



January 10, 2017

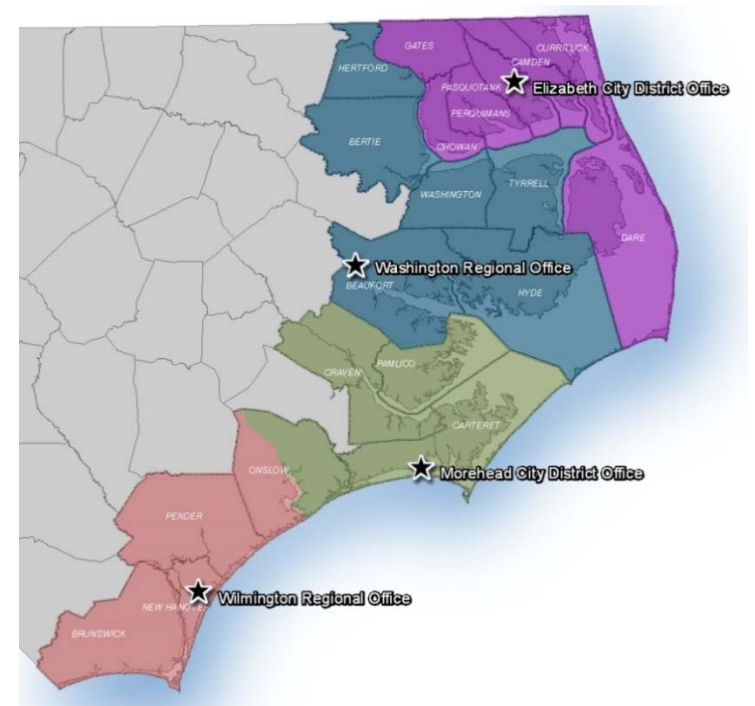
CEC Coastal Permitting Workshop

*Braxton Davis and Doug Huggett
NC Division of Coastal Management*



Division of Coastal Management Overview

- **Regulatory Program**
 - 4 District Offices; Local Permitting Officers
- **Policy and Planning Program**
 - Policy development w/ CRC
 - CAMA Land Use Planning
 - Waterfront Access Grants
 - Clean Marina Program
- **Coastal Reserve Program**
 - 10 Coastal Reserves
 - Focus on research and education



Division of Coastal Management



NC Coastal Resources Commission

- Since 1974, **establishes policies and rules** under CAMA and the NC Dredge & Fill Act
- **13 members** appointed by the Governor, Senate, House
- Adopts land use planning guidelines and certifies **CAMA land use plans**
- Designates “**Areas of Environmental Concern**” and related rules & policies



Division of Coastal Management



NC CRC Science Panel on Coastal Hazards

- **10 coastal geologists & engineers**
- **Scientific input for CRC policy development:**
 - Calculating long-term beach erosion rates
 - Establishing sediment criteria for beach nourishment
 - Delineating Inlet Hazard Areas
 - Monitoring and analysis of terminal groin effects
 - Synthesizing information on sea level rise



Division of Coastal Management



Ocean Hazard Areas of Environmental Concern

- **DCM jurisdiction includes:**
 - *Ocean Erodible Areas*
 - *Inlet Hazard Areas*
- **Erosion rate-based setbacks** based on size of structures
- **Ban on permanent erosion control structures**
- **Rules governing beach and inlet projects**



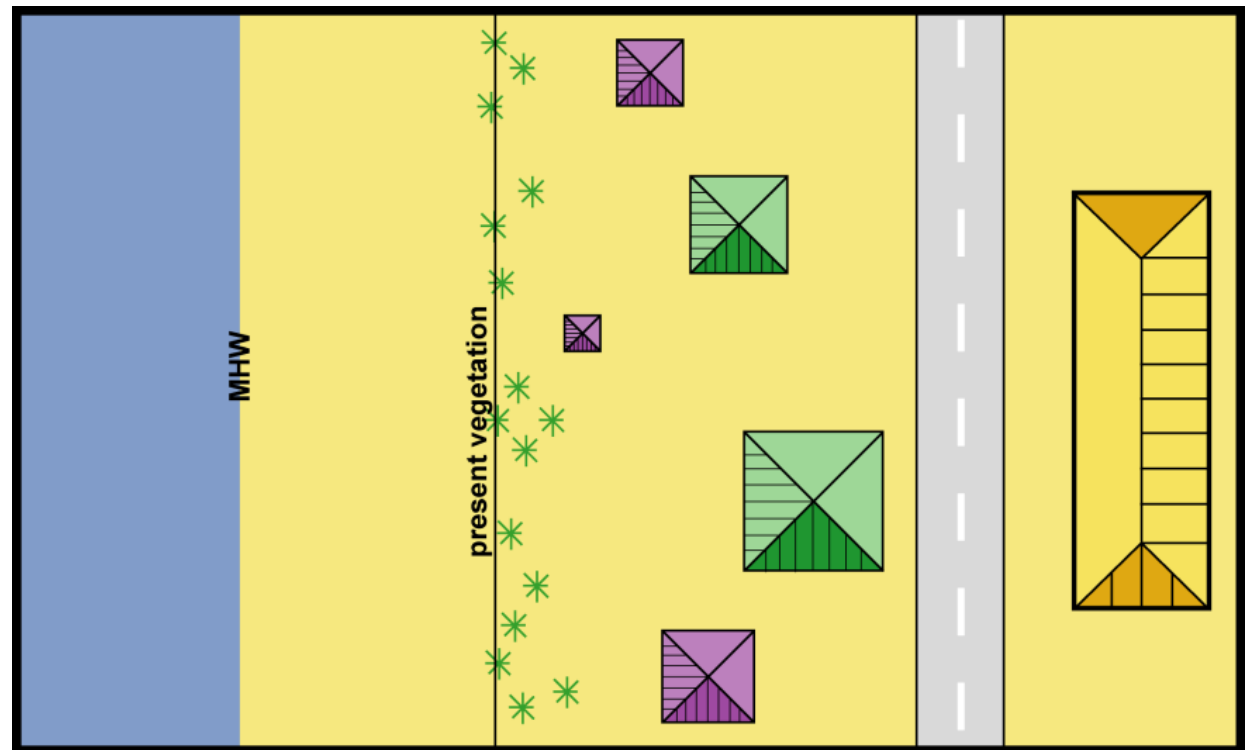
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Graduated Construction Setbacks

- **Graduated, erosion-based setbacks based on size of structures and local long-term erosion rates**

- Min. Erosion = 2 ft./year
- < 5000 sf... x30
- 5-10K sf... x60
- 10-20K sf.. x65
- 20-40K sf.. x70
- 40-60K sf.. x75
- 60-80K sf.. x80
- 80-100Ksf.. x85
- Over 100K.. x90



Sandbags: Temporary Erosion Control

- **283 sandbag structures** on N.C. beaches / **7 miles**
- Prior enforcement issues led to rule amendments
 - 8-year time limit (if pursuing beach fill or other option)
 - Removal of one-time-per-property restriction

Mapped (1996 – 2015)	Count
Total Inventory	349
Covered	49
Removed	56
Washed Out	10
Structures on the Beach	283



Division of Coastal Management

Terminal Groins

- **Up to 6 terminal groins now allowed** in N.C. inlets by S.L. 2011-387 and 2015-241
- **VBHI received first CAMA permit** for a terminal groin – construction completed Fall, 2015
- **Ocean Isle Beach received 2nd permit**, November 2016
- **Figure 8 Island, Holden Beach, North Topsail Beach** have expressed interest and are at different stages in permitting process

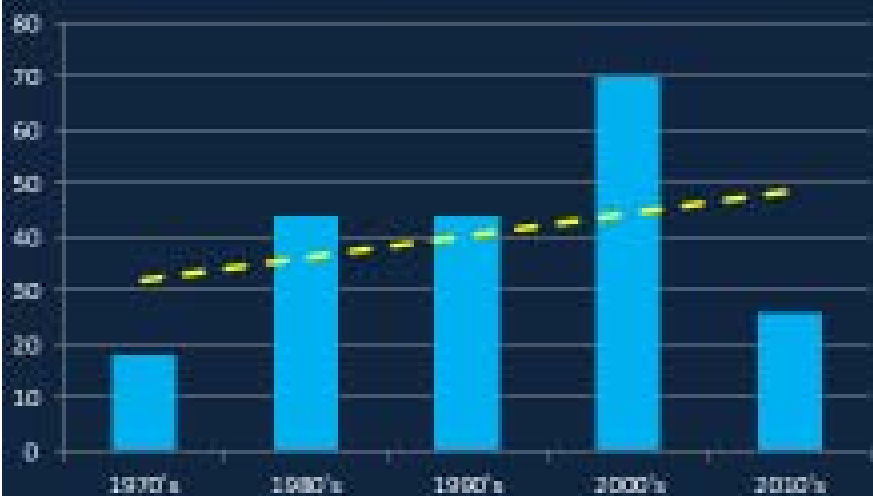
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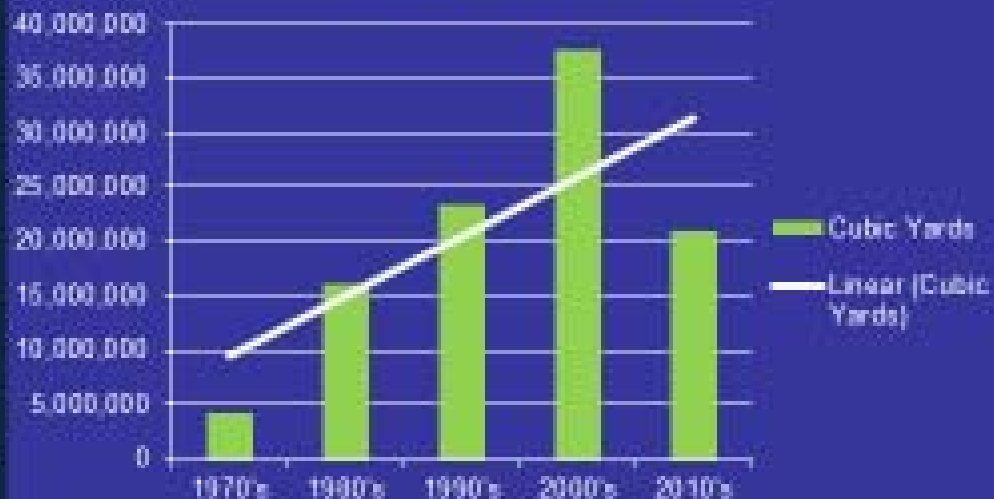
Increasing Beach Nourishment



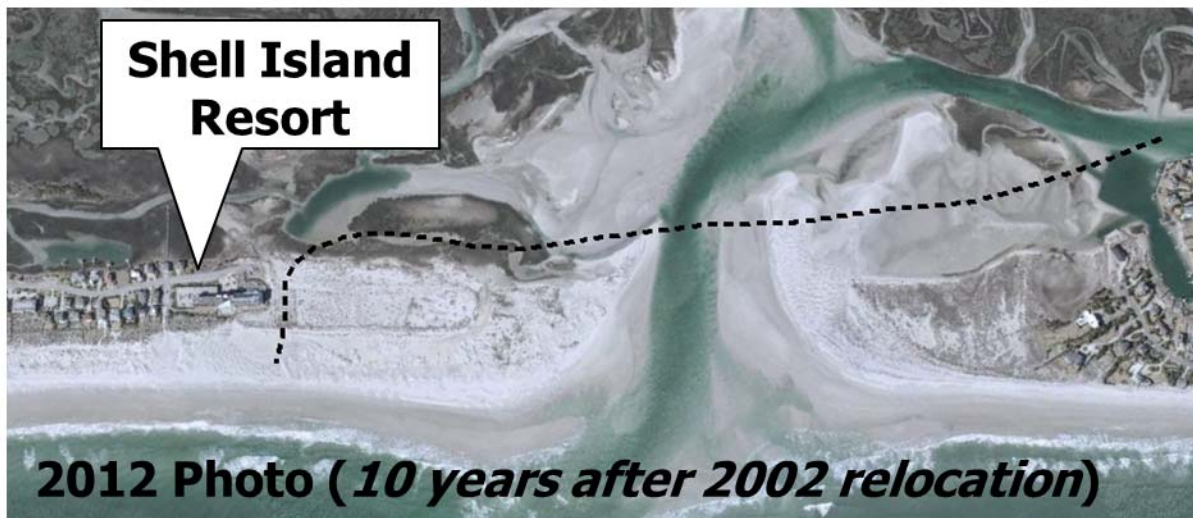
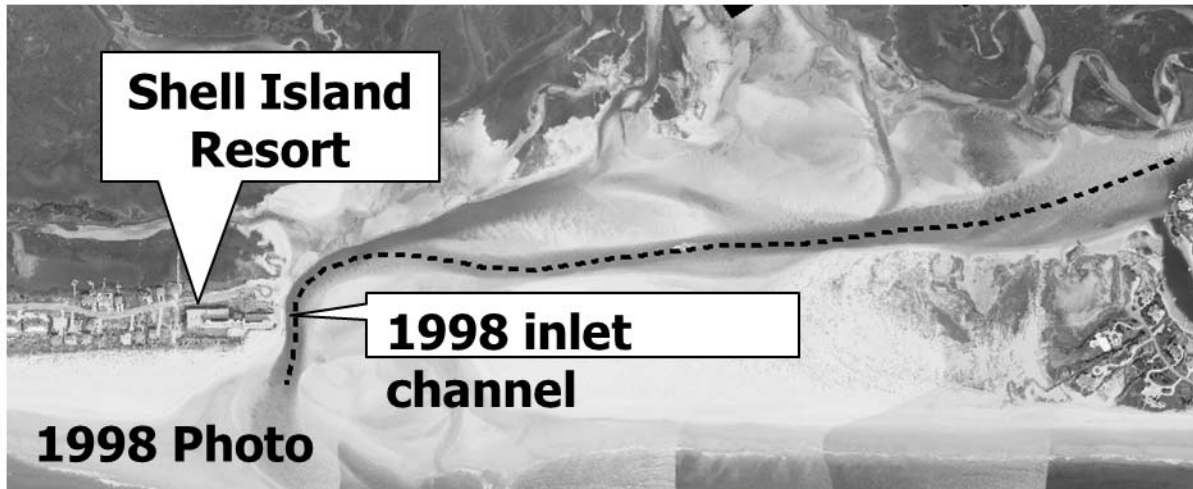
Number of Nourishment Projects



Cubic Yards



Inlet Relocation Projects



Mason Inlet

- Separates Wrightsville Beach & Figure Eight Island
- Project began in 2002
- Maintained every 3-5 years



Legislative Recommendations & Strategies

- **Routine monitoring and analyses** to better understand sediment budgets (sediment sources, littoral transport)
- Encourage local/regional **beach management plans**
- **Streamline permitting** processes
- Continue to **employ construction setbacks**
- Establish **predictable funding sources** for beach & inlet projects
- **Beneficially use** beach-quality dredged material
- **Dedicated state agency staff** for technical assistance in support of beach and inlet mgmt.



NC Programmatic Biological Opinion

DCM issued Request for Proposals in 2015

- Development of Programmatic BA for beach sand placement projects in NC
- Awarded to Dial Cordy and Associates
- Draft completed October, 2016; USACE fwd'd to USFWS
- Two regions: North and South of Cape Lookout
- All potential construction and operation activities involved in beach projects, all coastal T&E sp. and critical habitat
- In-water dredging not included (SARBO or future project)
- Review panel: NCDEQ, WRC, USFWS, USACE, NMFS



Beach and Inlet Project Coordinator

- **Lead regulatory staff on beach and inlet projects**
 - Will act as both field representative & compliance coordinator (working with local DCM field representatives), as well as major permits coordinator
 - Responsible for both new projects and modifications
- **Staff lead for review of environmental documents**
- **Staff lead for review and compilation of monitoring data**
- **Assistance on policy, rule, and legislative efforts**



CAMA Major Permit Process

General Permit No. 198000291

DEPARTMENT OF THE ARMY
Wilmington District, Corps of Engineers
69 Darlington Avenue
Wilmington, North Carolina 28403-1343
<http://www.faw.usace.army.mil/Missions/Regulatory/PermitProgram.aspx>

General Permit No. 198000291
Name of Permittee: General Public
Effective Date: January 01, 2017
Expiration Date: December 31, 2021

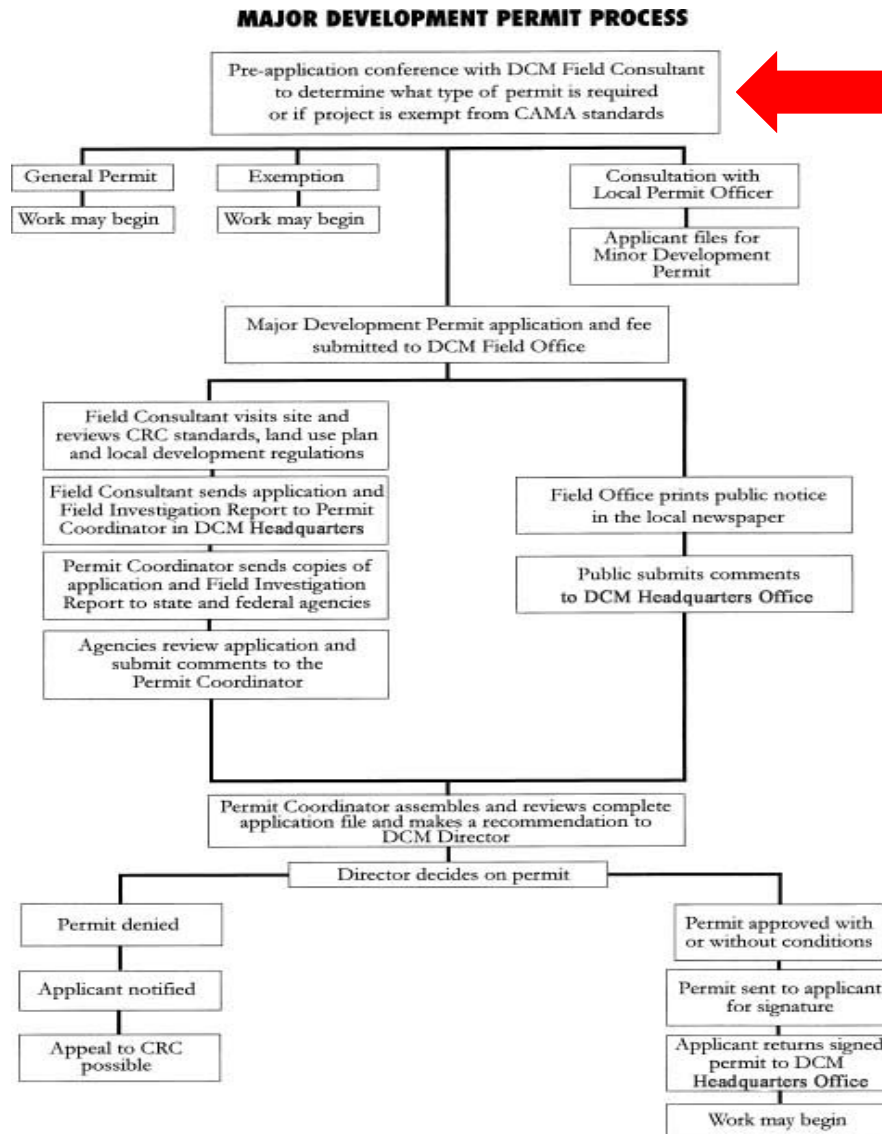
DEPARTMENT OF THE ARMY
GENERAL PERMIT

A general permit to discharge in accordance with the mission of the United States and interests of

ACTIVITIES IN THE 20 COASTAL COUNTIES RECEIVING PRIOR APPROVAL FROM THE STATE OF NORTH CAROLINA IN THE FORM OF A COASTAL AREA MANAGEMENT ACT (CAMA) PERMIT, AND/OR A STATE DREDGE AND FILL PERMIT, AND IF REQUIRED, A WATER QUALITY CERTIFICATION, THAT ARE OTHERWISE NOT ELIGIBLE FOR FEDERAL AUTHORIZATION IN THE FORM OF A NATIONWIDE PERMIT OR ANOTHER REGIONAL



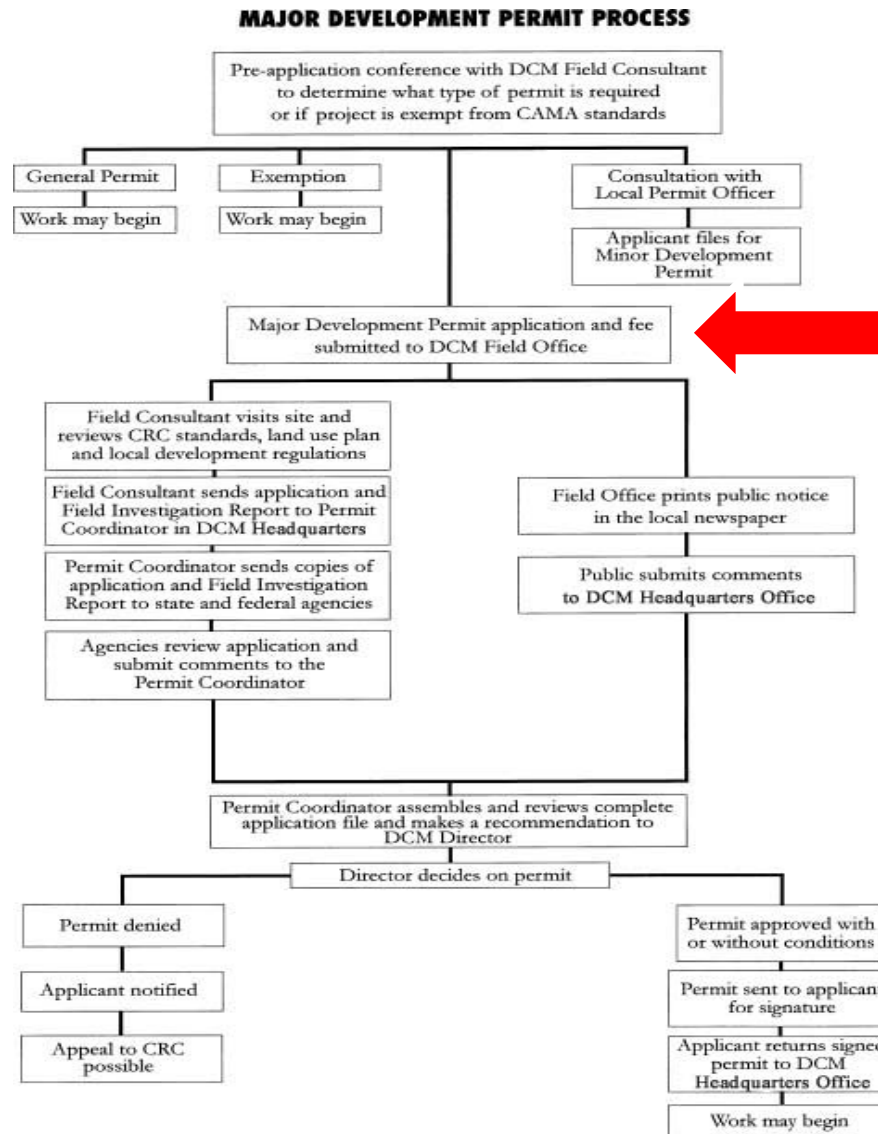
CAMA Major Permit Process



Pre-application meeting w/ DCM Field Rep.



CAMA Major Permit Process

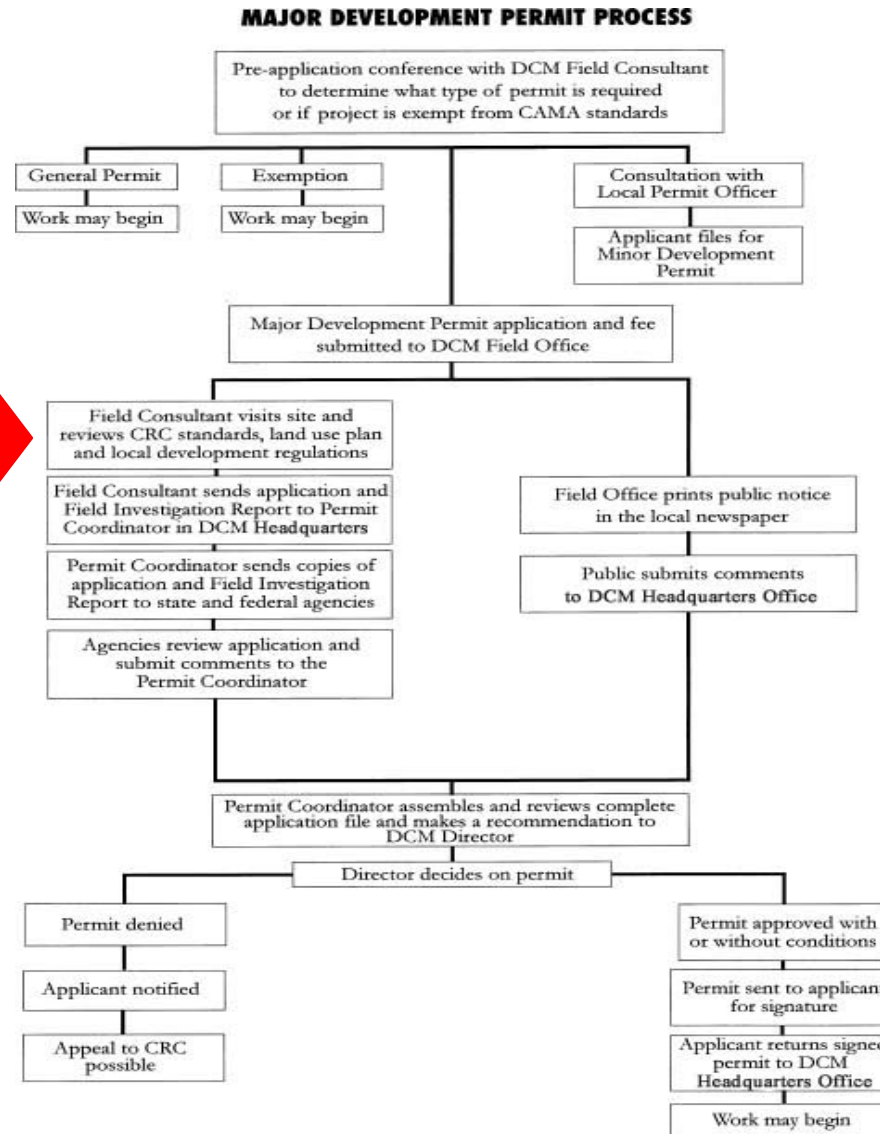


Application Package and Fee Submitted to DCM Field Office

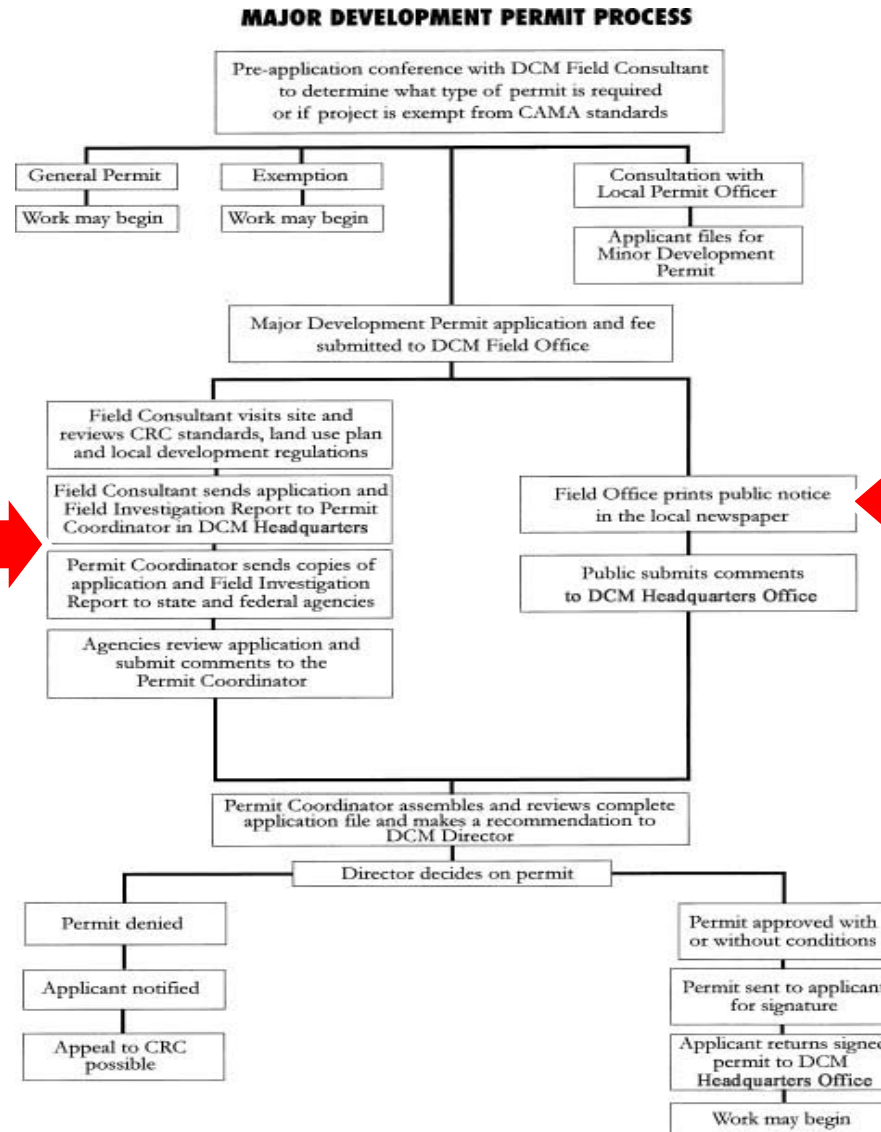


CAMA Major Permit Process

Site Visit by Field Rep. & Review App. For Completeness



CAMA Major Permit Process



App. Package Sent to State & Federal Agencies, as well as Major Permits Unit

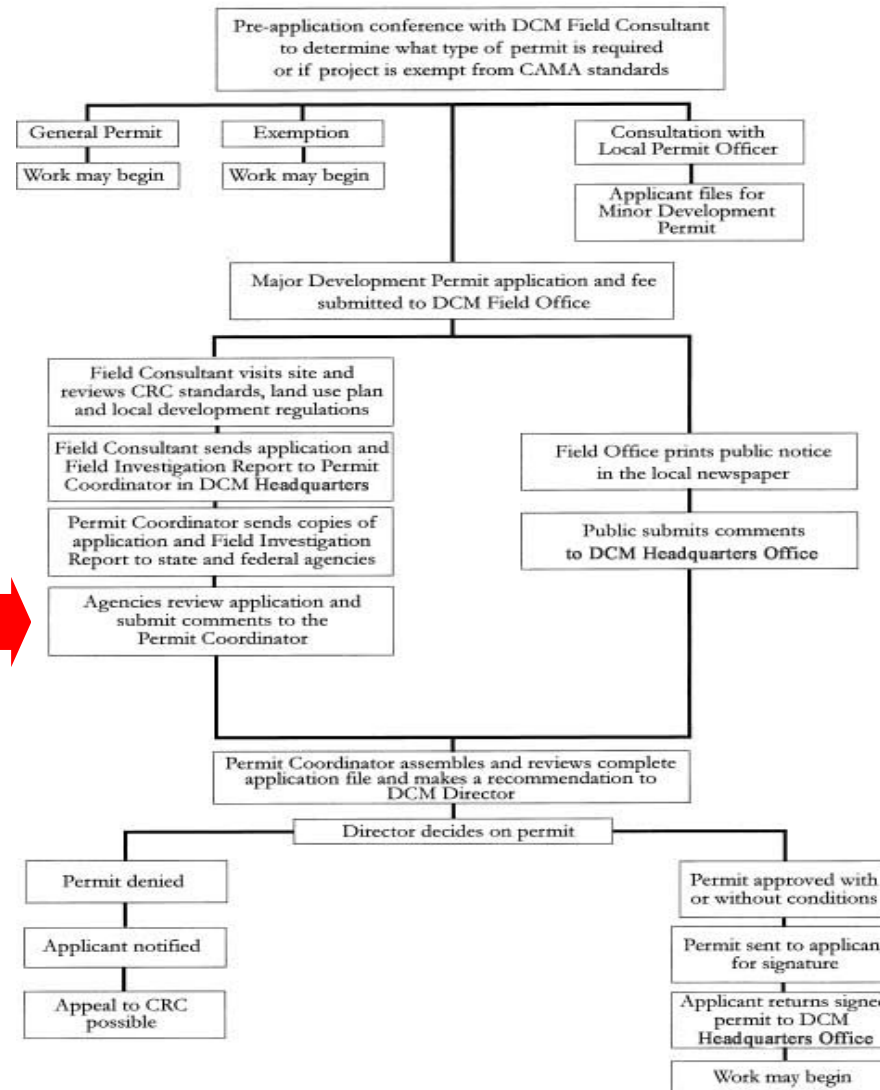


Public Notice



CAMA Major Permit Process

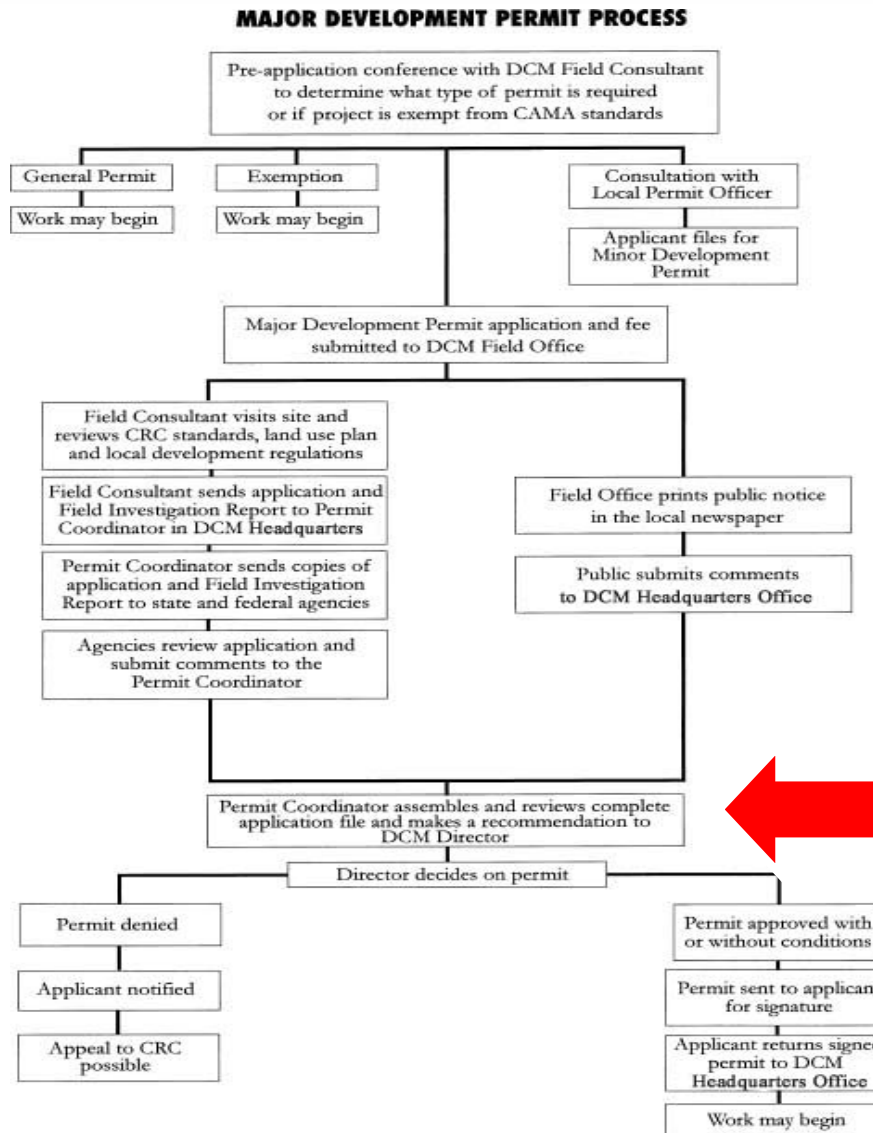
MAJOR DEVELOPMENT PERMIT PROCESS



**Agencies
Review
Application and
Provide
Comments to
Major Permits
Coordinator**



CAMA Major Permit Process

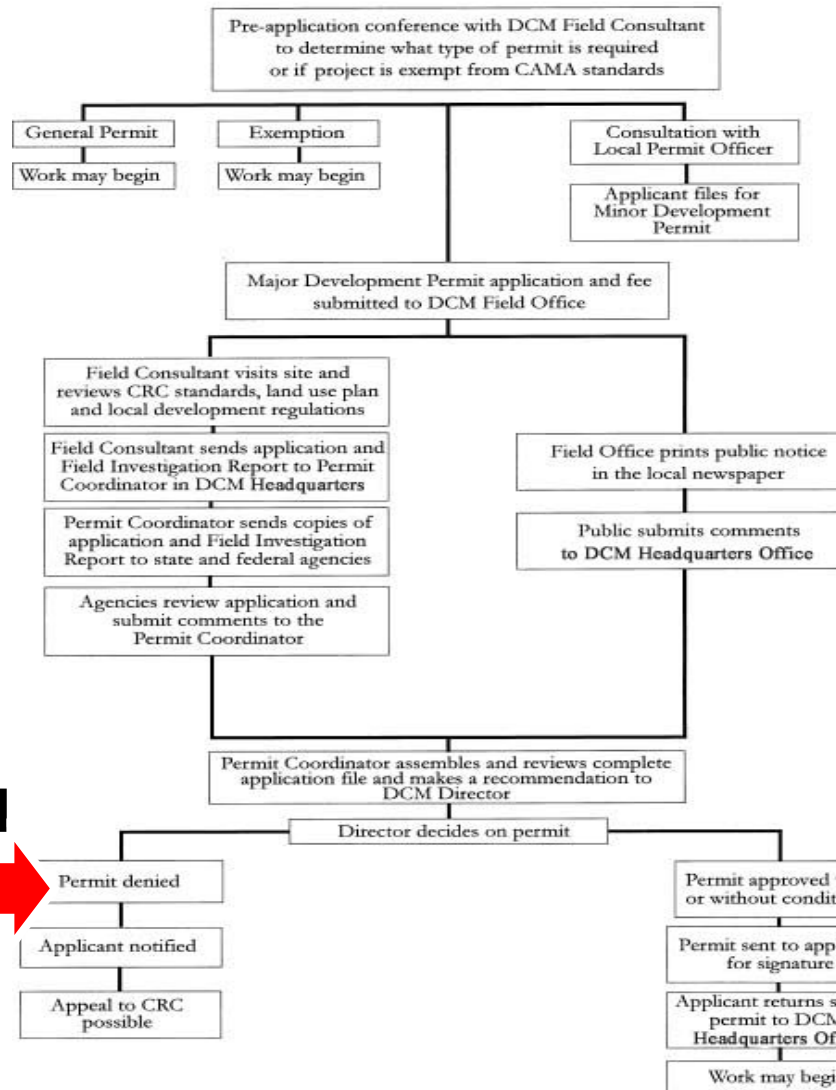


Permit Coordinator Reviews Project for Consistency w/ CRC Rules. Also Considers Comments & Recommendations of other Agencies and Public.



CAMA Major Permit Process

MAJOR DEVELOPMENT PERMIT PROCESS



**Permit Denied.
Variance/Appeal
Possible.**



**Permit Issued.
Appeals Possible.**



CAMA Major Permit Applic. Review Agencies

Division of Coastal Management

Division of Water Resources

Division of Marine Fisheries

**Division of Energy, Mineral and
Land Resources**

Wildlife Resources Commission

**Department of Natural and
Cultural Resources**

Department of Transportation

Div. of Community Assistance

State Property Office

U.S. Army Corps of Engineers

U.S. Fish and Wildlife Service

**National Marine Fisheries
Service**

**Environmental Protection
Agency**

Local Government's



Benefits of CAMA Major Permit Process

- **DCM collects fees for both the CAMA Permit and the DWR Wetlands Permit**
- **The application for a CAMA Permit also suffices as an application for the following permits:**

Water Quality Certification (DWR)

Federal Wetlands Permit (USACE)

Section 10 (Navigation) Permit (USACE)

- **State and Federal agency coordination reduces chances of conflicting regulatory requirements**
- **Process runs concurrently with Federal permit process**



Miscellaneous Issues

- **Sediment Compatibility Standards**
- **Borrow Site Selection**
- **Project Timing**
- **State Environmental Policy Act Review**
- **Limited Staff Resources/Expertise**
- **Project Modifications**
- **?**



North Carolina Division of Coastal Management

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DCM Major Permits Coordinator

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