

Keyport Environmental Commission
October 28, 2024 Meeting
Keyport Borough Hall

Call to Order

Meeting called to order at 8:00 pm by **Chair Joe Sheridan.**

Sunshine Law was Read

Salute to the Flag

Roll Call

	NAME	STATUS	TERM EXPIRES	PRESENT	ABSENT
1	JOE SHERIDAN (JS)	COMMISSIONER, CHAIR/SECRETARY	12/31/2026	X	
2	MIKE PALMISANO (MP)	COMMISSIONER, VICE CHAIR	12/31/2024	X	
3	ROY JIMENEZ, Sr. (RJ)	COMMISSIONER	12/31/2024		X
4	DON PACHECO (DP)	COMMISSIONER	12/31/2025		X
5	LYNNE KOSOBUCKI (LK)	COMMISSIONER, 2-YEAR ALTERNATE #1	12/31/2025	X	
6	MIKE LANE (ML)	COMMISSIONER	12/31/2025	X	
7	DOUG WEIDER (DW)	COMMISSIONER	12/31/2026		X
8	KATHLEEN BULL DE LOS REYES (KBDLR)	COMMISSIONER	12/31/2025	X	
9	LENNIE WALKER	COMMISSIONER ALTERNATE #2	12/31/2024		X
9	HEATHER BRADY (HB)	KEYPORT BOUROUGH COUNCIL LIAISON	12/31/2024	X	
10	DR. JUN CHENG	KEAN UNIVERSITY ASSOC. PROFESSOR	-		X

Corrections to the September 23, 2024 KEC Minutes:

None.

Review/Approval of Meeting Minutes:

Minutes of the **September 23, 2024**, meeting; Motion to Accept by KBDLR; MP 2nd; No comments/Edits; Minutes Unanimously Approved.

Housekeeping:

Requested Feedback from Commissioners whose commission expires on 12/31/2024: M. Palmisano, R. Jimenez, Sr., and L. Walker. M. Palmisano indicated that he would like to be re-appointed. **ACTION** on JS to recommend MP to Mayor Araneo for re-appointment and to determine if R. Jimenez, Sr. and L. Walker wish to be re-appointed.

Keyport Borough Council (KBC) Item Updates:

The Agenda offered the following KBC items for KEC discussion:

1. Mariner's Village

2. Deputy Ventures (formerly Mystic at Keyport (44 Beers Street)

3. 31 W. Front Street (restaurant and Residential Units)

(HB) – Project awaiting permits.

4. Aeromarine Issues

5. Beach Park Outfall Pipe/Flooding Issues

6. Port 149 Bulkhead Progress

(HB) – Additionally, the core sampling at Fireman’s Parking Lot was related to the bulkhead and the State will come back to Keyport regarding the Brownfield Development Area (BDA); **ACTION** on HB to determine if original Members of the Keyport BDA are still active. **ACTION** on ML to pass on Keyport BDA information to HB.

Contamination found along Aeromarine Bayfront:

(HB) - Update from K. Humphrey, Keyport Business Administrator; 11/04/2024:

Public Notice

*The New Jersey Department of Environmental Protection (DEP) has completed its investigation of the slag-like material observed on Raritan Bay beach in Keyport. Geologists have determined that this material is a **naturally occurring iron concretion from the Merchantville geological formation.***

*While the material is natural, the DEP, in collaboration with the New Jersey Department of Health, advises the public to **avoid touching it due to the potential presence of elevated arsenic levels.** Exposure can occur through ingestion, particularly if hands are not washed before eating.*

To ensure your safety, please refrain from contact with this material if you encounter it on the beach. Thank you for your cooperation.

Dr. Cheng's Report

Dr. Cheng's Report via e-Mail: LK and I led Keyport Central School Grade 8 students for a local field trip last Friday (10/25/2024). Students were informed of coastal environments about their local town regarding shoreline erosion, dune enhancement projects as well as native/invasive species on the upland. Please see Attachment #1 from the 8th grade class.

(LK) – LK/Dr. Cheng spoke with Mrs. Manganelli's 8th Grade class about Dr. Cheng's Project as well as the Keyport Environmental Commission's Cedar Street Park Dune Living Shoreline. LK also needs help with photographing the living shoreline for the permitting process.



The Keyport Environmental Commission's very own Lynne Kosobucki and Professor Jun Cheng met with Mrs. Manganelli's Keyport 8th grade class on a field trip to Cedar Street Park Dune to discuss Dr. Cheng's Project and the KEC's Living Shoreline Project. Photographs compliments of L. Kosobucki.

Clean Ocean Action Beach Sweep:

(MP) – Please see Attachment #2 for the results of the Clean Ocean Action Fall Beach Sweep. Twenty-five Volunteers participated in the event and the weather was beautiful.

New Business

(ML) – No Report as he was away on a much-deserved vacation!

(JS) – Please see Attachment #3 for the e-mail from Elizabeth Dancer, Senior Environmental Scientist, Davey Resource Group, Inc., regarding recommended wetlands/plantings for our Cedar Street Park Dune Living Shoreline Project. She advised establishing the need for permitting.

(JS) – Please see Attachment #4 for the pamphlet Local Eco-Strong Community Activities & Initiative Ideas as an **ACTION** for all to read and come back to next meeting with ideas for the Keyport Environmental Commission's 2025 Environmental Educational Flyer.

(JS)/(MP) – Please see Attachment #5 for the flyer on the next Keyport Green Team Presentation on “Clams” by Rutgers Dr. Michael Acquafredda is scheduled for **Thursday, November 14th at 6:30pm at Borough Hall.**

(JS) – Please see Attachment #6 regarding the Notes from the October 24, 2024 Regional Environmental Council Meeting.

Open to the Public

8:57pm: JS opened the meeting to the Public.

Close to the Public

8:57pm: JS closed the meeting to the Public.

ACTION ITEMS LIST

MP/LK: To create a Keyport Environmental Commission 'Lifetime Achievement Certificate Award' for Mike Lane.

JS: Recommend to Mayor Araneo Mike Palmisano's desire to be re-appointed to the Keyport Environmental Commission on January 1, 2025 and to determine if R. Jimenez and L. Walker wish to be re-appointed.

ML: To send the Keyport Brownsfield Development Area (BDA) Committee Member information to HB.

HB: To determine if the original members of the BDA Committee are still active.

ALL: To come up with an environmental educational idea for the KEC's 2025 flyer.

ATTACHED ITEMS LIST

1. Mrs. Manganelli's 8th Grade Class Thank You card to LK and Professor Cheng for their Field Trip.
2. Clean Ocean Action Beach Sweep Data for Cedar Street Park Beach clean-up on October 19, 2024.
3. Letter from Elizabeth Dancer regarding Cedar Street Park Dune Living Shoreline recommended plantings.
4. Local Eco-Strong Community Activities & Initiatives Ideas Pamphlet.
5. Flyer for Keyport Green Team's November 14, 2024; 6:30pm Presentation on "Clams" with Guest Speaker Rutgers Dr. Michael Acquafredda.
6. Notes from Notes from the October 24, 2024 Regional Environmental Council Meeting.

Meeting Adjourned 8:58pm: Motion to Adjourn LK; HB 2nd; Unanimous.

The next meeting will be held on **Monday, November 25th, 2024, at 8:00pm, at Keyport Borough Hall Council Chamber. This will be our LAST meeting of 2024!**

Minutes submitted by Joe Sheridan.



Thank you for the enlightening session
on sand dunes and native versus
invasive species. Your expertise
brought the topic to life, and we gained
valuable insights into the importance
of preserving our natural ecosystems.
We truly appreciate your time and
dedication!

Ms. Manganello

Allyssa

Mrs. Cerovsky
(Mrs. C ☺)

Nathaniel

Dionna M. Charles

Rebecca

Leah
Lane

Grayson

Maya

Leah C.

Nailoni

Dana
Bryant

Connor
Brian



BEACH SWEEPS

MASTER

Thank you for participating in Clean Ocean Action's (COA) Beach Sweeps and completing this data card. Data collection is the most important task and turns your dedication and volunteerism into a legacy of information we use to reduce litter and marine debris. The data from this card is collected and analyzed to identify pollution trends in the waters off New Jersey's coast. The final results from Beach Sweep are incorporated into an Annual Report used to educate citizens and lawmakers about nonpoint source pollution. The Fall data is also forwarded to Ocean Conservancy, who maintains an international database for tracking trends of marine debris in world's oceans. For information on how to help raise funds, reduce pollution, and check out COA's Annual Beach Sweep Reports visit www.CleanOceanAction.org.

Consent: As a participant in the Clean Ocean Action Beach Sweeps, I/we understand that I/we participate at our own risk and that there may be photos and/or video taken that may be used by Clean Ocean Action.

CLEANUP SITE INFORMATION			
CLEAN UP SITE NAME	CITY/MUNICIPALITY	COUNTY	BEACH CAPTAIN NAME
CEDAR STREET PARK	KEYPORT	MONMOUTH	MIKE PALMISANO
40°26'26"N 74°11'36"W			
Type of cleanup: ☒ Bay ☐ Shoreline/Beach ☐ Lake, Stream, or River			
DATE OF CLEANUP		NAME OF GROUP/SCHOOL	
19 OCT 24		ECOMANIACS 4H CLUB, MATAWAN HS	
NUMBER OF VOLUNTEERS WORKING ON THIS FORM		KEYPORT ENVIRONMENTAL COMM	
25			
BEACH SWEEP VOLUNTEER INFORMATION Teams of two are encouraged			
VOLUNTEER 1		VOLUNTEER 2	
Name: _____		Name: BLACKBAGS 8 125LBS	
Street Address: _____		Street Address: RECYCLE CONTAINERS	
City, State, Zip: _____		City, State, Zip: BINS 2 x 25LB 30LBS	
Phone: () _____		Phone: () OTHER PALLET 35LBS	
Email: _____		Email: MISC 25LBS	
		TOTAL 235LBS	
BRAND NAMES Please list the brand names and items		MOST UNUSUAL ITEMS FOUND	
MILLER-LIFE, CORONA, PRIMETIME MIST		BBQ, METAL FOLDING CHAIR, AUDIO SPEAKER	
COMMENTS/OBSERVATIONS about the cleanup (including entangled animals)			
LOTS OF HORSESHOE MILTS, DRIETWOOD, BLUE CRAB PARTS, PRETTY CLEAN THIS YEAR			

TIPS FOR A SUCCESSFUL SWEEP:

- Be careful with sharp objects
- Wear gloves
- Stay off dunes
- Respect wildlife
- Do not lift heavy objects
- Wear sunscreen
- Have fun!

BLACK BAGS ARE FOR GARBAGE WHITE BAGS ARE FOR RECYCLABLES

Volunteers can reduce the use of plastic bags by bringing their own bucket or reusable bag for trash collection.

Please return this Data Card to a Beach Captain or mail it to:
CLEAN OCEAN ACTION, 49 Avenue Blvd., Long Branch, NJ 07740



732-372-6111
CleanOceanAction.org
Info@CleanOceanAction.org
49 Avenue Boulevard
Long Branch, NJ 07740

Clean Ocean Action is a 501(c)(3)
tax exempt nonprofit organization.



#COABeachSweeps

Printed on 100% recycled paper.

Joe Sheridan

From: Dancer, Elizabeth [REDACTED]
Sent: Thursday, October 3, 2024 12:56 PM
To: Joe Sheridan
Cc: Mike Palmisano; Lynne Kosobucki
Subject: Re: Follow up from fish survey

Good morning, Joe-

Following up from a couple weeks back- I spoke with one of my supervisors who specializes in wetland plantings/restoration- he gave me some guidance to pass along to you for your work at Cedar Street Park.

Most importantly, you'll want to reach out to the NJDEP Division of Land Resource Protection to determine if they will require any permits- your plantings would fall within Intertidal/Subtidal Shallows associated with Raritan Bay, which is a protected 'Special Area' under the Coastal Zone Management Rules. At the very least, they can be made aware of your intentions and can offer guidance on how to proceed. In addition to planting, they may recommend incorporating a living shoreline or some other measure to stabilize the plantings and reduce erosion.

There are a couple important considerations, including what species are appropriate to plant at the park and the elevations in which to plant them- saltmarsh species are very picky when it comes to the amount of time they'll tolerate being inundated with water. Typically, "low marsh" species such as saltmarsh cordgrass (*Spartina alterniflora*) will occur from the mid-tide line to the mean high water line, whereas "high marsh" species such as salt hay (*Spartina patens*) or saltgrass (*Distichlis spicata*) will extend from the mean high water line up to or just above the spring tide line. All of these species are available from Pinelands Nursery, whom we used for a lot of our own projects.

It can be tricky trying to figure out the exact places to plant, especially when you need to consider sea level rise and increasing storm surges. If you plant too low, your plantings will either be drowned or uprooted/washed out, but if you plant too high, your plants won't get the moisture they need.

One way to go about this is to look at nearby natural communities to see what species are growing along the bayshore- these areas will serve as your "biological benchmarks." I took a look at some aerial mapping- one option may be Veteran's Park, which is directly west of Cedar Street Park- there appears to be some kind of natural community in the northwestern portion of this facility. Another option to the northeast is Conaskonk Point and the areas surrounding Chingarora Creek- I'm not sure about the accessibility of these places, but these appear to have some expansive tidal marshes that could serve as a good reference.

Once you have found a good reference site, you'll want to determine the elevations in which desirable saltmarsh species are growing- this is typically done with a topographic survey. For example, if you have *Spartina alterniflora* along the shore, you would survey the waterward and landward limits of where it is growing. You would then base your plantings at Cedar Street Park on these elevations.

Lastly, saltmarsh cordgrass, salt hay, and saltgrass should be planted between April 15 and May 30, though it can be pushed back to early July if needed (sometimes, unless they have plugs available from

the previous season, nurseries won't have stock ready to go until June). You'll space the plugs about 18 inches apart. The spaces between them should fill in as time goes on, but be sure to limit foot traffic within the planted area and periodically remove any debris that gets caught up in it.

I hope this helps! If you have any other questions, feel free to reach out.

Best!

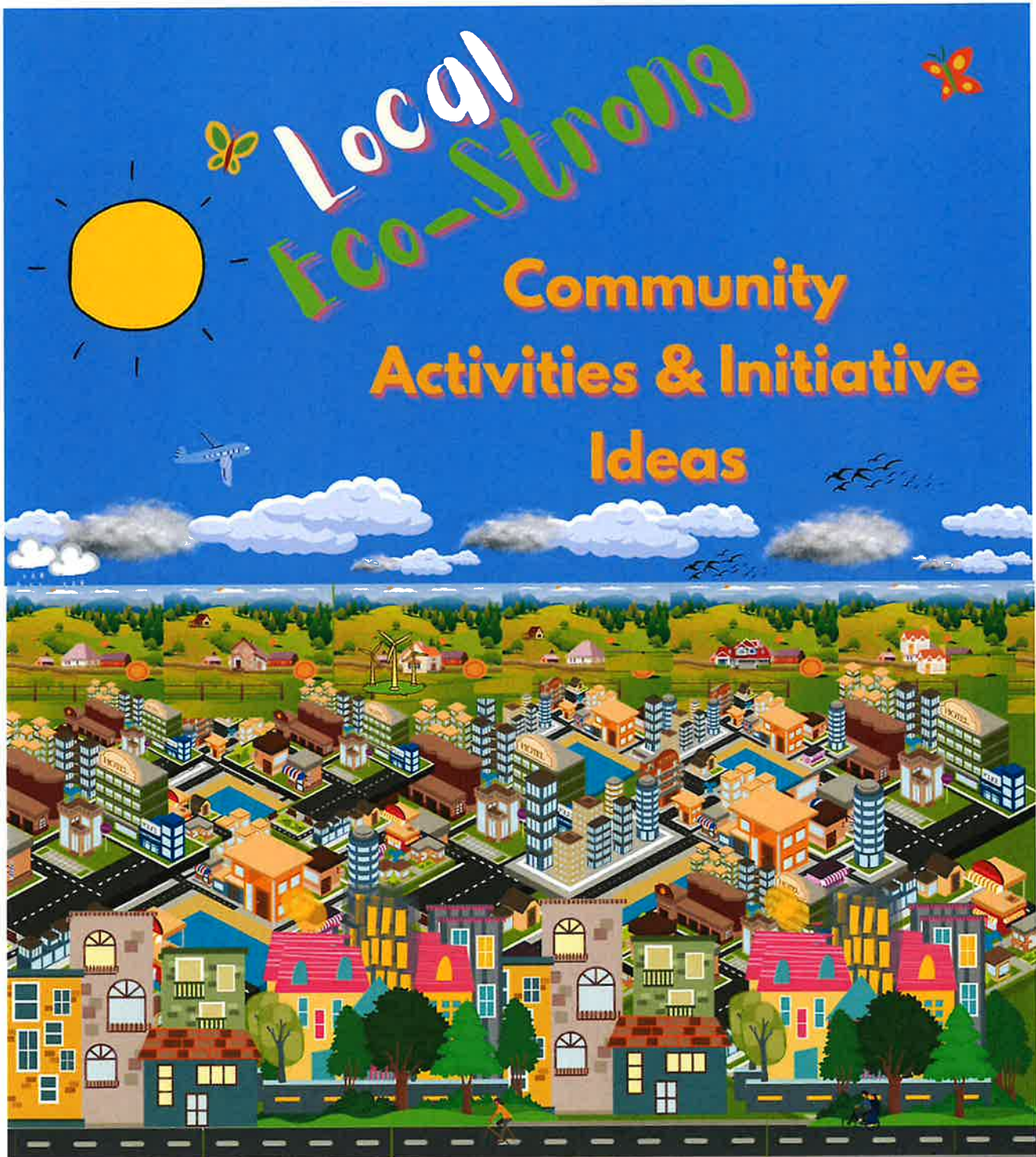
Liz



Connecting and Empowering Local Communities to Increase Sustainability and Take Action to Protect and Restore the Health of People, the Environment, and Nature

Eco-Action Spotlight: Video Maps Project
Local Initiatives Toolbox
Solution Knowledge Resources
Podcast
About

SIGN-UP - LOCAL GREEN COMMUNITY CALENDAR MONTHLY LIST





Local Eco-Strong Community Activities & Initiative Ideas:

Ready to Start Something New?

It's great to be a part of virtual groups that touch the lives of people all over the world. However, local gatherings are where the hands-on action happens and where resources are truly needed if we want to help everyone participate in the action to save our planet. At GoGreenLocally, we are committed to bringing together tools and resources that locals gathering together need to be successful, enjoyable, and, most importantly - effective!

See the resources listed below if you are ready to start a new group/organization or help your existing group take on some new activities. There are so many wonderful organizations and local actionists doing the same thing across the nation that are also willing to answer questions and help your group move your whole town or city to greater sustainability and cleaning, protecting, and restoring the earth.

Ideas for All Types of Interests:

1. Regenerative action for degraded lands
2. Promoting the planting of more native & pollinator-friendly plants to protect and support local bees, butterflies, birds, and more
3. The art of reuse - design and craft upcycled items
4. Clothing resourceful - learn simple repairs, how to swap and upcycle clothing
5. Making non-toxic cleaning and personal care products
6. Reducing food waste – directing excess food to community food hubs
7. Greening events: compostable or reusable dishes, composting food waste, etc.
8. Green movement support – support and promote small non-profits and groups that work to make local projects successful
9. Edible urban landscapes – design, plan, support, and encourage the community to plant edible landscapes across the city to support healthy living
10. Community garden promoters - help people plan, organize and implement new shared gardens.
11. Green with local government – gather with those who can enjoy being vocal, articulate, and available for council meetings to encourage policies to create cleaner & greener communities
12. Help plan, build, or retrofit eco-friendly housing and co-housing communities.
13. Less Toxic Neighborhoods - gathering action to discontinue the use of toxic synthetic pesticides and herbicides being used at schools and parks where our children and pets play.
14. Sharing Groups - locally organized groups that practice gifting, libraries of things, etc. People help out people by sharing items, materials, foods, and skills. They build friendships and save resources from being wasted

1. Soil Building from the Ground UP - Regenerative Earth Projects

- This type of group can gather resources together to create beneficial microbially-active compost. The compost can be used to help in creating new gardens or be used to create compost tea which can be injected into soils of existing gardens with heavily degraded soils. Community events can help educate the public as well as giving people material lists to do it on their own. The mission is using microbial life in the soil to create carbon sinks, enhance moisture-retention, and build up greater productivity in gardens and farms. This type of group might also work on getting businesses, local government, farms and municipal waste facilities to sign on and support these projects as well.
- Current examples <https://common.earth/examples>
- <https://ecosystemrestorationcamps.org/>
- Another example <https://www.treehugger.com/the-th-interview-penny-eastwood-of-treesresponsibility-4848528>

2. Pollinator and Native Gardening

- Groups grow and gather native plants – perennial & annual pollinator-friendly flowering plants that are grown without the use of synthetic pesticides to share and plant throughout the community.
- Recycled planting containers placed around small business districts & sponsored by local businesses help create beauty and support for native pollinators.
 - Examples: <https://www.pollinator-pathway.org/about>
 - and <https://www.pollinator-pathway.org/pollinator-pathways>

3. Reuse/Repurpose Creative Arts and Design DIY

- Groups get together and help each other and community members to meet functional needs by reusing and repurposing broken items, items purchased second-hand or someone's discards.
- People enjoy the fun of the creative process, help inspire each other by sharing their ideas, and coming up with useful solutions to meet needs and add beauty to their homes and businesses.
 - Examples: <https://www.diyncrafts.com/6081/repurpose/100-ways-repurpose-reuse-broken-household-items>

- Groups get together and bring clothing they are no longer wearing or don't fit any longer to swap with others who have brought the same.
- Upcycling designers make repairs or additions to make new outfits that look even better than they started as.
 - Examples: <https://www.moneycrashers.com/clothing-swap-party-exchange/>

5. Making Your Own Clean and Green Personal Care and Cleaning Products

- Make products together for yourselves, for gifts, or a small business to serve the local community
 - Example: <https://greatist.com/health/27-chemical-free-products-diy-spring-cleaning#9>

6. Waste Not – Great Strategic Food Sharing

- A great inspiration for this type of group is to see the film called "Wasted" available for rent or purchase online. There are so many amazing ideas of what can be done to reduce waste, find great uses for it in the community and strategies to make win-win situations for everyone by thinking outside of the box.
- These groups can work with non-profits, markets and restaurants to help find ways to solve some of the local challenges.
 - Examples: <https://kstp.com/news/local-group-seeks-to-reduce-food-waste-open-streets-open-feasts/5484585/>

7. Greening Local Events

- Make local events more sustainable by organizing and working together with event organizers to recycle food wastes, use compostable serving ware, and other strategies to reduce trash.
 - Examples: <https://www.nevadaappeal.com/news/carson-city/group-working-to-make-nevada-day-parade-more-sustainable/>

8. Local Green Community Support

- Help people in the community get to know and support local farmers, small green businesses, and nonprofits. Promote local events like farmer's markets and farm-to-table events that facilitate people getting to know producers better.
 - Examples: <https://www.nevadaappeal.com/news/carson-city/group-working-to-make-nevada-day-parade-more-sustainable/>

9/10. Local Edible Landscaping, Eco-Tours, & Community Gardens

- Growing food in available spaces like city service buildings, church and school grounds, and city lots.
 - Example: <https://www.incredible-edible-todmorden.co.uk/projects/>

11. Government Policy Green-Ups Groups

- Local citizens can meet and share ideas together for local governments to move towards supporting greener policies and practices. People with creative solutions, as well as community social program backgrounds, law or local government experience can be helpful for these groups to bring about policies with greater environmental stewardship and sustainability. Any person that is outgoing and ready to raise their hand and show up at city council meetings is great to help express the needs of all in the community.

12. Green Co-Housing Community Building Groups

- Groups can help people to find local resources to build organized intentional co-housing green communities. This can be done by organizing resource reference information as well as holding gatherings for people to meet each other and move towards the intention of building new communities.
 - This is a Facebook helping to foster Eco Villages and Sustainable Communities: <https://www.facebook.com/groups/EcoVillagesandSustainableCommunities/>

13. Non-Toxic Neighborhoods Parent Groups

- Projects like this exist all over the nation. Put together a few neighbors or friends from your church group, children's school, or others, and check out this organization that totally supports you with information for the whole process. "We inspire global participation in one community at a time for future generations. To date, Non-Toxic Neighborhoods has partnered with over 65 cities, counties, school districts, and universities across the country, to enormous success. We're proud to report that not a single partner community has resumed the use of synthetic pesticides!"
 - "Get support to start your own group here: Email Non-Toxic Neighborhoods to get your team started: team@nontoxicneighborhoods.org
 - Visit their website: <https://nontoxicneighborhoods.org/>

14. Community Sharing Ideas

- Buy Nothing Project Neighborhood Groups
 - A Gift Economy's real wealth is the people involved and the web of connections that form to support

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you give away things and skills others could use and ask for things within your hyper local community. All for free, no strings. Build new friendships and build your community.

- <https://buynothingproject.org/buy-nothing-project-maps-us-states/>
- <https://www.shareable.net/how-to-share/>

How to Add Local Groups & Nonprofits Directory Listings:

To add a group listing go to the "Groups and Nonprofits" page in your local hub. You will find a button next to the search bar that says, "+ Add a Group or Nonprofit". When you click this button you will be directed to the sign-in page. After you finish signing in, the form will open. After clicking "live" and filling out the form, your group will now display in the directory. This procedure is the same for adding your local events, projects, online resources, and green businesses to the local hub. See our "How to Add Listings" menu page for how-to videos.

How to Add Event Listings to the Local Green Event Directory:

Locals Share Green Action

Contact Us

Subscribe for Monthly Local Event Lists

GOGREENLOCALLY.org
Nevada 501(c)(3) nonprofit
PO Box 20152
Sun Valley, NV 89433-0152
775-391-8298
info@gogreenlocally.org

Gogreenlocally.org is a Nevada 501(c)(3) nonprofit formed by a few green community members who wanted to do something to help the environment and communities across the US to share action to champion sustainability and care for our people and planet.

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IMPORTANT!

ANNOUNCEMENT

MORE DETAILS

TO COME

Don't get TIDE down, go with
the flow like a Happy Clam!



"EXPLORE THE
BAYSHORE"
WITH THE
KEYPORT
GREEN TEAM
CONTINUES ON
THURSDAY
NOVEMBER 14,
2024 AT
6:30PM

COME HEAR RUTGERS
DR. MICHAEL ACQUAFREDDA
AT BOROUGH HALL

70 WEST FRONT STREET

Notes from October 24, Regional Environmental Commission Forum

Thank you to all the environmentally focused people who attended our second regional forum. We decided we would continue meeting and chose **January 23, 2024, 7:45 p.m.** as our next meeting.

After the meeting the question was raised of what we should call ourselves. We are larger than the Bayshore Area. Holmdel flows into the Bayshore in one direction and the Swimming River Reservoir in the other. For our next meeting, maybe we can create a name or just continue calling this effort the Regional Watershed Council? Regional Environmental Commission Forum? Something to think about. Let me know your thoughts.

Attendance was 20 people from 8 towns-- Keyport, Middletown, Hazlet, Aberdeen, Colts Neck, Union Beach, Holmdel, Ocean Grove

Lindsey Massih from Aberdeen Township Environmental Board and Rachel Dawn Davis from Waterspirit gave a presentation about the MS4 permit requirements. The presentation is attached in PowerPoint and pdf.

To meet the requirements of the permit, towns must create a watershed improvement plan with proposed projects such as

From slides: Potential Projects

→ *Impervious Cover Disconnection*

→ *Green Infrastructure*

→ *Rain Gardens, Pervious Pavement, Bioswales, infiltration Systems, Cisterns, Stormwater*

Wetlands

→ *Stormwater Retrofits (Wet Ponds and Detention Basins)*

→ *Stream and Lake Restoration*

→ *Floodplain Reconnection*

→ *Nonstructural Strategies:*

Our discussion included collaborating on

1. One day cleanup of a stream that touches many towns: Flat Creek, Waackaack?
 - a. Volunteers would work on the same day to remove pollutants, downed trees
 - b. Question was raised if a volunteer effort would require state permits
 - c. Maybe effort would be too big—maybe do clean up of Henry Hudson trail
 - d. Effort would create opportunities for public education and civic engagement
2. Create a website for our effort to share information - Caroline McFarland offered to spearhead this effort
 - a. Share appropriate ordinances—tree ordinance
 - b. Share documents created for education—how to prevent stormwater run off, pesticides

3. General Concerns raised:

- a. Detention basins that don't infiltrate but remove water from site—faulty engineering?
Bad design? Should be changed?
- b. Design of storm sewers on the streets- how effective are they?

4. Homework:

- a. Find out what kind of mapping has been done in your town
- b. Share any documents your environmental commission or town created to educate community (As I receive these I will forward to the group. Ultimately to be placed on our website)

5. Resources:

- a. Tier A MS4 Permit - https://dep.nj.gov/wp-content/uploads/njpdes-stormwater/tier_a_full_permit_no_reponsecomments-1.pdf
- b. NJDEP MS4 Website - https://dep.nj.gov/njpdes-stormwater/municipal-stormwater-regulation-program/tier_a/
- c. NJDEP Mapping tool
- <https://experience.arcgis.com/experience/f40f65d807bb4372bd92b48bb98f1972/page/Home/>