Florida Department of
Environmental Protection

Memorandum

TO: Rick Bradburn
THROUGH: Armando I. Sarasua, P.E.
FROM: Angelia Jackson
DATE: April 4, 2012
SUBJECT: Evaluation Summary for Eastern Shipbuilding Group, Panama City Yard (Nelson Street Facility) 0050074-004-AO, Bay County

We recommend issuing a renewal permit to Eastern Shipbuilding Group to operate their Panama City Yard (Nelson Street Facility). This permit follows 0050074-003-AO, effective November 20, 2006. The existing fuel oil-fired engine used to drive the air compressor became subject to 40 CFR 63 Subpart ZZZZ. This new requirement is incorporated into this renewal permit.

Process Description. This facility constructs steel ships in the 100' to 300' range. Activities associated with this permit are limited to abrasive blasting using fuel oil-fired engines that power the compressors for air tools and painting operations.

Pollution Control Equipment. Emissions from open-air blasting and painting are controlled by maintaining good work practices; fugitive emissions are controlled by the use of screens.

Environmental Impact.

Airborne Contaminant Emitted	FAC Rule	Estimated Emissions		Allowable Emissions	
		lbs/hr	T/yr	lb/hr	T/yr
PM	N/A	N/A	<5	N/A	<5
VOC	N/A	N/A	53.8	N/A	53.8
NOx	N/A	N/A	49.8	N/A	49.8
HAPs	N/A	N/A	12.5	N/A	12.5
Objectionable Odors	62-296.320(2)	N/A	N/A	None allowed off plant property	
VE	N/A	N/A	N/A	Not more than 20% opacity	

Applicable Rules & Regulations. This source is regulated in accordance with Rule 62-296.320, F.A.C., the General Pollutant Limiting Standards, and limits on operational and materials usage. The diesel engine (EU 003) is subject to applicable portions of 40 CFR 63 ZZZZ.

Compliance Monitoring. VOC, HAP and NOx emissions are monitored by material usage records on a monthly and rolling 12-moth total basis.

Compliance History. **2011 – 2007** Compliance inspections noted the facility to be "In-Compliance."

Fee Summary.
This is an AO2C ($1,500 fee) minor source with no testing ($750 each for two emission units).

AJ/c