finance Strategy**

The Finance Strategy section must describe how the agency or institution plans to obtain funding for the recommended utility cost reduction measures. This section should show the estimated cost of all projects and the funding sources to be used.

TVMDL will fund investments with existing revenues (Fee Revenues and General Revenue.)

**Transportation Fuel Consumption (if applicable)**

If your agency maintains one or more state-owned vehicles and **does not** report fuel usage via the [Texas Fleet System](#), document the total gallons of transportation fuel used by your facility and fleet vehicles below.

Does your agency maintain one or more state-owned vehicles?  Yes  No

Does your agency report its fuel usage via the [Texas Fleet System](#)?  Yes  No  No Vehicles

Transportation Fuel Type	Amount
Unleaded Gasoline*	click to enter use in kgal
Diesel	click to enter use in kgal
Bio-Diesel	click to enter use in kgal
E85 (Flex Fuel)	click to enter use in kgal
Compressed Natural Gas (CNG)	click to enter use in kgal
Unleaded for Gas Hybrids	click to enter use in kgal
Liquified Petroleum Gas (LPG)	click to enter use in kgal
Ethanol	click to enter use in kgal

\*Do not include unleaded gasoline for gasoline hybrids

**Employee Awareness Plan**

The Employee Awareness Plan section must outline how the agency will make employees aware of utility cost reduction measures, both directly (affecting change in behavior) and indirectly (not designed to affect behavior).

TVMDL strives to be a good tenant and has been proactively involved in supporting the efficiency and conservation programs and activities of those whose facilities we occupy. TAMU has an Energy Stewardship Program, which includes an Energy Stewardship Team, TAMU Utilities & Energy Services Website, and an Energy Action Plan. TVMDL uses these services as a guide to foster efficiency at its laboratories not on the TAMU campus.

**Section 4: Tenant Agency – Not Applicable**

**Progress Report**

The Progress Report section must outline the progress of the implementation of projects from the previous Energy and Water Management Plan or Resource Efficiency Plan (if applicable), including a summary of the results of the projects in terms of utility efficiency and cost savings.

N/A - click to enter your agency’s Progress Report

**Transportation Fuel Consumption (if applicable)**

If your agency maintains one or more state-owned vehicles and **does not** report fuel usage via the [Texas Fleet System](#), document the total gallons of transportation fuel used by your facility and fleet vehicles below.

Does your agency maintain one or more state-owned vehicles?  Yes  No

Does your agency report its fuel usage via the [Texas Fleet System](#)?  Yes  No  No Vehicles

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Compressed Natural Gas (CNG)	click to enter use in kgal
Unleaded for Gas Hybrids	click to enter use in kgal
Liquified Petroleum Gas (LPG)	click to enter use in kgal
Ethanol	click to enter use in kgal

\*Do not include unleaded gasoline for gasoline hybrids

**Employee Awareness Plan**

The Employee Awareness Plan section must outline how the agency will make employees aware of direct utility consumption. Plans might include employee training, signage or recognition programs