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

PORTCORPUSCHRISTI®
Moving America’s Energy
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
ENVIRONMENTAL CHALLENGES AT THE BULK TERMINAL

Storm Water Runoff

Fugitive Dust

Built Before Environmental Regulations

PORTCORPUS CHRISTI®
Moving America’s Energy

connect with us: portofcc.com  Facebook  Twitter
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
HISTORY OF ENVIRONMENTAL INITIATIVES

Bulk Dock 1 Air Permit Renewal/Amendment

Environmental Enhancement Strategy – 2013

Hired Environmental Attorney – Debra Baker to Assist With Permitting
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 NOVs 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.
Immediately began damage control

Press Release on Standby

Communication with Regional Director of TCEQ

Environmental Justice Meeting

Sierra Club Presentations
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
OUTREACH EFFORTS

Site Visits / Tours
Tenant Meetings (Individually)
Tenant, Port, Operators Collaborative Meetings
Best Management Practices for Bulk Terminal
MID TERM CORRECTIVE ACTIONS

Air Monitoring Pilot Test
Commissioned an Evaluation of Storm Water Runoff
Capital Design Storm Water Quality Improvements
Commissioned a Fugitive Dust Study Presentation to Tenants on Storm Water Report and Fugitive Dust Report
3 YEAR ANNIVERSARY

Bulk Dock 1 Permit Issued

Chairman Questioned our Compliance History
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
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
KEY TO SUCCESS

Immediate and transparent communication with state agency

Immediate and transparent communication with public

Immediate response / identification of corrective actions
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.
THANK YOU
QUESTIONS • COMMENTS?

connect with us: portofcc.com

PORT CORPUS CHRISTI™