GAC CONTRACTORS
GREAT NORTHWEST UTILITY SPECIALIST
GULF ASPHALT
POST OFFICE BOX 59462, PANAMA CITY, FL 32412-0462
FAX: (850) 769-3456
(850) 769-3477
(850) 785-4675

August 23, 2010

RECEIVED
AUG 2 6 2010
NORTHWEST FLORIDA
DEP

Mr. Rick Bradburn
Air Program Administrator
Department of Environmental Protection
160 Government Center
Pensacola, FL 32501-5794

Subject: GAC Contractors Asphalt Plant-Construction Permit, additional information.
DEP File No. 0050008-004-AC
Panama City, FL, Bay County

Dear Mr. Bradburn:

Enclosed please find four (4) copies of additional information to our Application for Air Permit (DEP Form 62-210-900(3)) for the addition of a lime silo. This is the information you requested in your letter of June 24, 2010. The additional information consists of the following:

1. Completion of page 12, DEP Form No. 62-210-900(3)
2. Completion of page 14
3. Completion of page 15 (2 pages)
4. Professional Engineer Certification Statement

Sincerely,

Richard M. Dodd, P.E.
President

Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method): Lime Silo top-mounted baghouse. Baghouse manufactured by Griffin Environmental Company, Inc., Syracuse NY. Model Optbelt – VB 4L -290. 54 cloth bags, 4-inch diameter, 6 feet long.
2. Control Device or Method Code(s):

Emissions Unit Details

1. Package Unit:			
Manufacturer:	NA	Model Number:	
2. Generator Nameplate Rating:	NA	MW	
3. Incinerator Information:		NA	
Dwell Temperature:			°F
Dwell Time:			seconds
Incinerator Afterburner Temperature:			°F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:		NA	mmBtu/hr
2. Maximum Incineration Rate:	NA	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		1.2 tons/hr (lime)	
4. Maximum Production Rate:		125 tons/hr (Asphalt FC-5)	
5. Requested Maximum Operating Schedule:			
	7 hours/day		1 days/week
	2 weeks/year		14 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters): Operation depends on production of FC-5. Our non-FDOT customers do not use FC-5 and we do not foresee using much lime in the future.			

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Emissions Unit Information Section _____ of _____

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment ___1__ of __1___

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Process: Batch transfer of hydrated lime (Ca(OH)2) from lime silo to asphalt mixer. Only used for certain FDOT asphalt mixture specifications. unloading cement supplement to elevated storage silo (scc 3-05-011-17) TK 3/2/11		
2. Source Classification Code (SCC): ~~32 741 11~~ ?? 03-05-011-17	3. SCC Units: ~~mg/M3~~ lb/ton loaded	
4. Maximum Hourly Rate: 1.2 tons	5. Maximum Annual Rate: 18 tons	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: NA	8. Maximum % Ash: NA	9. Million Btu per SCC Unit: NA
10. Segment Comment (limit to 200 characters): Hydrated lime: EPA # A349-3522		

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):	3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Emissions Unit Information Section _____ **of** _____

Pollutant Detail Information Page _____ **of** _____

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: PM		2. Pollutant Regulatory Code: ~~WP~~ EL
3. Primary Control Device Code: 017	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: lb/hour 0.036 tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: 0.042 lbs/ton Reference: GAC 2009 baghouse test		9. Emissions Method Code 5
10. Calculation of Emissions (limit to 600 characters): (1750 tons/yr)(0.042 lbs/ton) = 73 lbs/yr = 0.036 tons/yr		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

8/18/10

Emissions Unit Information Section _____ of _____

Pollutant Detail Information Page _____ of _____

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: PM-10	2. Pollutant Regulatory Code: ~~WP~~ EL	
3. Primary Control Device Code: 017	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: lb/hour 0.0034 tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: 0.0039 lbs/ton Reference: AP-42		9. Emissions Method Code 5 :
10. Calculation of Emissions (limit to 600 characters): (1750 tons/yr)(0.0039 lbs/ton) = 6.8 lbs/yr = 0.0034 tons/yr		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

8/18/10

APPLICATION INFORMATION

Professional Engineer Certification

1. Professional Engineer Name: Richard M. Dodd
   Registration Number: 0000046579
2. Professional Engineer Mailing Address...
   Organization/Firm: GAC Contractors, Inc.
   Street Address: 4116 Hwy 231 North
   City: Panama City State: FL Zip Code: 32404
3. Professional Engineer Telephone Numbers...
   Telephone: (850) 769 - 3477 Fax: (850) 769 - 3456
4. Professional Engineer E-mail Address: dodd@gaccontractors.com
5. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

(3) If the purpose of this application is to obtain a Title V air operation permit (check here ☐, if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.

(4) If the purpose of this application is to obtain an air construction permit (check here [X], if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here , if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here ☐, if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Signature 8/23/10 (seal) Date 8/23/10

* Attach any exception to certification statement.

Curle, Mary Beth

From: Richard Dodd [dodd@gaccontractors.com]
Sent: Saturday, August 07, 2010 11:37 AM
To: Moore, Deborah L.
Cc: Sarasua, Armando; Curle, Mary Beth; Melton, Carol
Subject: RE: DEP Air Program request for additional information; G.A.C. Contractors 0050008-004-AC

Ms. Moore –

Thanks for this inquiry. We are collecting this data and will be in touch.

Most of our energies at present are being spent on the oil spill. Our Company has ramped up from 200 employees in June to 1700 employees now as we are assisting BP with this situation.

Richard

GAC Contractors, Inc.
Richard Dodd, P.E., President
4116 Highway 231
Panama City, Florida 32404
Phone 850-769-3477
Mobile 850-527-5937
Fax 850-769-3456
Visit our website at http://www.gaccontractors.com

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With offices in Panama City, Port St Joe, Blountstown, Freeport, Florida, and Enterprise, Alabama

Celebrating over 50 years of Excellence

From: Moore, Deborah L. [mailto:Deborah.L.Moore@dep.state.fl.us]
Sent: Wednesday, August 04, 2010 9:49 AM
To: Richard Dodd
Cc: Sarasua, Armando; Curle, Mary Beth; Melton, Carol
Subject: FW: DEP Air Program request for additional information; G.A.C. Contractors 0050008-004-AC

Mr. Dodd,

I am following up on this request for additional information for your air construction permit application, DEP file number 0050008-004-AC, for the addition of a lime silo at the Gulf Asphalt plant in Panama City, Bay County. Please provide an update on when this information will be submitted to the Department. If you have any questions or need additional help please let me know (new number below). Thank you,

Debbie Moore

Deborah Moore
Permit Engineer, Air Program, Northwest District
Florida Department of Environmental Protection
160 Governmental Center, Suite 308 Pensacola, Florida 32502-5794
850/595-0624; fax 850/595-8096 Deborah.L.Moore@dep.state.fl.us

Please Note: Florida has a very broad public records law. Most written communications to or from state officials are public records and may be made available to the public and/or media upon request. This e-mail communication may therefore be subject to public disclosure.

From: Curle, Mary Beth
Sent: Thursday, June 24, 2010 2:26 PM
To: richard@gaccontractors.com
Cc: Cooey, Sally; Sumner, Mark C.; Bradburn, Rick; Sarasua, Armando; Moore, Deborah L.
Subject: DEP Air Program request for additional information; G.A.C. Contractors 0050008-004-AC

Dear Sir/Madam:

Please send a reply message verifying receipt of the attached document by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document.

The document may require action within a specified time frame. Please open and review as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: http://www.adobe.com/products/acrobat/readstep.html. When printing the attached document from Adobe Acrobat Reader, select "Document and comments" from the "Print What:" menu item; if this is not done the signature may not appear on the printed document.

Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. Thank you.

Please be advised that if you have anti-virus software, a warning may appear when you attempt to open our document. This is only a warning. We send our documents virus-free.

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey. Thank you in advance for completing the survey.

Curle, Mary Beth

From: Richard Dodd [dodd@gaccontractors.com]
Sent: Thursday, June 24, 2010 3:27 PM
To: Curle, Mary Beth
Subject: RE: DEP Air Program request for additional information; G.A.C. Contractors 0050008-004-AC

GAC Contractors, Inc.
Richard Dodd, P.E., President
4116 Highway 231
Panama City, Florida 32404
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From: Curle, Mary Beth [mailto:Mary.Beth.Curle@dep.state.fl.us]
Sent: Thursday, June 24, 2010 2:26 PM
To: Richard Dodd
Cc: Cooey, Sally; Sumner, Mark C.; Bradburn, Rick; Sarasua, Armando; Moore, Deborah L.
Subject: DEP Air Program request for additional information; G.A.C. Contractors 0050008-004-AC

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The document may require action within a specified time frame. Please open and review as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: http://www.adobe.com/products/acrobat/readstep.html. When printing the attached document

from Adobe Acrobat Reader, select "Document and comments" from the "Print What:" menu item; if this is not done the signature may not appear on the printed document.

Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. Thank you.

Please be advised that if you have anti-virus software, a warning may appear when you attempt to open our document. This is only a warning. We send our documents virus-free.

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey. Thank you in advance for completing the survey.

FILE COPY

Florida Department of Environmental Protection

Northwest District
160 Governmental Center, Suite 308
Pensacola, Florida 32502-5794

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

June 24, 2010

By Electronic Mail, Received Receipt Requested
richard@gaccontractors.com

Mr. Richard Dodd P.E., President
G.A.C. Contractors, Inc.
4116 Highway 231 North
Panama City, Florida 32404

Dear Mr. Dodd:

This is to acknowledge receipt of your application for an air construction permit, DEP file number 0050008-004-AC, for the addition of a lime silo at the Gulf Asphalt plant in Panama City, Bay County. This letter constitutes notice that a permit will be required for your project pursuant to Chapter 403, Florida Statutes.

Your application for permit is incomplete. Evaluation of your proposed project will be delayed until all requested information has been received. References made below to "Application" refer to DEP Form No. 62-210.900(3), Effective 2/11/1999 and its instructions.

1. Provide Emissions Unit Details and Emissions Unit Operating Capacity and Schedule for the lime silo and baghouse from Application Section III., Subsection A., Page 12. [Rule 62.4-070, F.A.C.]

2. Provide an SCC, units, and rates for the segment description from Application Section III., Subsection C., Page 14.

3. Provide Potential Emissions for the lime silo and baghouse from Application Section III., Subsection D., Page 15.

Professional Engineer (P.E.) Certification Statement: Rule 62-4.050(3), F.A.C., requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. As a result, at a minimum your response to the above should be certified by a professional engineer registered in the State of Florida. Please complete and submit a new P.E. certification statement page from the Non-Title V application form, DEP Form No. 62-210.900(3) (enclosed).

When referring to this project, please use the file number indicated above. The Department must receive a response from you within 90 days of receipt of this letter, unless you (the applicant) request additional time under Rule 62-4.055(1), F.A.C.

If you have any questions, please contact Deborah Moore at 850/595-8300, extension 1230 or Deborah.L.Moore@dep.state.fl.us.

Sincerely,

Rick Bradburn
Air Program Administrator

RB/dm/c

Enclosures
c: DEP Northwest District Branch Office, Panama City

Professional Engineer Certification

1. Professional Engineer Name:
   Registration Number:

2. Professional Engineer Mailing Address...
   Organization/Firm:
   Street Address:
   City: State: Zip Code:

3. Professional Engineer Telephone Numbers...
   Telephone: ( ) - ext. Fax: ( ) -

4. Professional Engineer Email Address:

5. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

(3) If the purpose of this application is to obtain a Title V air operation permit (check here ☐, if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.

(4) If the purpose of this application is to obtain an air construction permit (check here ☐, if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here ☐, if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here ☐, if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

_____ _____
Signature Date

(seal)

* Attach any exception to certification statement.