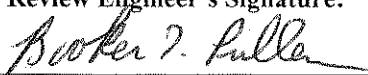


NORTH CAROLINA DIVISION OF AIR QUALITY			Region: Wilmington Regional Office
Air Permit Review -Renewal			County: Onslow
Permit Issue Date: XXXX, 2007			NC Facility ID: 6700011
			Inspector's Name: Ashby Armistead
			Date of Last Inspection: 09/17/2007
			Compliance Code: C/In Compliance With Procedural Reqr
Facility Data			Permit Applicability (this application only)
Applicant (Facility's Name): Camp Lejeune Marine Corp Base			SIP: 15A NCAC 2Q .0513
Facility Address: Camp Lejeune Marine Corp Base 1 Camp Lejeune, NC 28542			NSPS: N/A
SIC: 9711 / National Security			NESHAP: Remove Boiler MACT, Subpart DDDDD
NAICS: 92811 / National Security			PSD: N/A
Facility Classification: Before: Title V After: Title V			PSD Avoidance: N/A
Fee Classification: Before: Title V After: Title V			NC Toxics: N/A
Contact Data			112(r): N/A
			Other: N/A
Facility Contact			Application Data
Authorized Contact			Application Numbers: 6700011.06B 6700011.07C
Technical Contact			Date Received: 06/01/2006 and 09/20/2007
Erin M. Atkins Environmental Management Division Phone: (910) 451-9641 Fax: (910) 451-5997 DSN: 751 Email: erin.atkins@usmc.mil	John Townson Director - Environmental Management (910) 451-5063 P O Box 20004 Camp Lejeune NC, 28542+0004	John Townson Director - Environmental Management (910) 451-5063 P O Box 20004 Camp Lejeune NC, 28542+0004	Application Type: Renewal consolidated with administrative amendment
			Application Schedule: TV-Renewal
			Existing Permit Data
			Existing Permit Number: 06591/T17
			Existing Permit Issue Date: 07/06/2007
			Existing Permit Expiration Date: 02/29/2012
Review Engineer: Booker Pullen Regional Engineer: Dean Carroll		Comments / Recommendations:	
Review Engineer's Signature: 		Issue 06591/T18	
Begin Date: June 2007		Permit Issue Date: XXXX, 2007	
		Permit Expiration Date: XXXX, 2012	

I. Introduction:

The Camp Lejeune Marine Corps Base is located in Camp Lejeune, North Carolina, Onslow County. Application No. 6700011.06B was received by the Division of Air Quality (DAQ) on June 1, 2006 and was considered complete on that date. This application (6700011.06B) will be processed as a renewal (without a modification) of the existing Title V Permit which has been consolidated with an administrative amendment to remove the Boiler MACT, Subpart DDDDD requirements. This permit process includes a 30-day public notice period and a 45-day EPA review period prior to being signed and issued.

Marine Corps Base Camp Lejeune (MCB Camp Lejeune) is home to the "Expeditionary Forces in Readiness". This Base was created in 1941. It is currently the home of six major Marine Corps commands and one Navy command.

- II Marine Expeditionary Force (II MEF), conducts operational planning for Fleet Marine Force commands;
- 2nd Marine Division, ground combat element of II MEF;
- 2nd Marine Logistics Group, the combat service support element of II MEF;
- 2nd Marine Air Wing, aircraft, helicopters, refueling and transport aircraft;
- II MEF Augmentation Command Element, augment, reinforce, or reconstitute active component headquarters/MAGTFs;
- Marine Corps Installation (MCI) East; and
- Naval Hospital, provides primary care to Marines, sailors, and their families.

II. Purpose of Applications:

- A. Remove Boiler MACT, Subpart DDDDD language from the existing permit for boilers (ID Nos. C-CG-650-83B, C-CG-650-84B, and B-BB-9-53B) due to the vacatur of the regulation by the DC court of Appeals on July 30, 2007.
- B. Streamline monitoring, recordkeeping, and reporting requirements for consistency and due to wide margin of compliance for these sources.
 - 1. The applicant requested revision to the monitoring requirements to change the frequency of monitoring from weekly to monthly in the following woodworking shops. This change will be made in the revised permit.
 - A-HP-1202-02 (Woodworking equipment in the Carpentry Shop located at Hadnot Point)
 - A-HP-1202-04 (Woodworking equipment in the carpentry Shop located at Hadnot Point)
 - C-AS-827-01 (Woodworking equipment in the Air Station New River Carpentry Shop)
 - A-HP-915-06 (Woodworking equipment in Building 915 Carpentry Shop)
 - A-HP-1249-04 (Woodworking equipment in Building 1249 Carpentry Shop)
 - 2. The applicant requested revision to the monitoring requirements to change the frequency of monitoring from quarterly to semi-annual for PSD Avoidance Conditions. This change will be made in the revised permit in accordance with the latest DAQ policy for these conditions.
 - A-FC-445-01 (emergency generator) located in the Miscellaneous Areas
 - A-FC-443-02 (emergency generator) located in the Miscellaneous Areas
 - A-FC-442-03 (emergency generator) located in the Miscellaneous Areas
 - A-HP-45-01 (emergency generator) located in the Miscellaneous Areas
- C. Remove the Peak shaving generator A-HP-45-02 from the permit because it was never constructed.
- D. Change the NSPS reporting from quarterly to semi-annually per current DAQ policy, for the following sources:
 - Boiler (ID No. A-HP-1700-05), located at the Main Steam Plant, "Main Steam Plant Section of Permit", Condition B.3.e.
 - Boiler ID No. (C-CG-650-85), located at Camp Geiger, "Camp Geiger Section of Permit", Condition B.3.e.
 - Boiler ID No. (B-BB-9-55), located at Courthouse Bay, "Courthouse Bay Section of Permit", Condition A.3.e.
 - Boilers (ID Nos. C-AS-4151-16, 17A, and 18), located at the Air Station, "Air Station Section of Permit, Condition A.3.e.
- E. Eliminate references to 40 CFR Part 60, Subpart Kb requirements for the following tanks:
 On October 15, 2003, the EPA promulgated the final rule amendments that exempts storage tanks that were previously subject only to recordkeeping requirements under this rule. The tanks in the following table are no longer subject to the recordkeeping requirements or any other provision under this NSPS standard because they are utilized to store petroleum liquids that have a maximum true vapor pressure of less than 0.5 pounds per square inch (3.5 kilopascals). These tanks are currently listed on the insignificant activities list.

Table 1: Tanks no longer subject to NSPS Subpart Kb requirements

ID Number	Description	Liquid stored	Capacity (gallons)	Operation date
A-HP-961-03	Aboveground, vertical, fixed roof storage tank	Diesel fuel	15,000	1991
AHP-961-05	Aboveground, horizontal storage tank	Diesel fuel	15,000	1991
A-HP-961-06	Aboveground, horizontal storage tank	Diesel fuel	15,000	1991
A-HP-961-07	Aboveground, horizontal storage tank	Diesel fuel	15,000	1991
A-HP-961-09	Aboveground, vertical, fixed-roof storage tank	JP-8 fuel	90,000	1994
C-AS-146-01	Aboveground, vertical, fixed-roof storage tank	JP-5 fuel	215,000	1987
C-AS-146-02	Aboveground, vertical, fixed- roof storage tank	JP-5 fuel	215,000	1987
C-AS-146-03	Aboveground, vertical, fixed-roof storage tank	JP-5 fuel	215,000	1987
C-AS-146-04	Aboveground, vertical, fixed-roof storage tank	JP-5 fuel	215,000	1987
AS-507-N	Underground storage tank	JP-5 fuel	30,000	1995

-Table continued on the next page-

E. (Continued)

Table 1: Tanks no longer subject to NSPS Subpart Kb requirements

ID Number	Description	Liquid stored	Capacity (gallons)	Operation date
AS-508-1-N	Underground storage tank	JP-5 fuel	30,000	1995
FC-200-1	Underground storage tank	Diesel fuel	20,000	1985
FC-200-2	Underground storage tank	Diesel fuel	20,000	1985
FC-200-4	Underground storage tank	Diesel fuel	20,000	1985
A-HP-1701-01	Aboveground, vertical, fixed roof storage tank	No. 2 fuel oil	373,083	1992
1854-2-N	Underground storage tank	Diesel fuel	30,000	1995
1854-3-N	Underground storage tank	Diesel fuel	30,000	1995
575-1	Underground storage tank	Diesel fuel	20,000	1986
A-MP-230-01	Aboveground, vertical, fixed-roof storage tank	No. 2 fuel oil		Post 1989
NH-100/101	Underground storage tank	No. 2 fuel oil	20,000	1984
2615/S-2637-1	Underground storage tank	No. 2 fuel oil	15,000	Post 1989
2615/S-2637-2	Underground storage tank	No. 2 fuel oil	15,000	Post 1989
B-BB-9-01	Aboveground, horizontal storage tank	No. 2 fuel oil	30,000	Post 1989
B-BB-9-02	Aboveground, horizontal storage tank	No. 2 fuel oil	30,000	Post 1989
B-BB-9-03	Aboveground, horizontal storage tank	No. 2 fuel oil	30,000	Post 1989
C-RR-15-01	Aboveground, vertical, fixed roof storage tank	No. 2 fuel oil	30,000	Post 1989
C-RR-15-02	Aboveground, vertical, fixed roof storage tank	No. 2 fuel oil	30,000	Post 1989

F. Storage tank identification number changes:

MCB Camp Lejeune is requesting that the DAQ change the tank identification numbers in the Air permit to reflect the new tank conventions currently used at the military Base. This new naming convention will standardize the tank nomenclature across the various environmental media at the Base. The following table is a cross reference guide between the existing identification number and the proposed identifier.

Existing tank identification number	New tank identification No. as referenced in SPPC
Y-A-1-01A	A-1-01A
A-47-5	A-47-01A
Y-AS-110-01A	AS-110-01A
Y-AS-110-02A	AS-110-02A
Y-AS-122-01A	AS-122-01A
AS-143	AS-143-01A
C-AS-146-01	AS-146-01A
C-AS-146-02	AS-146-02A
C-AS-146-03	AS-146-03A
C-AS-146-04	AS-146-04A
C-AS-146-05	AS-146-05A
Y-AS-212-01A	AS-212-01A
Y-AS-2800-01A	AS-2800-01A
Y-AS-2800-02A	AS-2800-02A
Y-AS-2818-01A	AS-2820-01A
Y-AS-3504-01A	AS-3504-01A
AS-410-1-N	AS-410-01U
AS-410-2-N	AS-410-02U
AS-410-3-N	AS-410-03U
Y-AS-410	AS-410-04A
AS-4135-1	AS-4135-01A
AS-4135-2	AS-4135-02A

F. Storage tank identification number changes: (Continued)

Existing tank identification number	New tank identification No. as referenced in SPCC
AS-4146-1-N	AS-4146-01U
AS-4146-2-N	AS-4146-02U
Y-AS-4151-01A	AS-4151-01A
Y-AS-4151-02A	AS-4151-02A
Y-AS-4159-02A	AS-4159-02A
Y-AS-4159-03A	AS-4159-03A
AS-507-N	AS-498-01U
AS-508-1-N	AS-498-02U
AS-511-1	AS-512-01U
AS-511-2	AS-512-02U
Y-AS-701-01A	AS-701-01A
AS-705-N	AS-705-01U
Y-AS-710-01A	AS-710-01A
Y-AS-804-01A	AS-804-01A
Y-AS-840-01A	AS-840-01A
Y-AS-843-01A	AS-841-01A
Y-A-1-02A	A-SA30-02A
Y-A-SA52-05A	A-SA52-01A
Y-A-SA52-02A	A-SA52-02A
Y-A-SA52-03A	A-SA52-03A
Y-A-SA52-04A	A-SA52-04A
SEE SPCC A-47-01A	A-SA77-01A
Y-AS-TC1500-01A	AS-TC1500-01A
Y-BA-130-01A	BA-134-01A
Y-BB-101-01A	BB-102-01A
BB-177-1-N	BB-177-01U
BB-177-2-N	BB-177-02U
BB-177-3-N	BB-177-03U
Y-BB-246-01A	BB-246-01A
BB-49-01A	BB-49-01A
BB-B-9-01	BB-9-01A
B-BB-9-02	BB-9-02A
B-BB-9-03	BB-9-03A
Y-BB-246-02A	BB-SBB179-01A
Y-BM-5400-01A	BM-5400-01A
Y-CG-650-01A	CG-SG650-01A
Y-CG-650-02A	CG-SG650-02A
Y-CG-FUEL-01A	CG-TC365-01A
Y-CG-FUEL-02A	CG-TC365-02A
Y-CG-FUEL-03A	CG-TC365-03A
Y-CG-FUEL-04A	CG-TC365-04A
Y-CG-608-01A	CG-TC608-01A
Y-CG-771-01A	CG-TC771-01A
Y-CG-773-03A	CG-TC773-03A
Y-CG-774-01A	CG-TC774-01A
Y-CG-775-01A	CG-TC775-01A
FC-100-5	FC-100-03A
FC-100-6	FC-100-04A
Y-FC-120-01A	FC-12-01A
FC-200-4	FC-195-01U
FC-200-3	FC-195-02U

F. Storage tank identification number changes: (Continued)

Existing tank identification number	New tank identification No. as referenced in SPCC
FC-200-2	FC-195-03U
FC-200-1	FC-195-04U
FC-230-1	FC-230-01U
FC-230-2	FC-230-02U
Y-FC-241-01A	FC-241-01A
Y-FC-241-02A	FC-241-02A
Y-FC-241-07A	FC-241-05A
FC-255-1	FC-255-01U
Y-FC-263-02A	FC-263-01A
Y-FC-263-04A	FC-263-03A
FC-270-3	FC-270-01U
FC-270-4	FC-270-02U
Y-FC-280-01A	FC-280-01A
Y-FC-280-03A	FC-280-03A
FC-298-1	FC-298-01U
FC-298-2	FC-298-02U
FC-298-3	FC-298-03U
Y-FC-40-01A	FC-40-01A
Y-FC-442-01A	FC-FC442-01A
Y-FC-443-03A	FC-FC443-03A
Y-FC-445-01A	FC-FC445-01A
Y-HP-1101-01A	HP-1101-01A
1232-1	HP-1232-01U
1232-2	HP-1232-02U
1232-3	HP-1232-03U
1232-4	HP-1232-04U
1232-5	HP-1232-05U
1323-1	HP-1323-01U
1323-2	HP-1323-02U
1450-1-N	HP-1450-05U
1450-2-N	HP-1450-06U
1450-3-N	HP-1450-07U
1450-4-N	HP-1450-08U
Y-HP-1613-01A	HP-1613-01A
Y-HP-1613-02A	HP-1613-02A
Y-HP-1613-03A	HP-1613-03A
Y-HP-1700-01A	HP-1700-01A
Y-HP-1765-01A	HP-1765-01A
1775-1-N	HP-1775-07U
1775-2-N	HP-1775-08U
1829-1	HP-1829-01U
1829-2	HP-1829-02U
1854-2-N	HP-1854-02U
1854-3-N	HP-1854-03U
1854-5-N	HP-1854-05U
1854-6-N	HP-1854-06U
1880-1-N	HP-1880-01U
1880-2-N	HP-1880-02U
31/S-715-N	HP-30-01U
575-1	HP-575-02U
575-3	HP-575-03U

F. Storage tank identification number changes: (Continued)

Existing tank identification number	New tank identification No. as referenced in SPCC
Y-HP-590-01A	HP-590-01A
Y-HP-961-01A	HP-961-01A
Y-HP-961-02A	HP-961-02A
A-HP-961-03	HP-961-03A
A-HP-961-07	HP-961-04A
A-HP-961-05	HP-961-05A
A-HP-961-06	HP-961-06A
Y-HP-989-01A	HP-989-01A
Y-HP-H1-02A	HP-H1-02A
HP-100-1	HP-HP100-04U
HP-100-2	HP-HP100-05U
HP-237-1	HP-HP237-05
HP-237-3	HP-HP237-06U
HP-250-1	HP-HP250-01U
Y-HP-1735-01A	HP-S1735-01A
A-HP-1701-01	HP-S1735-02A
Y-HP-S971-01A	HP-S971-01A
A-HP-961-09	HP-S972-01A
A-HP-961-10	HP-S973-01A
LCH-4034-1	LCH-4034-01A
LCH-4034-2	LCH-4034-02A
LCH-4034-3	LCH-4034-03A
Y-MP-119-01A	M-119-01A
A-MP-230-01	M-230-01A
Y-MP-230-02A	M-230-02A
Y-MP-255-01A	M-255-01A
Y-MP-625-01A	M-625-01A
Y-MP-625-02A	M-625-02A
Y-MP-90-01A	M-90-01A
Y-MP-90-02A	M-90-02A
M-119/SM-193-N	M-90-03U
NH-100-1 (ES-146)	NH-100-02A
NH-100-2 (ES-147)	NH-100-03A
NH-100-3 (ES-148)	NH-100-04A
Y-NH-118-01A	NH-118-01A
Y-NH-118-02A	NH-118-02A
Y-HP-670-01A	PG-670-01A
Y-HP-STP446-01A	PG-STP-446-01A
Y-HP-STP446-02A	PG-STP-446-02A
Y-HP-TP457-01A	PG-TP457-01A
1932/S-1920-N	PP-1932-02U
Y-PP-1943-01A	PP-1943-01A
A-BM-820-2	PP-820-01U
A-BM-820-3	PP-820-02U
A-BM-820-4	PP-820-03U
A-BM-820-1	PP-820-04U
Y-BM-825-01A	PP-825-01A
PP-2615 (ES-149)	PP-S2615-02U

F. Storage tank identification number changes: (Continued)

Existing tank identification number	New tank identification No. as referenced in SPCC
Y-PP-S47A-02A	PP-S47A-01A
ES-150	RR-15-01A
ES-151	RR-15-02A
Y-RR-15-03A	RR-15-03A
Y-RR-15-04A	RR-15-04A
Y-RR-15-05A	RR-15-05A
Y-MG-1650-02A	SH-1650-01A
Y-TT-2457-01A	TT-2457-01A
Y-TT-2463-01A	TT-2463-01A
Y-TT-2473-01A	TT-2473-01A
TT-2478-1	TT-2478-01U
TT-2478-2	TT-2478-02U
TT-2478-3	TT-2478-03U
TT-2478-4	TT-2478-04U
Y-TT-60-01A	TT-60-01A
TT-49/STT-69-N	TT-69-01U (TT-49-1)
Y-VL-TLM103-01U	VL-TFM103-01U)
AS-3625	AS-3625-01U
Y-BB-102-02A	Y-BB-102-02A

G. Remove the following tanks from the insignificant activities list because these tanks have been removed from the military installation.

- Y-HP-S973-01A
- Y-HP-683-01A
- Y-FC-120-05A
- Y-HP-1700-06A
- Y-AS-4151-03A
- Y-AS-4151-05A
- Y-CG-632-01A
- Y-AS-703-01A
- Y-HP-961-04A
- Y-NH-121-01U
- NH-120
- Y-PP-1915-01A
- Y-TT-48-01A
- Y-TT-56-01A

H. Many squadrons have paint booths on the Title V Permit to include MACT Subpart GG language. There are several squadrons or operations that are also subject to Subpart GG and are in compliance with the rule, however they are not specifically listed on the Title V Permit. In order to clarify this requirement, MCB Camp Lejeune is requesting the following emission source identification numbers be added to the permit.

- C-MAG26-FUGITIVE, C-MAG29-FUGITIVE, C-VERTEX-FUGITIVE, C-VERTEXC12-FUGITIVE, C-NAVAIR-FUGITIVE

These emissions sources will include all fugitive painting operations subject to Subpart GG requirements.

- C-MAG26-HANDWIPE, C-MAG29-HANDWIPE, C-VERTEX-HANDWIPE, C-VERTEXC12-HANDWIPE, C-NAVAIR-HANDWIPE

These emissions source descriptions will include all hand wipe solvent cleaning activities subject to Subpart GG requirements.

- C-MAG26-FLUSH, C-MAG29-FLUSH, C-VERTEX-FLUSH, C-VERTEXC12-FLUSH, C-NAVAIR-FLUSH

These emission sources will encompass all flush cleaning activities subject to Subpart GG requirements. These fugitive sources will be added to the permit as separate sources.

- I. Modification of monitoring for the visible emissions limits of dry filter paint spray booths. The Air Permit currently allows some paint spray booths to show compliance with 15A NCAC 2D .0521 through pressure drop readings while others show compliance through observation of the stacks for "normal" visible emissions.

When the pressure drop readings were placed into the permit, they were only supposed to be for those booths that had to comply with the Aerospace MACT [40 CFR Part 63, §63. 745 (g)(2)(v) and §63. 746 (b)(4)(iii)], which allows the pressure drop reading for particulate monitoring from the stacks of booths used to rework and paint air crafts.

The affected booths are as follows:

- A-HP-908-01 (paint spray booth, equipped with high-volume, low-pressure applicator guns, Building 908, Hadnot Point), Miscellaneous Area, Condition A.2.c
- A-HP-1041-01 (paint spray booth), Miscellaneous Area, Condition A.2.c
- C-AS-116-01 (dry filter-type paint spray booth in auto hobby paint shop, located in Building AS-116, New River), Miscellaneous Area, Condition A.2.c.
- A-HP-1249-03 (paint spray booth located in the auto hobby shop, located in Building 1249) Miscellaneous Area, Condition A.2.c.

The pressure drop readings will not be included for visible emissions for the booths listed above.

- C-AS-3905-01, C-AS-3905-02, and C-AS-3905-03 (Three panel-type paint spray booths located in Building AS-3905, MACT – Subpart GG), New River {These booths have now been demolished since the original request was submitted}

The pressure drop readings will be placed in the permit for these three paint booths because they are subject to the Aerospace MACT, Subpart GG that allows pressure drop over the filters for particulate control.

Note: The request in item "I" was withdrawn on November 5, 2008.

- J. The applicant has requested that the permit be reorganized by equipment type instead of by the Base location (ie. Naval Hospital, Main Steam Plant , Air Station, etc) as listed in the current permit. This change will be made in the permit.
- K. On August 20, 2003, the US Environmental Protection Agency published National Emissions Standards for HAPs for Site Remediation (40 CFR Part 63, Subpart GGGGG).

The following sights have been identified as being subject to this regulation.

- C-AS-139-01 (Campbell Street Fuel Farm at MCAS, New River, Ex-situ Pump-and-Treat) *
- A-HP-645-03 (Bio Sparge Soil Vapor Extraction System)
- A-HP-900-01 (Bio Sparge Soil Vapor Extraction System) *
- B-BB-190-05 (Bio Sparge Soil Vapor Extraction System) *
- A-TT-2463-73 (Bio Sparge Soil Vapor Extraction System) *
- A-HP-1068-01 (Hadnot Point fuel Farm Southeast System, Bio Sparge Soil vapor Extraction)
- A-LCH 4015-04 (Bio Sparge Soil vapor Extraction)
- C-AS-4141-01 (JP-5 Line Area at MCAS, New River, Aggressive Fluid Vapor Recovery)
- C-AS-497-01 (JP-5 Rapid Aircraft Refueler at MCAS, New River Aggressive Fluid Vapor Recovery)
- A-HP-45-05 (Air Sparge Vapor Extraction System) *
- C-AS-4158-04 (Air Sparge Vapor Extraction System) *
- A-HP-1111-01 (Hadnot Point fuel Farm Northwest System, Air Sparge Vapor Extraction System)

* Systems are currently inactive

- L. Add one outboard gasoline engine test stand (C-AS-2820-01), located at Building No. AS-2820 to the insignificant activities list.

- M. MCB Camp Lejeune has had some previously submitted modifications for the construction of two boilers (ID Nos. C-CG-650-83B and 84B) located at Camp Geiger and one new generator at the Commissary. These applications were processed in the "two step" procedure that requires the facility re-submit these sources within one year of operation for public notice and EPA review in order to make the terms and conditions federally enforceable.
- N. Streamline permit to remove temporary boilers and old boiler that have been replaced.
 - Remove boilers C-CG-650-83 and 84 (these have been replaced by new boilers C-CG-650-83B and 84B)
 - Remove "temporary boilers" C-CG-650-T01 and T02
 - Remove "temporary boiler" B-BB-9-53
 - Remove boilers C-RR-15-46 and 47 (these have been replaced by new boilers C-RR-15-46B and 47B)

III. Facility Description:

The United States Marine Corps Base at Camp Lejeune is currently considered one Title V facility. Historically, the Base has been divided into three sections. Each section is called a zone. The zones were established for air toxics modeling purposes with the boundaries along the natural water ways (public access) that run through and around the Base. These zones are referred to as A, B, C.

IV. Changes to the existing Title V Permit No. 06591T17 per application No. 6700011.06B:

Old Page	New Page	Description	Change
Page 1	Page 1	Cover Letter	Changed date, revised permit number, changed application processing method to "renewal", added cover letter with revised language
Page 2	Page 2	Cover Letter	Changed date, changed revision number, changed effective date of permit, changed expiration date of permit, removed **** notation and note
Insignificant Activities List			
Page 16 of 16	Page 13 of 13	Table	Added one outboard gasoline engine test stand, located at Building No. AS-2820 to the insignificant activities list Added the following boilers to the list of insignificant activities: One boiler (No. 2 fuel oil, A-BM-825-12) One boiler (No. 2 fuel oil, A-HP-40-75) One boiler (No. 2 fuel oil, A-HP-40-76) One boiler (No. 2 fuel oil, A-LCH-4014-17) One boiler (No. 2 fuel oil, A-MP-230-38) One boiler (No. 2 fuel oil, A-MP-230-39) One boiler (No. 2 fuel oil, A-MP-230-40) One boiler (No. 2 fuel oil, C-AS-705-11) One boiler (No. 2 fuel oil, A-TT-60-78) One boiler (No. 2 fuel oil, A-TT-60-79) One boiler (No. 2 fuel oil, B-A-A1-50) One boiler (No. 2 fuel oil, B-A-A47-51)
N/A	Pages 6 of 13	Table	Added the following parts cleaners DEGR-ZONE-A, DEGR-ZONE-B and DEGR-ZONE-C to replace all of the non-aqueous parts cleaners
Page 17	Page 14	Changes to Permit Table	Revised the permit revision and listed changes to the permit per application no. 6700011.06B
Body Of Permit			
Page 1	Page 1	Cover page	Revised permit number, revised "replaces permit" number, changed application number, changed effective date and expiration date, removed ** note, revised complete application date, changed issue date of permit
Entire Permit	Entire Permit	Entire Permit	The applicant requested that the Air Permit be arranged by types of sources (ie. boilers, paint spray booths) versus by locations at the Base (ie. Main Steam Plant, Camp Geiger)

-Table continue on the next page-

IV. Changes to the existing Title V Permit No. 06591T17 per application No. 6700011.06B: (Continued)

Old Page	New Page	Description	Change
Body of Permit			
Page 3	Page 3	Permitted Emissions Source Table	Remove boilers C-CG-650-83 ***and C-CG-650-84*** from the table, removed the table footnote ***. These boilers have been replaced.
Page 4	Page 4	Permitted Emissions Source Table	Removed boilers C-CG-650-T01 & T02, B-BB-9-53, C-RR-15-46 & 47 from the table. These boilers have been replaced.
Page 5	Page 5	Permitted Emissions Source Table	Removed diesel-fired emergency generator A-HP-45-02 from table
Page 6	Page 6	Permitted Emissions Source Table	Removed the following boilers from this table and placed them on the insignificant activities list: One boiler (No. 2 fuel oil, A-BM-825-12) One boiler (No. 2 fuel oil, A-BM-825-13) One boiler (No. 2 fuel oil, A-BM-5400-80) One boiler (No. 2 fuel oil, A-BM-5400-81) One boiler (No. 2 fuel oil, A-HP-40-75)
Page 7	N/A	Permitted Emissions Source Table	Removed the following boilers from this table and placed them on the insignificant activities list: One boiler (No. 2 fuel oil, A-HP-40-76) One boiler (No. 2 fuel oil, A-LCH-4014-17) One boiler (No. 2 fuel oil, A-MP-230-38) One boiler (No. 2 fuel oil, A-MP-230-39) One boiler (No. 2 fuel oil, A-MP-230-40) One boiler (No. 2 fuel oil, C-AS-705-11) One boiler (No. 2 fuel oil, A-TT-60-78) One boiler (No. 2 fuel oil, A-TT-60-79) One boiler (No. 2 fuel oil, B-A-A1-50) One boiler (No. 2 fuel oil, B-A-A47-51)
N/A	Pages 11-13	Specific Limitations and Conditions	Added Compliance Assurance Monitoring to the four coal – fired boilers
Page 12	Page 14	Specific Limitations and Conditions	Changed reporting frequency from quarterly to semi-annul for Main Steam Plant, Condition B.3.e.
Page 14	N/A	Specific Limitations and Conditions	Removed Boiler MACT requirements from source description and table of required regulations
Page 15	N/A	Specific Limitations and Conditions	Changed reporting frequency from quarterly to semi-annul for Camp Geiger, Condition A.2.e.
Page 16 - 18	N/A	Specific Limitations and Conditions	Removed Boiler MACT regulations from Air Permit
Page 20	N/A	Specific Limitations and Conditions	Changed reporting frequency from quarterly to semi-annul for Camp Geiger, Condition B.3.e.
Pages 20-23	N/A	Specific Limitations and Conditions	Removed “temporary boilers” C-CG-650-T01 and T02 from the permit
Page 25	N/A	Specific Limitations and Conditions	Removed “temporary boiler” B-BB-9-53 from the permit
Page 26	N/A	Specific Limitations and Conditions	Removed Boiler MACT requirements from source description and table of required regulations for boiler B-BB-9-53B
Pages 29-30	N/A	Specific Limitations and Conditions	Removed Boiler MACT requirements from source description in table and regulatory language from the permit for boiler B-BB-9-53B

-Table continue on the next page-

IV. Changes to the existing Title V Permit No. 06591T17 per application No. 6700011.06B: (Continued)

Old Page	New Page	Description	Change
Body of Permit			
Page 30-31	N/A	Specific Limitations and Conditions	Removed boilers C-RR-15-46 and 47 from the permit, 15A NCAC 2D .0516 (sulfur dioxide emission limit)
Page 35	Page 35	Specific Limitations and Conditions	Changed reporting frequency from quarterly to semi-annual for Air Station, Condition A.3.e.
Page 48	N/A	Specific Limitations and Conditions	Removed peak shaver/emergency generator (A-HP-45-02) from the permit per application request in 6700011.06B
Page 49	Page 35	Specific Limitations and Conditions	Reporting frequency changed from quarterly to semiannual for peak shaver/emergency generator A-HP-45-01.
Page 49	Page 32	Specific Limitations and Conditions	Reporting frequency changed from quarterly to semiannual for emergency generators A-FC-445-01, A-FC-443-02, and A-FC-442-03
Page 62	N/A	Specific Limitations and Conditions	Removed "small miscellaneous boilers" with less than 10 million Btu heat input from the permit and put them on the insignificant activities list
Page 65	N/A	Specific Limitations and Conditions	Removed the pressure drop reading for paint spray booth A-FC-280-10.
Pages 104-113	N/A	Part II Section	Remove the Part II Section from the permit
N/A	Pages 79-88	General Conditions	Added revised General Conditions

V. **Statement of Compliance:**

The DAQ has reviewed the compliance status of this facility. On its latest inspection, performed on 09/25/2008, by Mr. Ashby Armistead, of the Wilmington Regional Office, the facility appeared to be in compliance with all applicable requirements. The applicant has certified that the facility will be in compliance with all applicable requirements at the time of permit effective date and will continue to comply with these requirements.

VI. **Summary of the emissions sources for which this renewal is being issued. These sources have been re-arranged in the permit by source type per the request of MCB Camp Lejeune.**

Emission Source	Source Description	Control Device	Control Device Description
Boilers			
A-HP-1700-01	Coal /contraband/prohibited goods/retired flags/No. 2 fuel oil-fired boiler (114.5 million Btu per hour heat input capacity), located at Building HP-1700, Main Steam Plant ¹	CD-01a.1 CD-01a.2	Two multi-cyclones (ninety-two 4.25 inch diameter tubes each multi-cyclone) installed the exhausts of boilers (A-HP-1700-01 and A-HP-1700-02) in series with:
A-HP-1700-02	Coal /contraband/prohibited goods/retired flags/No. 2 fuel oil-fired boiler (114.5 million Btu per hour heat input capacity), located at Building HP-1700, Main Steam Plant ¹	CD-01b	One single-stage, dry type electrostatic precipitator (36,540 square feet of plate area)
A-HP-1700-03	Coal /contraband/prohibited goods/retired flags/No. 2 fuel oil-fired boiler (114.5 million Btu per hour heat input capacity), located at Building HP-1700, Main Steam Plant ¹	CD-01a.1 CD-01a.2	Two multi-cyclones (ninety-two 4.25 inch diameter tubes each multi-cyclone) installed the exhausts of boilers (A-HP-1700-03 and A-HP-1700-04) in series with:
A-HP-1700-04	Coal /contraband/prohibited goods/retired flags/No. 2 fuel oil-fired boiler (114.5 million Btu per hour heat input capacity), located at Building HP-1700, Main Steam Plant ¹	CD-01b	One single-stage, dry type electrostatic precipitator (36,540 square feet of plate area)

-Table continued on the next page-

Emission Source	Source Description	Control Device	Control Device Description
Boilers			
A-HP-1700-05 NSPS	No. 2 fuel oil/natural gas-fired boiler (95 million Btu per hour maximum heat input capacity), located at the Main Steam Plant	CD-06	One flue gas recirculation system
C-CG-650-83B C-CG-650-84B NSPS, Subpart Dc	Two No. 2 fuel oil/natural gas-fired, "water tube design" replacement boilers (50.0 million Btu per hour heat input capacity each), located at Camp Geiger	None	None
C-CG-650-85 NSPS, Subpart Dc	No. 2 fuel oil/natural gas-fired boiler (30.6 million Btu heat input capacity when firing No. 2 fuel oil and 31.6 when firing natural gas), located at Camp Geiger	None	None
B-BB-9-53B NSPS, Subpart Dc	One No. 2 fuel oil-fired, "water tube design" replacement boiler (26.0 million Btu per hour heat input capacity), located at the Court House Bay Area	None	None
B-BB-9-54	One No. 2 fuel oil-fired boiler (25.1 million Btu per hour heat input capacity), located at the Court House Bay Area	None	None
C-RR-15-46B C-RR-15-47B NSPS, Subpart Dc	Two No. 2 fuel oil-fired replacement boilers (10.5 million Btu per hour heat input capacity each), Building RR-15, located at the Rifle Range	None	None
A-MP-625-72 A-MP-625-73 A-MP-625-74	Three No. 2 fuel oil/natural gas-fired boilers (29.94 million Btu per hour heat input capacity each), Building M-625, located at Montford Point	None	None
C-AS-4151-16 C-AS-4151-17A C-AS-4151-18 NSPS	Three No. 2 fuel oil/JP-5/JP-8/natural gas -fired boilers (48.0 million Btu per hour heat input capacity each), located at the Air Station	None	None
A-PP-2615-09 A-PP-2615-10	Two No. 2 fuel oil/natural gas-fired boilers (16.5 and 17.5 million Btu per hour heat input capacity respectively), Building PP-2651, located at Paradise Point	None	None
A-NH-100-01 A-NH-100-02	Two No. 2 fuel oil/natural gas-fired boilers (14.645 million Btu heat input capacity each), located at the Naval Hospital	None	None
Fuel Storage			
A-HP-961-10	One above ground vertical fixed roof gasoline storage tank equipped with an internal floating roof (60,000 gallon capacity)	None	None
Emergency Generators			
A-HP-1700-13	No. 2 fuel-oil fired emergency generator (540 hp capacity), located at the Main Steam Plant	None	None
A-NH-100-10B A-NH-100-11B A-NH-100-12B MACT, Subpart ZZZZ	Three diesel-fired emergency generators (1495 brake horsepower each), located at the Naval Hospital	None	None

-Table continued on the next page-

Emission Source	Source Description	Control Device	Control Device Description
Emergency Generators (Continued)			
A-FC-445-01 A-FC-443-02	Two diesel-fired emergency generators (750 kW each) located at the French Creek Area wastewater treatment plant	None	None
A-FC-442-03	Diesel-fired emergency generator (910 kW) located at the French Creek Area wastewater treatment plant	None	None
A-HP-590-01	Diesel-fired emergency generator (850 hp capacity)	None	None
C-RR-3-01	Diesel-fired emergency generator (900 hp capacity)	None	None
A-HP-9-01	Diesel-fired emergency generator (540 hp capacity)	None	None
A-FC-540-01 MACT, Subpart <i>ZZZZ</i>	Diesel-fired emergency generator (1,500 kW)	None	None
A-HP-411-01 MACT, Subpart <i>ZZZZ</i>	Diesel-fired emergency generator (500 kW)	None	None
B-BB-9-04 MACT, Subpart <i>ZZZZ</i>	Diesel-fired emergency generator (500 kW)	None	None
C-AS-110-06 MACT, Subpart <i>ZZZZ</i>	One diesel-fired emergency generator (400 kW)	None	None
A-HP-1230-02 MACT, Subpart <i>ZZZZ</i>	One diesel-fired emergency generator (1000 kW, 1341.02 brake horsepower)	None	None
A-HP-54-02 MACT, Subpart <i>ZZZZ</i>	Diesel-fired emergency generator (500 kW, 671 brake horsepower)	None	None
A-MP-455-01B MACT, Subpart <i>ZZZZ</i> NSPS, Subpart III	Diesel-fired emergency generator (1250 kW, 1676.28 brake horsepower)	None	None
A-MP-455-02B MACT, Subpart <i>ZZZZ</i> NSPS, Subpart III	Diesel-fired emergency generator (400 kW, 536.41 brake horsepower)	None	None
Peak shaving/emergency generator			
A-HP-45-01 MACT	Diesel-fired peak shaving/emergency generator (1600 kW), located at Building 45	None	None
Engine test stations/test stands			
A-FC-280-11	Internal combustion engine test station, located in the Field Maintenance Complex	None	None
A-FC-280-12	Internal combustion engine test station, located in the Field Maintenance Complex	None	None
A-FC-280-13	Internal combustion engine test station, located in the Field Maintenance Complex	None	None
A-FC-280-14	Internal combustion engine test station, located in the Field Maintenance Complex	None	None
C-AS-531-01	Jet engine test station	None	None
B-A-72-03	Outboard gasoline engine test stand	None	None
B-BA-134-02	Outboard gasoline engine test stand	None	None
A-HP-1409-02	Internal combustion engine test station	None	None

Emission Source	Source Description	Control Device	Control Device Description
Paint spray booths			
A- HP-1202-78	One water wash paint spray booth, located at the base maintenance shop, Building 1202, Hadnot Point	None	None
A-HP-908-01	One paint spray booth, equipped with high-volume, low-pressure applicator guns, located in Building 908, Hadnot Point	None	None
C-AS-4146-05	One paint spray booth located in Building AS-4146, New River	None	None
C-AS-4106-01 MACT, Subpart GG	One paint spray booth in general painting operations located in Building AS-4106, New River	CD-8	One 3-stage HEPA filter
C-AS-116-01	One dry filter type paint spray booth in auto hobby shop paint shop, located in Building AS-116, New River	None	None
C-AS-4135-01	One water wash-type paint spray booth in a metal parts coating operation located in Building AS-4135, New River	None	None
C-AS-3900-01 C-AS-3900-02 C-AS-3900-03 MACT, Subpart GG	One paint hangar (part of corrosion control facility) one corrosion control paint booth (part or corrosion control facility), and one grinding booth (part of corrosion control facility)	CD-13	One cartridge-type filter (7,080 square feet of filter surface area) installed on grinding booth
A-HP-1249-03	One paint spray booth in the auto hobby shop, located in Building 1249, formerly ES1 from Building 1113	None	None
A-HP-1041-01	One dry filter type paint spray booth,	None	None
A-FC-286-12	Dry filter type paint spray booths, located in the Field Maintenance Complex	None	None
A-FC-286-13	Dry filter type paint spray booths, located in the Field Maintenance Complex	None	None
C-AS-518-12 MACT, Subpart GG	One dry filter paint spray booth, located in Building AS-518	None	None
A-FC-280-10	One dry filter type paint spray booth, located in the Field Maintenance Complex	None	None
A-FC-286-20	One dry filter type paint booth, located in the Field Maintenance Complex	None	None
Woodworking			
A-HP-915-06	One woodworking operation	CD-15	One simple cyclone (30 inches in diameter)
A-HP-1202-02 A-HP-1202-04	Woodworking equipment in the carpentry shop, located in Building 1202, Hadnot Point	CD-03 CD-04	Two simple cyclones (36 inches in diameter each)
C-AS-827-01	Woodworking operation located in Building AS-827, New River	CD-05	One simple cyclone (30 inches in diameter)
A-HP-1249-04	Woodworking operation in the hobby shop complex	CD-16	One cartridge-type filter system (2880 square feet of surface area)

Emission Source	Source Description	Control Device	Control Device Description
Blasting operations			
A-FC-286-11	One silica, aluminum oxide, plastic bead, blasting operation, located in the Field Maintenance Complex	CD-08	One cartridge-type filter (28,800 square feet of surface area)
A-FC-286-21	One abrasive blasting booth, located in the Field Maintenance Complex	CD-17	One cartridge-type filter (28,800 square feet of surface area)
Landfills			
A-HP-982-01 NSPS	Two municipal solid waste landfills {(ID No. A-HP-982-01) active @ 668,525 Mega gram (Mg) capacity}	None	None
A-FC-FC18-01	and {(ID No. A-FC-FC18-01), closed @ 884,982 ton capacity}}		
Miscellaneous			
A-HP-1068-01 *	Hadnot Point fuel Farm Southeast System, Bio Sparge Soil vapor Extraction)	CD-14	One propane/natural gas-fired catalytic oxidizer (0.7 million Btu/hr heat input)
C-AS-139-01 *	Campbell Street Fuel Farm at MCAS, New River, Ex-situ Pump-and-Treat	None	None
A-HP-645-03 *	Bio Sparge Soil Vapor Extraction System	None	None
A-HP-900-01 *	Bio Sparge Soil Vapor Extraction System	None	None
B-BB-190-05 *	Bio Sparge Soil Vapor Extraction System	None	None
A-LCH 4015-04 *	Bio Sparge Soil vapor Extraction	None	None
A-TT-2463-73 *	Bio Sparge Soil Vapor Extraction System	None	None
C-AS-4141-01 *	JP-5 Line Area at MCAS, New River, Aggressive Fluid Vapor Recovery	None	None
C-AS-497-01 *	JP-5 Rapid Aircraft Refueler at MCAS, New River Aggressive Fluid Vapor Recovery	None	None
A-HP-45-05 *	Air Sparge Vapor Extraction System	None	None
C-AS-4158-04 *	Air Sparge Vapor Extraction System	None	None
A-HP-1111-01 *	Hadnot Point fuel Farm Northwest System, Air Sparge Vapor Extraction System	None	None
C-AS-3625-05	Fire training pit	None	None
A-HP-TP-446-01	Fire training pit	None	None

* Subject to 40 CFR Part 63, subpart GGGGG "Remediation Systems"

VII. Emission Source-by-Source Evaluation – Applicable Regulations

- A. Four coal/contraband/ prohibited goods/retired flags/No. 2 fuel oil-fired boilers {114.5 million Btu per hour heat input capacity each, ID Nos. A-HP-1700-01, A-HP-1700-02, A-HP-1700-03, and A-HP-1700-04} with four associated multi-cyclones (ninety-two 4.25 inch tubes each multi-cyclone) installed in series and two single-stage electrostatic precipitators (36,540 square feet of plate area each, ID Nos. CD-01 and CD-02). Two of the multicyclones in series with ESP (ID No. CD-01) are installed on the exhausts of boilers (ID Nos. A-HP-1700-01 and A-HP-1700-02) and two of the multicyclones in series with ESP (ID No. CD-02) are installed on the exhaust of boilers (ID Nos. A-HP-1700-03, and A-HP-1700-04). These boilers are located at the Main Steam Plant.
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0521: Visible Emissions
 4. 15A NCAC 2D .0614: Compliance Assurance Monitoring (CAM)

No regulatory review is required for the regulations listed above except for 15A NCAC 2D .0614 (CAM) since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007.

CAM **does apply** because the PM-10 emissions from these boilers, when firing coal, are greater than 100 tons per year before control. The applicant has selected opacity using a continuous opacity monitoring system (COMs) as the performance indicator.

15A NCAC 2D .0614: COMPLIANCE ASSURANCE MONITORING (CAM) for Particulate

1. Per 40 CFR 64 and 15A NCAC 2D .0614, the Permittee shall comply with the following.

2. Background

a. Emission Units

- i. Description: Four coal/contraband/prohibited goods/retired flags/No. 2 fuel oil-fired boilers (114.5 million Btu per hour heat input each).
- ii. Identification: ID Nos. A-HP-1700-01, 02, 03, and 04

b. Applicable Regulation, Emission Limit, and Monitoring Requirements.

- i. Regulations: 15A NCAC 2D .0503 and 2D .0521
- ii. Emission limits: 0.20 pounds particulate per million Btu heat input and 40% opacity
- iii. Control Technology: Two multi-cyclones (CD-01a.1 and CD-01a.2) installed on the exhausts of boilers (A-HP-1700-01 and 02), in series with one electrostatic precipitator (CD-01b) and two multi-cyclones (CD-01a.1 and CD-01a.2) installed on the exhausts of boilers (A-HP-1700-03 and 04) in series with one electrostatic precipitator (CD-01b).

3. **Monitoring Approach.** The key elements of the monitoring approach for particulate matter, including parameters to be monitored, parameter ranges and performance criteria are presented in the following table:

I. Indicator	Opacity
Measurement Approach	Continuous opacity monitoring system (COMs) in the ESP exhaust. The COMs provides an "instrumental measurement of opacity caused by attenuation of projected light due to absorption and scatter of the light by particulate matter in the effluent gas stream."
Monitoring Frequency	Continuous
Justification	Although these units are not subject to NSPS, 40 CFR 60, Subpart Db requires affected facilities to operate COMs for compliance with the particulate standard.
II. Indicator Range	COMs opacity readings of 20% or less (6-minute average) will ensure compliance with the particulate emission limit. A 3-hour average will be used to demonstrate compliance to prevent momentary process changes from causing an excursion. An excursion is defined as an opacity average greater than 20%. Excursions trigger an inspection, corrective action, and a reporting requirement.
III. Performance Criteria	
A. Data Representativeness	The COMs have been installed in locations that meet the specification of 40 CFR Part 60, Appendix B, Performance Specification No. 1 (PS-1) or approved by the EPA.
B. Verification of Operational Status	The results of the initial COMs performance evaluation conducted per PS-1
C. QA/QC Practices	Install and evaluate the COMs per PS-1. Check the zero and span drift daily and perform quarterly filter audit.
D. Monitoring Frequency, Data Collection, and Averaging Periods	Monitor the opacity of the ESP exhaust continuously (every 10 seconds). The data acquisition system (DAS) will retain all 6-minute and hourly average opacity data. The 10-second readings will be used to calculate 6-minute averages, and the 6-minute averages will be used to determine the 3-hour block average.

-Table continued on the next page-

IV. Recordkeeping and Reporting	Semiannual reports include: Investigative and corrective action report, Date, time, and duration of excursion, Cause of an corrective actions to eliminate excursion, and Measures taken to prevent re-occurrence.
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4. **Justification**

Background. The pollutant-specific emission units are the four coal/contraband/ prohibited goods/retired flags/No. 2 fuel oil-fired boilers {114.5 million Btu per hour heat input capacity each, ID Nos. A-HP-1700-01, A-HP-1700-02, A-HP-1700-03, and A-HP-1700-04} with four associated multi-cyclones (ninety-two 4.25 inch tubes each multi-cyclone) installed in series and two single-stage electrostatic precipitators (36,540 square feet of plate area each, ID Nos. CD-01 and CD-02). Two of the multicyclones in series with ESP (ID No. CD-01) are installed on the exhausts of boilers (ID Nos. A-HP-1700-01 and A-HP-1700-02) and two of the multicyclones in series with ESP (ID No. CD-02) are installed on the exhaust of boilers (ID Nos. A-HP-1700-03, and A-HP-1700-04).

a. These boilers are used to produce steam. Particulate matter from the exhaust of each boiler is controlled by two multicyclones and one ESP.

b. **Rationale for Selection of Performance Indicators/Indicator Ranges.**

The applicant has selected opacity using a continuous opacity monitoring system (COMs) as the performance indicator because, as the opacity of the ESP exhaust increases, it can be reasonably assumed that PM emissions increase. This assumption is supported by the fact that the New Source Performance Standards (NSPS) presented at 40 CFR 60, Subpart Db, require solid fuel fired boilers to install and maintain a COMS to demonstrate compliance with the particulate limits in the regulation. The purpose of CAM is to establish monitoring that provides a reasonable assurance of compliance with the underlying emission standard and to prompt the operator to take corrective action when monitoring parameters are outside of the range in the permit. MCBCL will take corrective action when the opacity exceeds 20 percent (6-minute averages over a 3-hour period). The applicable opacity standard for the affected units are 40%; this corrective action level will ensure that compliance with the underlying standards is maintained. Limited data available indicate that the boilers routinely achieve less than 10% opacity, making the corrective action level of 20% appropriate for this application. The preamble to the CAM rule states that there is no requirement to correlate indicators over the whole range of emissions and that the use of historical data is appropriate for developing indicator ranges.

5. **Reporting** [15A NCAC 2Q .0508(f)]

The Permittee shall submit a summary report of all monitoring activities postmarked on or before January 30 of each calendar year for the preceding six-month period between July and December and July 30 of each calendar year for the preceding six-month period between January and June. All instances of deviations for the requirements of this permit must be clearly identified.

B. One No. 2 fuel oil/natural gas-fired boiler (95.0 million Btu per hour maximum heat input capacity, ID No. A-HP-1700-05, NSPS) with associated flue gas re-circulation system located at the Main Steam Plant.

1. 15A NCAC 2D .0503: Particulate Emissions
2. 15A NCAC 2D .0524: Sulfur Dioxide Emissions
3. 15A NCAC 2D .0524: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. The reporting frequency for sulfur dioxide emissions will be changed from quarterly to semi-annual per current DAQ policy. Compliance Assurance Monitoring (CAM) does not apply because the source does not include a control device.

- C. Two No. 2 fuel oil/natural gas-fired boilers (50 million But per hour heat input capacity each, ID Nos. C-CG-650-83B and 84B, NSPS located at Camp Geiger.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0524: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0524: Visible Emissions
 4. 15A NCAC 2D .0317 of 2D .0530: PSD Avoidance Condition for Sulfur Dioxide

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. The reporting frequency for sulfur dioxide emissions will be changed from quarterly to semi-annual per current DAQ policy. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

- D. One No. 2 fuel oil/natural gas-fired boiler (30.6 million But per hour heat input capacity when firing No. 2 fuel oil and 31.6 when firing natural gas, ID No. C-CG-650-85, NSPS), located at Camp Geiger.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0524: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0524: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. The reporting frequency for sulfur dioxide emissions will be changed from quarterly to semi-annual per current DAQ policy. Compliance Assurance Monitoring (CAM) does not apply because the source does not include a control device.

- E. One No. 2 fuel oil-fired, water tube design" replacement boiler (26.0 million But per hour heat input capacity, ID No. B-BB-9-53B), located in the Court House Bay Area.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0521: Visible Emissions
 3. 15A NCAC 2D .0524: Sulfur Dioxide Emissions
 4. 15A NCAC 2D .0317 of 2D .0530: PSD Avoidance Condition for Sulfur Dioxide

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. Compliance Assurance Monitoring (CAM) does not apply because the source does not include a control device.

- F. One No. 2 fuel oil-fired boiler (25.1 million But per hour heat input capacity, ID No. B-BB-9-54), located in the Court House Bay Area.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0521: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. Compliance Assurance Monitoring (CAM) does not apply because the source does not include a control device.

- G. Two No. 2 fuel oil-fired replacement boilers (10.5 million But per hour heat input capacity each, ID Nos. C-RR-15-46B and 47B), located at the Rifle Range.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0524: Sulfur Dioxide Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

- H. Three No. 2 fuel oil-fired boilers (29.94 million But per hour heat input capacity each, ID Nos. A-MP-625-72, 73, and 74), located at Montford Point.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0521: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

- I. Three No. 2 fuel oil/JP-5/JP-8/natural gas-fired boilers (48.0 million But per hour heat input capacity each, ID Nos. C-AS-4151-16, 17A, and 18, NSPS), located at the Air Station.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0524: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0524: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. The reporting frequency for sulfur dioxide emissions will be changed from quarterly to semi-annual per current DAQ policy. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

- J. Two No. 2 fuel oil/natural gas-fired boilers (16.5 and 17.5 million But per hour heat input capacity respectively, ID Nos. A-PP-2615-09 and 10), located at Paradise Point.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
 3. 15A NCAC 2D .0521: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

- K. Two No. 2 fuel oil/natural gas-fired boilers (14.645 million But per hour heat input capacity, ID Nos. A-NH-100-01 and 02), located in the Naval Hospital.**
1. 15A NCAC 2D .0503: Particulate Emissions
 2. 15A NCAC 2D .0521: Visible Emissions
 3. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
 4. 15A NCAC 2D .0317 of 2D .0530: PSD Avoidance Condition for Sulfur Dioxide

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. The Boiler MACT was vacated by the DC Court of Appeals on July 30, 2007. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

- L. One above ground, vertical fixed roof gasoline storage tank equipped with an internal floating roof (60,000 gallon capacity)**
1. 15A NCAC 2D .0925: Petroleum Liquid Storage in Fixed Roof Tanks
 2. 15A NCAC 2D .0926: Bulk Gasoline Plants

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the source does not include a control device.

M. Emergency Generators

ID Number	Source Description	Size of Generator
A-FC-445-01	One diesel-fired emergency generator	750 kW maximum output each
A-FC-443-02	One diesel-fired emergency generator	750 kW maximum output each
A-FC-442-03	One diesel-fired emergency generator	910 kW maximum output
A-FC-540-01 MACT, Subpart ZZZZ	One diesel-fired emergency generator	1500 kW maximum output, each
A-HP-9-01	One Diesel-fired emergency generator	540 hp capacity
A-HP-54-02 MACT, Subpart ZZZZ	One diesel-fired emergency generator	500 kW maximum output, 671 brake horsepower
A-HP-411-01 MACT, Subpart ZZZZ	One diesel-fired emergency generator	500 kW maximum output
A-HP-590-01	One diesel-fired emergency generator	850 hp maximum output
A-HP-1230-02 MACT, Subpart ZZZZ	One diesel-fired emergency generator	1000 kW maximum output, 1341.02 brake horsepower
A-HP-1700	One No. 2 fuel oil-fired emergency generator	540 hp capacity
A-MP-455-01B, NSPS MACT, Subpart ZZZZ	One diesel-fired emergency generator	1250 kW maximum output, 1676.28 brake horsepower
A-MP-455-02B, NSPS MACT, Subpart ZZZZ	One diesel-fired emergency generator	400 kW maximum output, 536.41 brake horsepower
A-NH-100-10B	One diesel-fired emergency generator	1495 brake horse power
A-NH-100-11B	One diesel-fired emergency generator	1495 brake horse power
A-NH-100-12B	One diesel-fired emergency generator	1495 brake horse power
B-BB-9-04 MACT, Subpart ZZZZ	One diesel-fired emergency generator	500 kW maximum output
C-AS-110-06 MACT, Subpart ZZZZ	One diesel-fired emergency generator	400 kW maximum output
C-RR-3-01	One diesel-fired emergency generator	900 hp maximum output

1. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
2. 15A NCAC 2D .0521: Visible Emissions
3. 15A NCAC 2D .0524: New Source Performance Standards, Subpart IIII
4. 15A NCAC 2D .0317 of 2D .0530: PSD Avoidance Condition for Nitrogen Dioxide (for A-FC-445-01, A-FC-442-03, & A-FC-443-02)}
5. 15A NCAC 2D .1111 Maximum Achievable Control Technology, Subpart ZZZZ

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

N. Peak Shaving Unit

ID Number	Source Description	Size of Generator
A-HP-45-01 MACT	Two diesel-fired peak shaving/ generators	1600 kW maximum output, each

1. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
2. 15A NCAC 2D .0521: Visible Emissions
3. 15A NCAC 2D .0317 of 2D .0530: PSD Avoidance Condition for Nitrogen Dioxide

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the source does not include a control device.

O. Engine Test Stations/Test Stands

ID Number	Source Description
A-FC-280-11	Internal combustion engine test station, located in the Field Maintenance Complex
A-FC-280-12	Internal combustion engine test station, located in the Field Maintenance Complex
A-FC-280-13	Internal combustion engine test station, located in the Field Maintenance Complex
A-FC-280-14	Internal combustion engine test station, located in the Field Maintenance Complex
C-AS-531-01	Jet engine test station
B-A-72-03	Outboard gasoline engine test stand
B-BA-134-02	Outboard gasoline engine test stand
A-HP-1409-02	Internal combustion engine test station

1. 15A NCAC 2D .0516: Sulfur Dioxide Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

P. Paint Spray Booths

ID Number	Description	Location
A- HP-1202-78	One water wash paint spray booth, located at the	Base maintenance shop, Building 1202, Hadnot Point
A-HP-908-01	One paint spray booth, equipped with high-volume, low-pressure applicator guns,	Building 908, Hadnot Point
C-AS-4146-05	One paint spray booth	Building AS-4146, New River
C-AS-4106-01 MACT, Subpart GG	One paint spray booth in general painting operations	Building AS-4106, New River
C-AS-116-01	One dry filter type paint spray booth in auto hobby shop paint shop	Building AS-116, New River
C-AS-4135-01	One water wash-type paint spray booth in a metal parts coating operation	Building AS-4135, New River
C-AS-3900-01 C-AS-3900-02 C-AS-3900-03 MACT, Subpart GG	One paint hangar (part of corrosion control facility) one corrosion control paint booth (part or corrosion control facility), and one grinding booth (part of corrosion control facility)	
A-HP-1249-03	One paint spray booth in the auto hobby shop	Building 1249, formerly ES1 from Building 1113
A-HP-1041-01	One dry filter type paint spray booth,	
A-FC-286-12	Dry filter type paint spray booths	Field Maintenance Complex
A-FC-286-13	Dry filter type paint spray booths	Field Maintenance Complex
C-AS-518-12 MACT, Subpart GG	One dry filter paint spray booth	Building AS-518
A-FC-280-10	One dry filter type paint spray booth,	Field Maintenance Complex
A-FC-286-20	One dry filter type paint booth	Field Maintenance Complex

1. 15A NCAC 2D .0515: Particulates From Miscellaneous Processes
2. 15A NCAC 2D .0521: Visible Emissions
3. 15A NCAC 2D .958: Work Practice Standards For Sources Of Volatile Organic Compounds
4. 15A NCAC 2D .1111: National Emissions Standards For Aerospace Manufacturing And Rework Facilities, Subpart GG

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

Q. Woodworking

ID Number	Description	Control Device
A-HP-915-06	One woodworking operation	One simple cyclone (30 inches in diameter, CD-15)
A-HP-1202-02	Woodworking equipment in the carpentry shop, located in Building 1202, Hadnot Point	Simple cyclone (36 inches in diameter each, CD-03)
A-HP-1202-04	Woodworking equipment in the carpentry shop, located in Building 1202, Hadnot Point	Simple cyclone (36 inches in diameter, CD-04)
C-AS-827-01	Woodworking operation located in Building AS-827, New River	One simple cyclone (30 inches in diameter, CD-05)
A-HP-915-06	One woodworking operation	One simple cyclone (20 inches in diameter)
A-HP-1249-04	Woodworking operation in the hobby shop complex	One cartridge-type filter system (2880 square feet of surface area, CD-16)

1. 15A NCAC 2D .0515: Particulates From Miscellaneous Processes
2. 15A NCAC 2D .0521: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

R. Blasting Operations

ID Number	Description	Control Device
A-FC-286-11	One silica, aluminum oxide, plastic bead, blasting operation, located in the Field Maintenance Complex	One cartridge-type filter (28,800 square feet of surface area, CD-08)
A-FC-286-21	One abrasive blasting booth, located in the Field Maintenance Complex	One cartridge-type filter (28,800 square feet of surface area, CD-17)

1. 15A NCAC 2D .0515: Particulates From Miscellaneous Processes
2. 15A NCAC 2D .0521: Visible Emissions

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the sources do not include a control device.

S. Landfills

Two Municipal Solid Waste Landfills (HP-982-01, active) and (A-FC-FC18-01, closed)

1. 15A NCAC 2D .0524: New Source Performance Standards, Subpart WWWW
2. 15A NCAC 2D .1100: Toxic Air Pollutants

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply because the source does not include a control device.

T. Miscellaneous/Site Remediation Systems

ID Number	Description	Control Device
A-HP-1068-01	One air sparge/soil vapor extraction unit	One propane/natural gas-fired catalytic oxidizer (0.7 million Btu/hr heat input, CD-14)

1. 15A NCAC 2D .0516: Sulfur Dioxide Emissions
2. 15A NCAC 2D .1100: Toxic Air Pollutants

No regulatory review is required for the regulations listed above since there are no changes to these sources for this renewal application. Compliance Assurance Monitoring (CAM) does not apply to this remediation unit because the volatile organic hazardous air pollutant are covered by a MACT regulation that was proposed after November 15, 1990.

The following remediation units will be listed in the permit as being subject to the MACT, Subpart GGGGG "Site Remediation" and regulation language added. These sources are not new.

- C-AS-139-01 (Campbell Street Fuel Farm at MCAS, New River, Ex-situ Pump-and-Treat) *
- A-HP-645-03 (Bio Sparge Soil Vapor Extraction System)
- A-HP-900-01 (Bio Sparge Soil Vapor Extraction System) *
- B-BB-190-05 (Bio Sparge Soil Vapor Extraction System) *
- A-TT-2463-73 (Bio Sparge Soil Vapor Extraction System) *
- A-HP-1068-01 (Hadnot Point fuel Farm Southeast System, Bio Sparge Soil vapor Extraction)
- A-LCH 4015-04 (Bio Sparge Soil vapor Extraction)
- C-AS-4141-01 (JP-5 Line Area at MCAS, New River, Aggressive Fluid Vapor Recovery)
- C-AS-497-01 (JP-5 Rapid Aircraft Refueler at MCAS, New River Aggressive Fluid Vapor Recovery)
- A-HP-45-05 (Air Sparge Vapor Extraction System) *
- C-AS-4158-04 (Air Sparge Vapor Extraction System) *
- A-HP-1111-01 (Hadnot Point fuel Farm Northwest System, Air Sparge Vapor Extraction System)

* System is currently inactive

For applicability purposes, this subpart applies to each new, reconstructed, or existing affected source:

Process vents: The affected source is the entire group of process vents associated with the in-situ and ex-situ remediation processes used at your site to remove, destroy, degrade, transform, or immobilize hazardous substances in the remediation material subject to remediation. Examples of such in-situ remediation processes include, but are not limited to, soil vapor extraction and bioremediation processes. Examples of such ex-situ remediation processes include but are not limited to, thermal desorption, bioremediation, and air stripping processes.

Remediation material management units. Remediation material management unit means a tank, surface impoundment, container, oil-water separator, organic-water separator, or transfer system, as defined in §63.7957, and is used at your site to manage remediation material. The affected source is the entire group of remediation material management units used for the site remediation at your site.

For the purpose of this subpart, a tank or container that is also equipped with a vent that serves as a process vent, as defined in §63.7957, is not a remediation material management unit, but instead this unit is considered to be a process vent affected source under paragraph (a)(1) of §63.7882.

Therefore, the units at Camp Lejeune shall comply with the regulations that apply to "process vents"

Some vents can meet the requirements of Subpart GGGGG if the concentration of the volatile organic hazardous air pollutants (VOHAPs) that flow through the affected process vents, as defined in §63.7957, of this material is less than 10 parts per million by weight (ppmw). Determination of the VOHAP concentration is made using the procedures specified in 40 CFR §63.7943. All of the active remediation systems listed above will meet this requirement except the bio sparge vapor extraction unit A-HP-1068-01. This unit has a VOHAP concentration greater than 10 ppmw. It will be required to meet the 3.0 pound per hour and 3.1 ton per year VOHAP limit.

- VIII. A consistency determination **is not** required for this renewal application.
- IX. An application fee **is not** required for the renewal application (6700011.06A).
- X. A professional engineer's seal **is not** required for this renewal application..
- XI. The appropriate number of copies were received for the renewal application (6700011.06A).
- XII. The application did contain the Reduction and Recycling Form.

- XIII. The application was signed by an authorized official as defined by 15A NCAC 2Q .0304(j).
- XIV. An Air toxics review **is not** required for this renewal. No new emissions or emissions sources were added.
- XV. **Other:**
This facility is subject to 40 CFR Part 68, Prevention of Accidental Releases program, Section 112(r) of the Clean Air Act. The Risk Management plan has already been submitted.

- XVI. **Public Notice/EPA Review:**
A thirty-day public notice and EPA review period **is required**.

Public notice: The 30 day public notice period was from _____, 2008 through _____ 2009. _____ public comments were received for this permit application.

EPA 45-Day review Period: The DAQ sent copies of the appropriate information to the USEPA on _____ 2007. The EPA 45-day review period was from __, 2008 through _____, 2009. The USEPA _____ stating that they _____ comments on the renewal permit for this facility.

- XVII. **NonAttainment:**
Onslow County **has not been** designated nonattainment for the eight-hour ozone standard.

- XVIII. **Recommendations**
This renewal permit for the Camp Lejeune Marine Corps Air Station, which is located in Camp Lejeune, North Carolina, has been reviewed by the DAQ to determine compliance with all procedures and requirements. The DAQ has determined that this facility is complying or will achieve compliance as specified in the permit with all applicable requirements.

Regional Comments for this permit and review were received on _____, which was prior to the permit being sent to public notice. Comments from the applicant were received on _____.

Issue permit No. 06591T18