

Integrated Waste Management Policy Update

Go Green Initiative

&

Local Leaders of the 21st Century Clubs

GGI Interns & Local Leaders of the 21st Century

[Click here](#) for YouTube Video



Initial Steps

Step 1: Feb. 2018

- Board Passes Integrated Waste Management Policy

Step 2: March 2018

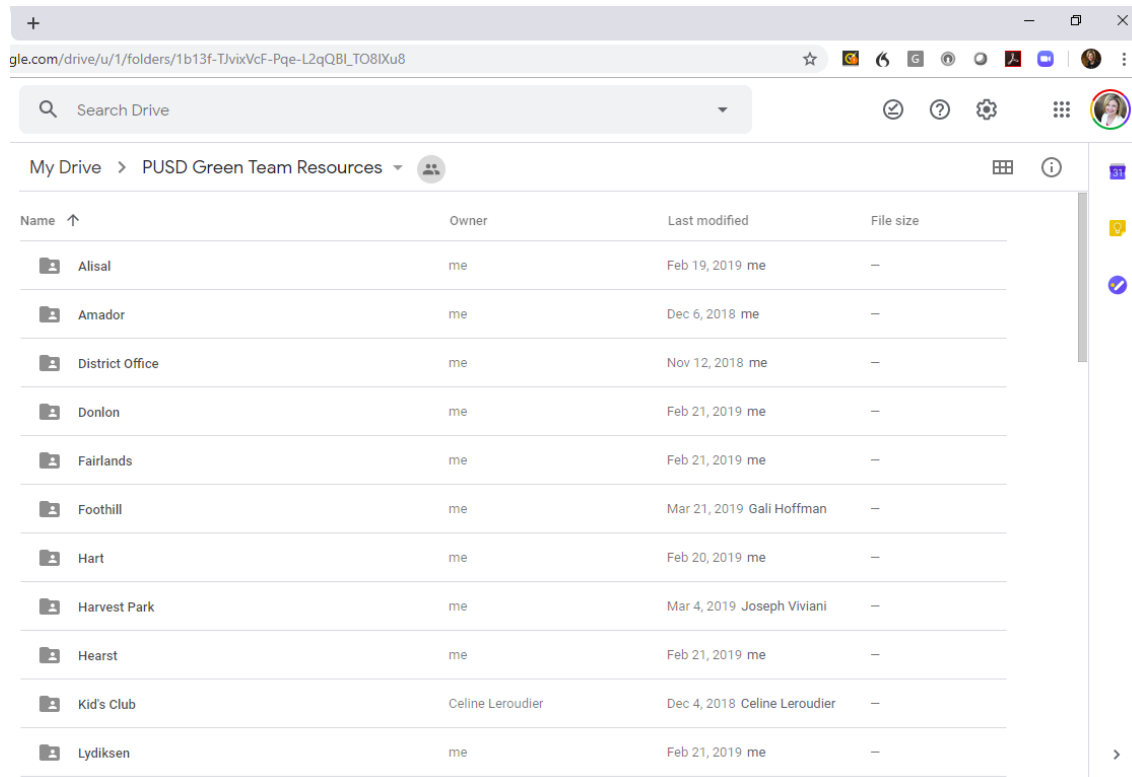
- GGI Acquires Grant from Altamont Education Advisory Board
 - We asked for \$49,000 and received \$40,000
 - Funding was used to purchase recycling & composting bins for all 15 PUSD schools' lunch areas, along with compostable bin liners for green bins

Step 3: PUSD Forms Green Team – October 2018

Members	Roles
Business Services	Contracts, Purchasing, Grants, Funding
Educational Services	Principal/Administrator Liaison
Student Support Services	Kids Club Liaison
Human Resources	Union Liaison
Maintenance & Operation	Custodial training and Waste Hauler Liaison
Go Green Initiative	Project Management & Training

Step 4: Principal Training – October 2018

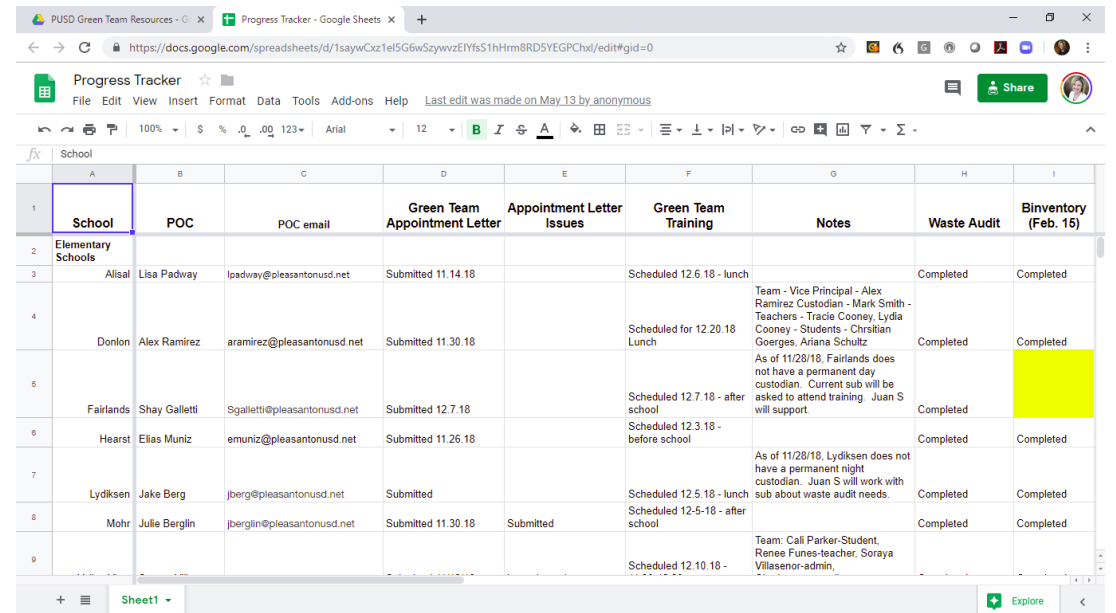
PUSD Green Team Resource Folder



A screenshot of a Google Drive interface. The address bar shows a URL to a folder named 'PUSD Green Team Resources'. The search bar is empty. The folder name 'PUSD Green Team Resources' is displayed in the breadcrumb. Below, a list of files and folders is shown with columns for Name, Owner, Last modified, and File size. The files listed are Alisal, Amador, District Office, Donlon, Fairlands, Foothill, Hart, Harvest Park, Hearst, Kid's Club, and Lydixsen.

Name	Owner	Last modified	File size
Alisal	me	Feb 19, 2019 me	—
Amador	me	Dec 6, 2018 me	—
District Office	me	Nov 12, 2018 me	—
Donlon	me	Feb 21, 2019 me	—
Fairlands	me	Feb 21, 2019 me	—
Foothill	me	Mar 21, 2019 Gali Hoffman	—
Hart	me	Feb 20, 2019 me	—
Harvest Park	me	Mar 4, 2019 Joseph Viviani	—
Hearst	me	Feb 21, 2019 me	—
Kid's Club	Celine Leroudier	Dec 4, 2018 Celine Leroudier	—
Lydixsen	me	Feb 21, 2019 me	—

Progress Tracker



A screenshot of a Google Sheet titled 'Progress Tracker'. The sheet has columns for School, POC, POC email, Green Team Appointment Letter, Appointment Letter Issues, Green Team Training, Notes, Waste Audit, and Binventory (Feb. 15). The data is organized by school, with rows for Elementary Schools, Alisal, Donlon, Fairlands, Hearst, Lydixsen, and Mohr. The 'Green Team Training' column contains dates and times, and the 'Notes' column contains details about training sessions and custodian support.


School	POC	POC email	Green Team Appointment Letter	Appointment Letter Issues	Green Team Training	Notes	Waste Audit	Binventory (Feb. 15)
Elementary Schools								
Alisal	Lisa Padway	lpadway@pleasantonUSD.net	Submitted 11.14.18		Scheduled 12.6.18 - lunch	Team - Vice Principal - Alex Ramirez Custodian - Mark Smith - Teachers - Tracie Cooney, Lydia Cooney - Students - Christian Georges, Ariana Schultz	Completed	Completed
Donlon	Alex Ramirez	aramirez@pleasantonUSD.net	Submitted 11.30.18		Scheduled for 12.20.18 Lunch	As of 11/28/18, Fairlands does not have a permanent day custodian. Current sub will be asked to attend training. Juan S will support.	Completed	Completed
Fairlands	Shay Galletti	sgalletti@pleasantonUSD.net	Submitted 12.7.18		Scheduled 12.7.18 - after school		Completed	
Hearst	Elias Muniz	emuniz@pleasantonUSD.net	Submitted 11.26.18		Scheduled 12.3.18 - before school		Completed	Completed
Lydixsen	Jake Berg	jberg@pleasantonUSD.net	Submitted		Scheduled 12.5.18 - lunch	As of 11/28/18, Lydixsen does not have a permanent night custodian. Juan S will work with sub about waste audit needs.	Completed	Completed
Mohr	Julie Berglin	jberglin@pleasantonUSD.net	Submitted 11.30.18	Submitted	Scheduled 12-5-18 - after school	Team: Call Parker-Student, Renee Funes-teacher, Soraya Villaseñor-admin	Completed	Completed
					Scheduled 12.10.18 -			

Step 5: Form Site Green Teams

- Template letter supplied to all principals
- Appoint at a minimum:
 - 1 administrator (typically VP in charge of facilities)
 - 1 custodian
 - 1 teacher
 - 1 student (even at the elementary sites)
- Upload Green Team appointment letter to PUSD Green Team Resources Google Drive

Step 6: Green Team Training at All Sites Before Winter Break

← → ↻ [SignUpGenius, Inc. \[US\] | https://www.signupgenius.com/go/9040f4ca5ad2aab9-pusd](https://www.signupgenius.com/go/9040f4ca5ad2aab9-pusd)



PUSD Green Teams

PUSD Green Team Training

Please sign up for a 60-minute Green Team training slot with the Go Green Initiative and our student interns. During this training, your team will learn the necessary steps for setting up a successful recycling and organics separation program at your school. Topics will include:

- How to conduct a "bin"-ventory
- How to conduct a Waste Audit
- Ordering bins
- And more!

There are 37 dates/times to choose from, and our goal is to get all 14 remaining campuses trained before winter break (Amador has already been trained). Slots are first come/first serve.

Created by: **JB** Jill Buck ✉

Date (mm/dd/yyyy PDT)	Location	Available Slot	Calendar View
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Submit and Sign Up

← → ↻ [SignUpGenius, Inc. \[US\] | https://www.signupgenius.com/go/9040f4ca5ad2aab9-pusd](https://www.signupgenius.com/go/9040f4ca5ad2aab9-pusd)

Date (mm/dd/yyyy PDT)	Location	Available Slot	Calendar View
11/26/2018 (Mon.)	After School	60-Minute Green Team Training Sign Up	
11/26/2018 (Mon.)	Before School	60-Minute Green Team Training Sign Up	
11/26/2018 (Mon.)	Lunch	60-Minute Green Team Training SV Soraya Villasenor Valley View office	
12/03/2018 (Mon.)	After School	60-Minute Green Team Training Sign Up	
12/03/2018 (Mon.)	Before School	60-Minute Green Team Training EM Elias Muñiz 8:15-9:15	
12/04/2018 (Tue.)	After School	60-Minute Green Team Training Sign Up	
12/04/2018 (Tue.)	Before School	60-Minute Green Team Training Sign Up	
12/04/2018 (Tue.)	Lunch	60-Minute Green Team Training TP Traci Peterson For Kids Club-working on location	

Submit and Sign Up

Step 7: Full Lunch Waste Audits & Bin-inventories at All Sites by Feb. 15

Amador Waste Audit



PMS Bin-ventory



Step 8: Use Waste Audit & Bin-inventory Data to Order Lunch Area Bins

Use Tier 1 Findings to Order Lunch Area Bins & Compostable Bag Liners

- The goal is to have trash, recycling and composting bins next to each other, so students can easily dispose of all their lunch items in one stop.
- If you plan to use 32 gallon containers for your 3-bin stations, i.e. 32 gallon gray = trash; 32 gallon blue = recycling; 32 gallon green = compost, this is how you calculate the # of bins to order:
 - The greatest volume of material you generate is trash= approx. 283 gallons per day.
 - 283 divided by 32 = 8.84, so this gives us nine (9) - 32 gallon bins.
 - However, you will not want your compost bins to overflow, so we recommend adding 30% capacity, which equal 11.97, rounding up to twelve (12) - 32 gallon bins for trash.
 - If you need 12 green compost bins, you should also order 12 blue recycling bins. You may use 12 of the gray bins you already have for trash.

• **BEFORE YOU PLACE YOUR ORDER, SEE THE NEXT SLIDE...**

- 11 Page Waste Audit Analysis Provided by GGI (Ex. Harvest Park)
- Site Bin Orders Fulfilled by M&O

Step 9: Train Student Bin Monitors & Create Signage

Amador Trained Over 70 Students

Used Google Forms to Collect Data

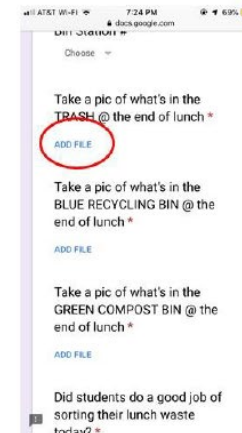
Bin Monitors...

What even are they???

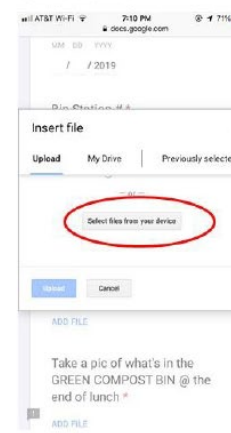


Uploading Photos to the Google Form

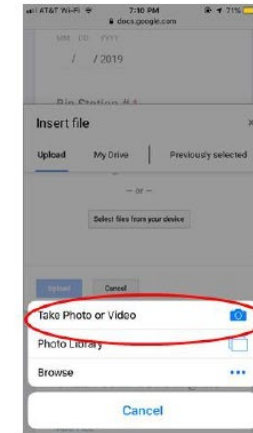
Step 1:
Click "Add File"



Step 2:
Click "Select file from your device"



Step 3:
Click "Take Photo or Video"



Step 4:
Take Photo & Click "Use Photo"



Step 10: M&O Works with PGS for Dumpster Service @ All Sites (Example: Harvest Park)

Predicted Weekly Volume Based on Audit

*Note: these calculations are based on one snapshot in time, the day of your waste audit. You may find that these numbers fluctuate, so prepare to observe the outcomes, and remain nimble.

Material	Daily Volume Based on Audit (in gallons)	Daily Volume in cubic yds.	Weekly Volume in cubic yds.
Trash	283	1.6414	8.207
Recycling	96	0.5568	2.784
Compost	280	1.624	8.12

*1 dry gallon = 0.0058 cubic yards

Step 11: Bins Placed in Lunch Area



Step 12: Site Annual Report by May 22

Simple Google Form

QUESTIONS

RESPONSES3

Please list the dates that your Green Team met (should be at least once per quarter): *

Long answer text

Please list the top 3-4 goals your Green Team set for the 2018-19 school year with a brief explanation of each goal: *

Long answer text

To date, what progress has been made on each goal? *

Long answer text

Do you think staff and students on your campus know you have a Green Team? *

Respondents

QUESTIONS

RESPONSES3

School Name

3 responses

Foothill

Mohr Elementary School

Lydiksen

Step 13: Grant Funding Secured for 3 Years

Go Green Initiative and PUSD Green Team collaborate to secure \$150,000 grant (\$50,000/yr. for 3 yrs.) from Altamont Education Advisory Board

- Largest grant amount possible
- Detailed Project Timeline & Budget

Includes funding for:

- Recycling & Compost Bins
- Custodial Supplies
- Green Teams @ all schools
- Teacher mini-grants
- Comprehensive District Study on Waste Reduction Throughout Purchasing & CNS

Next Steps

1. Ensure vacancies are filled on PUSD Green Team
2. PUSD Green Team holds summer meetings to plan for Project Timeline for 2019-20 school year
3. Back to School
 - Green Team training at all sites
 - Custodial Training
 - Teacher Training & mini-grant opportunities
 - All hands training at all sites on recycling and organics separation
 - Progress Tracking & Reporting