



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



BULK TERMINAL: OVERCOMING THE ENVIRONMENTAL CHALLENGES OF BULK MATERIAL HANDLING OPERATIONS

From Notice of Violation with State Agency
To Award Winning Facility

Sarah Garza
Director, Environmental Planning & Compliance



BULK TERMINAL OVERVIEW

Bulk Dock 1

Draft: 34 ft
Dock Length: 396 ft
Gantry Crane
Permit #47881

Bulk Dock 2

Draft: 45 ft
Slip Length: 1,270 ft
Dock Length 375 ft
Radial Ship Loader
Permit #9498

Commodities

Coal, Pet Coke, Coal, Ore,
Minerals, and other Dry
Bulk

Serving Panamax Class
Vessels, Class I Railways,
and Highway access via
Joe Fulton Corridor

Tenants:
Koch Sulfur
Citgo
Valero
Koch Carbon

Permit by Rule for Painting and Blasting
Operations



PORT CORPUS CHRISTI[®]

Moving America's Energy



ENVIRONMENTAL MANAGEMENT

2004 through AAPA Partnership developed an EMS Program, Bulk Terminal was included in the fence line.

Environmental Policy approved by Port Commission in 2004

ISO 14001 Certification in July 2007



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



ENVIRONMENTAL CHALLENGES AT THE BULK TERMINAL



Storm
Water
Runoff

Fugitive
Dust

Built Before
Environmental
Regulations



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



OUTSIDE FACTORS

Multiple Operators – PCCA,
Three Tenants, Two
Operators

Community – Residential
Neighborhood across ship
channel to the south

North Winds in Winter and
Early Spring



PORT CORPUS CHRISTI[®]

Moving America's Energy

connect with us: portofcc.com



HISTORY OF ENVIRONMENTAL INITIATIVES



Bulk Dock 1 Air Permit
Renewal/Amendment

Environmental
Enhancement Strategy –
2013

Hired Environmental
Attorney – Debra Baker to
Assist With Permitting



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



TURN OF EVENTS

August 2013 – Bulk Dock 1 Permit Public Notice: 175 Comments/ Requests for Contested Case Hearings

October 2013 – TCEQ Executive Boat Tour: pet coke blowing from roads, stockpiles, and staged railcars

Root Cause Investigation and Corrective Action, Meeting with TCEQ, Provided summary of other NOV's issued to our tenants at Bulk Terminal

Letter to Tenants Putting them on Notice and requesting meeting in next 30 days with outline of their proposed corrective actions.

January 15, 2014 – Channel Closure due to pet coke in the water during loading operation, cold front northwinds, stockpiles blowing

TCEQ also received several complaints from adjacent neighborhood, white dog turned black
July 2014 – Notice of Violation issued to PCCA only.

TCEQ contractor for complaint fine stopped recording complaints after first five or so, reportedly 20+ complaints.



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



RESPONSE / DAMAGE CONTROL

Immediately
began damage
control

Press Release on
Standby

Communication
with Regional
Director of TCEQ

Environmental
Justice Meeting

Sierra Club
Presentations



PORT CORPUS CHRISTI[®]

Moving America's Energy

connect with us: portofcc.com



SHORT TERM CORRECTIVE ACTIONS



Tenant Meetings / Collaboration

Air Monitoring Network Development

Paving

Water Truck

Operations Manual

Training on Stop Work Authority



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com





PORT CORPUS CHRISTI®

Moving America's Energy

OUTREACH EFFORTS

Site Visits / Tours

Tenant Meetings
(Individually)

Tenant, Port, Operators
Collaborative Meetings

Best Management
Practices for Bulk
Terminal

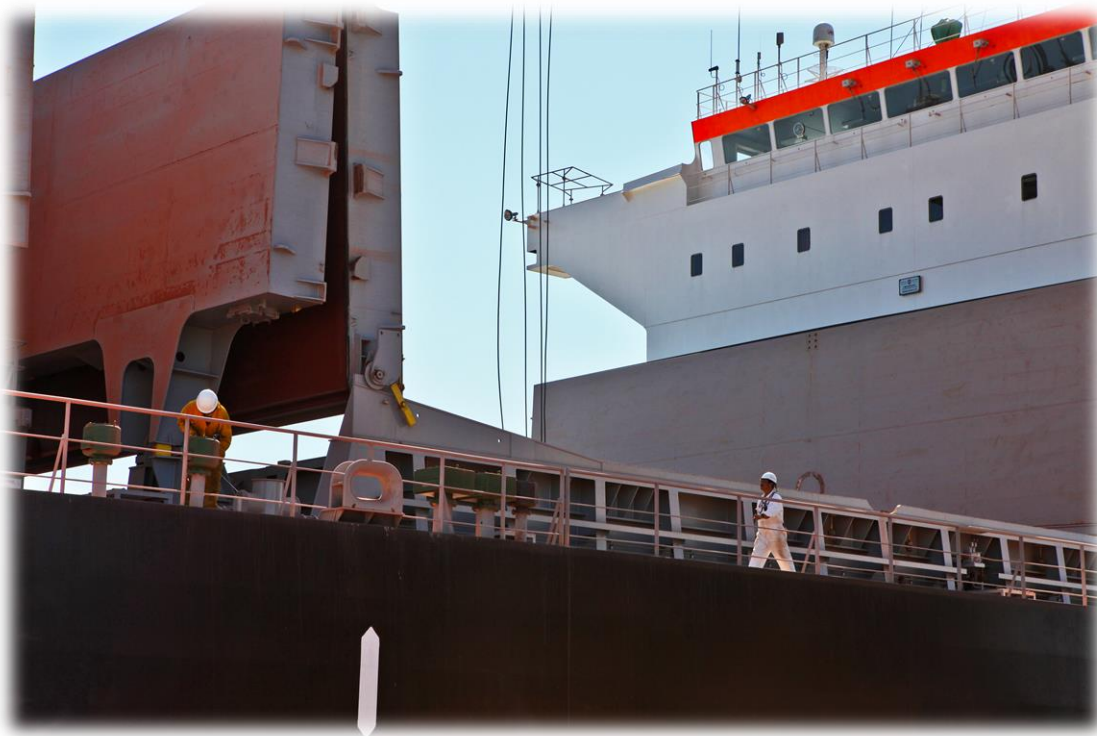




PORT CORPUS CHRISTI®

Moving America's Energy

MID TERM CORRECTIVE ACTIONS

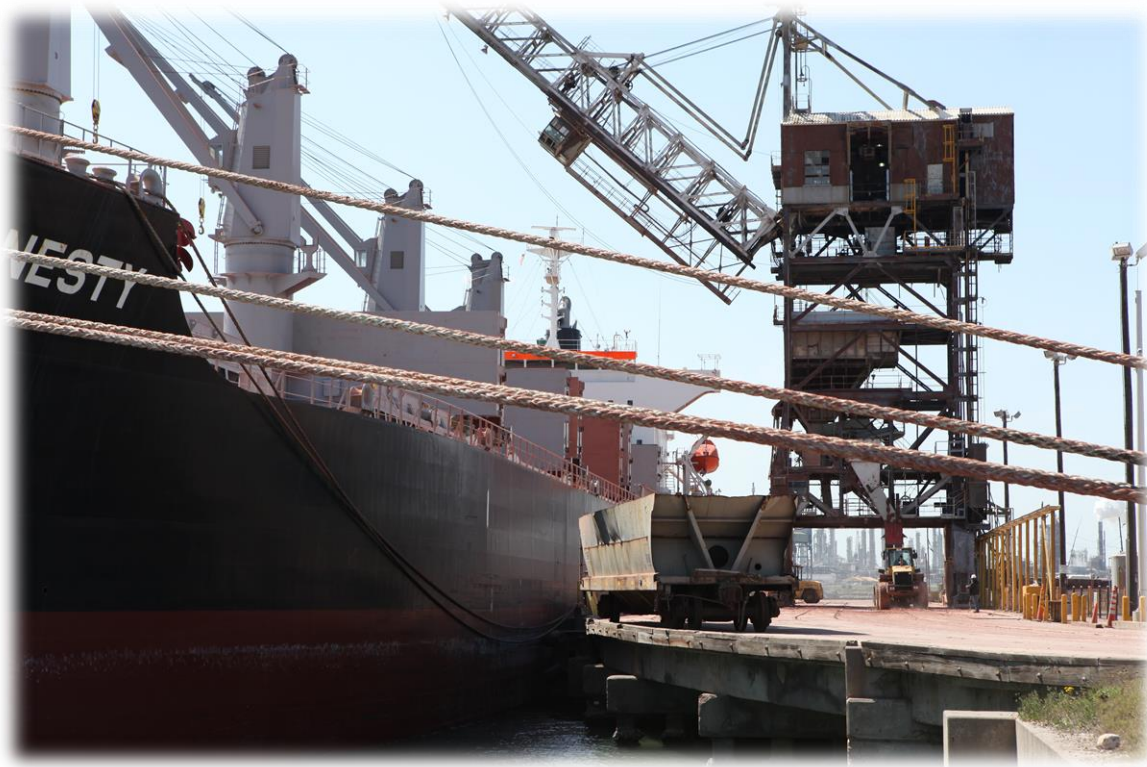


Air Monitoring Pilot Test

Commissioned an Evaluation of Storm Water Runoff

Capital Design Storm Water Quality Improvements

ADDITIONAL RESPONSE



Commissioned a
Fugitive Dust Study

Presentation to Tenants
on Storm Water Report
and Fugitive Dust
Report



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



3 YEAR ANNIVERSARY

Bulk Dock 1 Permit Issued
Chairman Questioned our
Compliance History



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



ANOTHER TURN OF EVENTS

PCCA Bulk Terminal
recipient of CBBF
Environmental Stewardship
& Conservation Award in
Industry Category

Port Commission approves
new environmental policy

Air Monitoring Network
Pilot Test completed

Meetings with TCEQ
Commissioners



PORTCORPUSCHRISTI®

Moving America's Energy

connect with us: portofcc.com



NEXT STEPS



Construction of Storm Water
Quality Improvement Project
Phase I

Bulk Terminal Master Plan RFP

Air Permitting Consultant

Tenant Collaboration

Air Monitoring Network – Long
Term Health Group



PORT CORPUS CHRISTI®

Moving America's Energy

connect with us: portofcc.com



KEY TO SUCCESS

Immediate and
transparent
communication
with state agency

Immediate and
transparent
communication
with public

Immediate
response /
identification of
corrective actions



PORT CORPUS CHRISTI[®]


Moving America's Energy



INFORMATION DISTRIBUTION

Information distribution is managed through partnership between the Environmental Planning and Compliance and Communications Departments

The Port Corpus Christi Website and Social Media Channels are utilized for information and press release distribution – PortofCC.com; Facebook; Twitter



PORTCORPUSCHRISTI

- PRESS RELEASE -
Thursday, December 3, 2015

For More Information Contact:
PATRICIA CARDENAS
Communications Director
Dir. Line: 361.605.6124
Cell: 361.816.3621
patricia@pocca.com

Bulk Materials Terminal at Port Corpus Christi Receives a Conservation & Environmental Stewardship Award

Corpus Christi, TX, USA – The Coastal Bend Bays Foundation 13th Annual Conservation & Environmental Stewardship Awards Banquet is Thursday, December 3, 2015 at the American Bank Center Henry Garrett Ballroom. The Coastal Bend Bays Foundation (CBBF) announced the 2015 winners include the Port Corpus Christi Bulk Terminal in the Industry category.

The CBBF Awards Program recognizes and honors outstanding Coastal Bend citizens, educators, businesses, governing bodies, and other entities. Winners are chosen due to significant contributions in the areas of habitat conservation, enhancement, protection, restoration or preservation of the Coastal Bend's precious natural resources, or in educating the region's youth and adults about the importance and value of our natural surroundings.

The Industry Award is chosen for a Port-related Coastal Bend business or industry that exhibits leadership in protection or conservation of Coastal Bend natural resources, and for placing a high priority on our region's environment. The Port Corpus Christi Bulk Terminal is receiving this award for taking a proactive approach beyond regulatory requirements with concern for our environment. Environmental improvements at Port Corpus Christi's Bulk Terminal are implemented with an aim to control fugitive dust emissions and storm water runoff from bulk material handling and storage operations. These improvements are a proven success.

"The improvements made at the facility to date are a direct result of the awareness of the issues and efforts by Port Corpus Christi personnel, as well as good cooperation and collaboration with our tenants. With further environmental improvements planned for the facility and operations



Port Corpus Christi with Danielle DuBose Co
January 21 · 🌐

Port Corpus Christi Environmental Planning & Compliance provided a great lesson to kiddos at the Texas State Art holiday camp. Today they received a wonderful thank you from the kiddos!
#peoplemoveourport





THANK YOU

QUESTIONS • COMMENTS?

connect with us: portofcc.com



PORT CORPUS CHRISTI™