

# Coastal Zone Management Act Performance Measurement System

Phase 2: Habitat and  
Water Quality

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# Phase 1 Data Collection Review

- Which measures were the most difficult to collect and why?
- Did you have to set up any new tracking systems? For which measures?
- Will your data collection be more ‘automated’ for this new reporting period?
- Did you have any timing issues with data availability or collection?

# Phase 1 Data Reporting

- Did your program develop a database for your performance measure data? If not, how are you storing your underlying data?
- Does your program have a plan to use or release performance measure data for public outreach and education?
- Does your program have a strategic plan and have you incorporated the CZMA performance measures?

# GCD #3: Federal Consistency

- Definition for ‘modification due to consultation with the applicant’
- Were you able to track ‘approved as originally approved’ vs ‘modified due to consultation’?
- David Kaiser’s recommended changes:
  - How many federal agency activities were approved using a general concurrence?
  - How many federal agency activities were reviewed and excluded from consistency review as either a ‘de minimus activity’ or an ‘environmentally beneficial activity’?
  - How many federal license or permit activities were approved using a general concurrence?

# Coastal Habitat #1

- Number of dollars spent on activities that protect natural habitats within the coastal zone.
  - CZM federal, CZM matching, State dollars
  - Quantify financial contribution
  - Focus on activities such as regulation, planning, acquisition, and education and outreach that protect habitat.

# Coastal Habitat #2

- Number of dollars leveraged by CZM funds for activities that protect natural habitats within the coastal zone.
  - Document dollars generated by CZM activities
  - Can be from any source, but must be directly linked to a CZM funded activity
  - Establish grant recipient reporting of dollars in excess of required match
  - Do not include in-kind services as leveraged dollars

# Coastal Habitat #3

- Number of approved CZM programs that have habitat restoration plans, by category:
  - Tidal wetlands
  - Non-tidal wetlands
  - Beach, shoreline, and dune
  - Riparian areas
  - Coral reef
  - Submerged habitats/lands, SAV

# Coastal Habitat #3 (con't)

- Yes/No question.
- Count restoration plans developed either with CZM funds or with state funds.
- Report 'Not Applicable' if habitat doesn't occur in your state
- Establish habitat definitions for each category
- One plan covering multiple categories should be counted under each category covered.
- Plan should be current, but no time limit is established by OCRM.



# Coastal Habitat #4

- Number of permits issued that directly disturb key coastal habitats.
  - Define “directly disturb”
  - Change from glossary: no distinction between permit programs that are supported with CZM funds or those that are not will be made.
  - Key coastal habitats remain the same for all measures, but you can add other habitat types for state reporting purposes.

# Coastal Habitat #5

- Percent change in acres of key coastal habitat directly disturbed by permit activities, by category.
  - Report acres ‘approved’ for disturbance in permits issued during the reporting period.
  - Acres will be reported for each key habitat type rather than in total or by permit.
  - OCRM will report percent change over time with Phase 2 data serving as baseline.
  - Glossary change: no longer distinguishing if the permitting program is supported by CZM funds.

# Coastal Habitat #6

- Percent change in acres of key coastal habitats created or restored through a mitigation program, by category.
  - Report acres created separately from acres restored during the reporting period.
  - Acres will be reported for each key habitat type rather than in total.
  - OCRM will report percent change over time with Phase 2 data serving as baseline.
  - Glossary change: no longer distinguishing if the mitigation program is supported by CZM funds.

# Coastal Habitat #7

- Number of acres of key coastal habitats restored or created through non-mitigation activities.
  - Focus on habitat projects not required through a mitigation or other regulatory program
  - Report acres together for both restored and created habitat activities.
  - Restoration or creation must have been ‘completed’ during reporting period.
  - Report acres by activities funded with CZM dollars and those funded with state dollars.

# Coastal Habitat #8

- Number of acres of key coastal habitats protected through acquisition or easement, by category.
  - Report acres by habitat category.
  - Report acres by acquisitions funded with CZM dollars and those funded with state dollars.
  - Also report those acres acquired through a mitigation program separately.

# Coastal Habitat #9

- Number of states or territories that have mapped inventories of key coastal habitat, by category.
  - Yes/No question for each habitat category.
  - A mapped inventory should include data on habitat location and be considered current, updated within the last 5 years.
  - Inventories should provide data for at least 50% of the coastal zone or area where the habitat could occur.

# Coastal Habitat #10

- Number of acres of key coastal habitat based on best available data from mapped inventories or other appropriate sources, by category.
  - Also report source of data, original collection method, and resolution or scale.

# Water Quality #1

- Number of dollars spent on activities that manage coastal development to improve, safeguard, and restore the quality of coastal waters.
  - CZM federal, CZM matching, and state dollars
  - Focus on the improvement of coastal water quality and define programs that will be included
  - Define coastal waters to be included- coastal watersheds by 8-digit HUC
  - Activities can include regulatory and non-regulatory
  - CZM funds are not limited to Sect. 310



# Water Quality #2

- Number of dollars leveraged by CZM funds for activities that manage coastal development to improve, safeguard, and restore the quality of coastal waters
  - Document dollars generated by CZM activities
  - Can be from any source, but must be directly linked to a CZM funded activity
  - Establish grant recipient reporting of dollars in excess of required match
  - As with Public Access, do not include in-kind services as leveraged dollars

# Water Quality #3

- Number of CZM programs conducting capacity building activities in coastal watersheds
  - This is a simple Yes/No question.
  - The purpose is to count programs that conducted these types of activities during the reporting period.

# Water Quality #4

- Number of capacity building activities in coastal watersheds to improve, safeguard, and restore the quality of coastal waters, by category:
  - Training
  - Demonstration best management practices
  - Education initiatives to build capacity
  - Clean marina program activities
  - Monitoring programs
  - Permits reviewed to implement CNP

# Water Quality Training

- Report the number of training events and the total number of people attending
  - Count each occurrence as an event even if the training material remains the same
  - Do not estimate people attending- use registration forms or sign-in sheets at each event
  - Training differs from education by focusing on a more technical or professionally related subject or audience, such as monitoring techniques etc.

# Water Quality Demonstration BMPs

- Demonstration projects are on-the-ground activities such as installing a rain garden, run-off management measures, etc.
- Only count projects that have been completed during your reporting period.
- If a demonstration project is operated over more than one reporting period, you can count it again if there are additional CZM federal or matching funds spent during the current period.

# Water Quality Education

- Count educational activities that focus on building capacity of audience to improve, safeguard, or restore water quality
- Activities should be on-the-ground only, do not include publications or websites
- Activities occurring on different days can be counted individually

# Water Quality Clean Marina Activities

- Activities to implement Marina Management Measures
- Can include ‘Clean Marina Program’ activities if one exists for your state, Clean Vessel Act program activities or other marina management programs that focus on water quality BMPs.
- Also report the number of marinas in the coastal zone and the total (cumulative) number that have been designated as ‘Clean Marinas’ by the state program. If no state designation program exists, you can report marinas participating in educational events in a new field to be added.

# Water Quality Monitoring Programs

- Focus on coastal water quality monitoring programs that partner with local governments, academics, or volunteer organizations to build capacity.
- Do not include water quality monitoring programs conducted by the state- the focus is on capacity building.
- Also count the number of shoreline or river miles that are monitored during the reporting period.



# Water Quality Permits Reviewed

- Focus on permits related to the implementation of coastal nonpoint pollution program management measures or other best management practices that can be required of the applicant.
- Count permits reviewed during the reporting period.

# Water Quality #5

- Percent of coastal watersheds enhanced through CZM funded capacity building direct activities.
  - This measure is connected to WQ#4 activities only- do not include activities that did not fit under WQ#4.
  - Count the number of coastal watersheds that had at least one activity during the reporting period.
  - Use 8-digit HUC coastal watersheds to track activities.
  - Include watersheds that are entirely or partially within your coastal zone.

# Water Quality #6

- Percent of impaired water-bodies where nonpoint source pollution is the primary source of contamination in coastal waters
  - Report the total number of water-bodies within the coastal watersheds that are designated as impaired during the reporting period.
  - Report the number of those impaired water-bodies that have been classified as impaired due to nonpoint source pollution.
  - Data source is EPA TMDL and 303(d) program.

# Questions

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- Coastal Management Portal

<https://ldresource.ncddc.noaa.gov/OCRM>