

P2 REPORTS: HOW TO BE A POLLUTION PREVENTION PRINCESS

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ADDRESS THESE POINTS!


1. BRIEF DESCRIPTION OF THE TREATMENT PLANT/
PROCESSES AND SERVICE AREA
2. DISCUSSION OF THE CURRENT POLLUTANTS OF
CONCERN
3. IDENTIFICATION OF SOURCES FOR THE
POLLUTANTS OF CONCERN
4. IDENTIFICATION OF TASKS TO REDUCE THE
SOURCES OF THE POLLUTANTS OF CONCERN
5. OUTREACH TO EMPLOYEES





ADDRESS THESE POINTS!

6. CONTINUATION OF PUBLIC OUTREACH PROGRAM
7. DISCUSSION OF CRITERIA USED TO MEASURE POLLUTANT MINIMIZATION PROGRAM
8. DOCUMENTATION OF EFFORTS AND PROGRESS
9. EVALUATION OF POLLUTANT MINIMIZATION PROGRAM AND TASK EFFECTIVENESS
10. IDENTIFICATION OF SPECIFIC TASKS AND TIME SCHEDULE FOR FUTURE EFFORTS

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- **UPLOAD REPORT TO CIWQS**
 - TECHNICAL ISSUES → NOTIFY AND DIRECTLY SUBMIT REPORT TO ALESSANDRA VIA EMAIL
 - **INCLUDE CERTIFICATION STATEMENT IN REPORT**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." (40 CFR 122.22(d).)

(Signature)

Name of Legally Responsible Official
Job title
Discharger
Date

*** Signature requirement is fulfilled
by uploading report to CIWQS.**

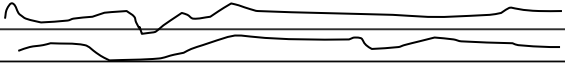
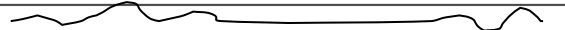
RIBBIT
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CIWQS
CIWQS



HOW WE LOOK AT THE REPORTS

Pollution Prevention 2017 Annual Report				
Discharger	Date Submitted (due 2/28/18)	Place ID		
Section	Criteria	Completed	Notes	
VI.C.3.b.i	Brief description of treatment plant	✓		
VI.C.3.b.ii	Discussion of current pollutants of concern	✓		
VI.C.3.b.iii	Identification of sources for pollutants of concern	✓		
VI.C.3.b.iv	Identification of tasks to reduce the sources of pollutants of concern	✓		
VI.C.3.b.v	Outreach to Employees	✓		
VI.C.3.b.vi	Continuation of Public Outreach Program	✓		
VI.C.3.b.vii	Discussion of criteria used to measure Pollutant	✓		
VI.C.3.b.viii	Documentation of Efforts and Progress	✓		
VI.C.3.b.ix	Evaluation of Pollutant Minimization Program and Task Effectiveness	✓		
VI.C.3.b.x	Identification of specific tasks and timelines for future	✓		

Submitted on time



POLLUTANTS OF CONCERN



Nickel: The primary reason for including as a POC is that there is an existing LL. The WRF was in consistent compliance with Nickel in 2017. Domestic influent nickel influent levels showed a decreasing trend in 2017, while industrial influent showed an increasing trend. However, industrial influent shows a decreasing trend over five years.

Criteria	Completed	Notes
Brief description of treatment plant		
Discussion of current pollutants of concern	√	Nickel, existing local limit
Identification of sources for pollutants of concern		
Identification of tasks to reduce the sources of pollutants of concern		
Outreach to Employees		
Continuation of Public Outreach Program		
Discussion of criteria used to measure Pollutant		
Documentation of Efforts and Progress	√	Decreasing trend over the last 5 years
Evaluation of Pollutant Minimization Program and Task		
Identification of specific tasks and timelines for future		



Nickel

Goal: Identify potential nickel sources in the City. Attempt to control and/or eliminate the increasing concentration trend of nickel in the Industrial Influent.

Source	Message	Implementation	Evaluation Criteria	Results
Vehicle Service Facilities	Follow BMPs to minimize Nickel entering the waste stream	Continue permitting and inspection program of vehicle service facilities, mail BMPs to Users	<ul style="list-style-type: none"> % permitted % in compliance % receiving BMPs 	<ul style="list-style-type: none"> 100% of facilities permitted 100% compliance 0% received BMPs
Machine Shops	Follow BMPs to minimize Ni entering waste stream	Issue BMPs to potential Nickel contributors	<ul style="list-style-type: none"> # facilities receiving BMPs 	<ul style="list-style-type: none"> 0% facilities received BMPs

Criteria	Completed	Notes
Brief description of treatment plant		
Discussion of current pollutants of concern	√	Nickel, existing local limit
Identification of sources for pollutants of concern	√	Vehicle Service Facilities Machine Shops
Identification of tasks to reduce the sources of pollutants of concern	√	Continue permitting and inspection of vehicle service facilities Issues BMP to Nickel Contributors
Outreach to Employees		
Continuation of Public Outreach Program		
Discussion of criteria used to measure Pollutant	√	% Permitted, % Compliance, %
Documentation of Efforts and Progress	√	Decreasing trend over the last 5 years
Evaluation of Pollutant Minimization Program and Task	√	100% of facilities permitted and in
Identification of specific tasks and timelines for future		

INCLUDE AN “OUTREACH TO EMPLOYEES” SECTION!!



In 2013, the District reinstituted a quarterly District employee newsletter to help keep all employees informed of District news and activities, including P2 programs and efforts. In addition, the District uses the e-mail system to keep employees informed of P2 issues, such as Spare the Air Days.

Career Training

To train a skilled workforce for Bay Area wastewater treatment plants and utilities, DSRSD participates in the Bay Area Consortium of Water and Wastewater Education (BACWWE). This 19-agency partnership teams with Solano Community College to offer college-level training in water and wastewater operations.



5.3 Training

In 2021, employees continued to attend virtual conferences and webinars provided by the California Water Environment Association (CWEA), the California Association of Sanitation Agencies (CASA), and the National Association of Clean Water Agencies (NACWA).

PUBLIC OUTREACH PROGRAM



CITY OF
**PALO
ALTO**

MEDICATION EDUCATION & DISPOSAL

What should you do
with your expired or
unwanted medicines?



There are a number of ways to dispose of
expired or unwanted medicines:



PURPLE IS THE NEW GREEN

RECYCLED WATER USE CONSERVES DRINKING WATER.

Whenever you see a purple pipe or purple sprinklers in a park or commercial landscape you know that high quality recycled water is being used. Recycled water is treated wastewater that receives additional filtration and disinfection to meet rigorous State standards for safe reuse.



4797 IMHOFF PL, **MARTINEZ** (680 & HWY 92)

OLD PAINT, BATTERIES, CLEAN
WE TAKE IT



CENTRALSAN.ORG



KEEP MERCURY OUT OF THE ENVIRONMENT



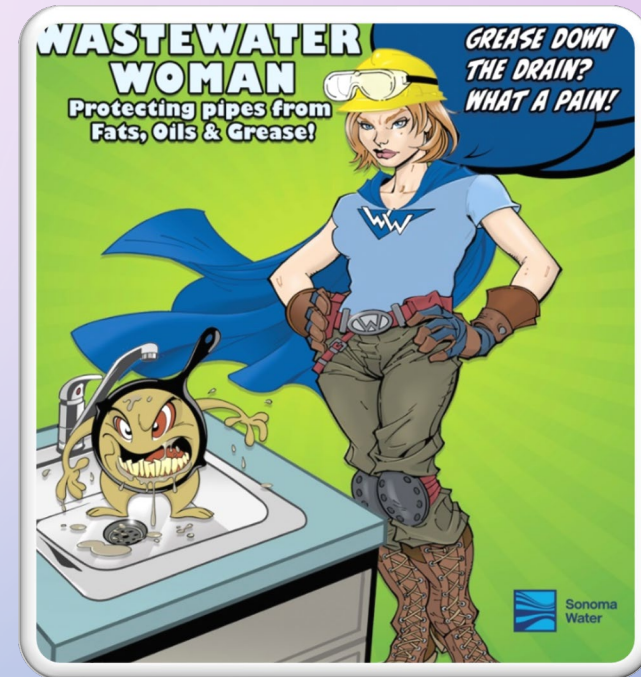
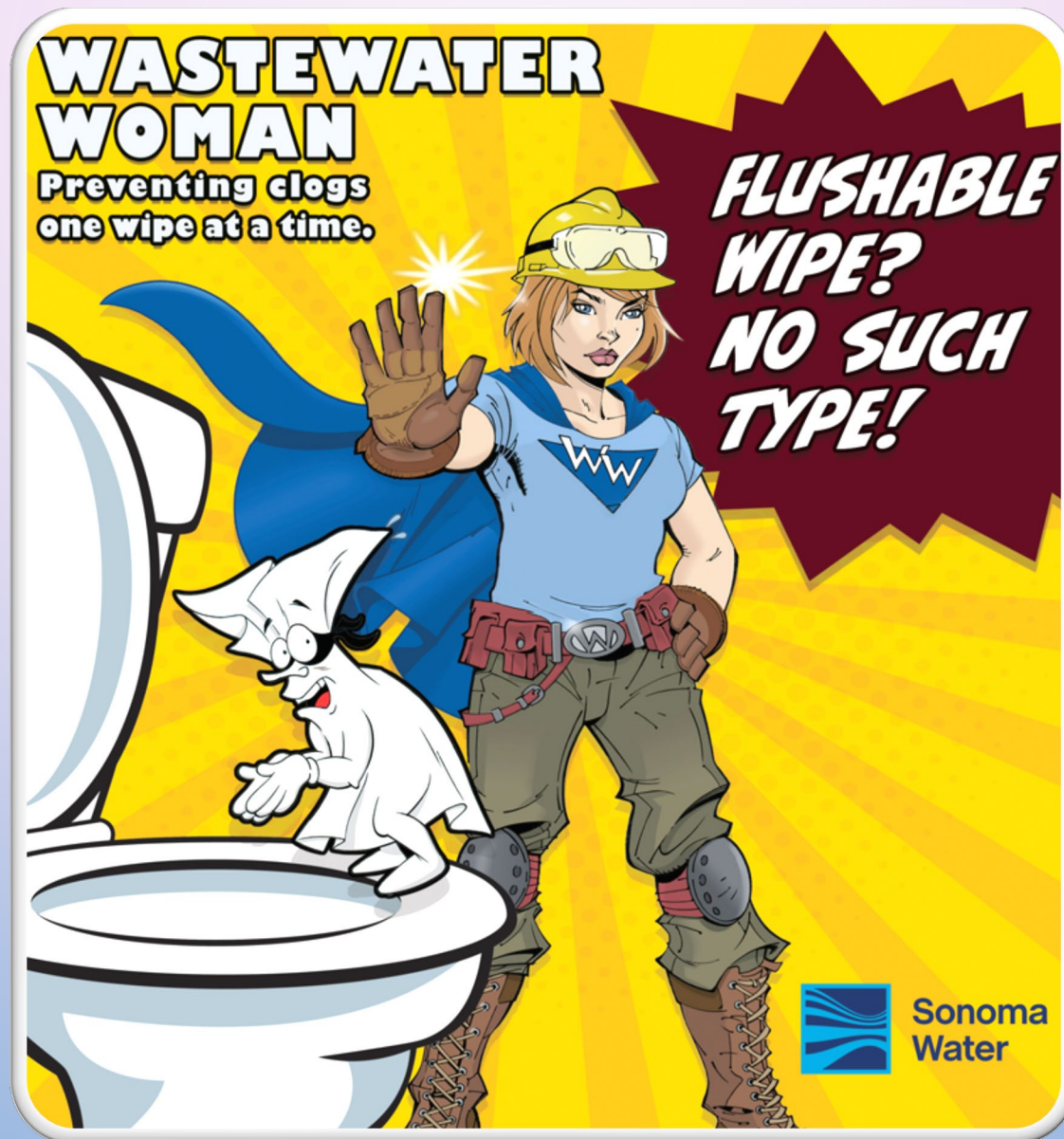
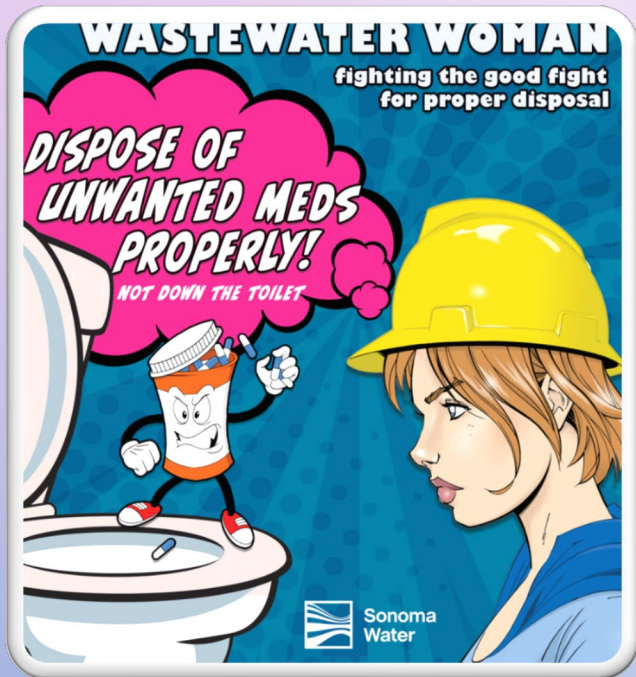
Mercury-containing products are disposed of properly, the small amount of mercury in them can enter the environment and contaminate waterways.

Join our efforts to contain, reduce and eventually eliminate mercury in the environment by continuing to properly dispose of mercury-containing products.

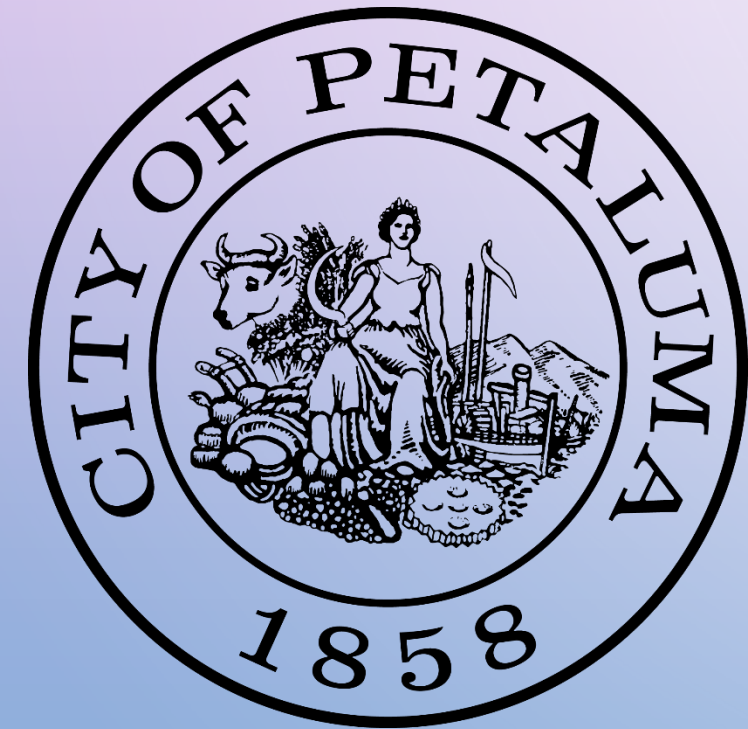
HOW CAN YOU HELP?

- Never dispose of mercury-containing products down your drains, in the trash, or into storm drains.
- Properly dispose of mercury-containing products, such as fluorescent bulbs, tubes and coils, button batteries, glass thermometers, and thermostats.
- For proper disposal methods, visit recycling.inSunnyvale.com





IDENTIFICATION OF SPECIFIC TASKS AND TIMELINES FOR THE FUTURE



Public Outreach 2018 Goals for the ECWRF:

Host a booth at the Sonoma Marin Fairgrounds to increase public awareness of pollution prevention activities.

Host the regional algebra academy for English second learners.

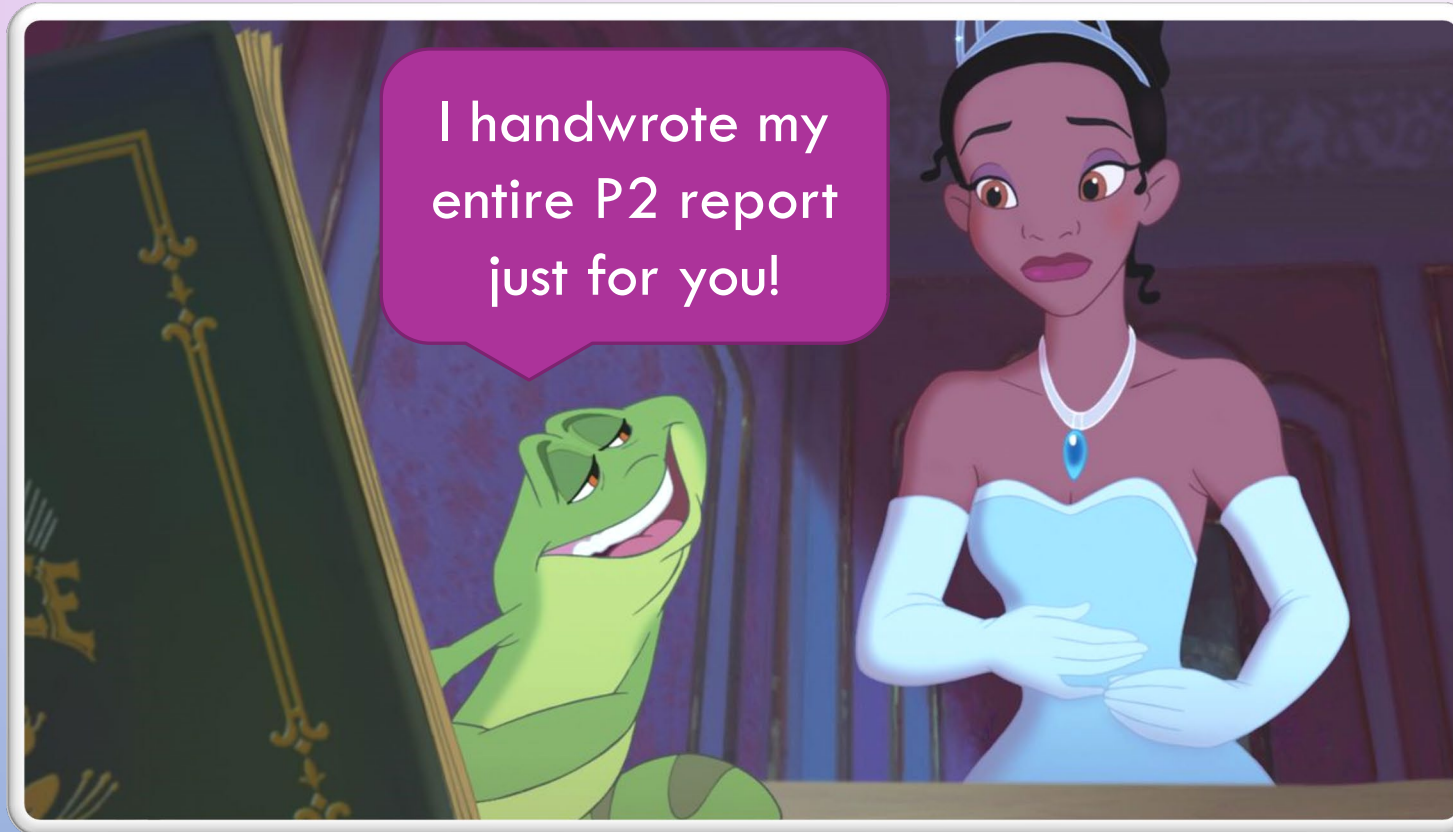
Participate in Petaluma River Cleanup events.

Develop and disseminate a letter for restaurants reminding restaurant staff and owners about pollution prevention activities required by the Petaluma Municipal Code.

Promote outreach that educates the public on ways to reduce pollution.

Host a booth at the Petaluma Farmers Market to increase public awareness of pollution prevention and water conservation.

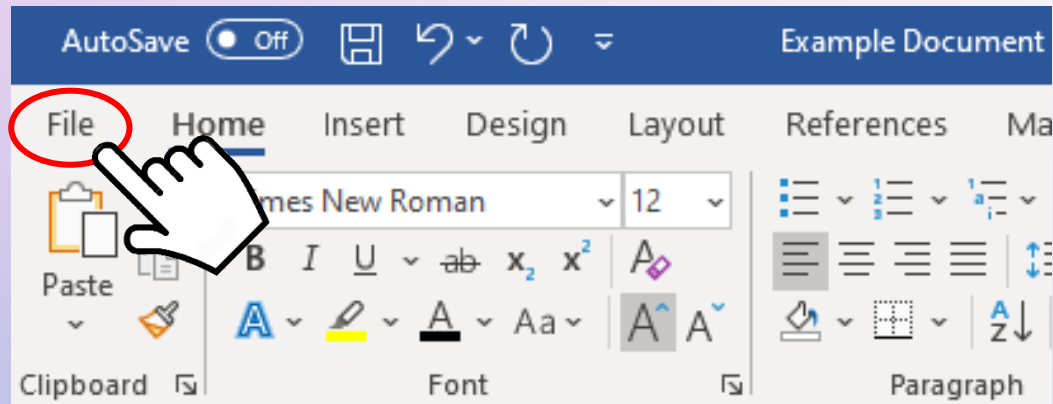
P-DO'S AND P-DON'TS



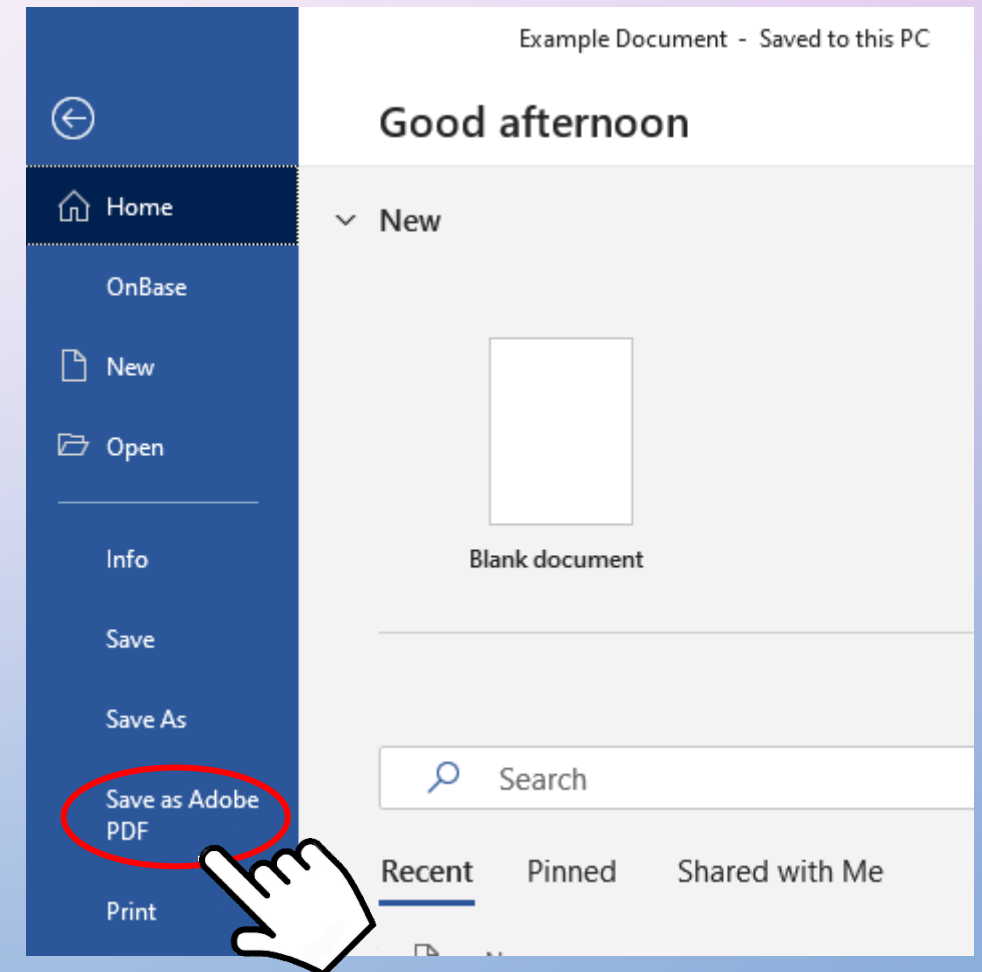
- **DON'T** ATTACH THE BACWA ANNUAL REPORT
 - INSTEAD, REFERENCE IT WHERE APPLICABLE
- **DO** INCLUDE A TABLE OF CONTENTS
- **DO** DEFINE ACRONYMS AND ABBREVIATIONS
- **DO** KEEP REPORTS UNDER 50 PAGES IF POSSIBLE (NOT INCLUDING APPENDIXES/ IMAGES)
- **DO** INCLUDE A HEADER FOR EACH SECTION
- **DO** SAVE FINAL REPORT AS A PDF – **DON'T** SCAN

SAVING REPORTS IN PDF FORMAT: VERSION 1

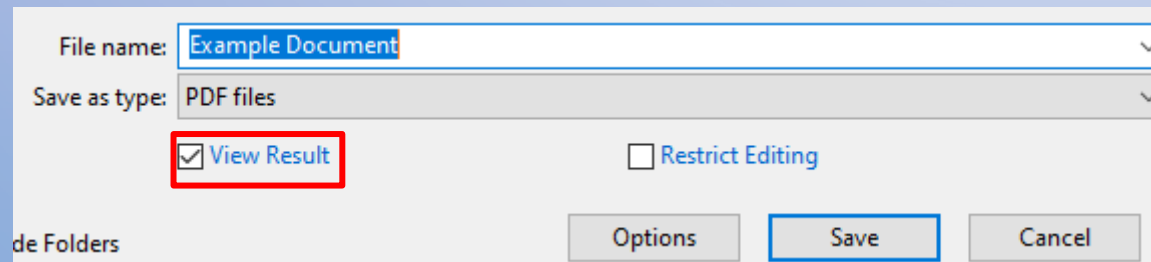
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STEP 2: Click on “Save as Adobe PDF” in the left sidebar.

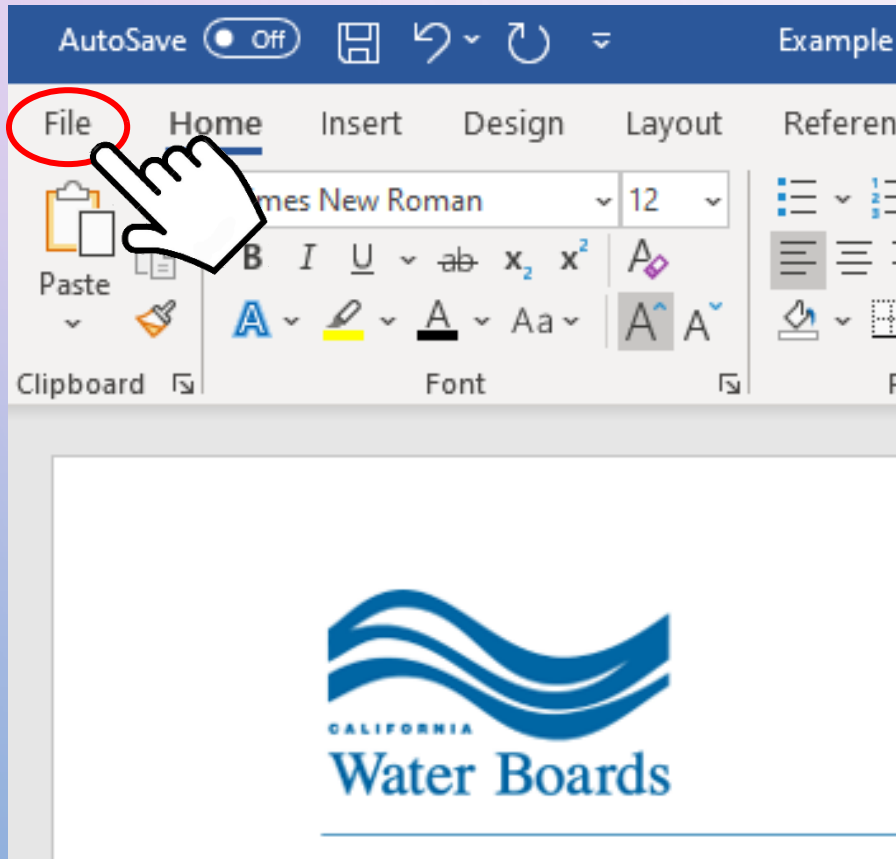


STEP 3: At the bottom of the pop-up that appears, make sure (1) your document name is correct and (2) the file type next to “Save as type” is “**PDF files.**” Click “Save.”

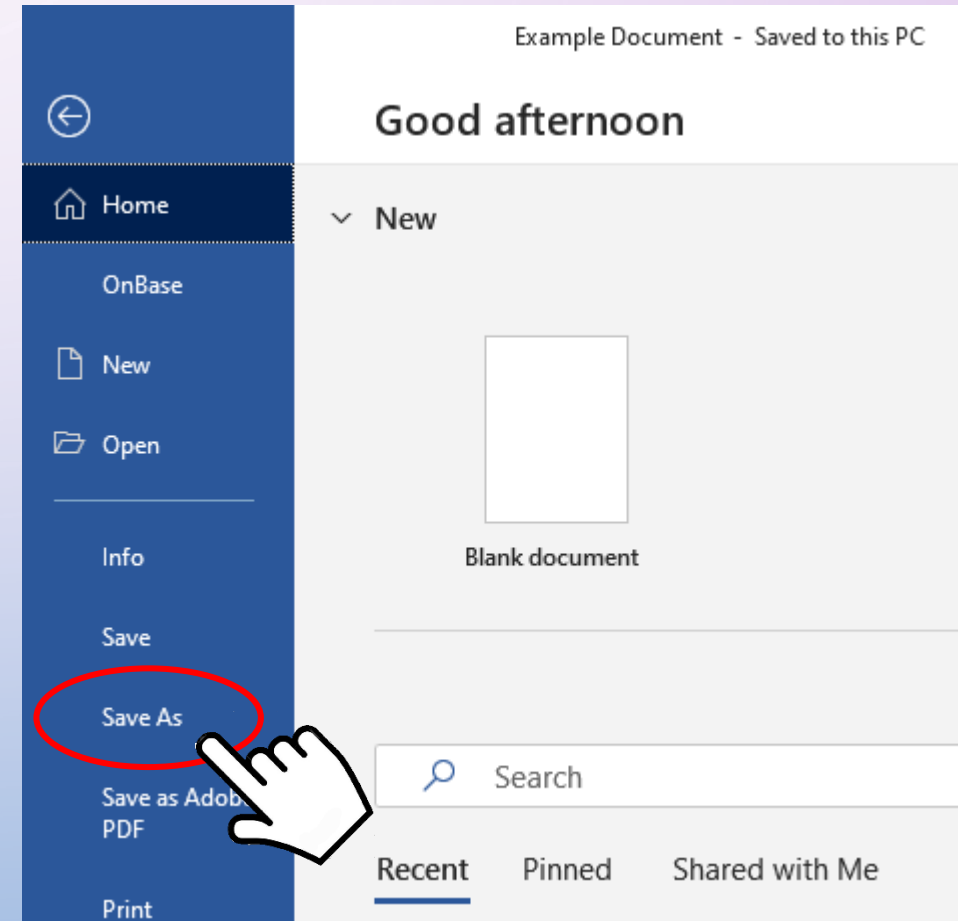


SAVING REPORTS IN PDF FORMAT: VERSION 2

STEP 1: Click on “File” in upper left corner of your Microsoft Word document.



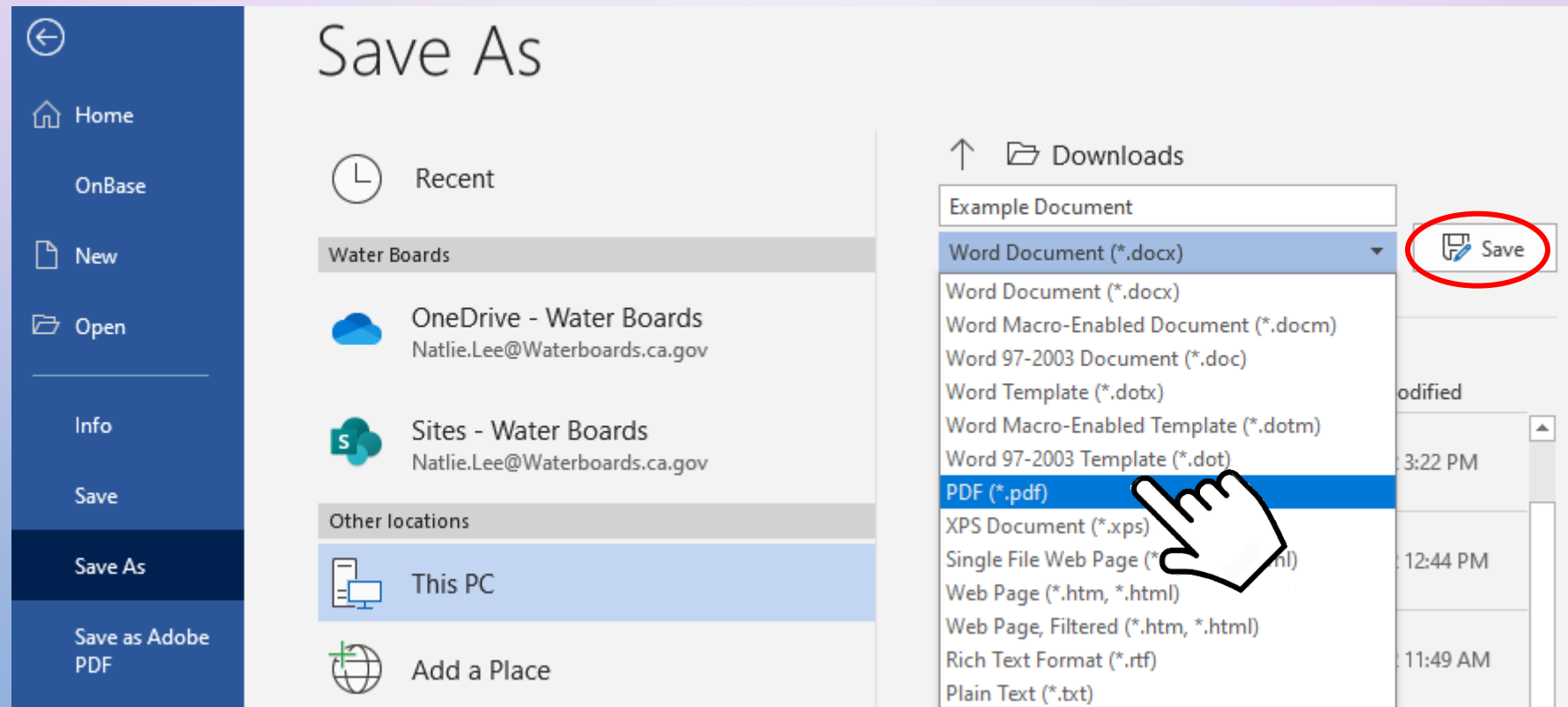
STEP 2: Click on “Save As” in the left sidebar.



SAVING REPORTS IN PDF FORMAT: VERSION 2

STEP 3: On the right side of the interface, make sure (1) your document name is correct, and (2) the file type is changed from “**Word Document (*.docx)**” to “**PDF (*.pdf)**”.

STEP 4: Click “Save” and you’re done!





EVERYONE CAN BE A POLLUTION PREVENTION PRINCESS!

- DON'T HESITATE TO EMAIL WITH ANY QUESTIONS:
Alessandra.Moyer@waterboards.ca.gov
- THIS PRESENTATION IS NON-REGULATORY AND DOES NOT TAKE THE PLACE OF NPDES PERMIT REQUIREMENTS.