



North Carolina Department of Environment and Natural Resources
Division of Air Quality

Beverly Eaves Perdue
Governor

Sheila C. Holman
Director

Dee Freeman
Secretary

XXXXXX X, 2011

Mr. Steve Beckel
General Manager
PCS Phosphate Company, Inc. - Morehead City Port
1530 NC 306 South
Aurora, NC 27806

Subject: Air Permit No. 09673R02
PCS Phosphate Company, Inc. - Morehead City Port
Morehead City, Carteret County, North Carolina
Permit Class: Synthetic Minor
Facility ID# 1600145

Dear Mr. Beckel:

In accordance with your completed application received June 1, 2011, we are forwarding herewith Permit No. 09673R02 to PCS Phosphate Company, Inc. - Morehead City Port, Morehead City, Carteret County, North Carolina for the construction and operation of air emissions sources or air cleaning devices and appurtenances. Please note the records retention requirements are contained in General Condition 2 of the General Conditions and Limitations.

If any Parts, requirements, or limitations contained in this permit are unacceptable to you, you have the right to request a formal adjudicatory hearing within 30 days following receipt of this permit, identifying the specific issues to be contested. Such a request will stay the effectiveness of the entire permit. This hearing request must be in the form of a written petition, conforming to G.S. 150B-23 of the North Carolina General Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. The form for requesting a formal adjudicatory hearing may be obtained upon request from the Office of Administrative Hearings. Unless a request for a hearing is made pursuant to G.S. 150B-23, this air permit shall be final and binding.

You may request modification of your air permit through informal means pursuant to G.S. 150B-22. This request must be submitted in writing to the Director and must identify the specific provisions or issues for which the modification is sought. Please note that the permit will become

final and binding regardless of a request for informal modification unless a request for a hearing is also made under G.S. 150B-23.

Unless exempted by a condition of this permit or the regulations, construction of new air pollution sources or air cleaning devices, or modifications to the sources or air cleaning devices described in this permit must be covered under a permit issued by the Division of Air Quality prior to construction. Failure to do so is a violation of G.S. 143-215.108 and may subject the Permittee to civil or criminal penalties as described in G.S. 143-215.114A and 143-215.114B.

This permit shall be effective from XXXXXX X, 2011 until XXXXXX X, 2016, is nontransferable to future owners and operators, and shall be subject to the conditions and limitations as specified therein.

This permit revision is the result of a request for a permit renewal; the Permittee has also requested that this permit revert back to 9673R00, removing all the additional sources permitted in 9673R01. The Permittee is responsible for carefully reading the entire permit and evaluating the requirements of each permit stipulation. The Permittee shall comply with all terms, conditions, requirements, limitations and restrictions set forth in this permit. Noncompliance with any permit condition is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

Should you have any questions concerning this matter, please contact Mark Hedrick at (910) 796-7215.

Sincerely,

Brad Newland, P.E.
Regional Air Quality Supervisor

Enclosures

c: Wilmington Regional Office, DAQ file
WiRO Permit File Drawer

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF AIR QUALITY

AIR PERMIT NO. 09673R02

Issue Date: XXXXXX X, 2011

Effective Date: XXXXXX X, 2011

Expiration Date: XXXXXX X, 2016

Replaces Permit: 09673R01

To construct and operate air emission source(s) and/or air cleaning device(s), and for the discharge of the associated air contaminants into the atmosphere in accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina (NCGS) as amended, and other applicable Laws, Rules and Regulations,

PCS Phosphate Company, Inc. - Morehead City Port
113 Arendell Street
Morehead City, Carteret County, North Carolina
Fee Class: Synthetic Minor
Site Number: 08/16/00145

(the Permittee) is hereby authorized to construct and operate the air emissions sources and/or air cleaning devices and appurtenances described below:

Emission Source ID	Emission Source Description	Control System ID	Control System Description
ES-1	One bulk material (phosphate) storage warehouse (ID No. A-Frame) receiving bulk material (phosphate) by trucks, which dump into an internal stockpile. Bulk materials are then reclaimed from the stockpile by front-end loader and discharged into transport trucks. The truck/railcar load-out capacity from each warehouse is 3,000 tons per day each.	N/A	N/A
ES-2	Ship loading operations and transferring operations consisting of conveyor No. 7 and the ship loader with phosphate product(s)	N/A	N/A
ES-3	General bulk (phosphate) materials receiving, transferring, storage, and ship loading operations (operational limitation of 16,000 tons per day load-in and 64,800 tons per day load-out) consisting of the following sources:	N/A	N/A
ES-3a	13 enclosed conveyors (Conveyor Nos. 2-7, 11, 12, 13, 14, 15, 16, and 17)	N/A	N/A

Emission Source ID	Emission Source Description	Control System ID	Control System Description
ES-3b	A bulk storage facility consisting of the expanded A-Frame Building	N/A	N/A
ES-3c	Two enclosed existing transfer towers (Nos. 1 and 2), each with an associated unloading chute	N/A	N/A
ES-3d	a portal reclaimer with associated chutes and enclosures, and a rotary bucket and batch reclaiming operation consisting of two unloading chutes and three enclosures, all located inside the A-Frame Building and the expanded A-Frame Building	N/A	N/A
ES-3e	conveyor No. 7 tripper operations consisting of a chute and a partial enclosure	N/A	N/A
ES-3f	ship loading operations consisting of associated chutes and enclosures	N/A	N/A
ES-3g	an oil application system located at the Twin Dome Storage Facility for applying an oil dust suppressant to diammonium phosphate, granular triple superphosphate, and monoammonium phosphate	N/A	N/A
ES-3h	water spray bars/oil application bars and three unloading chutes installed on enclosed transfer tower No. 3	N/A	N/A
ES-3i	water spray bars installed on the rotary bucket reclaimer and conveyor No. 6	N/A	N/A
ES-3j	Transfer Tower No. 1	CD-3j	one bagfilter (ID No. TBH1, maximum air to filter ratio of 7.0 feet per minute)
ES-3k	one dock conveyor No. 2 and the screw reclaiming conveyor at the barge unloading area north of the Twin Dome Storage Facility	CD-3k	one bagfilter (ID No. BUB1, 600 square feet of filter area)
ES-3l	three (3) Transfer Towers Nos. 5, 6, and 8	CD-3l	three bagfilters (ID Nos. TBH5, TBH6, and TBH8 with maximum air to filter ratio of 7.0 feet per minute)
ES-3m	two conveyor transfer towers (ID Nos. TH7E and TH7W)	CD-3m	one bagfilter (2,030 square feet of filter area, ID No. TBH7)
ES-3n	one ship loader	CD-3n	one bagfilter (ID No. BH-SL, maximum air to filter ratio of 5.0 feet per minute)
ES-3o	one Transfer House No. 4	CD-3o	one bagfilter (ID No. TBH4, 1,200 square feet of filter area) and water spray bars

Emission Source ID	Emission Source Description	Control System ID	Control System Description
ES-3p	one Transfer House No. 9	CD-3p	one bagfilter (ID No. TBH9, 1,200 square feet of filter area)
ES-3q	two storage domes (30,000 tons storage capacity each)	CD-3q	two bagfilters (ID Nos. TBH9A and 9B, 1,200 square feet of filter area each)
ES-3r	one railcar unloading hopper (ID No. RD-1)	CD-3r	one bagfilter (2,870 square feet of filter area, ID No. RBH-1)

in accordance with the completed application 1600145.11B received June 1, 2011 including any plans, specifications, previous applications, and other supporting data, all of which are filed with the Department of Environment and Natural Resources, Division of Air Quality (DAQ) and are incorporated as part of this permit.

This permit is subject to the following specified conditions and limitations including any TESTING, REPORTING, OR MONITORING REQUIREMENTS:

A. SPECIFIC CONDITIONS AND LIMITATIONS

1. Any air emission sources or control devices authorized to construct and operate above must be operated and maintained in accordance with the provisions contained herein. The Permittee shall comply with applicable Environmental Management Commission Regulations, including Title 15A North Carolina Administrative Code (NCAC), Subchapter 2D .0202, 2D .0515, 2D .0521, 2D .0535, 2D .0540, 2D .1100, 2D .1806, and 2Q .0315.
2. EMISSION INVENTORY REQUIREMENT - At least 90 days prior to the expiration date of this permit, the Permittee shall submit the air pollution emission inventory report in accordance with 15A NCAC 2D .0202, pursuant to N.C. General Statute 143 215.65. The report shall be submitted to the Regional Supervisor, DAQ. The report shall document air pollutants emitted for the **2015** calendar year. The Regional Office will send information on how to submit the emissions inventory, along with a reminder to renew your permit, about six months prior to your permit expiration. If you do not receive this information, please contact the Regional Supervisor, DAQ.
3. PARTICULATE CONTROL REQUIREMENT - As required by 15A NCAC 2D .0515 "Particulates from Miscellaneous Industrial Processes," particulate matter emissions from the emission sources shall not exceed allowable emission rates. The allowable emission rates are, as defined in 15A NCAC 2D .0515, a function of the process weight rate and shall be determined by the following equation(s), where P is the process throughput rate in tons per hour (tons/hr) and E is the allowable emission rate in pounds per hour (lbs/hr).

$$E = 4.10 * (P)^{0.67} \quad \text{for } P \leq 30 \text{ tons/hr, or}$$

$$E = 55 * (P)^{0.11} - 40 \quad \text{for } P > 30 \text{ tons/hr.}$$

4. VISIBLE EMISSIONS CONTROL REQUIREMENT - As required by 15A NCAC 2D .0521 "Control of Visible Emissions," visible emissions from the emission sources, manufactured after July 1, 1971, shall not be more than 20 percent opacity when averaged over a six-minute period, except that six-minute periods averaging not more than 87 percent opacity may occur not more than once in any hour nor more than four times in any 24-hour period. However, sources which must comply with 15A NCAC 2D .0524 "New Source Performance Standards" or .1110 "National Emission Standards for Hazardous Air Pollutants", must comply with applicable visible emissions requirements contained therein.
5. NOTIFICATION REQUIREMENT - As required by 15A NCAC 2D .0535, the Permittee of a source of excess emissions that last for more than four hours and that results from a malfunction, a breakdown of process or control equipment or any other abnormal conditions, shall:
 - a. Notify the Director or his designee of any such occurrence by 9:00 a.m. Eastern time of the Division's next business day of becoming aware of the occurrence and describe:
 - i. the name and location of the facility,
 - ii. the nature and cause of the malfunction or breakdown,
 - iii. the time when the malfunction or breakdown is first observed,
 - iv. the expected duration, and
 - v. an estimated rate of emissions.
 - b. Notify the Director or his designee immediately when the corrective measures have been accomplished.

This reporting requirement does not allow the operation of the facility in excess of Environmental Management Commission Regulations.

6. FUGITIVE DUST CONTROL REQUIREMENT - As required by 15A NCAC 2D .0540 "Particulates from Fugitive Dust Emission Sources," the Permittee shall not cause or allow fugitive dust emissions to cause or contribute to substantive complaints or excess visible emissions beyond the property boundary. If substantive complaints or excessive fugitive dust emissions from the facility are observed beyond the property boundaries for six minutes in any one hour (using Reference Method 22 in 40 CFR, Appendix A), the owner or operator may be required to submit a fugitive dust plan as described in 2D .0540(f).

"Fugitive dust emissions" means Particulate matter from process operations that does not pass through a process stack or vent and that is generated within plant property boundaries from activities such as: unloading and loading areas, process areas stockpiles, stock pile working, plant parking lots, and plant roads (including access roads and haul roads).

7. Use of the equations contained in any Specific Condition does not relieve PCS Phosphate Company, Inc. - Morehead City Port of any violations which are caused by miscalculations

or use of inappropriate factors contained in those equations, regardless of whether the error was intentional or not.

8. **TOXIC AIR POLLUTANT EMISSIONS LIMITATION AND REPORTING**

REQUIREMENT - Pursuant to 15A NCAC 2D .1100 and in accordance with the approved application for an air toxic compliance demonstration, the following permit limits shall not be exceeded for import or export of any bulk material at the maximum allowed daily throughput limits of 16,000 tons per day or less for import and 64,800 tons per day or less for export. The limits expressed in the table below are the maximum allowed toxic pollutant content in the general bulk materials transferred.

Toxic Air Pollutant	Max. TAP content, (ppm)	Max. TAP content, (% wt.)	Toxic Air Pollutant	Max. TAP content, (ppm)	Max. TAP content, (% wt.)
ammonium chromate	8,307	0.83	chromium VI	6.9	0.0007
ammonium dichromate	8,307	0.83	cresol	136,919	13.69
arsenic	19.0	0.0019	hexachlorodibenzo p-dioxin	6.3	0.0006
benzidine and salts	1.2	0.0001	maleic anhydride	6,112	0.61
benzo (a) pyrene	2,726	0.27	manganese	415,374	41.54
beryllium	339	0.03	nickel	80,395	8.04
beryllium chloride	339	0.03	polychlorinated biphenyls	6,857	0.69
beryllium fluoride	339	0.03	potassium chromate	8,307	0.83
beryllium nitrate	339	0.03	potassium dichromate	8,307	0.83
bromine	3,178	0.32	-----	-----	-----
cadmium	454	0.05	sodium chromate	8,307	0.83
cadmium acetate	454	0.05	sodium dichromate	8,307	0.83
cadmium bromide	454	0.05	strontium chromate	6.9	0.0007
calcium chromate	6.9	0.0007	zinc chromate	6.9	0.0007

To ensure compliance with the above limits, the following restrictions shall apply:

- a. A material safety data sheet (MSDS) shall be required from the customer for all bulk materials to be received at the Port for import or export to demonstrate that the bulk

materials handled are in compliance with the above TAP content limits. Bulk materials that are proprietary and/or their contents are not fully disclosed on the MSDS shall be certified in writing by the manufacturer for TAP content.

- b. No friable asbestos is allowed to be handled in bulk materials processed by the Port.
- c. Phosphate materials with solid TAP concentrations that exceed the values presented in the table above may also be handled. However, the maximum daily import or export rates for the material shall be reduced proportionally to the increase in actual TAP content above the levels presented in the table above. The maximum import and export rates for bulk materials with particulate TAP contents above the limit values shown in the table above shall be calculated with the following equation.

$$MR_2, \text{ tons/day} = (MR_1) \times [1 - (C_A - C_L / C_L)]$$

Where: MR_1 = Initial maximum import or export rate, for import, see Permit Condition A.8 and for export, see Permit Condition A.9, tons per day.

MR_2 = Maximum import or export rate, as limited by TAP content, tons per day.

C_L = Concentration limit from table above.

C_A = Actual concentration in proposed material (same units as C_L)

For imported or exported bulk materials with a solid TAP concentration that exceeds the value presented in the table above, measurements and records shall be maintained for a two year period which documents compliance with the calculated MR_2 in tons per day. As a minimum, the following information shall be maintained:

- i. Date of material imported or exported,
- ii. Bulk material type with TAP identification and calculation of the MR_2 ,
- iii. Actual MR = (actual hours per day of material transfer) x Either:
 - = 16,000 ton/day using the Siwertell import from barge, or,
 - = 14,400 ton/day using the Railcar import station, or,
 - = (2,700 ton/hr using the Ship Loader for export) X (number of hours).
- iv. Actual record of bulk weight material transferred per day from shipping records.

9. BULK MATERIAL (PHOSPHATE) VEHICLE LOAD-OUT / RECORDKEEPING - In accordance with NAAQS and NC Air Toxics modeling, for export by truck or railcar from the A-Frame, the maximum load-out operational limit is 3,000 tons per day of any bulk material (phosphate) with a moisture content of 0.16 % or higher. The maximum truck/railcar daily load-out rate for bulk materials with moisture contents less than 0.16 % shall be calculated by the following equation:

$$MT = 3,000 \times (M/0.16)^{1.4}$$

Where: MT = Maximum truck or railcar load-out rate from each warehouses, ton/day.

M = Proposed bulk material moisture content, percent by weight.

For bulk materials loaded out with a moisture content less than 0.16 percent, measurements and records shall be maintained for a two year period which documents compliance with the calculated MT in tons per day. As a minimum, the following information shall be maintained:

- a. Date of material loaded out;
- b. Bulk material type;
- c. Calculation of actual MT which is the truck or railcar load out rate, tons/day; or
- d. Actual record of bulk weight material transferred per day from shipping records or truck scales, etc.

10. BULK MATERIAL HANDLING MAXIMUM BARGE UNLOADING RATE - In accordance with NAAQS and NC Air Toxics modeling, the maximum barge unloading rate is 16,000 tons per day of any bulk material with a moisture content of 0.16 percent or higher. The maximum barge unloading rate for materials with moisture contents less than 0.16 percent shall be calculated using the following equation:

$$MB = 16,000 \times (M/0.16)^{1.4}$$

Where: MB = Maximum barge unloading rate, tons per day.

M = Proposed bulk material moisture content, percent by weight.

For bulk materials unloaded by barge with a moisture content less than 0.16 percent, measurements and records shall be maintained for a two year period which documents compliance with the calculated MB in tons per day. As a minimum, the following information shall be maintained:

- a. Date of material unloaded by barge;
- b. Bulk material type;
- c. Calculation of actual MB which is the maximum barge unloading rate in tons/day; or
- d. Actual record of bulk weight material transferred per day from shipping records or truck scales, etc.

11. BULK MATERIAL HANDLING MAXIMUM RAILCAR UNLOADING RATE - In accordance with NAAQS and NC Air Toxics modeling, the maximum RAILCAR (only) unloading rate is 14,400 tons per day of any bulk material with a moisture content of 0.16 percent or higher. The maximum RAILCAR unloading rate for materials with moisture contents less than 0.16 percent shall be calculated using the following equation:

$$MRC = 14,400 \times (M/0.16)^{1.4}$$

Where: MRC = Maximum railcar unloading rate, tons per day.

M = Proposed bulk material moisture content, percent by weight.

For bulk materials unloaded by railcar with a moisture content less than 0.16 percent, measurements and records shall be maintained for a two year period which documents compliance with the calculated MRC in tons per day. As a minimum, the following information shall be maintained:

- a. Date of material unloaded by railcar;
- b. Bulk material type;
- c. Calculation of actual MRC (maximum railcar unloading rate) in tons/day; or
- d. Actual record of bulk weight material transferred per day from shipping records or truck scales, etc.

12. BULK MATERIAL HANDLING MAXIMUM TWIN DOMES EXPORT RATE - (export to ships by conveyors). In accordance with NAAQS and NC Air Toxics modeling, the maximum TWIN DOMES export rate is 15,600 tons per day of any bulk material with a moisture content of 0.50 percent or higher. The maximum TWIN DOMES export rate for materials with moisture contents less than 0.50 percent shall be calculated using the following equation:

$$MTD = 15,600 \times (M/0.50)^{1.4}$$

Where: MTD = Maximum TWIN DOMES export rate, tons per day.

M = Proposed bulk material moisture content, percent by weight.

For bulk materials exported out of the twin domes with a moisture content less than 0.50 percent, measurements and records shall be maintained for a two year period which documents compliance with the calculated MTD in tons per day. As a minimum, the following information shall be maintained:

- a. Date of material exported out of the Twin Domes;
- b. Bulk material type;
- c. Calculation of actual MTD (maximum Twin Domes export rate) in tons/day; or
- d. Actual record of bulk weight material transferred per day from shipping records or truck scales, etc.

13. BULK MATERIAL HANDLING MAXIMUM SHIP-LOADER EXPORT RATE - In accordance with NAAQS and NC Air Toxics modeling, the maximum SHIP-LOADER export rate is 64,800 tons per day of any bulk material with a moisture content of 0.50 percent or higher. The maximum SHIP-LOADER export rate for materials with a moisture content less than 0.50 percent shall be calculated using the following equation:

$$MSL = 64,800 \times (M/0.50)^{1.4}$$

Where: MSL = Maximum SHIP-LOADER export rate, tons per day.

M = Proposed bulk material moisture content, percent by weight.

For bulk materials exported by the Ship-Loader with a moisture content less than 0.50 percent, measurements and records shall be maintained for a two year period which documents compliance with the calculated MSL in tons per day. As a minimum, the following information shall be maintained:

- a. Date of material exported by the Ship-Loader;
- b. Bulk material type;
- c. Calculation of actual MSL (maximum Ship-Loader export rate) in tons/day; or
- d. Actual record of bulk weight material transferred per day from shipping records or truck scales, etc.

14. LIMITATION TO AVOID 15A NCAC 2Q .0501 - Pursuant to 15A NCAC 2Q .0315 "Synthetic Minor Facilities," to avoid the applicability of 15A NCAC 2Q .0501 Title V Permitting, as requested by the Permittee, facility-wide PM-10 actual emissions shall be less than 100 tons per consecutive 12 month period, individual hazardous air pollutants (HAPs) shall be less than 10 tons per year, and any combination of HAPs shall be less than 25 tons per year. To comply with this limit, the Permittee shall follow the requirements listed below:

- a. Fabric Filter Requirements - PM-10 emissions from the bulk handling transfer towers, dock conveyor No. 2 and screw reclaiming conveyor, ship loader, storage domes, barge unloading, and the railcar unloading hopper shall be controlled by fabric filters, as indicated in the control system description of the permitted equipment list.
 - i. Inspection/Maintenance and Recordkeeping Requirements
To comply with the provisions of this Permit and ensure that maximum control efficiency is maintained, the Permittee shall perform periodic inspections and maintenance as recommended by the manufacturer. Any variance from manufacturer's recommendations shall be investigated with corrections made and date of actions recorded in a logbook. An annual internal inspection shall be conducted on the fabric filters by the Permittee to ensure structural integrity such that optimum control efficiency is achieved. The results of this inspection, and any maintenance performed on the fabric filters, shall be recorded in a logbook which will be kept on-site and made available to the DAQ upon request.
- b. Operational Constraints - PM-10 and HAP emissions from all material transfer and storage operations are subject to the following conditions:
 - i. Chutes shall extend from all hoppers to a location within the receiving truck below the free board, and
 - ii. All trucks shall be covered during bulk material transport.
- c. For compliance purposes, the Permittee shall record daily the tons of each material transferred in the facility log book. In addition, the tons of each material transferred, and the calculation of facility-wide particulate (PM-10) actual emissions shall be totaled monthly.

- d. Within thirty (30) days after each calendar year, the Permittee shall report the monthly particulate (PM-10) actual emissions for the previous twelve (12) months and the total annual particulate (PM-10) actual emissions to the Regional Supervisor, Division of Air Quality.
 - e. Ductwork and Enclosure Requirements - On a monthly basis, all ductwork, exhaust hoods, and enclosures designed to abate dust at transfer or storage locations shall be inspected and if necessary repairs made to ensure a leak tight condition. A logbook shall be maintained by source indicating date of inspection, condition, and any repairs performed.
 - f. Bulk Material HAP Certification - A material safety data sheet (MSDS) shall be required from the customer for all bulk materials to be received at the Port for import or export to demonstrate that the bulk materials handled have a HAP content equal to or less than 56.6 percent by weight. Bulk materials that are proprietary and/or their contents are not fully disclosed on the MSDS shall be certified in writing by the manufacturer for HAP content. This documentation shall be made available to DAQ personnel upon request. Records shall be maintained for a two year period.
15. CONTROL AND PROHIBITION OF ODOROUS EMISSIONS - As required by 15A NCAC 2D .1806 "Control and Prohibition of Odorous Emissions" the Permittee shall not operate the facility without implementing management practices or installing and operating odor control equipment sufficient to prevent odorous emissions from the facility from causing or contributing to objectionable odors beyond the facility's boundary.
16. Phosphate materials shall not be stockpiled outside of the storage buildings.
17. Simultaneous unloading of MAP, DAP, and GTSP from the Siwertell (barge) and the RAILCAR station shall not exceed 16,000 ton/day.
18. The oil application system must be operated as needed to prevent visible emissions due to the conveying and loading of diammonium phosphate, monoammonium phosphate, and granular triple superphosphate. Dust suppressant must be applied to these materials before conveying at the port.
19. All openings on all storage buildings and transfer towers must remain closed while the phosphate material is being transferred.
20. All conveyor covers must be kept in place while the phosphate product is being transferred.
21. All skirts, chutes, and covers associated with any transfer points shall be inspected at least once per shift when the conveyors are in operation. Any required maintenance and replacement of parts shall be performed as soon as possible.
22. The barge unloading baghouse and the ship loader baghouse shall be operated when handling calcined phosphate rock, black phosphate rock, and partially acidulated reactive rock. The baghouses installed on Transfer Towers Nos. 5, 6, 7, and 9 shall be operated when calcined phosphate rock, black phosphate, and partially acidulated reactive rock are handled in these transfer towers.

23. PCS shall maintain a log which lists all operation and maintenance activities performed at the site which result in a direct improvement of air quality in the area. A copy of this log report shall be maintained on-site and made available to personnel of the DAQ upon request.

B. GENERAL CONDITIONS AND LIMITATIONS

1. TWO COPIES OF ALL DOCUMENTS, REPORTS, TEST DATA, MONITORING DATA, NOTIFICATIONS, REQUESTS FOR RENEWAL, AND ANY OTHER INFORMATION REQUIRED BY THIS PERMIT shall be submitted to the:

Regional Air Quality Supervisor
North Carolina Division of Air Quality
Wilmington Regional Office
127 Cardinal Drive Extension
Wilmington, NC 28405
(910) 796-7215

For identification purposes, each submittal should include the facility name as listed on the permit, the facility identification number, and the permit number.

2. RECORDS RETENTION REQUIREMENT - Any records required by the conditions of this permit shall be kept on site and made available to DAQ personnel for inspection upon request. These records shall be maintained in a form suitable and readily available for expeditious inspection and review. These records must be kept on site for a minimum of 2 years, unless another time period is otherwise specified.
3. ANNUAL FEE PAYMENT - Pursuant to 15A NCAC 2Q .0203(a), the Permittee shall pay the annual permit fee within 30 days of being billed by the DAQ. Failure to pay the fee in a timely manner will cause the DAQ to initiate action to revoke the permit.
4. EQUIPMENT RELOCATION - A new air permit shall be obtained by the Permittee prior to establishing, building, erecting, using, or operating the emission sources or air cleaning equipment at a site or location not specified in this permit.
5. REPORTING REQUIREMENT - Any of the following that would result in previously unpermitted, new, or increased emissions must be reported to the Regional Supervisor, DAQ:
 - a. changes in the information submitted in the application regarding facility emissions;
 - b. changes that modify equipment or processes of existing permitted facilities; or
 - c. changes in the quantity or quality of materials processed.

If appropriate, modifications to the permit may then be made by the DAQ to reflect any necessary changes in the permit conditions. In no case are any new or increased emissions allowed that will cause a violation of the emission limitations specified herein.

6. This permit is subject to revocation or modification by the DAQ upon a determination that information contained in the application or presented in the support thereof is incorrect, conditions under which this permit was granted have changed, or violations of conditions contained in this permit have occurred. The facility shall be properly operated and maintained at all times in a manner that will effect an overall reduction in air pollution. Unless otherwise specified by this permit, no emission source may be operated without the concurrent operation of its associated air cleaning device(s) and appurtenances.
7. This permit is nontransferable by the Permittee. Future owners and operators must obtain a new air permit from the DAQ.
8. This issuance of this permit in no way absolves the Permittee of liability for any potential civil penalties which may be assessed for violations of State law which have occurred prior to the effective date of this permit.
9. This permit does not relieve the Permittee of the responsibility of complying with all applicable requirements of any Federal, State, or Local water quality or land quality control authority.
10. Reports on the operation and maintenance of the facility shall be submitted by the Permittee to the Regional Supervisor, DAQ at such intervals and in such form and detail as may be required by the DAQ. Information required in such reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and preventive maintenance schedules.
11. A violation of any term or condition of this permit shall subject the Permittee to enforcement pursuant to G.S. 143-215.114A, 143-215.114B, and 143-215.114C, including assessment of civil and/or criminal penalties.
12. Pursuant to North Carolina General Statute 143-215.3(a)(2), no person shall refuse entry or access to any authorized representative of the DAQ who requests entry or access for purposes of inspection, and who presents appropriate credentials, nor shall any person obstruct, hamper, or interfere with any such representative while in the process of carrying out his official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
13. The Permittee must comply with any applicable Federal, State, or Local requirements governing the handling, disposal, or incineration of hazardous, solid, or medical wastes, including the Resource Conservation and Recovery Act (RCRA) administered by the Division of Waste Management.
14. PERMIT RETENTION REQUIREMENT - The Permittee shall retain a current copy of the air permit at the site. The Permittee must make available to personnel of the DAQ, upon request, the current copy of the air permit for the site.

15. CLEAN AIR ACT SECTION 112(r) REQUIREMENTS - Pursuant to 40 CFR Part 68 "Accidental Release Prevention Requirements: Risk Management Programs Under the Clean Air Act, Section 112(r)," if the Permittee is required to develop and register a risk management plan pursuant to Section 112(r) of the Federal Clean Air Act, then the Permittee is required to register this plan in accordance with 40 CFR Part 68.
16. PREVENTION OF ACCIDENTAL RELEASES - GENERAL DUTY - Pursuant to Title I Part A Section 112(r)(1) of the Clean Air Act "Hazardous Air Pollutants - Prevention of Accidental Releases - Purpose and General Duty," although a risk management plan may not be required, if the Permittee produces, processes, handles, or stores any amount of a listed hazardous substance, the Permittee has a general duty to take such steps as are necessary to prevent the accidental release of such substance and to minimize the consequences of any release. **This condition is federally-enforceable only.**
17. GENERAL EMISSIONS TESTING AND REPORTING REQUIREMENTS - If emissions testing is required by this permit, or the DAQ, or if the Permittee submits emissions testing to the DAQ in support of a permit application or to demonstrate compliance, the Permittee shall perform such testing in accordance with 15A NCAC 2D .2600 and follow all DAQ procedures including protocol approval, regional notification, report submittal, and test results approval.

Permit issued this the Xth of XXXXXX, 2011.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

Brad Newland, P.E.
Regional Air Quality Supervisor
By Authority of the Environmental Management Commission

Air Permit No. 09673R02