JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL ABRACZINSKAS
Director

NORTH CAROLINA
Environmental Quality

March 5, 2026

Mr. Robert Lowder
Director, Environmental Management Division
MCIEAST-Marine Corps Base Camp Lejeune
12 Post Lane
G-F/EMD/EQB
Camp Lejeune, NC 28547

SUBJECT: Air Quality Permit No. 06591T45
Facility ID: 6700011
MCIEAST-Marine Corps Base Camp Lejeune
Camp Lejeune, North Carolina
Onslow County
Fee Class: Title V
PSD Class: Major

Dear Mr. Lowder:

In accordance with your completed Air Quality Permit Application for renewal with modification of your Title V permit, we are forwarding, herewith, Air Quality Permit No. 06591T45 authorizing the construction and operation of the emission source(s) and associated air pollution control device(s) specified herein. Additionally, any emissions activities determined from your Air Quality Permit Application as being insignificant per 15A North Carolina Administrative Code 02Q .0503(8) have been identified as such in the permit. Please note, the requirements for the annual compliance certification are contained in General Condition P in Section 4. The current owner is responsible for submitting a compliance certification for the entire year regardless of who owned the facility during the year.

As the designated responsible official, it is your responsibility to review, understand, and abide by all of the terms and conditions of the attached permit. It is also your responsibility to ensure that any person who operates any emission source and associated air pollution control device subject to any term or condition of the attached permit reviews, understands, and abides by the condition(s) of the attached permit that are applicable to that particular emission source.

If any parts, requirements, or limitations contained in this Air Quality Permit are unacceptable to you, you have the right to file a petition for contested case hearing in the North Carolina Office of Administrative Hearings. Information regarding the right, procedure, and time limit for permittees and other persons aggrieved to file such a petition is contained in the attached "Notice Regarding the Right to Contest a Division of Air Quality Permit Decision."

The construction of new air pollution emission source(s) and associated air pollution control device(s), or modifications to existing emission source(s) and air pollution control device(s) described in this permit must be covered under an Air Quality Permit issued by the Division of Air Quality prior to

construction unless the Permittee has fulfilled the requirements of NCGS 143-215.108A(b) and received written approval from the Director of the Division of Air Quality to commence construction. Failure to receive an Air Quality Permit or written approval prior to commencing construction is a violation of NCGS 143-215.108A and may subject the Permittee to civil or criminal penalties as described in NCGS 143-215.114A and 143-215.114B.

Onslow County has not triggered increment tracking under PSD for any pollutants, so no tracking is required.

This Air Quality Permit shall be effective from March 5 2026 until February 28, 2031, is nontransferable to future owners and operators, and shall be subject to the conditions and limitations as specified therein.

Should you have any questions concerning this matter, please contact Luke Mayer by phone at (919) 707-8042 or by email at luke.mayer@deq.nc.gov.

Sincerely yours,

Mark J. Cuilla, EIT, CPM, Chief, Permitting Section
Division of Air Quality, NCDEQ

Enclosure

c: Brad Akers, EPA Region 4 (Permit and Review)
Laserfiche (6700011)

NOTICE REGARDING THE RIGHT TO CONTEST A DIVISION OF AIR QUALITY PERMIT DECISION

Right of the Permit Applicant or Permittee to File a Contested Case: Pursuant to NCGS 143-215.108(e), a permit applicant or permittee who is dissatisfied with the Division of Air Quality's decision on a permit application may commence a contested case by filing a petition under NCGS 150B-23 in the Office of Administrative Hearings within 30 days after the Division notifies the applicant or permittee of its decision. If the applicant or permittee does not file a petition within the required time, the Division's decision on the application is final and is not subject to review. The filing of a petition will stay the Division's decision until resolution of the contested case.

Right of Other Persons Aggrieved to File a Contested Case: Pursuant to NCGS 143-215.108(e1), a person other than an applicant or permittee who is a person aggrieved by the Division's decision on a permit application may commence a contested case by filing a petition under NCGS 150B-23 within 30 days after the Division provides notice of its decision on a permit application, as provided in NCGS 150B-23(f), or by posting the decision on a publicly available Web site. The filing of a petition under this subsection does not stay the Division's decision except as ordered by the administrative law judge under NCGS 150B-33(b).

General Filing Instructions: A petition for contested case hearing must be in the form of a written petition, conforming to NCGS 150B-23, and filed with the Office of Administrative Hearings, 1711 New Hope Church Road, Raleigh NC, 27609, along with a fee in an amount provided in NCGS 150B-23.2. A petition for contested case hearing form may be obtained upon request from the Office of Administrative Hearings or on its website at https://www.oah.nc.gov/hearings-division/filing/hearing-forms. Additional specific instructions for filing a petition are set forth at 26 NCAC Chapter 03.

Service Instructions: A party filing a contested case is required to serve a copy of the petition, by any means authorized under 26 NCAC 03 .0102, on the process agent for the Department of Environmental Quality:

Daniel S. Hirschman, General Counsel
North Carolina Department of Environmental Quality
1601 Mail Service Center
Raleigh, North Carolina 27699-1601

If the party filing the petition is a person aggrieved other than the permittee or permit applicant, the party **must also** serve the permittee in accordance with NCGS 150B-23(a).

* * *

Additional information is available at https://www.oah.nc.gov/hearings-division/hearing-process/filing-contested-case. Please contact the OAH at 984-236-1850 or oah.postmaster@oah.nc.gov with all questions regarding the filing fee and/or the details of the filing process.

Summary of Changes to Permit

The following changes were made to Air Permit No. 06591T44:*

Page(s)	Section	Description of Changes
Cover Letter and throughout permit	--	• Updated all dates and permit revision number • Reformatted permit in accordance with current TV permitting shell
4-7	1	• Removed emissions sources **(ID Nos. A-FC-280-07 and A-HP-S185-01)** • Changed description of several sources **(ID Nos. A-FC-285-10, B-A-A69-01, B-BA-72-03, B-BA-134-02, B-BB-241-02, C-RR-430-01, and C-RR-430-02)** from "engine test stands" to "outboard motor testing tanks" and removed MACT PPPPP listing from affected sources • Added remediation activities in Zone B **(ID No. B-REMED)** which were previously omitted • Updated the name of several sources **(ID Nos. A-HP-1854-10, A-MP-138-20, A-WC-330-01, B-BB-241-01, B-BB-241-02, C-AS-3900-01N, C-AS-3900-02S, and C-RR-430-03/04)** • Added MACT PPPPP to the emissions source description for each test stand for which the subpart applies, but there are no requirements
9-11	2.1 A.4	• Revised conditions for 15A NCAC 02D .1111 for 40 CFR 63, Subpart DDDDD in accordance with current shell standards and the most recent regulatory language
12-16	2.1 B	• Updated the name of one generator **(ID No. A-WC-330-01)** (was "A-WC-XX-01")
16-17 (old pages)	2.1 C (old section)	• Removed Section 2.1 C because emissions source **A-HP-S185-01** has been decommissioned and reorganized permit accordingly
17-18	2.1 C	• Changed "nitrogen dioxide" in the limits and standards table to "nitrogen oxides"
19-20	2.1 D	• Removed emissions source **A-FC-280-07** because it has been decommissioned • Corrected the name of emissions source **C-AS-480-01** (was "C-AS-499-01") • Changed "nitrogen dioxide" in the limits and standards table to "nitrogen oxides" • Updated the name of one testing tank **(ID No. B-BB-241-02)** (was "B-BB-329-01") • Moved several sources **(ID Nos. A-FC-285-01, B-A-A69-01, B-BA-72-03, B-BA-134-02, B-BB-241-02, C-RR-430-01, and C-RR-430-02)** to Section 2.1 J as they are outboard motor testing tanks • Updated the name of several test stands **(ID Nos. A-HP-1854-01, A-MP-138-20, and C-RR-430-03/04)** • Corrected the requirements for MACT PPPPP to "existing source" requirements for all test stands

Page(s)	Section	Description of Changes
21-23 (old pages)	2.1 F (old section)	• Moved fuel storage tank **(ID No. I-A-HP-972-01A)** to insignificant activities table • Removed Section 2.1 F and reorganized permit accordingly
22	2.1 E.2	• Revised monitoring requirements for one grinding booth **(ID No. C-AS-3900-03)**
23-30	2.1 E.4	• Revised "MACT, Subpart GG" to MACT GG in Table 2.1 E-1 • Revised conditions for 15A NCAC 02D .1111 for 40 CFR 63, Subpart GG in accordance with current shell standards and the most recent regulatory language
33-34	2.1 G.2	• Changed "…bagfilters' structural integrity…" to "filter systems' structural integrity…"
35-37	2.1 H	• Replaced conditions for 15A NCAC 02D .0524 for 40 CFR 60, Subpart WWW with conditions for 40 CFR 60, Subpart XXX • Added conditions for 15A NCAC 02D .1111 for 40 CFR 63, Subpart AAAA • Moved closed landfill segment **I-A-FC-18-01** to insignificant activities table
38-39	2.1 I	• Updated the name of one generator **(ID No. B-BB-241-01)**
40	2.1 J	• Moved several sources **(ID Nos. A-FC-285-01, B-A-A69-01, B-BA-72-03, B-BA-134-02, B-BB-241-02, C-RR-430-01, and C-RR-430-02)** to this section from Section 2.1 D because they are outboard motor testing tanks and not engine test stands
41	2.1 K.1	• Revised conditions for 15A NCAC 02D .1111 for 40 CFR 63, Subpart GGGGG to reflect the fact that the facility's remediation activities handle less than 1 megagram (Mg) of material annually
42	2.2 A.1	• Changed a reference to Attachment A to Application No. 6700011.11C to a reference to an attachment to this permit issuance.
43	2.2 B.1	• Changed "…per year…" to "…per consecutive 12-month period…" • Revised the description of two sources **(ID Nos. C-RR-430-01 and C-RR-430-02)** from "engine test stands" to "outboard motor test tanks"
44	2.2 C.1	• Changed "…per year…" to "…per consecutive 12-month period…"
45	2.2 D	• Removed emissions source **A-FC-280-07** because the source has been decommissioned • Changed "…per year…" to "…per consecutive 12-month period…"
46-50	3	• Moved "MACT DDDDD" from the source description column to the emissions source ID column in accordance with current TV permitting shell • Updated the source description of **I-A-EGEN-NEW** from "100 [engines]…" to "99 [engines]…" as one engine has been replaced and is now new insignificant activity **I-A-HP-01-05** • Added horsepower values for **I-A-MP-RS27-01** through **05** (previously listed as "XX horsepower")

Page(s)	Section	Description of Changes
		• Moved "MACT ZZZZ" and "NSPS IIII" or "NSPS JJJJ" (as applicable) from the source description column to the emissions source ID column in accordance with current TV permitting shell • Added insignificant activity **I-C-AS-4040-03** to the table in accordance with 502(b)(10) notification dated 10/17/2022 • Added insignificant activity **I-A-HP-01-05** to the table in accordance with 502(b)(10) notification dated 3/19/2025 • Added insignificant activity **I-A-HP-TP-446** to the table • Added insignificant activity **I-C-AS-3625-05** to the table • Updated the source description of **I-C-EGEN-NEW** from "38 [engines]…" to "39 [engines]…" as one new engine has been installed and grouped with this activity • Moved closed landfill site **(ID No. I-A-FC-18-01)** to the insignificant activity table • Removed insignificant activity **I-A-FC-40-03** from the table • Added insignificant activity **I-A-FC-286-16** to the table • Added insignificant activity **I-A-FC-440-01** to the table • Added insignificant activity **I-A-FC-SFC553A-01** to the table • Removed insignificant activity **I-A-HP-40-01** from the table • Removed insignificant activity **I-A-HP-40a-01** from the table • Renamed source **I-A-HP-1854-11** from "I-A-HP-575-11" • Added insignificant activity **I-A-PG-978-03** to the table • Added insignificant activity **I-A-PG-978-04** to the table • Renamed source **I-C-AS-255-02** from "I-C-AS-516-02" and revised source description • Revised source description of insignificant activity **I-C-AS-3900-04** • Removed insignificant activity **I-C-AS-4100-01** from the table • Renamed source **I-C-AS-516/518-03** from "I-C-AS-4106-06" • Added insignificant activity **I-C-CG-51a-01** to the table • Renamed source **I-C-RR-462-01** from "I-C-RR-455-01" • Renamed source **I-C-RR-467-01** from "I-B-A-A66" • Removed insignificant activity **I-D-SR-46-01** from the table • Consolidated storage tanks into source groups rather than individual units
51-58	4	• Updated General Conditions with most recent version (Version 8 dated 07/10/2024)
--	--	• Added Attachment A to this permit included air toxics limits from Application No. 6700011.11C

* This list is not intended to be a detailed record of every change made to the permit but a summary of those changes.

State of North Carolina
Department of Environmental Quality
Division of Air Quality

AIR QUALITY PERMIT

Permit No.	Replaces Permit No.(s)	Effective Date	Expiration Date
06591T45	06591T44	March 5, 2026	February 28, 2031

NOTE: Per General Condition K, a permit application for the renewal of this Title V permit shall be submitted no later than August 31, 2030.

Until such time as this permit expires or is modified or revoked, the below named Permittee is permitted to construct and operate the emission source(s) and associated air pollution control device(s) specified herein, in accordance with the terms, conditions, and limitations within this permit. This permit is issued under the provisions of Article 21B of Chapter 143, General Statutes of North Carolina as amended, and Title 15A North Carolina Administrative Codes (15A NCAC), Subchapters 02D and 02Q, and other applicable Laws.

Pursuant to Title 15A NCAC, Subchapter 02Q, the Permittee shall not construct, operate, or modify any emission source(s) or air pollution control device(s) without having first submitted a complete Air Quality Permit Application to the permitting authority and received an Air Quality Permit, except as provided in this permit.

Permittee:	**MCIEAST-Marine Corps Base Camp Lejeune**
Facility ID:	**6700011**
Primary SIC Code:	**9711**
NAICS Code:	**928110**
Facility Site Location:	**12 Post Lane**
City, County, State, Zip:	**Camp Lejeune, Onslow County, NC 28547**
Mailing Address:	**12 Post Lane, G-F/EMD**
City, State, Zip:	**Camp Lejeune, NC 28547**
Application Number(s):	**6700011.24A, 6700011.22A, 6700011.25A, and 6700011.25B**
Complete Application Date(s):	**April 23, 2024 (.24A), October 17, 2022 (.22B), March 25, 2025 (.25A), and August 24, 2022 (.25B)**
Division of Air Quality Regional Office Address:	**Wilmington Regional Office 127 Cardinal Drive Extension Wilmington, NC 28405**

Permit issued this the 5th day of March, 2026.

Mark J. Cuilla, EIT, CPM, Chief, Air Permitting Section
By Authority of the Environmental Management Commission

Table of Contents

List of Acronyms

AOS	Alternative Operating Scenario
BACT	Best Available Control Technology
BAE	Baseline Actual Emissions
Btu	British thermal unit
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CEDRI	Compliance and Emissions Data Reporting Interface
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COMS	Continuous Opacity Monitoring System
CSAPR	Cross-State Air Pollution Rule
DAQ	Division of Air Quality
DEQ	Department of Environmental Quality
EMC	Environmental Management Commission
EPA	Environmental Protection Agency
FR	Federal Register
GACT	Generally Available Control Technology
GHGs	Greenhouse Gases
HAP	Hazardous Air Pollutant
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
NAA	Non-Attainment Area
NAAQS	National Ambient Air Quality Standards
NAICS	North American Industry Classification System
NCAC	North Carolina Administrative Code
NCGS	North Carolina General Statutes
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO_X	Nitrogen Oxides
NSPS	New Source Performance Standard
NSR	New Source Review
OAH	Office of Administrative Hearings
PAE	Projected Actual Emissions
PAL	Plantwide Applicability Limitation
PM	Particulate Matter
$PM_{2.5}$	Particulate Matter with Nominal Aerodynamic Diameter of 2.5 Micrometers or Less
PM_{10}	Particulate Matter with Nominal Aerodynamic Diameter of 10 Micrometers or Less
POS	Primary Operating Scenario
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
RACT	Reasonably Available Control Technology
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
TAP	Toxic Air Pollutant
tpy	Tons Per Year
VOC	Volatile Organic Compound

SECTION 1 - PERMITTED EMISSION SOURCE(S) AND ASSOCIATED AIR POLLUTION CONTROL DEVICE(S) AND APPURTENANCES

The following table contains a summary of all permitted emission sources and associated air pollution control devices and appurtenances:

Emission Source ID No.	Emission Source Description	Control Device ID No.	Control Device Description
A-NH-100-01, and A-NH-100-02 **MACT DDDDD**	Two No. 2 fuel oil/natural gas-fired boilers (14.645 million Btu heat input capacity each)	None	None
A-NH-100-05A **MACT DDDDD**	No. 2 fuel oil/natural gas-fired boiler (9.9 million Btu per hour heat input capacity)	None	None
A-FC-540-01 **MACT ZZZZ**	Diesel-fired emergency generator (1,500 kW)	None	None
A-HP-128-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (600 kW)	None	None
A-HP-227-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (810 kW)	None	None
A-HP-24-03 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (750 kW)	None	None
A-HP-24-04 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (750 kW)	None	None
A-HP-590-01 **MACT ZZZZ**	Diesel-fired emergency generator (750 kW)	None	None
A-MP-455-01B **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (1,250 kW) (1,848 bhp)	None	None
A-NH-100-10B **MACT ZZZZ**	Diesel-fired emergency generator (1,495 bhp)	None	None
A-NH-100-11B **MACT ZZZZ**	Diesel-fired emergency generator (1,495 bhp)	None	None
A-NH-100-12B **MACT ZZZZ**	Diesel-fired emergency generator (1,495 bhp)	None	None
A-NH-100-14 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (910 kW)	None	None
A-WC-PT3C-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (1,000 kW) (1,500 bhp)	None	None
C-AS-4013-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (1,000 kW)	None	None
C-RR-134-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired Emergency Generator (400 kW) (591 hp)	None	None
C-RR-400-05 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (1,250 kW) (1848 hp)	None	None
C-RR-406-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (2,500 kW)	None	None

Emission Source ID No.	Emission Source Description	Control Device ID No.	Control Device Description
C-RR-425-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired Emergency Generator (400 kW)	None	None
C-RR-430-05 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (800 kW)	None	None
C-RR-440-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (200 kW) (311 hp)	None	None
A-HP-24C-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired Emergency Generator (150 kW)	None	None
A-HP-1230-3 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (1,000 kW) (1,474 hp)	None	None
A-FC-280-24 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired generator (60 kW)	None	None
A-FC-280-26 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired generator (40 kW)	None	None
A-WC-330-01 **MACT ZZZZ**, **NSPS IIII**	Diesel-fired emergency generator (2,000 kW)	None	None
B-BB-241-01 **MACT ZZZZ**, **NSPS IIII**	Tactical generators located at the Marine Corps Engineer School (used for instructional purposes only, each diesel or F-24-fired, each with less than 282 horsepower)	None	None
A-FC-241-06 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (300 hp)	None	None
A-FC-280-11 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (525 hp)	None	None
A-FC-280-12 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (525 hp)	None	None
A-FC-280-13 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (525 hp)	None	None
A-FC-280-14 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (525 hp)	None	None
A-FC-280-23 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (525 hp)	None	None
A-FC-280-25 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (525 hp)	None	None
A-FC-285-01	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (55 hp)	None	None
A-HP-1854-10 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (537 hp)	None	None
A-MP-138-20 **MACT PPPPP**	62 diesel or F-24-fired IC engine test stands (between 190 and 625 hp)	None	None
A-MP-150-01 **MACT PPPPP**	11 diesel or F-24-fired IC engine test stands (between 190 and 625 hp)	None	None
A-MP-151-01 **MACT PPPPP**	11 diesel or F-24-fired IC engine test stands (between 190 and 625 hp)	None	None

Emission Source ID No.	Emission Source Description	Control Device ID No.	Control Device Description
B-A-A47-05 **MACT PPPPP**	Diesel or F-24-fired IC engine test stand (525 hp)	None	None
B-A-A69-01	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (55 hp)	None	None
B-BA-134-02	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (55 hp)	None	None
B-BB-A72-03	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (55 hp)	None	None
B-BB-241-02	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (55 hp)	None	None
B-BB-A72-04	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (130 hp)	None	None
B-BB-A72-05	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (130 hp)	None	None
C-AS-480-01 **MACT PPPPP**	Jet engine test stand	None	None
C-RR-430-01	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (55 hp)	None	None
C-RR-430-02	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank (55 hp)	None	None
C-RR-430-03/04 **MACT PPPPP**	Two diesel-fired IC engine training test stands (625 hp, each)	None	None
A-FC-280-10	Dry filter paint spray booth	None	None
A-FC-286-12	Dry filter type paint spray booth	None	None
A-FC-286-13, A-FC-286-24	Dry filter paint spray booth (ID No. A-FC-286-13) with steam heated dryer (ID No. A-FC-286-24)	None	None
C-AS-3900-01N **MACT GG**	Paint hangar	None	None
C-AS-3900-02S **MACT GG**	Paint spray booth	None	None
C-AS-3900-05 **MACT GG**	Dry filter paint spray booth	None	None
C-AS-3900-03	Grinding booth	CD-13	One cartridge-type filter (7,080 square feet of filter surface area)
C-AS-4106-01 **MACT GG**	Paint spray booth	None	None
C-AS-518-12 **MACT GG**	Dry filter paint spray booth	None	None
C-AS-518-13 **MACT GG**	Dry filter paint spray booth	None	None
C-AS-FUGITIVE-DEPAIN **MACT GG**	All fugitive chemical depainting operations subject to MACT, Subpart GG	None	None
C-AS-FUGITIVE-PAINTI **MACT GG**	All fugitive painting operations subject to MACT, Subpart GG	None	None
C-AS-HAND WIPE **MACT GG**	All hand wipe solvent cleaning activities subject to MACT, Subpart GG	None	None
C-AS-FLUSH **MACT GG**	All flush cleaning activities subject to MACT, Subpart GG	None	None

Emission Source ID No.	Emission Source Description	Control Device ID No.	Control Device Description
C-AS-514-01 **MACT GG**	Plastic media blasting system	CD-17-A, CD-17-B, CD-17-C	three cartridge filter systems (16,800 square feet of filter area each) each in series with a HEPA filter
C-AS-514-02 **MACT GG**	Chemical depainting operation	None	None
A-HP-982-01 **MACT AAAA** **NSPS XXX**	Municipal solid waste landfill, active (1,271,998 megagram capacity)	None	None
A-FC-286-11	Abrasive blasting operation	CD-08	One fabric filter (15,600 square feet of surface area)
A-HP-915-06	Woodworking operations	CD-15A	One cartridge-type filter system (2.03:1 air to cloth ratio)
A-HP-1202-02, and A-HP-1202-04	Woodworking operations	CD-03, CD-04	Two simple cyclones (36 inches in diameter each)
A-REMED **MACT GGGGG**	Five existing remediation systems located in Zone A	NA	NA
B-REMED **MACT GGGGG**	One existing remediation system located in Zone B	NA	NA
C-REMED **MACT GGGGG**	Five existing remediation systems located in Zone C	NA	NA

SECTION 2 - SPECIFIC LIMITATIONS AND CONDITIONS

2.1 Emission Source(s) and Control Devices(s) Specific Limitations and Conditions

The emission source(s) and associated air pollution control device(s) and appurtenances listed below are subject to the following specific terms, conditions, and limitations, including the testing, monitoring, recordkeeping, and reporting requirements as specified herein:

A. Three No. 2 fuel oil/natural gas-fired boilers (ID Nos. A-NH-100-01; A-NH-100-02; and A-NH-100-05A)

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Particulate matter	0.60 pounds per million Btu heat input	15A NCAC 02D .0503
Sulfur dioxide	2.3 pounds per million Btu heat input	15A NCAC 02D .0516
Sulfur dioxide	**(ID Nos. A-NH-100-01 and A-NH-100-02)** Less than 250 tons per year, combined	15A NCAC 02Q .0317 (PSD Avoidance)
Visible emissions	20 percent opacity	15A NCAC 02D .0521
Hazardous air pollutants	Work practices and scheduled tune-ups	15A NCAC 02D .1111 (40 CFR Part 63, Subpart DDDDD)
Toxic air pollutants	**State-enforceable only** **See Section 2.2 A**.	15A NCAC 02D .1100

1. 15A NCAC 02D .0503: PARTICULATES FROM FUEL BURNING INDIRECT HEAT EXCHANGERS

a. Emissions of particulate matter from the combustion of natural gas and/or No. 2 fuel oil that are discharged from these boilers **(ID Nos. A-NH-100-01**, **A-NH-100-02**, and **A-NH-100-05A)** into the atmosphere shall not exceed 0.60 pounds per million Btu heat input, each.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 A.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0503.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for particulate emissions from the firing of natural gas and/or No.2 fuel oil in these boilers **(ID Nos. A-NH-100-01**, **A-NH-100-02**, and **A-NH-100-05A)**.

2. 15A NCAC 02D .0516: SULFUR DIOXIDE EMISSIONS FROM COMBUSTION SOURCES

a. Emissions of sulfur dioxide from these boilers **(ID Nos. A-NH-100-01**, **A-NH-100-02**, and **A-NH-100-05A)** shall not exceed 2.3 pounds per million Btu heat input. Sulfur dioxide formed by the combustion of sulfur in fuels, wastes, ores, and other substances shall be included when determining compliance with this standard.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 A.2.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0516.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for sulfur dioxide emissions from the firing of natural gas and/or No.2 fuel oil in these boilers **(ID Nos. A-NH-100-01**, **A-NH-100-02**, and **A-NH-100-05A)**.

3. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from these boilers **(ID Nos. A-NH-100-01**, **A-NH-100-02**, and **A-NH-100-05A)** shall not be more than 20 percent opacity when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent, not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 A.3.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for visible emissions from the firing of natural gas and/or No. 2 fuel oil in these boilers **(ID Nos. A-NH-100-01**, **A-NH-100-02**, and **A-NH-100-05A)**.

4. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY (40 CFR Part 63, Subpart DDDDD)

Applicability [40 CFR 63.7485, 63.7490(d), and 63.7499(l)]

a. For these boilers **(ID Nos. A-NH-100-01** and **A-NH-100-02)**, existing sources designed to burn gas 1 fuels, with oil during curtailment, with a heat input capacity equal to or greater than 10 million Btu per hour, and this boiler **(ID No. A-NH-100-05A)**, a new source designed to burn gas 1 fuels, with oil during curtailment, with a heat input capacity between 5 and 10 million Btu per hour), the Permittee shall comply with all applicable provisions, including the monitoring, recordkeeping, and reporting contained in Environmental Management Commission Standard 15A NCAC 02D .1111 "Maximum Achievable Control Technology" (MACT) as promulgated in 40 CFR 63, Subpart DDDDD, "National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters" and Subpart A "General Provisions."

Definitions and Nomenclature [40 CFR 63.7575]

b. For the purpose of this permit condition, the definitions and nomenclature contained in 40 CFR 63.7575 shall apply.

c. The Permittee shall only burn liquid fuel for periodic testing of liquid fuel, maintenance, or operator training, not to exceed a combined total of 48 hours during any calendar year, and during periods of gas curtailment or gas supply interruptions of any duration. The Permittee shall be deemed in noncompliance with 15A NCAC 02D .1111 if these requirements are not met.

40 CFR Part 63 Subpart A General Provisions [40 CFR 63.7565]

d. The Permittee shall comply with the requirements of 40 CFR Part 63, Subpart A: General Provisions according to the applicability of Subpart A to such sources as identified in Table 10 to 40 CFR 63, Subpart DDDDD.

Compliance Date [40 CFR 63.7510(e), 63.56(b)]

e. The Permittee shall complete the initial tune-up and one-time energy assessment (existing sources only) no later than May 20, 2019.

Notifications [40 CFR 63.7545(e), 63.7530(e), (f)]

f. The Permittee shall submit a Notification of Compliance Status. The notification shall be signed by a responsible official and submitted by July 19, 2019. The notification shall include the following:
   i. A description of the affected unit(s) including identification of which subcategories the unit is in, the design heat input capacity of the unit, and description of the fuel(s) burned.
   ii. the following certification(s) of compliance, as applicable:
      (A) "This facility completed the required initial tune-up for all of the boilers and process heaters covered by 40 CFR 63 Subpart DDDDD at the site according to the procedures in 40 CFR 63.7540(a)(10)(i) through (vi)" [i.e., **Sections 2.1 A.4.h.i and j.ii**]; and
      (B) "This facility has had an energy assessment performed according to 40 CFR 63.7530(e)" [i.e., **Section 2.1 A.4.i**] and is an accurate depiction of the facility at the time of assessment, or that the maximum number of on-site technical hours specified in the definition of energy assessment applicable to the facility has been expended.

(C) "No secondary materials that are solid waste were combusted in any affected unit."
[40 CFR 63.7545(c)]

g. The Permittee shall submit a notification of intent to fire an alternative fuel (i.e., fuel oil) within 48 hours of the declaration of each period of natural gas curtailment or supply interruption. The notification must include the information in 40 CFR 63.7545(f). [40 CFR 63.7545(f)]

Work Practice Standards [15A NCAC 02Q .0508(f)]

h. The Permittee shall conduct a tune-up of the source(s) annually (for boilers **ID Nos. A-NH-100-01** and **A-NH-100-02**) or biennially (for boiler **ID No. A-NH-100-05A**) as specified below.
   i. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (the Permittee may perform the burner inspection any time prior to the tune-up or delay the burner inspection until the next scheduled unit shutdown;
   ii. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;
   iii. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (the Permittee may delay the inspection until the next scheduled unit shutdown);
   iv. Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available, and with any NO_x requirement to which the unit is subject; and
   v. Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements can be made using a portable CO analyzer.
   [40 CFR 63.7500(a), 63.7540(a)(10) and (11)]
   vi. Each annual tune-up shall be conducted no more than 13 months after the previous tune-up, and each biennial tune-up shall be conducted no more than 25 months after the previous tune-up. [40 CFR 63.7515(d)]
   vii. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup. [40 CFR 63.7540(a)(13) and 63.7515(g)]
   viii. At all times, the Permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.7500(a)(3)]

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .1111 if the requirements in **Section 2.1 A.4.h** above are not met.

Energy Assessment Requirements [15A NCAC 02Q .0508(f)]

i. The Permittee shall have a one-time energy assessment performed by a qualified energy assessor. The energy assessment shall address the requirements in 40 CFR 63 Subpart DDDDD, Table 3, with the extent of the evaluation for items (a) to (e) in Table 3 appropriate for the on-site technical hours listed in 40 CFR 63.7575: [40 CFR 63.7500(a)(1), Table 3]

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .1111 if these requirements are not met.

Recordkeeping Requirements [15A NCAC 02Q .0508(f), 40 CFR 63.7555]

j. The Permittee shall keep the following:
   i. A copy of each notification and report submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status, or semiannual compliance report that has been submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv). [40 CFR 63.7555(a)(1)]
   ii. Maintain on-site and submit, if requested by the Administrator, an annual report containing the information in Sections 2.1 A.4.j.ii.(A) through (C) below:
      (A) the concentrations of carbon monoxide in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the source;
      (B) a description of any corrective actions taken as a part of the tune-up; and
      (C) the type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.
      [40 CFR 63.7540(a)(10)(vi)]
   iii. the associated records for **Sections 2.1 A.4.h through i**.

iv. the following records, pursuant to 15A NCAC 02Q .0508(f) and 40 CFR 63.7555(h):
(A) types of fuels combusted during periods of gas curtailment, gas supply interruption, periodic testing, maintenance, and operator training;
(B) date and duration of periods of gas curtailment and gas supply interruption; and
(C) date and duration of periods of testing, maintenance and operator training while combusting liquid fuel.

k. The Permittee shall:
i. maintain records in a form suitable and readily available for expeditious review;
ii. keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record; and
iii. keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record. The Permittee can keep the records offsite for the remaining 3 years.
[40 CFR 63.7560, 63.10(b)(1)]
The Permittee shall be deemed in noncompliance with 15A NCAC 02D .1111 if records are not maintained as described in **Sections 2.1 A.4.j through k**.

Reporting Requirements [15A NCAC 02Q .0508(f)]

l. The Permittee shall submit compliance reports to the DAQ on an annual basis for the existing boilers **(ID Nos. A-NH-100-01** and **A-NH-100-02)** and on a 5-year basis for the new boiler **(ID No. A-NH-100-05A)**. The first report shall cover the period beginning on May 20, 2019 and ending on December 31, 2019. The first report shall be postmarked on or before January 30, 2020. Subsequent annual reports shall cover the periods from January 1 to December 31. The Permittee shall submit the compliance report postmarked on or before January 30 of each calendar year for the preceding 12-month period. [40 CFR 63.7550(b)]

m. The compliance report shall also be submitted electronically via the Compliance and Emissions Data Reporting Interface (CEDRI). CEDRI can be accessed through the EPA's Central Data Exchange (CDX) (https://cdx.epa.gov/). The Permittee shall use the appropriate electronic report in CEDRI for this subpart. Instead of using the electronic report in CEDRI for this subpart, the Permittee may submit an alternate electronic file consistent with the XML schema listed on the CEDRI website (http://www.epa.gov/ttn/chief/cedri/index.html), once the XML schema is available. If the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the Permittee shall submit the report to the Administrator at the appropriate address listed in 40 CFR 63.13. The Permittee shall begin submitting reports via CEDRI no later than 90 days after the form becomes available in CEDRI. [40 CFR 63.7550(h)(3)]

n. The compliance report shall contain the following information:
i. company name and address;
ii. process unit information, emissions limitations, and operating parameter limitations;
iii. date of report and beginning and ending dates of the reporting period;
iv. include the date of the most recent tune-up for each unit required according to **Section 2.1 A.4.h**. Include the date of the most recent burner inspection.
v. statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
[40 CFR 63.7550(a) and (c), Table 9]

5. 15A NCAC 02Q .0317: AVOIDANCE CONDITIONS for 15A NCAC 02D .0530: PREVENTION OF SIGNIFICANT DETERIORATION

a. In order to avoid applicability of 15A NCAC 02D .0530(g) for major sources and modifications, these boilers **(ID Nos. A-NH-100-01** and **A-NH-100-02)** shall discharge into the atmosphere less than 250 tons of sulfur dioxide per consecutive 12-month period.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 A.5.a above in this section, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. Monitoring/Recordkeeping/Reporting is not required for these boilers **(ID Nos. A-NH-100-01** and **A-NH-100-02)** for avoidance of PSD while burning natural gas or No. 2 fuel oil. Fuels which contain more sulfur than No. 2 fuel oil (maximum sulfur content 1% by weight) shall not be combusted in either boiler without modification of this

permit to include appropriate limitations, monitoring, recordkeeping and reporting requirements to ensure compliance with the above annual limit.

B. Emergency-use diesel-fired reciprocating internal combustion engines:

Table 2.1 B-1: *Engines constructed on or after December 19, 2002, and on or before April 1, 2006, site rating greater than 500 horsepower:*
A-NH-100-10B
A-NH-100-11B
A-NH-100-12B

Table 2.1 B-2: *Engines constructed before December 19, 2002, site rating greater than 500 horsepower:*
A-FC-540-01
A-HP-590-01
A-NH-100-14

Table 2.1 B-3: *Engines manufactured after April 1, 2006, site rating greater than 500 horsepower:*
A-HP-128-01
A-HP-227-01
A-HP-24-03
A-HP-24-04
A-HP-1230-3
A-MP-455-01B
A-WC-PT3C-01
A-WC-330-01
C-AS-4013-01
C-RR-134-01
C-RR-400-05
C-RR-406-01
C-RR-425-01
C-RR-430-05

Table 2.1 B-4: *Engines constructed on or after June 12, 2006, site rating less than 500 horsepower:*
C-RR-440-01
A-HP-24C-01

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Sulfur dioxide	**(Sources in Tables 2.1 B-1 and 2)** 2.3 pounds per million Btu heat input	15A NCAC 02D .0516
Visible emissions	20 percent opacity	15A NCAC 02D .0521
Varies	**(Sources in Tables 2.1 B-3 and 4)** See Section 2.1 B.3	15A NCAC 02D .0524 (40 CFR Part 60, Subpart IIII)
Hazardous air pollutants	No requirements See Section 2.1 B.4	15A NCAC 02D .1111 (40 CFR Part 63, Subpart ZZZZ)
Nitrogen oxides	**(ID Nos. C-RR-134-01, C-RR-400-05, C-RR-425-01, C-RR-430-05, C-RR-440-01, and A-HP-24C-01)** 40 tons per year, combined See Section 2.2 B.1	15A NCAC 02Q .0317 (PSD Avoidance)
Toxic air pollutants	**State-enforceable only** See Section 2.2 A.1	15A NCAC 02D .1100

1. 15A NCAC 02D .0516: SULFUR DIOXIDE EMISSIONS FROM COMBUSTION SOURCES

a. Emissions of sulfur dioxide from each emergency generator listed in Tables 2.1 B-1 and 2 above shall not exceed 2.3 pounds per million Btu heat input. Sulfur dioxide formed by the combustion of sulfur in fuels, wastes, ores, and other substances shall be included when determining compliance with this standard.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 B.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0516.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for sulfur dioxide emissions from the firing of diesel fuel in any emergency generator listed in Tables 2.1 B-1, 2, 3, and 4.

2. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from each emergency generator listed in Tables 2.1 B-1, 2, 3, and 4 shall not be more than 20 percent opacity when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent, not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 B.2.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for visible emissions from the firing of diesel fuel in any emergency generator listed in Tables 2.1 B-1, 2, 3, and 4.

3. 15A NCAC 02D .0524: NEW SOURCE PERFORMANCE STANDARDS

Applicability [40 CFR 60.4200(a)(2)(i)]

a. For emergency-use engines manufactured after April 1, 2006 (Table 2.1 B-3) and emergency-use engines constructed on or after June 12, 2006 (Table 2.1 B-4), the Permittee shall comply with all applicable provisions, including the requirements for emission standards, notification, testing, reporting, recordkeeping, and monitoring, contained in Environmental Management Commission Standard 15A NCAC 02D .0524 "New Source Performance Standards" as promulgated in 40 CFR Part 60 Subpart IIII "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines," including Subpart A "General Provisions."

Definitions and Nomenclature

b. For the purposes of this permit condition, the definitions and nomenclature contained in 40 CFR 60.4219 shall apply.

General Provisions [15A NCAC 02Q .0508(b)]

c. Pursuant to 40 CFR 60.4218, the Permittee shall comply with the General Provisions of 40 CFR Part 60 Subpart A as presented in Table 8 of 40 CFR Part 60 Subpart IIII.

Emission Standards [15A NCAC 02Q .0508(b)]

d. The Permittee shall comply with the emission standards for new non-road CI engines in 40 CFR 60.4202, for all pollutants, for the same model year and maximum engine power for these sources. [40 CFR 60.4205(b)]

Fuel Requirements [15A NCAC 02Q .0508(b)]

e. Beginning October 1, 2010, the Permittee shall use diesel fuel in the engines that meets the following requirements as specified in 40 CFR 109.305, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted:
   i. a maximum sulfur content of 15 ppm; and
   ii. a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent.
   [40 CFR 60.4207(b)]

Testing [15A NCAC 02Q .0508(f)]

f. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limits given in Section 2.1 B.3.d or e above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524.

Monitoring [15A NCAC 02Q .0508(f)]

g. The engine has the following monitoring requirements:
   i. The engines shall be equipped with a non-resettable hour meter prior to startup. [40 CFR 60.4209(a)]

ii. The engines, which are equipped with a diesel particulate filter, shall be installed with backpressure monitors that notify the owner or operator when the high backpressure limit of the engine is approached.

[40 CFR 60.4209(b)]

The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524 if these monitoring requirements are not met.

Compliance Requirements [15A NCAC 02Q .0508(b)]

h. The Permittee shall:
   i. operate and maintain the engines and control devices according to the manufacturer's emission-related written instructions over the entire life of the engine;
   ii. change only those emission-related settings that are permitted by the manufacturer; and
   iii. meet the requirements of 40 CFR 89, 94 and/or 1068 as applicable.

   [40 CFR 60.4206 and 60.4211(a)]

i. The Permittee shall comply with the emission standards in Section 2.1 B.3.d by purchasing an engine certified to the emission standards in Section 2.1 B.3.d. The engine shall be installed and configured according to the manufacturer's emission-related specifications. [40 CFR 60.4211(c)]

j. In order for the engine to be considered an emergency stationary internal combustion engine (ICE) as defined in Section 2.1 B.3.b, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described below, is prohibited.
   i. There is no time limit on the use of emergency stationary ICE in emergency situations.
   ii. The Permittee may operate the emergency stationary ICE for any combination of the purposes specified in Section 2.1 B.3.j.ii.(A) below for a maximum of 100 hours per calendar year. Any operations for non-emergency situations as allowed by Section 2.1 B.3.j.iii below counts as part of the 100 hours per calendar year allowed by this section.
      (A) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state, or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.
   iii. Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in Section 2.1 B.3.j.ii above. Except as provided in Section 2.1 B.3.j.iii.(A) below, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for the facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.
      (A) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:
         (1) The engine is dispatched by the local balancing authority or local transmission and distribution system operator;
         (2) The dispatched is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
         (3) The dispatched follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
         (4) The power is provided only to the facility itself or to support the local transmission and distribution system.
         (5) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards of guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

   [40 CFR 60.4211(f)]

k. The Permittee shall be deemed in noncompliance with 15 NCAC 02D .0524, if the compliance requirements in Sections 2.1 B.3.h through j are not met.

Recordkeeping [15A NCAC 02Q .0508(f)]

l. The following records shall be maintained:

i. The results of inspection and maintenance made pursuant to Section 2.1 B.3.h shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   (A) the date and time of each recorded action;
   (B) the results of each inspection;
   (C) the result of any maintenance performed on the engine;
   (D) any variance from manufacturer's recommendations, if any, and corrections made;
   (E) the hours of operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner shall record the time of operation of the engine and the reason the engine was in operation during that time [40 CFR 60.4214(b)]; and
   (F) if a PM filter is used, records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached [40 CFR 60.4214(c)];

ii. documentation from the manufacturer that the engine is certified to meet the emission standards in Section 2.1 B.3.d; and

iii. records showing the fuel combusted meets the requirements in Section 2.1 B.3.e.

The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524 if these recordkeeping requirements are not met.

Reporting [15A NCAC 02Q .0508(f)]

m. The Permittee shall submit a summary report of monitoring and recordkeeping activities required by Sections 2.1 B.3.g through l above, 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 noncompliance with the requirements of this permit shall be clearly identified.

n. If the Permittee owns or operates an emergency stationary CI ICE with a maximum engine power more than 100 HP that operates for the purposes specified in Section 2.1 B.3.j.(iii).(A) above, the Permittee shall submit an annual report according to the requirements of 40 CFR 60.4214(d). This report shall be submitted to the Regional Supervisor and directly to the EPA pursuant to 40 CFR 60.4214(d)(3). [40 CFR 60.4214(d)] The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524 if this reporting requirement is not met.

4. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY

Applicability [40 CFR 63.6585, 6590(a)(2)]

a. For each source listed in Tables 2.1 B-1, 2, 3, and 4, the Permittee shall comply with all applicable provisions, including the monitoring, recordkeeping, and reporting contained in Environmental Management Commission Standard 15A NCAC 02D .1111 "Maximum Achievable Control Technology" (MACT) as promulgated in 40 CFR Part 63, Subpart ZZZZ, "National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines."

b. The Permittee shall ensure that the sources listed in Tables 2.1 B-1, 2, 3, and 4 meet the definition of an "emergency stationary RICE" at 40 CFR 63.6675.

c. Pursuant to 40 CFR 63.6590(b)(1)(i), the sources listed in Tables 2.1 B-1 and B-3 do not have to meet the requirements of 40 CFR Part 63, Subpart ZZZZ and Subpart A except for the initial notification requirements of 40 CFR 63.6645(f). The Permittee has previously submitted the required initial notification.

d. Pursuant to 40 CFR 63.6590(b)(3)(iii), the sources listed in Table 2.1 B-2 do not have to meet the requirements of 40 CFR Part 63, Subpart ZZZZ and Subpart A.

e. Pursuant to 40 CFR 63.6590(c)(6), the sources listed in Table 2.1 B-4 shall demonstrate compliance with Subpart ZZZZ by demonstrating compliance with 40 CFR Part 60, Subpart IIII (see Section 2.1 B.3). No further requirements apply under Subpart ZZZZ for these engines.

C. Two diesel-fired generators (ID Nos. A-FC-280-24 and A-FC-280-26):

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Visible emissions	20 percent opacity	15A NCAC 02D .0521
Various	See Section 2.1 C.2	15A NCAC 02D .0524 (40 CFR Part 60, Subpart IIII)
Toxic air pollutants	**State-enforceable only** See Section 2.2 A.1	15A NCAC 02D .1100
Hazardous air pollutants	Comply with NSPS Subpart IIII	15A NCAC 02D .1111 (40 CFR Part 63, Subpart ZZZZ)
Nitrogen oxides	**ID No. A-FC-280-24 only** Less than 40 tons per year See Section 2.2 C.1	15A NCAC 02Q .0317 (PSD Avoidance)
	ID No. A-FC-280-26 only Less than 40 tons per year See Section 2.2 D.1	

1. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from these sources **(ID Nos. A-FC-280-24** and **A-FC-280-26)** shall not be more than 20 percent opacity when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent, not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 C.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for visible emissions from the firing of (list fuels) in these sources **(ID Nos. A-FC-280-24** and **A-FC-280-26)**.

2. 15A NCAC 02D .0524: NEW SOURCE PERFORMANCE STANDARDS

a. For these diesel-fired generators **(ID No. A-FC-280-24** and **A-FC-280-26)**, the Permittee shall comply with all applicable provisions, including the requirements for emission standards, notification, testing, reporting, recordkeeping, and monitoring, contained in Environmental Management Commission Standard 15A NCAC 02D .0524 "New Source Performance Standards (NSPS)" as promulgated in 40 CFR Part 60 Subpart IIII, including Subpart A "General Provisions."

General Provisions [15A NCAC 02Q .0508(f)]

b. Pursuant to 40 CFR 60.4218, the Permittee shall comply with the General Provisions of 40 CFR 60 Subpart A as presented in Table 8 of 40 CFR Part 60, Subpart IIII.

Emission Standards [15A NCAC 02Q .0508(f)]

c. Pursuant to 40 CFR 60.4204(b), the Permittee shall comply with the emission standards for new compression ignition (CI) engines in 40 CFR 60.4201, for all pollutants, for the same model year and maximum engine power for this engine.

Fuel Requirements [15A NCAC 02Q .0508(f)]

d. Beginning October 1, 2010, the Permittee shall use diesel fuel in the engines that meets the following requirements as specified in 40 CFR 80.510(b), except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted:
   i. a maximum sulfur content of 15 ppm; and

ii. a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent
[40 CFR 60.4207(b), and 40 CFR 80.510(b)]

Testing [15A NCAC 02Q .0508(f)]

e. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limits given in Sections 2.1 C.2.c and d above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524.

Compliance Requirements [15A NCAC 02Q .0508(f)]

f. The Permittee shall operate and maintain the engines and control devices in accordance with the manufacturer's written instructions or procedures developed by the Permittee that are approved by the engine manufacturer over the entire life of the engine. The Permittee may only change engine settings that are permitted by the manufacturer. The Permittee shall also meet the requirements of 40 CFR 89, 94 and/or 1068 as applicable. [40 CFR 60.4206 and 60.4211(a)]

g. The Permittee shall comply with the emission standards specified in Section 2.1 C.2.c by purchasing an engine certified to the emission standards in Section 2.1 C.2.c. The engine shall be installed and configured according to the manufacturer's specifications. [40 CFR 60.4211(c)]
The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524 if the requirements in Sections 2.1 C.2.f and g are not met.

Recordkeeping [15A NCAC 02Q .0508(f)]

i. To ensure compliance, the Permittee shall perform inspections and maintenance on the engine as recommended by the manufacturer per 40 CFR 60.4206 and 40 CFR 60.4211(a). The results of inspection and maintenance shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   i. the date and time of each recorded action;
   ii. the results of each inspection;
   iii. the results of any maintenance performed on the engine; and
   iv. any variance from manufacturer's recommendations, if any, and corrections made.
The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

j. The Permittee shall submit a summary report of monitoring and recordkeeping 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 from the requirements of this permit shall be clearly identified.

3. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY

Applicability [40 CFR 63.2231]

a. For these diesel-fired generators **(ID Nos. A-FC-280-24** and **A-FC-280-26)**, the Permittee shall comply with all applicable provisions, including the monitoring, recordkeeping, and reporting contained in Environmental Management Commission Standard 15A NCAC 02D .1111 "Maximum Achievable Control Technology" (MACT) as promulgated in 40 CFR Part 63, Subpart ZZZZ. "National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines."

Stationary RICE subject to Regulations under 40 CFR Part 60 [40 CFR 63.6590(c)]

b. Pursuant to 40 CFR 63.6590(c), the engine shall meet the requirements of 40 CFR Part 63, Subpart ZZZZ and Subpart A by meeting the requirements of 40 CFR Part 60 Subpart IIII. No further requirements apply for these engines under 40 CFR Part 63, Subpart ZZZZ and Subpart A. If the requirements in Section 2.1 C.3.b are not met, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .1111.

D. Engine Test Stands:

- **A-FC-241-06 Diesel or F-24-fired IC engine test stand;**
- **A-FC-280-25 Diesel or F-24-fired IC engine test stand;**
- **A-FC-280-11 Diesel or F-24-fired IC engine test stand;**
- **A-FC-280-12 Diesel or F-24-fired IC engine test stand;**
- **A-FC-280-13 Diesel or F-24-fired IC engine test stand;**
- **A-FC-280-14 Diesel or F-24-fired IC engine test stand;**
- **A-FC-280-23 Diesel or F-24-fired IC engine test stand;**
- **A-HP-1854-10 Diesel or F-24-fired IC engine test stand;**
- **A-MP-138-20 Diesel or F-24-fired IC engine test stand;**
- **A-MP-150-01 Diesel or F-24-fired IC engine test stand;**
- **A-MP-151-01 Diesel or F-24-fired IC engine test stand;**
- **B-A-A47-05 Diesel or F-24-fired IC engine test stand;**
- **C-AS-480-01 Jet engine test stand; and**
- **C-RR-430-03/04 Two diesel-fired IC engine training test stands**

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Sulfur dioxide	2.3 pounds per million Btu heat input	15A NCAC 02D .0516
Toxic air pollutants	**State-enforceable only** See Section 2.2 A.1	15A NCAC 02D .1100
Hazardous air pollutants	No applicable requirements	15A NCAC 02D .1111 (40 CFR Part 63, Subpart PPPPP)
Nitrogen oxides	**ID No. A-FC-280-23 only** Less than 40 tons per year See Section 2.2 C.1	15A NCAC 02Q .0317 (PSD Avoidance)
	ID No. A-FC-280-25 only Less than 40 tons per year See Section 2.2 D.1	

1. 15A NCAC 02D .0516: SULFUR DIOXIDE EMISSIONS FROM COMBUSTION SOURCES

a. Emissions of sulfur dioxide from the sources listed in Section 2.1 D above shall not exceed 2.3 pounds per million Btu heat input. Sulfur dioxide formed by the combustion of sulfur in fuels, wastes, ores, and other substances shall be included when determining compliance with this standard.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 D.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0516.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for sulfur dioxide emissions from the emission sources listed in Section 2.1 D above fired by gasoline, diesel fuel, F-24, or JP-5 fuel.

2. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY

a. The Permittee shall comply with all applicable provisions, including the notification, testing, recordkeeping, and monitoring requirements contained in Environmental Management Commission Standard 15A NCAC 02D .1111 "Maximum Achievable Control Technology" as promulgated in 40 CFR Part 63, Subpart PPPPP, "National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands" for the sources in Section 2.1 D above. [40 CFR 63.9285]

Applicability [40 CFR 63.9290]

b. Pursuant to 40 CFR 63.9290(a), each emission source in Section 2.1 D above is considered to be an "existing affected source." Pursuant to 40 CFR 63.9290(b), existing affected sources do not have to meet the requirements of 40 CFR 63 Subpart PPPPP and Subpart A.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for the sources in Section 2.1 D to demonstrate compliance with 15A NCAC 02D .1111.

E. Paint operations, consisting of:

- **Dry filter paint spray booths (ID Nos. A-FC-280-10, A-FC-286-12, C-AS-518-12, and C-AS-518-13);**
- **Dry filter paint spray booth with steam heated dryer (ID Nos. A-FC-286-13 and A-FC-286-24);**
- **Paint hangar and paint spray booth (ID Nos. C-AS-3900-01N and C-AS-3900-02S);**
- **Dry filter paint spray booth (ID No. C-AS-3900-05);**
- **Paint spray booth (ID No. C-AS-4106-01);**
- **Grinding booth (ID No. C-AS-3900-03) with a cartridge-type filter (ID No. CD-13);**
- **Plastic media blasting system (ID No. C-AS-514-01) with three cartridge filter systems (ID Nos. CD-17-A, CD-17-B, and CD-17-C) in series with a HEPA filter;**
- **Chemical depainting operations (ID No. C-AS-514-02);**
- **All fugitive flush cleaning activities subject to MACT GG (ID No. C-AS-FLUSH);**
- **All hand wipe solvent cleaning activities subject to MACT GG (ID No. C-AS-HAND WIPE);**
- **All fugitive painting operations subject to MACT GG (ID No. C-AS-FUGITIVE-PAINTING); and**
- **All fugitive chemical depainting operations subject to MACT GG (ID No. C-AS-FUGITIVE-DEPAINTING)**

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Particulate emissions	**For paint spray booths only:** $E = 4.10 \times P^{0.67}$ Where: E = allowable particulate emission rate in pounds per hour P = process rate in tons per hour	15A NCAC 02D .0515
Visible emissions	**For paint spray booths and plastic media blasting system only:** 20 percent opacity each	15A NCAC 02D .0521
Particulate emissions	**Abrasive blasting only** Comply with VE limits	15A NCAC 02D .0541
Toxic air pollutants	**State-enforceable only** See Section 2.2 A.1	15A NCAC 02D .1100
Hazardous air pollutants	See Tables 2.1 E-2 through 4	15A NCAC 02D .1111 (40 CFR Part 63, Subpart GG)

1. 15A NCAC 02D .0515: PARTICULATES FROM MISCELLANEOUS INDUSTRIAL PROCESSES

a. Emissions of particulate matter from the paint spray booths listed in Section 2.1 E above shall not exceed an allowable emission rate as calculated by the following equation:

$E = 4.10 \times P^{0.67}$ (for process rates less than or equal to 30 tons per hour), or
$E = 55.0 \times P^{0.11} - 40$ (for process rates greater than 30 tons per hour)

Where E = allowable emission rate in pounds per hour
P = process weight in tons per hour

Liquid and gaseous fuels and combustion air are not considered as part of the process weight.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 E.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0515.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. The Permittee shall maintain production records such that the process rates "P" in tons per hour, as specified by the formulas contained above, can be derived, and shall make these records available to a DAQ authorized representative upon request. The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0515 if the production records are not maintained or the types of materials and finishes are not monitored.

d. No reporting is required for particulate emissions from the paint spray booths listed in Section 2.1 E above.

2. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from the paint spray booths listed in Section 2.1 E above shall not be more than 20 percent opacity each when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent, not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 E.2.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring [15A NCAC 02Q .0508(f)]

c. To ensure compliance, once a month the Permittee shall observe the emission points of each source **(ID Nos. A-FC-286-12**, **A-FC-286-13**, **A-FC-280-10**, **C-AS-514-01**, and **C-AS-3900-03)** for any visible emissions above normal. The monthly observation must be made for each month of the calendar year period to ensure compliance with this requirement. If visible emissions from this/these source(s) are observed to be above normal, the Permittee shall either:
   i. take appropriate action to correct the above-normal emissions as soon as practicable and within the monitoring period and record the action taken as provided in the recordkeeping requirements below, or
   ii. demonstrate that the percent opacity from the emission points of the emission source in accordance with 15A NCAC 02D .2610 (Method 9) for 12 minutes is below the limit given in Section 2.1 E.2.a above.

   The Permittee shall be deemed to be in noncompliance with 15A NCAC 02D .0521 if the required monthly observations are not conducted as required or if the above-normal emissions are not corrected within the monitoring period or the percent opacity demonstration cannot be made.

d. To ensure compliance, once a month the Permittee shall observe the pressure drop readings of the gauge on booths **(ID Nos. C-AS-4106-01**, **C-AS-3900-01N**, **C-AS-3900-02S**, **C-AS-3900-05**, and **C-AS-518-12)**. The system shall not exceed the recommended manufacturer's operating pressure differential. The Permittee shall be deemed to be in noncompliance with 15A NCAC 02D .0521 if the booth operates with a pressure differential that exceeds the filter manufacturer's recommendations.

Recordkeeping [15A NCAC 02Q .0508(f)]

e. The results of the monitoring shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   i. the date and time of each recorded action;
   ii. the results of each observation and/or test noting those sources with emissions that were observed to be in noncompliance along with any corrective actions taken to reduce visible emissions; and
   iii. the results of any corrective actions performed.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

f. The Permittee shall submit a summary report of the monitoring and recordkeeping activities given in Sections 2.1 E.2.d and e above 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 from the requirements of this permit must be clearly identified.

3. 15A NCAC 02D .0541: CONTROL OF EMISSIONS FROM ABRASIVE BLASTING

a. The Permittee shall ensure that the abrasive blasting operations conducted in this source **(ID No. C-AS-514-01)** and vented to the atmosphere comply with the requirements set forth in 15A NCAC 02D .0521 "Control of Visible Emissions" (see Section 2.1 E.2).

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 E.3.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0541.

Monitoring [15A NCAC 02Q .0508(f)]

c. Particulate matter emissions from the plastic media blasting system **(ID No. C-AS-514-01)** shall be controlled by the filter systems **(ID Nos. CD-17-A**, **CD-17-B**, and **CD-17-C)**. To ensure compliance, the Permittee shall perform inspections and maintenance as recommended by the manufacturer. In addition to the manufacturer's inspection and maintenance recommendations, or if there are no manufacturer's inspection and maintenance recommendations, as a minimum, the inspection and maintenance requirement shall include the following:
   i. a monthly visual inspection of the system ductwork and material collection unit for leaks; and
   ii. an annual (for each 12-month period following the initial inspection) internal inspection of the filter systems' structural integrity.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0541 if the ductwork and filter systems are not inspected and maintained.

Recordkeeping [15A NCAC 02Q .0508(f)]

d. The results of inspection and maintenance required by Section 2.1 E.3.c above shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   i. the date and time of each recorded action;
   ii. the results of each inspection;
   iii. the results of any maintenance performed on the filter systems; and
   iv. any variance from manufacturer's recommendations, if any, and corrections made.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0541 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit the results of any maintenance performed on the filter systems **(ID Nos. CD-17-A**, **CD-17-B**, and **CD-17-C)** within 30 days of a written request by the DAQ.

f. The Permittee shall submit a summary report of monitoring and recordkeeping activities required by Sections 2.1 E.3.c and d, above, 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 from the requirements of this permit shall be clearly identified.

4. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY

a. For the sources listed in **Table 2.1 E-1** below, the Permittee shall comply with all applicable provisions, including the monitoring, recordkeeping, and reporting, contained in Environmental Management Commission Standard 15A NCAC 02D .1111 "Maximum Achievable Control Technology" (MACT) as promulgated in 40 CFR Part 63 Subpart GG "National Emission Standards for Aerospace Manufacturing and Rework Facilities" and Subpart A "General Provisions."

b. The requirements of 40 CFR Part 63, Subpart GG do not apply to primers, topcoats, specialty coatings, chemical milling maskants, strippers, and cleaning solvents that meet the definition of non-HAP material. [40 CFR 63.741(f)]
   i. *Non-HAP material* means, for the purposes of this subpart, a primer, topcoat, specialty coating, chemical milling maskant, cleaning solvent, or stripper that contains no more than 0.1 percent by mass of any individual organic HAP that is an Occupational Safety and Health Administration-defined carcinogen as specified in 29 CFR 1910.1200(d)(4) and no more than 1.0 percent by mass for any other individual HAP. [40 CFR 63.742]
   ii. The requirements for primers, topcoats, specialty coatings, and chemical milling maskants in 40 CFR 63.745 and 63.747 do not apply to the use of low-volume coatings in these categories for which the annual total of each separate formulation used at a facility does not exceed 50 gallons, and the combined annual total of all such primers, topcoats, specialty coatings, and chemical milling maskants used at a facility does not exceed 200

gallons. Primers, topcoats, and specialty coatings exempted under Section 2.1 E.4.b, above, and under 40 CFR 63.745(f)(3) and (g)(4) are not included in the annual limits. Chemical milling maskants exempted under 40 CFR 63.747(c)(3) are also not included in these limits. [40 CFR 63.741(g)]

Table 2.1 E-1: Sources subject to MACT Subpart GG

ID No.	Source Description
C-AS-3900-01N C-AS-3900-02S	Paint hangar and paint spray booth
C-AS-4106-01	Paint spray booth
C-AS-3900-05	Dry filter paint spray booth
C-AS-518-12	Dry filter paint spray booth
C-AS-518-13	Dry filter paint spray booth
C-AS-514-01	Plastic media blasting system with three cartridge systems (16,800 square feet of filter area each) each in series with a HEPA filter (ID Nos. CD-17-A, CD-17-B, and CD-17-C)
C-AS-514-02	Chemical depainting operation
C-AS-FLUSH	All flush cleaning activities subject to **MACT GG**
C-AS-HAND WIPE	All hand wipe solvent cleaning activities subject to **MACT GG**
C-AS-FUGITIVE-DEPAINTING	All fugitive chemical depainting operations subject to **MACT GG**
C-AS-FUGITIVE-PAINTING	All fugitive painting operations subject to **MACT GG**

c. In accordance with 40 CFR 63.745(g)(4)(ix), the Permittee shall be allowed to paint aerospace parts in flightline and hangars adjacent to the flightline at Marine Corps Air Station, New River when not technically feasible to paint in a booth.
d. At all times, the Permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the Permittee to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. [40 CFR 63.743(e)]
e. The Permittee shall be deemed in noncompliance with 15A NCAC 02D .1111 if work practice standards, monitoring, and recordkeeping are not conducted in accordance with 40 CFR Part 63 Subpart GG, as summarized in the following tables:

Table 2.1 E-2: Cleaning Operations:	
Standards	1. Must comply with the following requirements unless the cleaning solvent use is identified in Table 1 below or contains HAP and VOC below the de minimis levels specified in 40 CFR 63.741(f). [63.744(a)] Table 1 [40 CFR 63.744] Aqueous – Cleaning solvents in which water is the primary ingredient (greater or equal to 80 percent of cleaning solvent solution as applied must be water). Detergents, surfactants, and bioenzyme mixtures and nutrients may be combined with the water along with a variety of additives such as organic solvents (e.g., high boiling point alcohols), builders, saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents. Aqueous solutions must have a flash point greater than 93 °C (200 °F) (as reported by the manufacturer) and the solution must be miscible with water. Hydrocarbon-based – Cleaners that are composed of photochemically reactive hydrocarbons and oxygenated hydrocarbons and have a maximum vapor pressure 7 mmHg at 20 °C (3.75 in. H_2O at 68 °F). These cleaners also contain no HAP. 2. Place cleaning solvent-laden cloth, paper, or other adsorbent applicators in bags or other closed containers upon completing their use. [63.744(a)(1)] 3. Store cleaning solvents except semi-aqueous in closed containers. [63.744(a)(2)]
	Handwipe 1. Except for cleaning of spray gun equipment, all hand wipe cleaning solvent must meet a composition requirement, as listed in Table 1 (40 CFR 63.744) above, have a composite vapor pressure 45 mmHg at 20 °C, or meet the 60 percent volume reduction requirement specified in an alternative compliance plan. [63.744(b)] 2. Note the list of 13 cleaning operations exempt from composition, vapor pressure, and volume reduction requirements. [63.744(e)]
	Spray Gun Cleaning 1. Use one of the four specified techniques or their equivalent. [63.744(c)] 2. For enclosed spray gun cleaners, if leaks are found during the required monthly inspection, repair as soon as practicable, but within 15 days. [63.744(c)(1)(ii)] 3. If cleaning solvent solutions that contain HAP and VOC below the de minimis levels are used, those cleaning operations using such solutions are exempt from requirements. [63.744(c)]
	Flush Cleaning Operating procedures specify emptying used cleaning solvent into enclosed container, collection system, or system with equivalent emission control. [63.744(d)]
Test Methods and Procedures	Handwipe 1. Composition determination using manufacturer's data. [63.750(a)] 2. Vapor pressure determination using readily available sources such as MSDS if single component; composite vapor pressure determined by manufacturer's supplied data or ASTM E 2260-911 and by equation provided for multiple component solvents. [63.750(b)]
	Spray Gun Cleaning: None Flush Cleaning: None
Monitoring	Handwipe: None Spray Gun Cleaning: Monthly visual leak inspection [63.751(a)] Flush Cleaning: None
Recordkeeping	Handwipe 1. If complying with composition requirements, the name, data/calculations, and annual volumes. [63.752(b)(2)] 2. If complying with vapor pressure limit, the name, vapor pressure, data/calculations/test results, and monthly volumes. [63.752(b)(3)] 3. For noncompliant cleaning solvents used in exempt operations, the name, monthly volumes by operation, and master list of processes. [63.752(b)(4)]
Reporting	Handwipe 1. Semi-annual report: Statement certifying compliance by responsible official. [63.753(b)(1)(v)] 2. Statement that noncompliant cleaning solvents used. [63.753(b)(1)(i)]

Table 2.1 E-2: Cleaning Operations:	
	3. New cleaning solvents and their composite vapor pressure or notification of compliance with composition requirements. [63.753(b)(1)(ii)]
	Spray Gun Cleaning 1. Semi-annual report: Statement certifying compliance by responsible official. [63.753(b)(1)(v)] 2. Statement that noncompliant spray gun cleaning method used. [63.753(b)(1)(iii)] 3. Leaks from enclosed spray gun cleaners not repaired within 15 days. [63.753(b)(1)(iv)]

Table 2.1 E-3: Primer and Topcoat Application Operations:	
Standards	Uncontrolled Primers 1. Organic HAP and VOC content limit: 350 grams per liter (g/L) (2.9 lb/gal less water for HAP; and less water and exempt solvents for VOC) as applied. [63.745(c)(1-2)] 2. Achieve compliance through: (1) using coatings below content limits, or (2) using monthly volume-weighted averaging to meet content limits. [63.745(e)] Uncontrolled Topcoats (including self-priming tools) 3. Organic HAP and VOC content limit: 420 g/L (3.5 lb/gal less water for HAP; and less water and exempt solvents for VOC) as applied. [63.745(c)(3-4)] 4. Achieve compliance through: (1) using coatings below content limits, or (2) using monthly volume-weighted averaging to meet content limits. [63.745(e)] Controlled Primers and Topcoats (including self-priming tools) 5. Control system must reduce organic HAP and VOC emissions to the atmosphere 81 percent or greater, using capture and destruction/removal efficiencies. [63.745(d)] All Primers and Topcoats 6. Minimize spills during handling and transfer. [63.745(b)] 7. Specific application techniques must be used. [63.745(f)(1)] 8. Exemptions from specific application techniques must be used for certain situations. [63.745(f)(3)] 9. All application equipment must be operated according to manufacturer's specifications, company procedures, or locally specified operating procedures (whichever is most stringent). [63.745(f)(2)] 10. Operating requirements for the application of primers or topcoats that contain inorganic HAP, including control with either particulate filters (see Tables 1 through 4 of 63.745) or waterwash system. Painting operation(s) must be shut down if operated outside manufacturer's specified limits. [63.745(g)(1) through (3)] 11. Exemptions from operating requirements for the application of primers or topcoats that contain inorganic HAP, including control with either particulate filters or waterwash system provided for certain applications. [63.745(g)(4)]
Performance Test Periods and Tests	Uncontrolled 1. Performance test period for coatings not averaged: each 24 hour period; for "averaged" coatings each 30-day period. [63.749(d)(1)] Controlled 2. Performance test period for noncarbon adsorber: three 1-hour runs; for carbon adsorber each rolling material balance period. [63.749(d)(1)] 3. Initial performance test required for all control device to demonstrate compliance with overall control efficiency requirement. [63.749(d)(2)]
Test Methods and Procedures	Organic HAP 1. Organic HAP level determination procedures. [63.750(c) and (d)] 2. VOC level determination procedures. [63.750(e) and (f)] 3. Overall control efficiency of carbon adsorber system determined using provided procedures; for other control devices, determine capture efficiency and destruction efficiency. For capture efficiency, use procedure T in Appendix B to 40 CFR 52.741 for total enclosures and 40 CFR 52.741(a)(4)(iii) procedures for all other enclosures. [63.750(g) and (h)] 4. For alternative application methods, first demonstrate emission levels for initial 30-day period or five aircraft using only HVLP or electrostatic, or a time period specified by the permitting agency. Then use alternative application method for period of time necessary to coat equivalent amount of parts

Table 2.1 E-3: Primer and Topcoat Application Operations:	
	with same coatings. Alternative application method may be used when emissions generated during the test period are less than or equal to the emissions generated during the initial 30-day period or live aircraft. Dried film thickness must be within specification for initial 30-day period or five aircraft as demonstrated under actual production conditions. [63.750(i)] <u>Inorganic HAP</u> 5. Dry particulate filter certification; use Method 319 to meet or exceed the efficiency data points in Tables 1 and 2 of 40 CFR 63.745 for existing sources, or Tables 3 and 4 of 40 CFR 63.745 for new sources [63.750(o)]
Monitoring	1. Carbon adsorbers. [63.751(b)(1) through (7)] 2. Temperature monitoring equipment to be installed, calibrated, maintained, and operated according to manufacturer's specifications. Use CEMS as an alternative. [63.751(b)(8)] 3. Incinerators. [63.751(b)(9) through (12)] 4. Dry particulate filters and waterwash systems. [63.751(c)] 5. Alternate monitoring method. [63.751(e)]
Recordkeeping	1. Name and VOC content as received and as applied for all primers and topcoat. [63.752(c)(1)] <u>Uncontrolled</u> 2. For "compliant" coatings, organic HAP and VOC contents as applied, data/calculations and test results used to determine HAP/VOC contents (H_i and G_i), and monthly usage. [63.752(c)(2)] 3. For "low-HAP content" primers, annual purchase records, and data/calculations and test results used to determine H_i or HAP/VOC content as applied. [63.752(c)(3)] 4. For "averaged" coatings, monthly volume-weighted average values of HAP/VOC content (H_a and G_a), and data/calculations and test results to calculate H_a and G_a. [63.752(c)(4)] <u>Controlled</u> 5. For incinerators, overall control efficiency test results/data/calculations used in determining the overall control efficiency; and continuous records of incinerators temperature(s). [63.752(c)(5)] 6. For carbon adsorbers, overall control efficiency and length of rolling period and all supporting test results/data/calculations used in determining the overall control efficiency. [63.752(c)(6)] <u>Inorganic HAP Particulates</u> 7. Pressure drop across filter or water flow rate through waterwash system once per shift, and acceptable limits. [63.752(d)(1) through (3)]
Reporting	<u>Semiannual</u> (six months from the date of notification of compliance status) 1. All instances where organic HAP/VOC limits were exceeded. [63.753(c)(1)(i) and (ii)] 2. Control device exceedances (out-of-compliance). [63.753(c)(1)(iii), (iv), and (v)] 3. Periods when operation not immediately shut down when the pressure drop or water flow rate was outside limits. [63.753(c)(1)(vi)] 4. Statement certifying compliance. [63.753(c)(1)(vii)] <u>Annual</u> (twelve months from the date of notification of compliance status) 5. Number of times the pressure drop or water flow rate limits were exceeded. [63.753(c)(2)]

Table 2.1 E-4: Depainting Operations	
Exemptions	1. Facilities depainting six or fewer completed aerospace vehicles per calendar year. [63.746(a)] 2. Depainting of parts or units normally removed from the plane for depainting (except wings and stabilizers). [63.746(a)(1)] 3. Aerospace vehicles or components intended for public display, no longer operational, and not easily capable of being moved. [63.746(a)(2)] 4. Depainting of radomes and parts, subassemblies, and assemblies normally removed from the primary aircraft before depainting. [63.746(a)(3)]
Standards	1. Zero organic HAP emissions from chemical strippers or softeners. [63.746(b)(1)] 2. Minimize inorganic emissions when equipment malfunctions. [63.746(b)(2)]

Table 2.1 E-4: Depainting Operations	
	3. Facility (average) allowance for spot stripping and decal removal; 26 gallons of strippers or 190 pounds of HAP per commercial aircraft per year; and 50 gallons of strippers or 365 pounds of HAP per military aircraft per year. [63.746(b)(3)] 4. Follow operating requirements for depainting operations generating airborne inorganic HAP. [63.746(b)(4)] 5. Mechanical and hand sanding are exempt from requirements of 40 CFR 63.746(b)(4). [63.746(b)(5)] 6. Control HAP emissions at 81 percent efficiency for systems installed before effective date (September 1, 1995), and 95 percent efficiency for newer systems. [63.746(c)]
Performance Test Periods and Tests	<u>Organic HAP</u> 1. Initial performance test of all control devices is required to demonstrate compliance with overall control efficiency requirement. [63.749(f)(1) through (3)] 2. Performance Test Period for noncarbon adsorber, three 1-hour test runs; for carbon adsorber each rolling material balance period. [63.749(f)(1)] 3. Test period for spot stripping and decal removal usage limits: each calendar year. [63.749(f)(1)] <u>Inorganic HAP</u> 4. Operating requirements specified in 40 CFR 63.746(b)(4) and 63.749(g) [63.746(b)(4), 63.749(g)]
Test Methods and Procedures	<u>Organic HAP</u> 1. Overall control efficiency of carbon adsorber system may be determined using specified procedures and equations 9 through 14; for other control devices, must determine capture and destruction efficiencies (use equations 15 through 18 to calculate overall control efficiency). For capture efficiency, use Procedure T in Appendix B to 40 CFR 52.741 for total enclosures and 40 CFR 52.741(a)(4)(iii) procedures for all other enclosures. [63.750(g) and (h)] 2. Spot stripping and decal removal: Procedures are provided for determining volume of chemical strippers (equation 20) or weight of organic HAP used per aircraft (equation 21). [63.750(j)] <u>Inorganic HAP</u> Dry particulate filter certification: use Method 319 to meet or exceed the efficiency data points in Tables 1 and 2 to 40 CFR 63.745 for existing sources or Tables 3 and 4 of 40 CFR 63.745 for new sources [63.750(o)]
Monitoring	Continuously monitor the pressure drop across filters, or the water flow rate through the waterwash system and read and record the pressure drop, or the water flow rate for waterwash system, once per shift. [63.751(d)]
Recordkeeping	1. Name and monthly volumes of each chemical stripper used or monthly weight of organic HAP used in chemical strippers. [63.752(e)(1)] 2. For controlled chemical strippers (carbon adsorber), overall control efficiency and length of rolling period and all supporting test results/data/calculations; certification of the accuracy of the device. [63.752(e)(2)] 3. For controlled chemical strippers (other control devices), overall control efficiency and supporting test results/data/calculations. [63.752(e)(3)] 4. List of parts/assemblies normally removed. [63.752(e)(4)] 5. For nonchemical based equipment, name and type, and malfunction information including dates, description, and alternative methods used. [63.752(e)(5)] 6. For spot stripping and decal removal, volume of stripper or weight or organic HAP used, annual number of aircraft stripped, annual average volume or weight per aircraft, and all data/calculations used to calculate volume or weight per aircraft. [63.752(e)(6)] 7. Pressure drop across filter or the visual continuity of the water curtain and water flow rate for waterwash systems, once per shift and include acceptable limits. [63.752(e)(7)]
Reporting	<u>Semiannual</u> (6 months from the date of notification of compliance status) 1. 24-hour periods where organic HAP were emitted from depainting operations. [63.753(d)(1)(i)] 2. New/reformulated chemical strippers and HAP contents. [63.753(d)(1)(ii), (iii), and (iv)] 3. New nonchemical depainting techniques. [63.753(d)(1)(v)] 4. Malfunction information or nonchemical depainting techniques including dates, description, and alternative methods used. [63.753(d)(1)(vi)] 5. Periods when operation not immediately shut down when the pressure drop or water flow rate was outside limits. [63.753(d)(1)(vii)]

Table 2.1 E-4: Depainting Operations	
	6. List of new/discontinued aircraft models and, for new models, list of parts normally removed for depainting. [63.753(d)(1)(viii)] 7. Organic HAP control device exceedances. [63.753(d)(3)] 8. Statement certifying compliance. [63.753(d)(1)(ix)] <u>Annual</u> (12 months from the date of notification of compliance status) 9. Exceedances of average annual volume or weight allowance for spot stripping and decal removal. [63.753(d)(2)(i)] 10. Number of times the pressure drop or water flow rate limits were exceeded. [63.753(d)(2)(ii)]

Table 2.1 E-5: Maskant Operations	
Standards	Minimize spills during handling and transfer. [63.747(b)] <u>Uncontrolled Maskants</u> 1. Organic HAP emissions: ≤622 g/L (5.2 lb/gal) (less water) as applied for Type I; ≤ 160 g/L (1.3 lb/gal) (less water) as applied for Type II. [63.747(c)(1)] 2. VOC emissions: ≤622 g/L (5.2 lb/gal) (less water and exempt solvents) as applied for Type I, ≤ 160 g/L (1.3 lb/gal) (less water and exempt solvents) as applied for Type II. [63.747(c)(2)] 3. Exemption for touch-up of scratched surface, damaged maskant, and trimmed edge. [63.747(c)(3)] 4. Comply by either: (1) using maskants below content limits, or (2) using monthly volume-weighted averaging provisions described in 40 CFR 63.743(d). [63.747(e)] <u>Controlled Maskants</u> 5. If control device is used, system must capture and control all emissions from maskant operations and must achieve an overall control efficiency of at least 81%. [63.747(d)]
Performance Test Periods and Tests	<u>Uncontrolled</u> 1. Performance Test Period for maskants that are not averaged, each 24-hour period; for maskants that are averaged, each 30-day period (unless otherwise specified). [63.749(h)(1)] <u>Controlled</u> 2. Performance Test Period for noncarbon adsorber, three 1-hour test runs; for carbon adsorbers, each rolling material balance period. [63.749(h)(1)] 3. Initial performance test required for all control devices to demonstrate compliance with overall control efficiency requirement. [63.749(h)(2)]
Test Methods and Procedures	1. Organic HAP level determination procedures. [63.750(k) and (l)] 2. VOC level determination procedures. [63.750(m) and (n)] 3. Overall control efficiency of carbon adsorber system determined using specified procedures and equations 9 through 14; for other control devices, determine capture and destruction efficiencies (use equations 15 through 18 to calculate overall control efficiency). For capture efficiency, use Procedure T in Appendix B to 40 CFR 52.741 for total enclosures and 40 CFR 52.741(a)(4)(iii) procedures for all other enclosures. [63.750(g) and (h)]
Monitoring	Incinerators and carbon adsorbers: temperature sensors with continuous reorders for incinerators; and install, calibrate, maintain, and operate temperature monitors according to manufacturer's specifications. Use CEMS as an alternative. [63.751(b)]
Recordkeeping	<u>Uncontrolled Maskants</u> 1. For maskants not averaged, mass of organic HAP and VOC emitted per unit volume of chemical milling maskant (less water for HAP; and less water and exempt solvents for VOC) (H_i and G_i); all data, calculations, and test results; monthly volumes of each maskant. [63.752(f)(1)] 2. For "averaged" maskants, monthly volume-weighted average mass of organic HAP or VOC emitted per unit volume of chemical milling maskant as applied (less water for HAP; and less water and exempt solvents for VOC) (H_a and G_a); all data, calculations, and test results. [63.752(f)(2)]

Table 2.1 E-5: Maskant Operations	
	Controlled Maskants 3. For carbon adsorbers, overall control efficiency and length of rolling period and all supporting test results/data/calculations used in determining the overall control efficiency; certification of the accuracy of the device that measures the amount of HAP or VOC recovered. [63.752(f)(3)] 4. For incinerators, overall control efficiency, test results, data, and calculations used in determining the overall control efficiency; length of rolling material balance period with data and calculations; record of certification of the accuracy of the device that measures amount of HAP or VOC recovered; or record of carbon replacement time for nonregenerative carbon adsorbers; and incinerator temperature(s). [63.752(f)(4)]
Reporting	Semiannual (6 months from the date of notification of compliance status) 1. Exceedances or organic HAP/VOC limits. [63.753(e)(1) and (2)] 2. Control device exceedances (out of compliance). [63.753(e)(3)] 3. New maskants. [63.753(e)(4)] 4. New control devices. [63.753(e)(5)] 5. Statement certifying compliance. [63.753(e)(6)]

F. Woodworking operation (ID No. A-HP-915-06) with cartridge-type filter system (ID No. CD-15A); Woodworking operation (ID No. A-HP-1202-02) with simple cyclone (ID No. CD-03); and Woodworking operation (ID No. A-HP-1202-04) with simple cyclone (ID No. CD-04)

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Particulate emissions	Adequate ductwork and properly designed collectors	15A NCAC 02D .0512
Visible emissions	20 percent opacity	15A NCAC 02D .0521

1. 15A NCAC 02D .0512: PARTICULATES FROM MISCELLANEOUS WOOD PRODUCTS FINISHING PLANTS

a. The Permittee shall not cause, allow, or permit particulate matter caused by the working, sanding, or finishing of wood to be discharged from any stack, vent, or building into the atmosphere without providing, as a minimum for its collection, adequate duct work and properly designed collectors. In no case shall the ambient air quality standards be exceeded beyond the property line.

Monitoring [15A NCAC 02Q .0508(f)]

b. Particulate matter emissions from these sources **(ID Nos. A-HP-915-06**, **A-HP-1202-02**, and **A-HP-1202-04)** shall be controlled as described in Section 2.1 F above. To ensure compliance, the Permittee shall perform inspections and maintenance as recommended by the manufacturer, if any. As a minimum, the inspection and maintenance program shall include:
   i. monthly external inspection of the ductwork and cyclones, noting the structural integrity; and
   ii. annual (for each 12-month period following the initial inspection) internal inspection of the cartridge filter system **(ID No. CD-15A)**, noting the structural integrity and the condition of the filters.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0512 if the ductwork, cyclones and/or bagfilters are not inspected and maintained.

Recordkeeping [15A NCAC 02Q .0508(f)]

c. The results of inspection and maintenance shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   i. the date and time of each recorded action;
   ii. the results of each inspection; and
   iii. the results of maintenance performed on any control device.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0512 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

d. The Permittee shall submit the results of any maintenance performed on any control device within 30 days of a written request by the DAQ.

e. The Permittee shall submit a summary report of the monitoring and recordkeeping activities given in Sections 2.1 F.1.b and c above 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 from the requirements of this permit must be clearly identified.

2. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from the woodworking operations **(ID Nos. A-HP-915-06**, **A-HP-1202-02**, and **A-HP-1202-04)** shall not be more than 20 percent opacity when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent, not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 F.2.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring [15A NCAC 02Q .0508(f)]

c. To ensure compliance, once a month the Permittee shall observe the emission points of each source for any visible emissions above normal. The monthly observation must be made for each month/week of the calendar year period to ensure compliance with this requirement. If visible emissions from this source are observed to be above normal, the Permittee shall either:
   i. take appropriate action to correct the above-normal emissions as soon as practicable and within the monitoring period and record the action taken as provided in the recordkeeping requirements below, or
   ii. demonstrate that the percent opacity from the emission points of the emission source in accordance with 15A NCAC 02D .2610 (Method 9) for 12 minutes is below the limit given in Section 2.1 F.2.a above.

   The Permittee shall be deemed to be in noncompliance with 15A NCAC 02D .0521 if the required monthly/weekly observations are not conducted as required or if the above-normal emissions are not corrected within the monitoring period or the percent opacity demonstration cannot be made.

Recordkeeping [15A NCAC 02Q .0508(f)]

d. The results of the monitoring shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   i. the date and time of each recorded action;
   ii. the results of each observation and/or test noting those sources with emissions that were observed to be in noncompliance along with any corrective actions taken to reduce visible emissions; and
   iii. the results of any corrective actions performed.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit a summary report of the monitoring and recordkeeping activities given in Sections 2.1 F.2.c and d above 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 from the requirements of this permit must be clearly identified.

G. One abrasive blasting operation (ID No. A-FC-286-11) with fabric filter (ID No. CD-08)

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Visible emissions	20 percent opacity	15A NCAC 02D .0521
Particulate emissions	Comply with visible emissions limits	15A NCAC 02D .0541

1. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from this source **(ID No. A-FC-286-11)** shall not be more than 20 percent opacity when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent, not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 G.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring [15A NCAC 02Q .0508(f)]

c. To ensure compliance, once a month/week the Permittee shall observe the emission points of this source for any visible emissions above normal. The monthly observation must be made for each month/week of the calendar year period to ensure compliance with this requirement. If visible emissions from this/these source(s) are observed to be above normal, the Permittee shall either:
   i. take appropriate action to correct the above-normal emissions as soon as practicable and within the monitoring period and record the action taken as provided in the recordkeeping requirements below, or
   ii. demonstrate that the percent opacity from the emission points of the emission source in accordance with 15A NCAC 02D .2610 (Method 9) for 12 minutes is below the limit given in Section 2.1 G.1.a above.

   The Permittee shall be deemed to be in noncompliance with 15A NCAC 02D .0521 if the required monthly/weekly observations are not conducted as required or if the above-normal emissions are not corrected within the monitoring period or the percent opacity demonstration cannot be made.

Recordkeeping [15A NCAC 02Q .0508(f)]

d. The results of the monitoring shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   i. the date and time of each recorded action;
   ii. the results of each observation and/or test noting those sources with emissions that were observed to be in noncompliance along with any corrective actions taken to reduce visible emissions; and
   iii. the results of any corrective actions performed.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit a summary report of the monitoring and recordkeeping activities given in Sections 2.1 G.1.c and d above 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 from the requirements of this permit must be clearly identified.

2. 15A NCAC 02D .0541: CONTROL OF EMISSIONS FROM ABRASIVE BLASTING

a. The Permittee shall ensure that the abrasive blasting operations conducted in this source **(ID No. A-FC-286-11)** and vented to the atmosphere comply with the requirements set forth in 15A NCAC 02D .0521 “Control of Visible Emissions” (see Section 2.1 G.1 above).

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 G.2.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0541.

Monitoring [15A NCAC 02Q .0508(f)]

c. Particulate matter emissions from this source **(ID No. A-FC-286-11)** shall be controlled by the fabric filter **(ID No. CD-08)**. To ensure compliance, the Permittee shall perform inspections and maintenance as recommended by the manufacturer. In addition to the manufacturer's inspection and maintenance recommendations, or if there are no manufacturer's inspection and maintenance recommendations, as a minimum, the inspection and maintenance requirement shall include the following:
   i. a monthly visual inspection of the system ductwork and material collection unit for leaks; and
   ii. an annual (for each 12-month period following the initial inspection) internal inspection of the filter systems' structural integrity.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0541 if the ductwork and filter are not inspected and maintained.

Recordkeeping [15A NCAC 02Q .0508(f)]

d. The results of inspection and maintenance required by Section 2.1 G.2.c above shall be maintained in a logbook (written or electronic format) on-site and made available to an authorized representative upon request. The logbook shall record the following:
   i. the date and time of each recorded action;
   ii. the results of each inspection;
   iii. the results of any maintenance performed on the filter systems; and
   iv. any variance from manufacturer's recommendations, if any, and corrections made.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0541 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit a summary report of monitoring and recordkeeping activities required by Sections 2.1 G.2.c and d, above, 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 from the requirements of this permit shall be clearly identified.

H. One municipal solid waste landfill (ID No. A-HP-982-01) (active)

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
-	Design capacity of less than 2.5 million megagrams and 2.5 million cubic meters	15A NCAC 02D .0524 (40 CFR 60, Subpart XXX)
Toxic air pollutants	**State-enforceable only** See Section 2.2 A.1	15A NCAC 02D .1100
Hazardous air pollutants	Design capacity of less than 2.5 million megagrams and 2.5 million cubic meters	15A NCAC 02D .1111 (40 CFR 63, Subpart AAAA)

1. 15A NCAC 02D .0524: NEW SOURCE PERFORMANCE STANDARDS

a. The Permittee shall comply with all applicable provisions, including the notification, testing, recordkeeping, and monitoring requirements contained in Environmental Management Commission Standard 15A NCAC 02D .0524 "New Source Performance Standards" (NSPS) as promulgated in 40 CFR Part 60, Subpart XXX, including Subpart A "General Provisions." [15A NCAC 02D .0524]

Standards for Air Emissions from Municipal Solid Waste Landfills [40 CFR 60.762, 15A NCAC 02Q .0508(b)]

b. Each owner or operator of an MSW landfill having a capacity less than 2.5 million megagrams by mass or 2.5 million cubic meters by volume shall submit an initial design capacity report to the Administrator as provided in Section 2.1 H.1.d.ii below. The landfill owner or operator may calculate design capacity in either megagrams or cubic meters for comparison with the exemption values. Any density conversions shall be documented and submitted with the report. Submittal of the initial design capacity report fulfills the requirements of this subpart except as provided for in Sections 2.1 H.1.b.i and ii below.
   i. The owner or operator shall submit to the Administrator an amended design capacity report, as provided for in Section 2.1 H.1.d.iii below.
   ii. When an increase in the maximum design capacity of a landfill exempted from the provisions of 40 CFR 60.762(b) through 60.769 on the basis of the design capacity exemption in Section 2.1 H.1.b above results in a maximum design capacity equal to or greater than 2.5 million megagrams and 2.5 million cubic meters, the owner or operator shall comply with 40 CFR 60.762(b).

Monitoring/Recordkeeping/Reporting [40 CFR 60.762, 767, and 768, and 15A NCAC 02Q .0508(f)]

c. Landfill owners or operators who convert design capacity from volume to mass or mass to volume to demonstrate that landfill design capacity is less than 2.5 million megagrams or 2.5 million cubic meters, as provided in the definition of "design capacity" in 40 CFR 60.761, shall keep readily accessible, on-site records of the annual recalculation of site-specific density, design capacity, and the supporting documentation. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable.

d. *Design capacity report.* Each owner or operator subject to the requirements of this subpart shall submit an initial design capacity report to the Administrator.
   i. *Submission*. The initial design capacity report fulfills the requirements of the notification of the date construction is commenced as required by 40 CFR 60.7(a)(1) and must be submitted no later than:
      (A) November 28, 2016, for landfills that commenced construction, modification, or reconstruction after July 17, 2014 but before August 29, 2016; or
      (B) Ninety days after the date of commenced construction, modification, or reconstruction for landfills that commence construction, modification, or reconstruction after August 29, 2016.
   ii. *Initial design capacity report.* The initial design capacity report shall contain the following information:
      (A) A map or plot of the landfill, providing the size and location of the landfill, and identifying all areas where solid waste may be landfilled according to the permit issued by the state, local, or tribal agency responsible for regulating the landfill.
      (B) The maximum design capacity of the landfill. Where the maximum design capacity is specified in the permit issued by the state, local, or tribal agency responsible for regulating the landfill, a copy of the permit specifying the maximum design capacity may be submitted as part of the report. If the maximum design capacity of the landfill is not specified in the permit, the maximum design capacity shall be calculated using good engineering practices. The calculations shall be provided, along with the relevant parameters as part of the report. The landfill owner or operator may calculate design capacity in either megagrams or

cubic meters for comparison with the exemption values. If the owner or operator chooses to convert the design capacity from volume to mass or from mass to volume to demonstrate its design capacity is less than 2.5 million megagrams or 2.5 million cubic meters, the calculation shall include a site-specific density, which shall be recalculated annually. Any density conversions shall be documented and submitted with the design capacity report. The state, tribal, local agency or Administrator may request other reasonable information as may be necessary to verify the maximum design capacity of the landfill.

(C) *Amended design capacity report*. An amended design capacity report shall be submitted to the Administrator providing notification of an increase in the design capacity of the landfill, within 90 days of an increase in the maximum design capacity of the landfill to meet or exceed 2.5 million megagrams and 2.5 million cubic meters. This increase in design capacity may result in an increase in the permitted volume of the landfill or an increase in the density as documented in the annual recalculation required in 40 CFR 60.768(f).

The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0524 if the above requirements are not met.

2. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY

a. For the facility's active municipal solid waste landfill site **(ID No. A-HP-982-01)** The Permittee shall comply with all applicable provisions contained in Environmental Management Commission Standard 15A NCAC 02D .1111, "Maximum Achievable Control Technology" (MACT) as promulgated in 40 CFR Part 63, Subpart AAAA, including Subpart A, "General Provisions."
b. Any alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping, or reporting provisions that have already been approved under 40 CFR 60, Subpart WWW; Subpart XXX; a federal plan; or an EPA-approved and effective state or tribal plan, can be used to comply with this Subpart.
c. The Permittee shall meet the requirements of this Subpart. The requirements of this Subpart apply at all times, including during periods of SSM. The SSM requirements of the General Provisions 40 CFR Part 63 do not apply. [40 CFR 63.1930(b)]
d. At all times, the Permittee shall operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the Permittee to make any further efforts to reduce emissions if the requirements of this Subpart have been achieved. Determination of whether a source is operating in compliance with operation and maintenance requirements will be based on information available to the DAQ which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.1955(c)]

Recordkeeping [15A NCAC 02Q .0508(f), 40 CFR 63.1981(a) and (b)]

e. *Initial design capacity report*. The initial design capacity report shall contain the information specified in Sections 2.1 H.2.e.(1) and (2) below, except beginning no later than September 28, 2021, the report shall contain:
(1) A map or plot of the landfill, providing the size and location of the landfill, and identifying all areas where solid waste may be landfilled according to the permit issued by the state, local, or tribal agency responsible for regulating the landfill.
(2) The maximum design capacity of the landfill. Where the maximum design capacity is specified in the permit issued by the state, local, or tribal agency responsible for regulating the landfill, a copy of the permit specifying the maximum design capacity may be submitted as part of the report. If the maximum design capacity of the landfill is not specified in the permit, the maximum design capacity shall be calculated using good engineering practices. The calculations shall be provided, along with the relevant parameters as part of the report. The landfill may calculate design capacity in either Mg or m^3 for comparison with the exemption values. If the owner or operator chooses to convert the design capacity from volume to mass or from mass to volume to demonstrate its design capacity is less than 2.5 million Mg or 2.5 million m^3, the calculation shall include a site-specific density, which shall be recalculated annually. Any density conversions shall be documented and submitted with the design capacity report. The state, tribal, local agency or Administrator may request other reasonable information as may be necessary to verify the maximum design capacity of the landfill.
f. *Amended design capacity report.* An amended design capacity report shall be submitted to the Administrator providing notification of an increase in the design capacity of the landfill, within 90 days of an increase in the maximum design capacity of the landfill to meet or exceed 2.5 million Mg and 2.5 million m^3. This increase in design capacity may result from an increase in the permitted volume of the landfill or an increase in the density as documented in the annual recalculation required in Section 2.1 H.2.h below.

g. Any records required to be maintained by this Subpart that are submitted electronically via the EPA's CEDRI may be maintained in an electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to the DAQ or the EPA as part of an on-site compliance evaluation.

Reporting [15A NCAC 02Q .0508(f), 40 CFR 63.1983(f)]

h. Landfill owners or operators who convert design capacity from volume to mass or mass to volume to demonstrate that landfill design capacity is less than 2.5 million Mg or 2.5 million m^3, as provided in the definition of "design capacity," shall keep readily accessible, on-site records of the annual recalculation of site-specific density, design capacity, and the supporting documentation. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable.

i. The Permittee shall submit reports electronically according to Section 2.1 H.2.i.i below:
   i. The Permittee shall submit reports to the EPA via CEDRI. CEDRI can be accessed through the EPA's CDX. The Permittee shall use the appropriate electronic report in CEDRI for this Subpart or an alternate electronic file format consistent with the XML schema listed on CEDRI website (https://www.epa.gov/electronic-reporting-air-emissions/compliance-and-emissions-data-reporting-interface-cedri). Once the spreadsheet template upload/forms for the reports have been available in CEDRI for 90 days, the Permittee shall begin submitted all subsequent reports via CEDRI. The reports shall be submitted by the deadlines specified in this Subpart, regardless of the method in which the reports are submitted. The NMOC emission rate reports, semi-annual reports, and bioreactor 40-percent moisture reports should be electronically reported as a spreadsheet template upload/form to CEDRI. If the reporting forms specific to this Subpart are not available in CEDRI at the time that the reports are due, the Permittee shall submit the reports to the Administrator at the appropriate address listed in 40 CFR 63.13.

I. Tactical generators located at the Marine Corps Engineer School (used for instructional purposes only, each diesel or F-24-fired, each with less than 282 horsepower) (ID No. B-BB-241-01)

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Sulfur dioxide	2.3 pounds per million Btu heat input	15A NCAC 02D .0516
Visible emissions	20 percent opacity	15A NCAC 02D .0521
NO_x + NMHC, CO, and PM	No requirements	15A NCAC 02D .0524 (40 CFR Part 60, Subpart IIII)
Hazardous air pollutants	No requirements	15A NCAC 02D .1111 (40 CFR Part 63, Subpart ZZZZ)
Nitrogen oxides, particulate matter, sulfur dioxide, carbon monoxide, and volatile organic compounds	Limit total engine operating time to less than 51,753 hours per consecutive 12-month period.	15A NCAC 02Q .0317 (PSD Avoidance)

1. 15A NCAC 02D .0516: SULFUR DIOXIDE EMISSIONS FROM COMBUSTION SOURCES

a. Emissions of sulfur dioxide from this source **(ID No. B-BB-241-01)** shall not exceed 2.3 pounds per million Btu heat input. Sulfur dioxide formed by the combustion of sulfur in fuels, wastes, ores, and other substances shall be included when determining compliance with this standard.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 I.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0516.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for sulfur dioxide emissions from the firing of diesel or F-24 fuel in this source **(ID No. B-BB-241-01)**.

2. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from this source **(ID No. B-BB-241-01)** shall not be more than 20 percent opacity when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 I.2.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for visible emissions from the firing of diesel or F-24 fuel in this source **(ID No. B-BB-241-01)**.

3. 15A NCAC 02D .0524: NEW SOURCE PERFORMANCE STANDARDS

Applicability [40 CFR 60.4200]

a. For tactical generators at the Marine Corps Engineer School **(ID No. B-BB-241-01**); i.e. stationary CI RICE exempt as described in 40 CFR Part 1068, Subpart C), the Permittee shall comply with all applicable provisions, including the requirements for emission standards, notification, testing, reporting, record keeping, and monitoring, contained in Environmental Management Commission Standard 15A NCAC 02D .0524 “New Source Performance Standards” (NSPS) as promulgated in 40 CFR Part 60 Subpart IIII, including Subpart A “General Provisions.”

b. Pursuant to 40 CFR 60.4200(d), this source **(ID No. B-BB-241-01)** is exempt from the requirements of 40 CFR Part 60, Subpart IIII.

4. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY

Applicability [40 CFR 63.6585]

a. For the tactical generators at the Marine Corps Engineer School **(ID No. B-BB-241-01)**; i.e. stationary RICE used for national security purposes, the Permittee shall comply with all applicable provisions, including the monitoring, recordkeeping, and reporting contained in Environmental Management Commission Standard 15A NCAC 02D .1111 "Maximum Achievable Control Technology" (MACT) as promulgated in 40 CFR Part 63, Subpart ZZZZ, "National Emissions Standards for Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines."

b. Pursuant to 40 CFR 63.6585(e), this source **(ID No. B-BB-241-01)** is exempt from the requirements of 40 CFR Part 63, Subpart ZZZZ.

5. 15A NCAC 02Q .0317: AVOIDANCE CONDITIONS for
15A NCAC 02D .0530: PREVENTION OF SIGNIFICANT DETERIORATION

a. In order to avoid applicability of this regulation, the Marine Corps Engineer School **(ID No. B-BB-241-01)** shall discharge into the atmosphere less than the following:
   i. 25 tons of particulate matter (PM);
   ii. 15 tons of PM_{10};
   iii. 10 tons of $PM_{2.5}$;
   iv. 40 tons of sulfur dioxide;
   v. 40 tons of nitrogen oxides;
   vi. 100 tons of carbon monoxide; and
   vii. 40 tons of volatile organic compounds (VOC).

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 I.5.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Operating Restrictions [15A NCAC 02Q .0508(f)]

c. In order to demonstrate compliance with the limits in Section 2.1 I.5.a above, the Permittee shall operate the Marine Corps Engineer School **(B-BB-241-01)** such that the total engine operating time of all engines in the School is less than 51,753 hours per consecutive 12-month period. If the total engine operating time of all engines in the School exceeds this limit, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Monitoring/Recordkeeping [15A NCAC 02Q .0508(f)]

d. The Permittee shall keep a record (written or electronic format) of the total engine operating time of all engines in the Marine Corps Engineer School **(ID No. B-BB-241-01)**. At the end of each calendar month, the Permittee shall calculate:
   i. the monthly total engine operating time for that month; and
   ii. the rolling 12-month total engine operating time for the 12-month period ending on that month.
   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530 if these monitoring requirements are not met.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit a semi-annual summary report, acceptable to the Regional Air Quality Supervisor, of the monitoring and recordkeeping activities required by Section 2.1 I.5.d above 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. The report shall contain the monthly and rolling 12-month total hours of engine operating time over the previous 17 months.

J. Outboard motor testing tanks:

- **A-FC-285-01 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**
- **B-A-A69-01 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**
- **B-BA-134-02 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**
- **B-BB-A72-03 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**
- **B-BB-A72-04 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**
- **B-BB-A72-05 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**
- **B-BB-241-02 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**
- **C-RR-430-01 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank; and**
- **C-RR-430-02 Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tank;**

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Sulfur dioxide	2.3 pounds per million Btu heat input	15A NCAC 02D .0516
Visible emissions	20 percent opacity	15A NCAC 02D .0521
Nitrogen oxides	**ID Nos. C-RR-430-01 and C-RR-430-02 only** Less than 40 tons per year See Section 2.2 B.1	15A NCAC 02Q .0317 (PSD Avoidance)

1. 15A NCAC 02D .0516: SULFUR DIOXIDE EMISSIONS FROM COMBUSTION SOURCES

a. Emissions of sulfur dioxide from the sources listed in Section 2.1 J above shall not exceed 2.3 pounds per million Btu heat input. Sulfur dioxide formed by the combustion of sulfur in fuels, wastes, ores, and other substances shall be included when determining compliance with this standard.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 J.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0516.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for sulfur dioxide emissions when burning diesel, gasoline, JP-5, and/or F-24 fuel in these sources.

2. 15A NCAC 02D .0521: CONTROL OF VISIBLE EMISSIONS

a. Visible emissions from the sources listed in Section 2.1 J above shall not be more than 20 percent opacity when averaged over a six-minute period. However, six-minute averaging periods may exceed 20 percent, not more than once in any hour and not more than four times in any 24-hour period. In no event shall the six-minute average exceed 87 percent opacity.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.1 J.2.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0521.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0508(f)]

c. No monitoring/recordkeeping/reporting is required for visible emissions when burning diesel, gasoline, JP-5, and/or F-24 fuel in these sources.

K. Site remediation activities (ID Nos. A-REMED, B-REMED, and C-REMED)

The following table provides a summary of limits and standards for the emission source(s) described above:

Pollutant	Limits/Standards	Applicable Regulation
Hazardous air pollutants	Recordkeeping	15A NCAC 02D .1111 (40 CFR Part 63, Subpart GGGGG)

1. 15A NCAC 02D .1111: MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY

a. For the site remediation systems listed above, the Permittee shall comply with all applicable provisions, including the monitoring, recordkeeping, and reporting contained in Environmental Management Commission Standard 15A NCAC 02D .1111 "Maximum Achievable Control Technology" (MACT) as promulgated in 40 CFR Part 63, Subpart GGGGG "National Emission Standards for Hazardous Air Pollutants: Site Remediation." [40 CFR 63.7881]

Definitions and Nomenclature

b. For the purpose of this permit condition, the definitions and nomenclature contained in 40 CFR 63.7957 shall apply.

General Provisions

c. The Permittee shall comply with the requirements of 40 CFR Part 63 Subpart A "General Provisions" according to the applicability of Subpart A to such sources, as identified in Table 3 of 40 CFR Part 63, Subpart GGGGG.

Recordkeeping [15A NCAC 02Q .0508(f)]

d. The Permittee shall prepare and maintain at the facility written documentation to support the determination that the total HAP quantity in the facility's remediation materials for the year is less than 1 Mg. The documentation shall include a description of the methodology and data used for determining the total HAP content of the remediation material.

2.2 Multiple Emission Source(s) Specific Limitations and Conditions

A. Facility-wide Emission Sources

State-enforceable only

1. 15A NCAC 02D .1100: CONTROL OF TOXIC AIR POLLUTANTS

a. Pursuant to 15A NCAC 02D .1100 and in accordance with the approved application (Application No. 6700011.11C) for an air toxics compliance demonstration, the permit limits in Attachment A to this permit, excluding sources subject to a rule under 40 CFR Part 63 (e.g., Subpart ZZZZ), shall not be exceeded.

Monitoring/Recordkeeping/Reporting [15A NCAC 02Q .0308(a)]

b. No monitoring, recordkeeping, or reporting is required.

State-enforceable only

2. 15A NCAC 02D .1100: CONTROL OF TOXIC AIR POLLUTANTS

Applicability

a. These sources are subject to 15A NCAC 02D .1100 "Control of Toxic Air Pollutants" but have not been considered in an evaluation pursuant to 15A NCAC 02Q .0706 "Modifications."

b. The Division shall notify the Permittee 60 days prior to reopening the permit, if necessary, to establish emission limitations, monitoring, recordkeeping, or reporting necessary to ensure compliance with 15A NCAC 02D .1100. [NCGS 143-215.108(c)]

B. The following sources subject to PSD Avoidance requirements:

Table 2.2 B-1: Generators and Test Stands Subject to PSD Avoidance:

C-RR-134-01	Diesel-fired Emergency Generator (400 kW) (591 hp)
C-RR-400-05	Diesel-fired emergency generator (1250 kW) (1848 hp)
C-RR-425-01	Diesel-fired Emergency Generator (400 kW)
C-RR-430-01	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tanks (55 HP)
C-RR-430-02	Diesel, gasoline, JP-5, or F-24-fired outboard motor testing tanks (55 HP)
C-RR-430-05	Diesel-fired Emergency Generator (600 kW)
C-RR-440-01	Diesel-fired emergency generator (200 kW) (311 hp)
A-HP-24C-01	Diesel-fired Emergency Generator (150 kW)

1. 15A NCAC 02Q .0317: AVOIDANCE CONDITIONS for
15A NCAC 02D .0530: PREVENTION OF SIGNIFICANT DETERIORATION

a. In order to avoid applicability of 15A NCAC 02D .0530(g) for major sources and major modifications, the sources in Table 2.2 B-1 shall discharge into the atmosphere less than 40 tons of nitrogen oxides total, per consecutive 12-month period.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.2 B.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Operating Restrictions [15A NCAC 02Q .0508(f)]

c. In order to ensure compliance with the above avoidance limit, the following operation limits shall apply:
   i. the Permittee shall limit the operation of the emergency generators in Table 2.2 B-1 to less than 350 hours per consecutive 12-month period, each; and
   ii. the Permittee shall limit the operation of the two outboard motor testing tanks **(ID Nos. C-RR-430-01** and **C-RR-430-02)** to less than 180 hours per consecutive 12-month period, each.

   If the Permittee operates these sources greater than the hours per consecutive 12-month period in Section 2.2 B.1.c, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Recordkeeping Requirements [15A NCAC 02Q .0508(f)]

d. In order to ensure the enforceability of the operational limits set forth above, the Permittee shall maintain the following records:
   i. the hours of the operation of each source listed in Table 2.2 B-1.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530 if these records are not maintained.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit a summary report of the recordkeeping 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 from the requirements of this permit shall be clearly identified. The report shall contain the following:
   i. the monthly hours of operation for each source listed in Table 2.2 B-1 for the previous 17 months;
   ii. the total hours of operation for each source listed in Table 2.2 B-1 calculated for each of the 12-month periods over the previous 17 months;
   iii. the total monthly nitrogen oxide emissions from the sources listed in Table 2.2 B-1 for the previous 17 months; and
   iv. the total nitrogen oxide emissions from the sources listed in Table 2.2 B-1 calculated for each of the 12-month periods over the previous 17 months.

C. The following sources subject to PSD Avoidance requirements: One diesel/F-24-fired internal combustion engine test stand (ID No. A-FC-280-23); and One diesel-fired generator (ID No. A-FC-280-24)

1. 15A NCAC 02Q .0317: AVOIDANCE CONDITIONS for 15A NCAC 02D .0530: PREVENTION OF SIGNIFICANT DETERIORATION

a. In order to avoid applicability of 15A NCAC 02D .0530(g) for major sources and major modifications, these emission sources **(ID Nos. A-FC-280-23** and **A-FC-280-24)** shall discharge into the atmosphere less than 40 tons of nitrogen oxides per consecutive 12-month period.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.2 C.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Operating Restrictions [15A NCAC 02Q .0508(f)]

c. The Permittee shall operate each source no more than 3,016 hours per consecutive 12-month period. If the Permittee operates these sources greater than 3,016 hours per consecutive 12-month period, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Monitoring/Recordkeeping [15A NCAC 02Q .0508(f)]

d. The Permittee shall measure and record (written or electronic format), on a monthly basis:
   i. the monthly and rolling 12-month total number of hours of operation of each of these sources **(ID Nos. A-FC-280-23** and **A-FC-280-24)**.
   ii. the monthly and rolling 12-month total actual nitrogen oxide emissions from each of these sources **(ID Nos. A-FC-280-23** and **A-FC-280-24)**.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530 if these monitoring requirements are not met.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit a semi-annual summary report, acceptable to the Regional Air Quality Supervisor, of the monitoring and recordkeeping activities given in Section 2.2 C.1.d above 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. The report shall contain the following:
   i. The monthly and rolling 12-month total hours of operation for each source over the previous 17 months; and
   ii. The monthly and rolling 12-month total nitrogen oxide emissions for the previous 17 months.

D. The following sources subject to PSD Avoidance requirements: One diesel/F-24-fired turbine engine test stand (ID No. A-FC-280-25); and One diesel-fired generator (ID No. A-FC-280-26)

1. 15A NCAC 02Q .0317: AVOIDANCE CONDITIONS for 15A NCAC 02D .0530: PREVENTION OF SIGNIFICANT DETERIORATION

a. In order to avoid applicability of 15A NCAC 02D .0530(g) for major sources and major modifications, these emissions sources **(ID Nos. A-FC-280-25** and **A-FC-280-26)** shall discharge into the atmosphere less than 40 tons of nitrogen oxides per consecutive 12-month period.

Testing [15A NCAC 02Q .0508(f)]

b. If emissions testing is required, the testing shall be performed in accordance with General Condition JJ. If the results of this test are above the limit given in Section 2.2 D.1.a above, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Operating Restrictions [15A NCAC 02Q .0508(f)]

c. The Permittee shall operate each of these emissions sources **(ID Nos. A-FC-280-25** and **A-FC-280-26)** no more than 500 hours per consecutive 12-month period. If the Permittee operates any of these sources greater than 500 hours per consecutive 12-month period, the Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530.

Monitoring/Recordkeeping [15A NCAC 02Q .0508(f)]

d. The Permittee shall measure and record (written or electronic format), on a monthly basis:
   i. the monthly and rolling 12-month total number of hours of operation of each of these emissions sources **(ID Nos. A-FC-280-25** and **A-FC-280-26)**; and
   ii. the monthly and rolling 12-month total actual nitrogen oxide emissions from each of these emissions sources **(ID Nos. A-FC-280-25** and **A-FC-280-26)**.

   The Permittee shall be deemed in noncompliance with 15A NCAC 02D .0530 if these monitoring requirements are not met.

Reporting [15A NCAC 02Q .0508(f)]

e. The Permittee shall submit a semi-annual summary report, acceptable to the Regional Air Quality Supervisor, of the monitoring and recordkeeping activities required by Section 2.2 D.1.d above 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. The report shall contain the following:
   i. The monthly and rolling 12-month total hours of operation for each source over the previous 17 months; and
   ii. The monthly and rolling 12-month total nitrogen oxide emissions for the previous 17 months.

SECTION 3 - INSIGNIFICANT ACTIVITIES PER 15A NCAC 02Q .0503(8)

Emission Source ID No.	Emission Source Description[1,2]
Storage Tanks	
I-A-AST-DIESEL	37 storage tanks (diesel, AST) located in Zone A
I-A-HP-972-01A	One above-ground diesel storage tank equipped with an internal floating roof and vertical fixed roof (60,000 gallons maximum capacity)
I-A-AST-F24	7 storage tanks (F-24, AST) located in Zone A
I-A-AST-FUELOIL	9 storage tanks (fuel oil, AST) located in Zone A
I-A-AST-GAS	15 storage tanks (gasoline, AST) located in Zone A
I-A-UST-GAS	15 storage tanks (gasoline, UST) located in Zone A
I-A-UST-DIESEL	2 storage tanks (diesel, UST) located in Zone A
I-B-AST-DIESEL	1 storage tank (diesel, AST) located in Zone B
I-B-AST-F24	1 storage tank (F-24, AST) located in Zone B
I-B-AST-FUELOIL	2 storage tanks (fuel oil, AST) located in Zone B
I-B-UST-GAS	3 storage tanks (gasoline, UST) located in Zone B
I-C-AST-DIESEL	27 storage tanks (diesel, AST) located in Zone C
I-C-AST-F24	4 storage tanks (F-24, AST) located in Zone C
I-C-AST-FUELOIL	2 storage tanks (fuel oil, AST) located in Zone C
I-C-AST-GAS	7 storage tanks (gasoline, AST) located in Zone C
I-C-AST-JP5	12 storage tanks (JP-5, AST) located in Zone C
I-C-UST-GAS	2 storage tanks (gasoline, UST) located in Zone C
I-C-UST-JP5	6 storage tanks (JP-5, UST) located in Zone C
I-D-AST-DIESEL	2 storage tanks (diesel, AST) located in Zone D
I-D-AST-F24	1 storage tank (F-24, AST) located in Zone D

Emission Source ID No.	Emission Source Description[1,2]
Welding	
I-A-FC-100-07	Welding
I-A-FC-143-02	Welding
I-A-FC-200-05	Welding
I-A-FC-286-10	Welding
I-A-FC-286-14	Welding
I-A-FC-286-15	Welding
I-A-FC-441-01	Welding
I-A-HP-1202-06	Welding
I-A-HP-1202-10	Welding
I-A-HP-1249-05A	Welding
I-A-HP-1502-10	Welding
I-A-HP-1765-02	Welding
I-A-HP-1829-01	Welding
I-A-HP-1854-11	Welding

Emission Source ID No.	Emission Source Description[1,2]
Welding	
I-A-NH-100-13	Welding
I-B-A-A47-06	Welding
I-C-RR-467-01	Welding
I-B-BB-51-04	Welding
I-B-BB-362-10	Welding
I-C-AS-114-02	Welding
I-C-AS-122-01	Welding
I-C-AS-516/518-03	Welding
I-C-AS-4135-02	Welding
I-C-AS-516-04	Welding
I-C-AS-4158-01	Welding
I-C-AS-518-01	Welding
I-C-RR-430-03	Welding
I-C-RR-462-01	Welding
I-D-SR-54-01	Welding

Emission Source ID No.	Emission Source Description[1,2]
Parts Cleaners	
I-A-DEGR-ZONE-A	Parts cleaners, non-aqueous
I-A-PNTGNCLNR-ZONE-A	Parts cleaners, enclosed paint gun cleaner
I-B-DEGR-ZONE-B	Parts cleaners, non-aqueous
I-C-DEGR-ZONE-C	Parts cleaners, non-aqueous
I-C-PNTGNCLNR-ZONE-C	Parts cleaners, enclosed paint gun cleaner

Emission Source ID No.	Emission Source Description[1,2]
Paint Booths	
I-A-HP-1016-01	Paint booth
I-C-AS-255-01	Paint booth
I-C-AS-265-01	Paint booth
I-C-AS-4135-07, I-C-AS-4135-08	Dry filter paint spray booth with natural gas-fired make up air heater rated at 1.2 million Btu per hour
I-C-AS-4146-10, I-C-AS-4146-11	Dry filter paint spray booth with natural gas-fired make up air heater rated at 1.2 million Btu per hour

Emission Source ID No.	Emission Source Description[1,2]
Fuel Dispensing	
I-A-DISP-DIESEL	Consolidated Fuel Dispensing – Diesel, Zone A
I-A-DISP-E85	Consolidated Fuel Dispensing – E85, Zone A
I-A-DISP-GAS	Consolidated Fuel Dispensing – Gasoline, Zone A
I-A-DISP-F24	Consolidated Fuel Dispensing – F-24, Zone A
I-B-DISP-DIESEL	Consolidated Fuel Dispensing – Diesel, Zone B

Emission Source ID No.	Emission Source Description[1,2]
Fuel Dispensing	
I-B-DISP-GAS	Consolidated Fuel Dispensing – Gasoline, Zone B
I-B-DISP-F24	Consolidated Fuel Dispensing – F-24, Zone B
I-C-DISP-DIESEL	Consolidated Fuel Dispensing – Diesel, Zone C
I-C-DISP-GAS	Consolidated Fuel Dispensing – Gasoline, Zone C
I-C-DISP-JP5	Consolidated Fuel Dispensing – JP-5, Zone C
I-C-DISP-F24	Consolidated Fuel Dispensing – F-24, Zone C

Emission Source ID No.	Emission Source Description[1,2]
Small Boilers and Water Heaters	
I-A-BL-NG **[MACT DDDDD]**	30 small natural gas-fired boilers located in Zone A (each less than 11.6 million Btu per hour heat input)
I-A-BL-P	1 small propane/LPG-fired boiler located in Zone A (each less than 7.99 million Btu per hour heat input)
I-A-WH-NG	738 small natural gas-fired water heaters located in Zone A (each less than 11.6 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)
I-A-WH-OIL	6 small No. 2 fuel oil-fired water heaters located in Zone A (each less than 7.87 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)
I-A-WH-P	2 small propane/LPG-fired water heaters located in Zone A (each less than 7.99 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)
I-B-BL-NG **[MACT DDDDD]**	11 small natural gas-fired boilers located in Zone B (each less than 11.6 million Btu per hour heat input)
I-B-BL-OIL	2 small No. 2 fuel oil-fired boilers located in Zone B (each less than 7.87 million Btu per hour heat input)
I-B-BL-P	1 small propane/LPG-fired boiler located in Zone B (each less than 7.99 million Btu per hour heat input)
I-B-WH-NG	25 small natural gas-fired water heaters located in Zone B (each less than 11.6 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)
I-B-WH-OIL	3 small No. 2 fuel oil-fired water heaters located in Zone B (each less than 7.87 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)
I-B-WH-P	2 small propane/LPG-fired water heaters located in Zone B (each less than 7.99 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)
I-C-BL-NG **[MACT DDDDD]**	7 small natural gas-fired boilers located in Zone C (each less than 11.6 million Btu per hour heat input)
I-C-BL-OIL	1 small fuel oil-fired boiler located in Zone C (each less than 7.87 million Btu per hour heat input)
I-C-BL-P	11 small propane/LPG-fired boiler located in Zone C (each less than 7.99 million Btu per hour heat input)
I-C-WH-NG	303 small natural gas-fired water heaters located in Zone C (each less than 11.6 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)
I-C-WH-P	75 small propane/LPG-fired water heaters located in Zone C (each less than 7.99 million Btu per hour heat input and meeting the definition of "hot water heater" in 40 CFR 63.7575)

Emission Source ID No.	Emission Source Description[1,2]
Small Boilers and Water Heaters	
I-C-WH-OIL	6 small No. 2 fuel oil-fired water heaters located in Zone C (each less than 7.87 million Btu per hour heat input and meeting the definition of "hot water boiler" in 40 CFR 63.7575)

Emission Source ID No.	Emission Source Description[1,2]
Emergency-use Engines	
I-A-EGEN-NEW **[MACT ZZZZ, NSPS IIII]**	99 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone A and subject to NSPS Subpart IIII (each less than 893 horsepower)
I-A-EGEN-EX **[MACT ZZZZ]**	100 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone A and not subject to NSPS Subpart IIII (each less than 893 horsepower)
I-A-FC-442-03A **[MACT ZZZZ, NSPS IIII]**	Diesel-fired emergency generator (1,528 horsepower)
I-A-FC-443-02A **[MACT ZZZZ, NSPS IIII]**	Diesel-fired emergency generator (1,207 horsepower)
I-A-FC-445-02A **[MACT ZZZZ, NSPS IIII]**	Diesel-fired emergency generator (1,207 horsepower)
I-B-EGEN-NEW **[MACT ZZZZ, NSPS IIII]**	11 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone B and subject to NSPS Subpart IIII (each less than 893 horsepower)
I-B-EGEN-EX **[MACT ZZZZ]**	10 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone B and not subject to NSPS Subpart IIII (each less than 893 horsepower)
I-C-AS-SAS120L-01 **[MACT ZZZZ, NSPS JJJJ]**	Natural gas-fired emergency generator (60 horsepower)
I-A-MP-RS27-01 **[MACT ZZZZ, NSPS JJJJ]**	Natural gas-fired emergency generator (1,468 horsepower)
I-A-MP-RS27-02 **[MACT ZZZZ, NSPS JJJJ]**	Natural gas-fired emergency generator (1,468 horsepower)
I-A-MP-RS27-03 **[MACT ZZZZ, NSPS JJJJ]**	Natural gas-fired emergency generator (1,468 horsepower)
I-A-MP-RS27-04 **[MACT ZZZZ, NSPS JJJJ]**	Natural gas-fired emergency generator (1,468 horsepower)
I-A-MP-RS27-05 **[MACT ZZZZ, NSPS JJJJ]**	Natural gas-fired emergency generator (1,468 horsepower)
I-C-AS-256-02 **[MACT ZZZZ, NSPS IIII]**	Diesel-fired emergency generator (1,214 horsepower)
I-C-EGEN-NEW **[MACT ZZZZ, NSPS IIII]**	39 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone C and subject to NSPS Subpart IIII (each less than 893 horsepower)
I-C-EGEN-EX **[MACT ZZZZ]**	58 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone C and not subject to NSPS Subpart IIII (each less than 893 horsepower)
I-D-EGEN-NEW **[MACT ZZZZ, NSPS IIII]**	4 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone D and subject to NSPS Subpart IIII (each less than 893 horsepower)
I-D-EGEN-EX **[MACT ZZZZ]**	3 small diesel-fired emergency-use reciprocating internal combustion engines located in Zone D and not subject to NSPS Subpart IIII (each less than 893 horsepower)
I-C-AS-4040-03 **[MACT ZZZZ, NSPS IIII]**	1 emergency-use diesel-fired internal combustion engine located in Building AS4040 and subject to NSPS Subpart IIII (900 horsepower)

Emission Source ID No.	Emission Source Description[1,2]
Emergency-use Engines	
I-A-HP-01-05 **[MACT ZZZZ, NSPS IIII]**	1 emergency-use diesel-fired internal combustion engine located in Zone A and subject to NSPS Subpart IIII (909 horsepower)

Emission Source ID No.	Emission Source Description[1,2]
Miscellaneous	
I-A-FC-286-16	Dry ice blasting cleaning operation
I-A-FC-440-01	Wastewater treatment facility
I-A-FC-SFC553A-01	Undercoat tent
I-A-HP-1016-02	Woodworking operation
I-A-HP-1249-06	Grinding
I-A-HP-20-03	Lime storage
I-A-HP-670-01	Lime storage
I-A-HP-670-02	Lime storage
I-A-HP-84-02	Screen printing
I-A-PG-978-01	Diesel-fired expended ordnance deformer (80 hp)
I-A-PG-978-02	Propane-fired safety certification unit (16 hp propane-fired generator with propane burner)
I-A-PG-978-03	Diesel-fired expended ordnance deformer (80 hp)
I-A-PG-978-04	Propane-fired safety certification unit (16 hp propane-fired generator with propane burner)
I-B-BB-A72-06	Boat repair/patch operations
I-C-AS-265-02	Epoxy Curing Bench
I-C-AS-3900-04	Epoxy Curing Bench/Table
I-C-AS-4106-02	Temporary sanding operation with portable dust collectors
I-C-AS-514-03	Closed-loop water treatment system
I-C-AS-514-04	Natural gas-fired pressure washer
I-C-AS-514-05	Natural gas-fired pressure washer
I-C-AS-255-02	Epoxy Curing Bench/Table
I-C-AS-518-14	Natural gas-fired direct contact heater (2.646 million Btu per hour heat input capacity)
I-C-CG-51a-01	Woodworking operations
I-C-RR-149-01	Woodworking operations
I-C-RR-480-01	Woodworking operations
I-WC-S770-01	Portable incinerator for Law Enforcement
I-A-HP-TP-446-01	Fire Training Exercises Located in Zone A
I-C-AS-3625-05	Fire Training Exercises Located in Zone C
I-A-FC-18-01	Municipal solid waste landfill, closed (884,982 ton capacity)

[1] Because an activity is insignificant does not mean that the activity is exempted from an applicable requirement (Federal or State) or that the Permittee is exempted from demonstrating compliance with any applicable requirement.

[2] When applicable, emissions from stationary source activities identified above shall be included in determining compliance with the permit requirements for toxic air pollutants under 15A NCAC 02D .1100 “Control of Toxic Air Pollutants” or 02Q .0711 “Emission Rates Requiring a Permit.”

SECTION 4 - GENERAL CONDITIONS (version 8.0, 07/10/2024)

This section describes terms and conditions applicable to this Title V facility.

A. **General Provisions** [NCGS 143-215 and 15A NCAC 02Q .0508(i)(16)]
1. Terms not otherwise defined in this permit shall have the meaning assigned to such terms as defined in 15A NCAC 02D and 02Q.
2. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to NCGS 143-215.114A and 143-215.114B, including assessment of civil and/or criminal penalties. Any unauthorized deviation from the conditions of this permit may constitute grounds for revocation and/or enforcement action by the DAQ.
3. This permit is not a waiver of or approval of any other Department permits that may be required for other aspects of the facility which are not addressed in this permit.
4. This permit does not relieve the Permittee from liability for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted facility, or from penalties therefore, nor does it allow the Permittee to cause pollution in contravention of state laws or rules, unless specifically authorized by an order from the North Carolina Environmental Management Commission.
5. Except as identified as state-only requirements in this permit, all terms and conditions contained herein shall be enforceable by the DAQ, the EPA, and citizens of the United States as defined in the Federal Clean Air Act.
6. Any stationary source of air pollution shall not be operated, maintained, or modified without the appropriate and valid permits issued by the DAQ, unless the source is exempted by rule. The DAQ may issue a permit only after it receives reasonable assurance that the installation will not cause air pollution in violation of any of the applicable requirements. A permitted installation may only be operated, maintained, constructed, expanded, or modified in a manner that is consistent with the terms of this permit.

B. **Permit Availability** [15A NCAC 02Q .0507(k) and .0508(i)(9)(B)]
The Permittee shall have available at the facility a copy of this permit and shall retain for the duration of the permit term one complete copy of the application(s) and any information submitted in support of the application package. The permit and application shall be made available to an authorized representative of the Department of Environmental Quality upon request.

C. **Severability Clause** [15A NCAC 02Q .0508(i)(2)]
In the event of an administrative challenge to a final and binding permit in which a condition is held to be invalid, the provisions in this permit are severable so that all requirements contained in the permit, except those held to be invalid, shall remain valid and must be complied with.

D. **Submissions** [15A NCAC 02Q .0507(e) and 02Q .0508(i)(16)]
Except as otherwise specified herein, one copy of all documents, reports, test data, monitoring data, notifications, request for renewal, and any other information required by this permit shall be submitted to the appropriate Regional Office. Refer to the Regional Office address on the cover page of this permit. For continuous emissions monitoring systems (CEMS) reports, continuous opacity monitoring systems (COMS) reports, quality assurance (QA)/quality control (QC) reports, acid rain CEM certification reports, and NOx budget CEM certification reports, one copy shall be sent to the appropriate Regional Office and one copy shall be sent to:

Supervisor, Stationary Source Compliance
North Carolina Division of Air Quality
1641 Mail Service Center
Raleigh, NC 27699-1641

All submittals shall include the facility name and Facility ID number (refer to the cover page of this permit).

E. **Duty to Comply** [15A NCAC 02Q .0508(i)(3)]
The Permittee shall comply with all terms, conditions, requirements, limitations and restrictions set forth in this permit. Noncompliance with any permit condition except conditions identified as state-only requirements constitutes a violation of the Federal Clean Air Act. 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.

F. **Circumvention** - STATE ENFORCEABLE ONLY
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 pollution control device(s) and appurtenances.

G. **Title V Permit Modifications**
1. Administrative Permit Amendments [15A NCAC 02Q .0514]
The Permittee shall submit an application for an administrative permit amendment in accordance with 15A NCAC 02Q .0514.
2. Transfer in Ownership or Operation and Application Submittal Content [15A NCAC 02Q .0524 and 02Q .0505]
The Permittee shall submit an application for an ownership change in accordance with 15A NCAC 02Q.0524 and 02Q .0505.
3. Minor Permit Modifications [15A NCAC 02Q .0515]
The Permittee shall submit an application for a minor permit modification in accordance with 15A NCAC 02Q .0515.
4. Significant Permit Modifications [15A NCAC 02Q .0516]
The Permittee shall submit an application for a significant permit modification in accordance with 15A NCAC 02Q .0516.
5. Reopening for Cause [15A NCAC 02Q .0517]
The Permittee shall submit an application for reopening for cause in accordance with 15A NCAC 02Q .0517.

H. **Changes Not Requiring Permit Modifications**
1. Reporting Requirements [15A NCAC 02Q .0508(f)]
Any of the following that would result in new or increased emissions from the emission source(s) listed in Section 1 must be reported to the Regional Supervisor, DAQ:
   a. changes in the information submitted in the application;
   b. changes that modify equipment or processes; 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.
2. Section 502(b)(10) Changes [15A NCAC 02Q .0523(a)]
   a. "Section 502(b)(10) changes" means changes that contravene an express permit term or condition. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements.
   b. The Permittee may make Section 502(b)(10) changes without having the permit revised if:
      i. the changes are not a modification under Title I of the Federal Clean Air Act;
      ii. the changes do not cause the allowable emissions under the permit to be exceeded;
      iii. the Permittee notifies the Director and EPA with written notification at least seven days before the change is made; and
      iv. the Permittee shall attach the notice to the relevant permit.
   c. The written notification shall include:
      i. a description of the change;
      ii. the date on which the change will occur;
      iii. any change in emissions; and
      iv. any permit term or condition that is no longer applicable as a result of the change.
   d. Section 502(b)(10) changes shall be made in the permit the next time that the permit is revised or renewed, whichever comes first.
3. Off Permit Changes [15A NCAC 02Q .0523(b)]
The Permittee may make changes in the operation or emissions without revising the permit if:
   a. the change affects only insignificant activities and the activities remain insignificant after the change; or
   b. the change is not covered under any applicable requirement.
4. Emissions Trading [15A NCAC 02Q .0523(c)]
To the extent that emissions trading is allowed under 15A NCAC 02D, including subsequently adopted maximum achievable control technology standards, emissions trading shall be allowed without permit revision pursuant to 15A NCAC 02Q .0523(c).

I.A **Reporting Requirements for Excess Emissions** [15A NCAC 02D .0535(f) and 02Q .0508(f)(2)]

1. "Excess Emissions" - means an emission rate that exceeds any applicable emission limitation or standard allowed by any rule in Sections .0500, .0900, .1200, or .1400 of Subchapter 02D; or by a permit condition; or that exceeds an emission limit established in a permit issued under 15A NCAC 02Q .0700. *(Note: Definitions of excess emissions under 02D .1110 and 02D .1111 shall apply where defined by rule.)*
2. If a source is required to report excess emissions under NSPS (15A NCAC 02D .0524), NESHAPS (15A NCAC 02D .1110 or .1111), or the operating permit provides for periodic (e.g., quarterly) reporting of excess emissions, reporting shall be performed as prescribed therein.
3. If the source is not subject to NSPS (15A NCAC 02D .0524), NESHAPS (15A NCAC 02D .1110 or .1111), or these rules do NOT define "excess emissions," the Permittee shall report excess emissions in accordance with 15A NCAC 02D .0535 as follows:
   a. Pursuant to 15A NCAC 02D .0535, if excess emissions last for more than four hours resulting from a malfunction, a breakdown of process or control equipment, or any other abnormal condition, the owner or operator shall:
      i. notify the Regional Supervisor or Director 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 provide:
         - name and location of the facility;
         - nature and cause of the malfunction or breakdown;
         - time when the malfunction or breakdown is first observed;
         - expected duration; and
         - estimated rate of emissions;
      ii. notify the Regional Supervisor or Director immediately when corrective measures have been accomplished; and
      iii. submit to the Regional Supervisor or Director within 15 days a written report as described in 15A NCAC 02D .0535(f)(3).

I.B **Reporting Requirements for Permit Deviations** [15A NCAC 02D .0535(f) and 02Q .0508(f)(2)]

1. "Permit Deviations" - for the purposes of this condition, any action or condition not in accordance with the terms and conditions of this permit including those attributable to upset conditions as well as excess emissions as defined above lasting less than four hours.
2. Pursuant to 15A NCAC 02Q .0508(f)(2), the Permittee shall report deviations from permit requirements (terms and conditions) quarterly by notifying the Regional Supervisor or Director of all other deviations from permit requirements not covered under 15A NCAC 02D .0535. A written report to the Regional Supervisor shall include the probable cause of such deviation and any corrective actions or preventative actions taken. The responsible official shall certify all deviations from permit requirements.

I.C **Other Requirements under 15A NCAC 02D .0535**

The Permittee shall comply with all other applicable requirements contained in 15A NCAC 02D .0535, including 15A NCAC 02D .0535(c) as follows:

1. Any excess emissions that do not occur during start-up and shut-down shall be considered a violation of the appropriate rule unless the owner or operator of the sources demonstrates to the Director that the excess emissions are a result of a malfunction. The Director shall consider, along with any other pertinent information, the criteria contained in 15A NCAC 02D .0535(c)(1) through (7).
2. 15A NCAC 02D .0535(g). Excess emissions during start-up and shut-down shall be considered a violation of the appropriate rule if the owner or operator cannot demonstrate that excess emissions are unavoidable.

J. **RESERVED**

K. **Permit Renewal** [15A NCAC 02Q .0508(e) and 02Q .0513(b)]

This 15A NCAC 02Q .0500 permit is issued for a fixed term not to exceed five years and shall expire at the end of its term. Permit expiration terminates the facility's right to operate unless a complete 15A NCAC 02Q .0500 renewal application is submitted at least six months before the date of permit expiration. If the Permittee or applicant has complied with 15A NCAC 02Q .0512(b)(1), this 15A NCAC 02Q .0500 permit shall not expire until the renewal permit has been issued or denied. Permit expiration under 15A NCAC 02Q .0400 terminates the facility's right to operate unless a complete 15A NCAC 02Q .0400 renewal application is submitted at least six months before the date of permit expiration for facilities subject to 15A NCAC 02Q .0400 requirements. In either of these events, all terms and conditions of these permits shall remain in effect until the renewal permits have been issued or denied.

L. **Need to Halt or Reduce Activity Not a Defense** [15A NCAC 02Q .0508(i)(4)]
It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

M. **Duty to Provide Information (submittal of information)** [15A NCAC 02Q .0508(i)(9)]
1. The Permittee shall furnish to the DAQ, in a timely manner, any reasonable information that the Director may request in **writing** to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.
2. The Permittee shall furnish the DAQ copies of records required to be kept by the permit when such copies are requested by the Director. For information claimed to be confidential, the Permittee may furnish such records directly to the EPA upon request along with a claim of confidentiality.

N. **Duty to Supplement** [15A NCAC 02Q .0507(f)]
The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the DAQ. The Permittee shall also provide additional information as necessary to address any requirement that becomes applicable to the facility after the date a complete permit application was submitted but prior to the release of the draft permit.

O. **Retention of Records** [15A NCAC 02Q .0508(f) and 02Q .0508(l)]
The Permittee shall retain records of all required monitoring data and supporting information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring information, and copies of all reports required by the permit. These records shall be maintained in a form suitable and readily available for expeditious inspection and review. Any records required by the conditions of this permit shall be kept on site and made available to DAQ personnel for inspection upon request.

P. **Compliance Certification** [15A NCAC 02Q .0508(n)]
The Permittee shall submit to the DAQ and the EPA (Air Enforcement Branch, EPA, Region 4, 61 Forsyth Street SW, Atlanta, GA 30303 or through the EPA CEDRI) postmarked on or before March 1 a compliance certification (for the preceding calendar year) by a responsible official with all terms and conditions in the permit (including emissions limitations, standards, or work practices), except for conditions identified as being State-enforceable Only. It shall be the responsibility of the current owner to submit a compliance certification for the entire year regardless of who owned the facility during the year. The compliance certification shall comply with additional requirements as may be specified under Sections 114(a)(3) or 504(b) of the Federal Clean Air Act. The compliance certification shall specify:
1. the identification of each term or condition of the permit that is the basis of the certification;
2. the compliance status (with the terms and conditions of the permit for the period covered by the certification);
3. whether compliance was continuous or intermittent;
4. the method(s) used for determining the compliance status of the source during the certification period;
5. each deviation and take it into account in the compliance certification; and
6. as possible exceptions to compliance, any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 (CAM) occurred.

Q. **Certification by Responsible Official** [15A NCAC 02Q .0520]
A responsible official shall certify the truth, accuracy, and completeness of any application form, report, or compliance certification required by this permit. All certifications shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

R. **Permit Shield for Applicable Requirements** [15A NCAC 02Q .0512]
1. Compliance with the terms and conditions of this permit shall be deemed compliance with applicable requirements, where such applicable requirements are included and specifically identified in the permit as of the date of permit issuance.
2. A permit shield shall not alter or affect:
   a. the power of the Commission, Secretary of the Department, or Governor under NCGS 143-215.3(a)(12), or EPA under Section 303 of the Federal Clean Air Act;
   b. the liability of an owner or operator of a facility for any violation of applicable requirements prior to the effective date of the permit or at the time of permit issuance;
   c. the applicable requirements under Title IV; or

d. the ability of the Director or the EPA under Section 114 of the Federal Clean Air Act to obtain information to determine compliance of the facility with its permit.

3. A permit shield does not apply to any change made at a facility that does not require a permit or permit revision made under 15A NCAC 02Q .0523.
4. A permit shield does not extend to minor permit modifications made under 15A NCAC 02Q .0515.

S. **Termination, Modification, and Revocation of the Permit** [15A NCAC 02Q .0519]
The Director may terminate, modify, or revoke and reissue this permit if:
1. the information contained in the application or presented in support thereof is determined to be incorrect;
2. the conditions under which the permit or permit renewal was granted have changed;
3. violations of conditions contained in the permit have occurred;
4. the EPA requests that the permit be revoked under 40 CFR 70.7(g) or 70.8(d); or
5. the Director finds that termination, modification, or revocation and reissuance of the permit is necessary to carry out the purpose of NCGS Chapter 143, Article 21B.

T. **Insignificant Activities** [15A NCAC 02Q .0503]
Because an emission source or activity is insignificant does not mean that the emission source or activity is exempted from any applicable requirement or that the owner or operator of the source is exempted from demonstrating compliance with any applicable requirement. The Permittee shall have available at the facility at all times and made available to an authorized representative upon request, documentation, including calculations, if necessary, to demonstrate that an emission source or activity is insignificant.

U. **Property Rights** [15A NCAC 02Q .0508(i)(8)]
This permit does not convey any property rights in either real or personal property or any exclusive privileges.

V. **Inspection and Entry** [15A NCAC 02Q .0508(l) and NCGS 143-215.3(a)(2)]
1. Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow the DAQ, or an authorized representative, to perform the following:
   a. enter the Permittee's premises where the permitted facility is located or emissions related activity is conducted, or where records are kept under the conditions of the permit;
   b. have access to and copy, at reasonable times, any records that are required to be kept under the conditions of the permit;
   c. inspect at reasonable times and using reasonable safety practices any source, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
   d. sample or monitor substances or parameters, using reasonable safety practices, for the purpose of assuring compliance with the permit or applicable requirements at reasonable times.

   Nothing in this condition shall limit the ability of the EPA to inspect or enter the premises of the Permittee under Section 114 or other provisions of the Federal Clean Air Act.
2. No person shall refuse entry or access to any authorized representative of the DAQ who requests entry for purposes of inspection, and who presents appropriate credentials, nor shall any person obstruct, hamper, or interfere with any such authorized 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.

W. **Annual Fee Payment** [15A NCAC 02Q .0508(i)(10)]
1. The Permittee shall pay all fees in accordance with 15A NCAC 02Q .0200.
2. Payment of fees may be by check or money order made payable to the N.C. Department of Environmental Quality. Annual permit fee payments shall refer to the permit number.
3. If, within 30 days after being billed, the Permittee fails to pay an annual fee, the Director may initiate action to terminate the permit under 15A NCAC 02Q .0519.

X. **Annual Emission Inventory Requirements** [15A NCAC 02Q .0207]
The Permittee shall report by **June 30 of each year** the actual emissions of each air pollutant listed in 15A NCAC 02Q .0207(a) from each emission source within the facility during the previous calendar year. The report shall be in or on such form as may be established by the Director. The accuracy of the report shall be certified by a responsible official of the facility.

Y. **Confidential Information** [15A NCAC 02Q .0107 and 02Q .0508(i)(9)]
Whenever the Permittee submits information under a claim of confidentiality pursuant to 15A NCAC 02Q .0107, the Permittee may also submit a copy of all such information and claim directly to the EPA upon request. All requests for confidentiality must be in accordance with 15A NCAC 02Q .0107.

Z. **Construction and Operation Permits** [15A NCAC 02Q .0100 and .0300]
A construction and operating permit shall be obtained by the Permittee for any proposed new or modified facility or emission source which is not exempted from having a permit prior to the beginning of construction or modification, in accordance with all applicable provisions of 15A NCAC 02Q .0100 and .0300.

AA. **Standard Application Form and Required Information** [15A NCAC 02Q .0505 and .0507]
The Permittee shall submit applications and required information in accordance with the provisions of 15A NCAC 02Q .0505 and .0507.

BB. **Financial Responsibility and Compliance History** [15A NCAC 02Q .0507(d)(3)]
The DAQ may require an applicant to submit a statement of financial qualifications and/or a statement of substantial compliance history.

CC. **Refrigerant Requirements (Stratospheric Ozone and Climate Protection)** [15A NCAC 02Q .0501(d)]
1. If the Permittee has appliances or refrigeration equipment, including air conditioning equipment, which use Class I or II ozone-depleting substances such as chlorofluorocarbons and hydrochlorofluorocarbons listed as refrigerants in 40 CFR Part 82 Subpart A Appendices A and B, the Permittee shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 CFR Part 82 Subpart F.
2. The Permittee shall not knowingly vent or otherwise release any Class I or II substance into the environment during the repair, servicing, maintenance, or disposal of any such device except as provided in 40 CFR Part 82 Subpart F.
3. The Permittee shall comply with all reporting and recordkeeping requirements of 40 CFR 82.166. Reports shall be submitted to the EPA or its designee as required.

DD. **Prevention of Accidental Releases - Section 112(r)** [15A NCAC 02Q .0508(h)]
If the Permittee is required to develop and register a Risk Management Plan with EPA pursuant to Section 112(r) of the Clean Air Act, then the Permittee is required to register this plan in accordance with 40 CFR Part 68.

EE. **National Emission Standards Asbestos – 40 CFR Part 61, Subpart M** [15A NCAC 02D .1110]
The Permittee shall comply with all applicable standards for demolition and renovation activities pursuant to the requirements of 40 CFR Part 61, Subpart M. The permittee shall not be required to obtain a modification of this permit in order to perform the referenced activities.

FF. **Title IV Allowances** [15A NCAC 02Q .0508(i)(1)]
This permit does not limit the number of Title IV allowances held by the Permittee, but the Permittee may not use allowances as a defense to noncompliance with any other applicable requirement. The Permittee's emissions may not exceed any allowances that the facility lawfully holds under Title IV of the Federal Clean Air Act.

GG. **Air Pollution Emergency Episode** [15A NCAC 02D .0300]
Should the Director of the DAQ declare an Air Pollution Emergency Episode, the Permittee will be required to operate in accordance with the Permittee's previously approved Emission Reduction Plan or, in the absence of an approved plan, with the appropriate requirements specified in 15A NCAC 02D .0300.

HH. **Registration of Air Pollution Sources** [15A NCAC 02D .0202]
The Director of the DAQ may require the Permittee to register a source of air pollution. If the Permittee is required to register a source of air pollution, this registration and required information will be in accordance with 15A NCAC 02D .0202(b).

II. **Ambient Air Quality Standards** [15A NCAC 02D .0501(c)]
In addition to any control or manner of operation necessary to meet emission standards specified in this permit, any source of air pollution shall be operated with such control or in such manner that the source shall not cause the ambient air quality standards in 15A NCAC 02D .0400 to be exceeded at any point beyond the premises on which the source is located. When controls more stringent than named in the applicable emission standards in this permit are required to prevent violation of

the ambient air quality standards or are required to create an offset, the permit shall contain a condition requiring these controls.

JJ. **General Emissions Testing and Reporting Requirements** [15A NCAC 02Q .0508(i)(16)]
Emission compliance testing shall be by the procedures of Section .2600, except as may be otherwise required in Rules .0524, .1110, or .1111 of Subchapter 02D. If emissions testing is required by this permit or the DAQ or if the Permittee submits emissions testing to the DAQ to demonstrate compliance for emission sources subject to Rules .0524, .1110, or .1111, the Permittee shall provide and submit all notifications, conduct all testing, and submit all test reports in accordance with the requirements of 15A NCAC 02D .0524, .1110, or .1111, as applicable. Otherwise, if emissions testing is required by this permit or the DAQ or if the Permittee submits emissions testing to the DAQ to demonstrate compliance, the Permittee shall perform such testing in accordance with 15A NCAC 02D .2600 and follow the procedures outlined below:

1. The owner or operator of the source shall arrange for air emission testing protocols to be provided to the Director prior to air pollution testing. Testing protocols are not required to be pre-approved by the Director prior to air pollution testing. The Director shall review air emission testing protocols for pre-approval prior to testing if requested by the owner or operator at least **45 days** before conducting the test.
2. Any person proposing to conduct an emissions test to demonstrate compliance with an applicable standard shall notify the Director at least **15 days** before beginning the test so that the Director may at his option observe the test.
3. The owner or operator of the source shall arrange for controlling and measuring the production rates during the period of air testing. The owner or operator of the source shall ensure that the equipment or process being tested is operated at the production rate that best fulfills the purpose of the test. The individual conducting the emission test shall describe the procedures used to obtain accurate process data and include in the test report the average production rates determined during each testing period.
4. Two copies of the final air emission test report shall be submitted to the Director not later than **30 days** after sample collection unless otherwise specified in the specific conditions. The owner or operator may request an extension to submit the final test report. The Director shall approve an extension request if he finds that the extension request is a result of actions beyond the control of the owner or operator.
    a. The Director shall make the final determination regarding any testing procedure deviation and the validity of the compliance test. The Director may:
        i. Allow deviations from a method specified under a rule in this Section if the owner or operator of the source being tested demonstrates to the satisfaction of the Director that the specified method is inappropriate for the source being tested.
        ii. Prescribe alternate test procedures on an individual basis when he finds that the alternative method is necessary to secure more reliable test data.
        iii. Prescribe or approve methods on an individual basis for sources or pollutants for which no test method is specified in 15A NCAC 02D .2600 if the methods can be demonstrated to determine compliance of permitted emission sources or pollutants.
    b. The Director may authorize the DAQ to conduct independent tests of any source subject to a rule in 15A NCAC 02D to determine the compliance status of that source or to verify any test data submitted relating to that source. Any test conducted by the Division of Air Quality using the appropriate testing procedures described in 15A NCAC 02D .2600 has precedence over all other tests.

KK. **Reopening for Cause** [15A NCAC 02Q .0517]

1. A permit shall be reopened and revised under the following circumstances:
    a. additional applicable requirements become applicable to a facility with remaining permit term of three or more years;
    b. additional requirements (including excess emission requirements) become applicable to a source covered by Title IV;
    c. the Director or EPA finds that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or
    d. the Director or EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
2. Any permit reopening shall be completed or a revised permit issued within 18 months after the applicable requirement is promulgated. No reopening is required if the effective date of the requirement is after the expiration of the permit term unless the term of the permit was extended pursuant to 15A NCAC 02Q .0513(c).
3. Except for the state-enforceable only portion of the permit, the procedures set out in 15A NCAC 02Q .0507, .0521, or .0522 shall be followed to reissue the permit. If the State-enforceable only portion of the permit is reopened, the procedures in 15A NCAC 02Q .0300 shall be followed. The proceedings shall affect only those parts of the permit for which cause to reopen exists.

4. The Director shall notify the Permittee at least 60 days in advance of the date that the permit is to be reopened, except in cases of imminent threat to public health or safety the notification period may be less than 60 days.
5. Within 90 days, or 180 days if the EPA extends the response period, after receiving notification from the EPA that a permit needs to be terminated, modified, or revoked and reissued, the Director shall send to the EPA a proposed determination of termination, modification, or revocation and reissuance, as appropriate.

LL. **Reporting Requirements for Non-Operating Equipment** [15A NCAC 02Q .0508(i)(16)]
The Permittee shall maintain a record of operation for permitted equipment, noting whenever the equipment is taken from and placed into operation. When permitted equipment is not in operation, the requirements for testing, monitoring, and recordkeeping are suspended until operation resumes.

MM. **Fugitive Dust Control Requirement** [15A NCAC 02D .0540]
As required by 15A NCAC 02D .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 02D .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).

NN. **Specific Permit Modifications** [15A NCAC 02Q .0501 and .0523]
1. For modifications made pursuant to 15A NCAC 02Q .0501(b)(2), the Permittee shall file a Title V Air Quality Permit Application for the air emission source(s) and associated air pollution control device(s) on or before 12 months after commencing operation.
2. For modifications made pursuant to 15A NCAC 02Q .0501(c)(2), the Permittee shall not begin operation of the air emission source(s) and associated air pollution control device(s) until a Title V Air Quality Permit Application is filed and a construction and operation permit following the procedures of Section .0500 (except for Rule .0504 of this Section) is obtained.
3. For modifications made pursuant to 502(b)(10), in accordance with 15A NCAC 02Q .0523(a)(1)(C), the Permittee shall notify the Director and EPA (Air Permitting Branch, EPA, Region 4, 61 Forsyth Street SW, Atlanta, GA 30303 or through the EPA CEDRI) in writing at least seven days before the change is made.
    a. The written notification shall include:
        i. a description of the change at the facility;
        ii. the date on which the change will occur;
        iii. any change in emissions; and
        iv. any permit term or condition that is no longer applicable as a result of the change.
    b. In addition to this notification requirement, with the next significant modification or Air Quality Permit renewal, the Permittee shall submit a page "E5" of the application forms signed by the responsible official verifying that the application for the 502(b)(10) change/modification, is true, accurate, and complete. Further note that modifications made pursuant to 502(b)(10) do not relieve the Permittee from satisfying preconstruction requirements.

OO. **Third Party Participation and EPA Review** [15A NCAC 02Q .0521, .0522 and .0525(7)]
For permits modifications subject to 45-day review by the federal EPA, EPA’s decision to not object to the proposed permit is considered final and binding on the EPA and absent a third-party petition, the failure to object is the end of EPA's decision-making process with respect to the revisions to the permit. The time period available to submit a public petition pursuant to 15A NCAC 02Q .0518 begins at the end of the 45-day EPA review period.

Section [1] – Requested Permit Rates for Zone A

Marine Corps Base Camp Lejeune [1a]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CHLORINE [7782-50-5] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)	ETHYLENEDIAMINE [107-15-3] (lb/hr)
HP96110	HP-961-10	AST/UST						
FC19501U	I-FC-195-01U	AST/UST						
FC24101	I-FC-241-01A	AST/UST						
FC2981	I-FC-298-01U	AST/UST						
FC2982	I-FC-298-02U	AST/UST						
FC2983	I-FC-298-03U	AST/UST						
12321	I-HP-1232-01U	AST/UST						
12322	I-HP-1232-02U	AST/UST						
12323	I-HP-1232-03U	AST/UST						
12324	I-HP-1232-04U	AST/UST						
HP161301	I-HP-1613-01A	AST/UST						
HP161302	I-HP-1613-02A	AST/UST						
HP161303	I-HP-1613-03A	AST/UST						
HP3001U	I-HP-30-01U	AST/UST						
HP96101	I-HP-961-01A	AST/UST						
HP96102	I-HP-961-02A	AST/UST						
HP96107A	I-HP-961-07A	AST/UST						
HP1002	I-HP-HP100-05U	AST/UST						
HP2371	I-HP-HP237-05U	AST/UST						
LC40341	I-LCH-4034-01A	AST/UST						
LC40342	I-LCH-4034-02A	AST/UST						
LC40343	I-LCH-4034-03A	AST/UST						
M9003U	I-M-90-03U	AST/UST						
NH1181A	I-NH-118-01A	AST/UST						
STP44602	I-PG-STP-446-02A	AST/UST						
PP193202	I-PP-1932-02U	AST/UST						
PP82001U	I-PP-820-01U	AST/UST						
PP82002U	I-PP-820-02U	AST/UST						
PP82003U	I-PP-820-03U	AST/UST						
TT24781	I-TT-2478-01U	AST/UST						
TT24782	I-TT-2478-02U	AST/UST						
TT24783	I-TT-2478-03U	AST/UST						
TT49	I-TT-69-01U (TT-49-1)	AST/UST						
HP120201	I-A-HP-1202-01	DEGR					760.54	
HP124902	I-A-HP-1249-02	DEGR					760.54	
HP131101	I-A-HP-1311-01	DEGR					760.54	
HP170001	A-HP-1700-01	ECOM		1.21		613.57		
HP170002	A-HP-1700-02	ECOM		1.21		613.57		
HP170003	A-HP-1700-03	ECOM		1.21		477.22		
HP170004	A-HP-1700-04	ECOM		1.21		477.22		
HP170005	A-HP-1700-05	ECOM				8.22		
MP62572	A-MP-625-72	ECOM				2.59		
MP62573	A-MP-625-73	ECOM				2.59		
MP62574	A-MP-625-74	ECOM				2.59		
NH10001	A-NH-100-01	ECOM				1.27		
NH10002	A-NH-100-02	ECOM				1.27		
BM205001	I-A-BM-2050-01	ECOM						
BM205101	I-A-BM-2051-01	ECOM						
BM540080	I-A-BM-5400-80	ECOM				0.24		
BM540081	I-A-BM-5400-81	ECOM				0.24		
BM82512	I-A-BM-825-12	ECOM				0.54		
BM82513	I-A-BM-825-13	ECOM				0.54		
BM825H1	I-A-BM-825-H1	ECOM				0.14		
BM83506	I-A-BM-835-06	ECOM				0.28		
BM83507	I-A-BM-835-07	ECOM				0.28		
BM890H10	I-A-BM-890-H10	ECOM				0.08		
BM890H9	I-A-BM-890-H9	ECOM				0.11		
FC26090	I-A-FC-260-90	ECOM				0.13		
FC36201	I-A-FC-362-01	ECOM						
FC43601	I-A-FC-436-01	ECOM						
FC44087	I-A-FC-440-04	ECOM				0.08		
HP202720	I-A-HP-2027-20	ECOM				0.69		
HP202721	I-A-HP-2027-21	ECOM				0.69		
P2027H13	I-A-HP-2027-H13	ECOM				0.06		
P2027H14	I-A-HP-2027-H14	ECOM				0.06		
P2027H15	I-A-HP-2028-H15	ECOM				0.06		

Zone A: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CHLORINE [7782-50-5] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)	ETHYLENEDIAMINE [107-15-3] (lb/hr)
P2027H16	I-A-HP-2028-H16	ECOM				0.06		
HP4075	I-A-HP-40-75	ECOM				0.38		
HP4076	I-A-HP-40-76	ECOM				0.36		
HP67088	I-A-HP-670-88	ECOM				0.06		
HP73859	I-A-HP-738-59	ECOM				0.04		
HP98931	I-A-HP-989-31	ECOM				0.10		
LC401417	I-A-LCH-4014-17	ECOM				0.21		
LC402219	I-A-LCH-4022-19	ECOM				0.06		
MGSH858	I-A-MG-SH8-58	ECOM				0.11		
MP23038	I-A-MP-230-38	ECOM				0.79		
MP23039	I-A-MP-230-39	ECOM				0.79		
MP23040	I-A-MP-230-40	ECOM				0.79		
MP23102	I-A-MP-231-02	ECOM						
NH10005	I-A-NH-100-05	ECOM				0.40		
NH11803	I-A-NH-118-03	ECOM				0.06		
NH12004	I-A-NH-120-04	ECOM				0.03		
NH120H4	I-A-NH-120-H4	ECOM				0.09		
NH12101	I-A-NH-121-01	ECOM				0.04		
NH121H1	I-A-NH-121-H1	ECOM				0.08		
PP20101	I-A-PP-201-01	ECOM						
PP20102	I-A-PP-201-02	ECOM						
PP20103	I-A-PP-201-03	ECOM						
PP202	I-A-PP-2-02	ECOM						
PP203	I-A-PP-2-03	ECOM						
PP204	I-A-PP-2-04	ECOM						
PP205	I-A-PP-2-05	ECOM						
PP206	I-A-PP-2-06	ECOM						
P261509B	I-A-PP-2615-09B	ECOM						
P261510B	I-A-PP-2615-10B	ECOM						
PP261511	I-A-PP-2615-11B	ECOM						
PP261701	I-A-PP-2617-01	ECOM						
PP401	I-A-PP-4-01	ECOM						
TT245766	I-A-TT-2457-66	ECOM				0.09		
TT4430	I-A-TT-44-30	ECOM				0.04		
TT6078	I-A-TT-60-78	ECOM				0.26		
TT6079	I-A-TT-60-79	ECOM				0.26		
TT8423	I-A-TT-84-23	ECOM						
TT8424	I-A-TT-84-24	ECOM						
TT84H11	I-A-TT-84-H11	ECOM						
TT84H12	I-A-TT-84-H12	ECOM						
TT8625	I-A-TT-86-25	ECOM						
TT8626	I-A-TT-86-26	ECOM						
WC10002	I-A-WC-100-02	ECOM						
WC10003	I-A-WC-100-03	ECOM						
WC10004	I-A-WC-100-04	ECOM						
WC10005	I-A-WC-100-05	ECOM						
WC10501	I-A-WC-105-01	ECOM						
WC10502	I-A-WC-105-02	ECOM						
WC11001	I-A-WC-110-01	ECOM						
WC11002	I-A-WC-110-02	ECOM						
WC11501	I-A-WC-115-01	ECOM						
WC11502	I-A-WC-115-02	ECOM						
WC12001	I-A-WC-120-01	ECOM						
WC12002	I-A-WC-120-02	ECOM						
WC12401	I-A-WC-124-01	ECOM						
WC12402	I-A-WC-124-02	ECOM						
WC12501	I-A-WC-125-01	ECOM						
WC12502	I-A-WC-125-02	ECOM						
WC13001	I-A-WC-130-01	ECOM						
WC13002	I-A-WC-130-02	ECOM						
WC13501	I-A-WC-135-01	ECOM						
WC13502	I-A-WC-135-02	ECOM						
WC14601	I-A-WC-146-01	ECOM						
WC14602	I-A-WC-146-02	ECOM						
HP96110D	HP-961-10	FDSP						
C19501UD	I-FC-195-01U	FDSP						

Marine Corps Base Camp Lejeune [1a]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CHLORINE [7782-50-5] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)	ETHYLENEDIAMINE [107-15-3] (lb/hr)
FC24101D	I-FC-241-01A	FDSP						
FC2981D	I-FC-298-01U	FDSP						
FC2982D	I-FC-298-02U	FDSP						
FC2983D	I-FC-298-03U	FDSP						
12321D	I-HP-1232-01U	FDSP						
12322D	I-HP-1232-02U	FDSP						
12323D	I-HP-1232-03U	FDSP						
12324D	I-HP-1232-04U	FDSP						
P161301D	I-HP-1613-01A	FDSP						
P161302D	I-HP-1613-02A	FDSP						
P161303D	I-HP-1613-03A	FDSP						
HP3001UD	I-HP-30-01U	FDSP						
HP96101D	I-HP-961-01A	FDSP						
HP96102D	I-HP-961-02A	FDSP						
P96107AD	I-HP-961-07A	FDSP						
HP1002D	I-HP-HP100-05U	FDSP						
HP2371D	I-HP-HP237-05U	FDSP						
LC40341D	I-LCH-4034-01A	FDSP						
LC40342D	I-LCH-4034-02A	FDSP						
LC40343D	I-LCH-4034-03A	FDSP						
M9003UD	I-M-90-03U	FDSP						
NH1181AD	I-NH-118-01A	FDSP						
TP44602D	I-PG-STP-446-02A	FDSP						
P193202D	I-PP-1932-02U	FDSP						
P82001UD	I-PP-820-01U	FDSP						
P82002UD	I-PP-820-02U	FDSP						
P82003UD	I-PP-820-03U	FDSP						
TT24781D	I-TT-2478-01U	FDSP						
TT24782D	I-TT-2478-02U	FDSP						
TT24783D	I-TT-2478-03U	FDSP						
TT49D	I-TT-69-01U (TT-49-1)	FDSP						
TP44601	A-HP-TP-446-01	FIRE						
FC28024	A-FC-280-24	ICOM		0.03				
FC44203	A-FC-442-03	ICOM		0.06				
FC44302	A-FC-443-02	ICOM		0.05				
FC44501	A-FC-445-01	ICOM		0.05				
FC54001	A-FC-540-01	ICOM		0.10				
HP123002	A-HP-1230-02	ICOM		0.07				
HP12801	A-HP-128-01	ICOM		0.04				
HP170013	A-HP-1700-13	ICOM		0.03				
HP22701	A-HP-227-01	ICOM		0.05				
HP41101	A-HP-411-01	ICOM		0.03				
HP4501	A-HP-45-01	ICOM		0.11				
HP5402	A-HP-54-02	ICOM		0.03				
HP59001	A-HP-590-01	ICOM		0.05				
HP901	A-HP-9-01	ICOM		0.03				
MP45501B	A-MP-455-01B	ICOM		0.08				
MP45502B	A-MP-455-02B	ICOM		0.32				
NH10010B	A-NH-100-10B	ICOM		0.07				
NH10011B	A-NH-100-11B	ICOM		0.07				
NH10012B	A-NH-100-12B	ICOM		0.07				
BM462	I-A-BM-46-2	ICOM		0.02				
BM540002	I-A-BM-5400-02	ICOM		0.04				
BM60701	I-A-BM-607-01	ICOM		0.02				
BM83502	I-A-BM-835-02	ICOM		0.03				
BM83503	I-A-BM-835-03	ICOM		0.16				
BM84201	I-A-BM-842-01	ICOM		0.08				
FC104102	I-A-FC-1041-02	ICOM		0.28				
FC10701	I-A-FC-1070-1	ICOM		0.08				
FC11601	I-A-FC-116-01	ICOM		0.02				
FC19902	I-A-FC-199-02	ICOM		0.05				
FC25902	I-A-FC-259-02	ICOM		0.02				
FC26002	I-A-FC-260-02	ICOM		0.01				
FC29401	I-A-FC-294-01	ICOM		0.07				
FC30001	I-A-FC-300-01	ICOM		0.06				
FC30301	I-A-FC-303-01	ICOM		0.03				

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Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CHLORINE [7782-50-5] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)	ETHYLENEDIAMINE [107-15-3] (lb/hr)
FC31502	I-A-FC-315-02	ICOM		0.12				
FC36402	I-A-FC-364-02	ICOM		0.05				
FC3902	I-A-FC-39-02	ICOM		0.04				
FC42001	I-A-FC-420-01	ICOM		0.04				
FC59902	I-A-FC-599-02	ICOM		0.02				
FCS51101	I-A-FC-S511-01	ICOM		0.04				
HP100502	I-A-HP-1005-02	ICOM		0.03				
HP102	I-A-HP-1-02	ICOM		0.10				
HP102301	I-A-HP-1023-01	ICOM		0.12				
HP120101	I-A-HP-1201-01	ICOM		0.10				
HP120205	I-A-HP-1202-05	ICOM		0.08				
HP120207	I-A-HP-1202-07	ICOM		0.02				
HP120211	I-A-HP-1202-11	ICOM		0.28				
HP121201	I-A-HP-1212-01	ICOM		0.16				
HP121202	I-A-HP-1212-02	ICOM		0.16				
HP12201	I-A-HP-122-01	ICOM		0.32				
HP123001	I-A-HP-1230-01	ICOM		0.04				
HP140401	I-A-HP-1404-01	ICOM		0.04				
HP1502	I-A-HP-15-02	ICOM		0.16				
HP165001	I-A-HP-1650-01	ICOM		0.18				
HP168801	I-A-HP-1688-01	ICOM		0.05				
HP177601	I-A-HP-1776-01	ICOM		0.04				
HP1801	I-A-HP-18-01	ICOM		0.14				
HP2002	I-A-HP-20-02	ICOM		0.14				
HP2004	I-A-HP-20-04	ICOM		0.14				
HP21101	I-A-HP-211-01	ICOM		0.05				
HP2402	I-A-HP-24-02	ICOM		0.10				
HP2403	I-A-HP-24-03	ICOM		0.32				
HP261701	I-A-HP-2617-01	ICOM		0.16				
HP303	I-A-HP-3-03	ICOM		0.22				
HP31201	I-A-HP-312-01	ICOM		0.12				
HP3401	I-A-HP-34-01	ICOM		0.02				
HP35301	I-A-HP-353-01	ICOM		0.16				
HP42501	I-A-HP-425-01	ICOM		0.28				
HP501	I-A-HP-5-01	ICOM		0.22				
HP518601	I-A-HP-5186-01	ICOM		0.02				
HP52102	I-A-HP-521-02	ICOM		0.03				
HP57501	I-A-HP-575-01	ICOM		0.03				
HP5801	I-A-HP-58-01	ICOM		0.12				
HP58401	I-A-HP-584-01	ICOM		0.04				
HP58501	I-A-HP-585-01	ICOM		0.02				
HP59501	I-A-HP-595-01	ICOM		0.03				
HP59601	I-A-HP-596-01	ICOM		0.03				
HP61101	I-A-HP-611-01	ICOM		0.03				
HP61201	I-A-HP-612-01	ICOM		0.03				
HP61401	I-A-HP-614-01	ICOM		0.05				
HP61701	I-A-HP-617-01	ICOM		0.05				
HP61801	I-A-HP-618-01	ICOM		0.05				
HP61901	I-A-HP-619-01	ICOM		0.05				
HP62101	I-A-HP-621-01	ICOM		0.05				
HP92201	I-A-HP-622-01	ICOM		0.10				
HP62702	I-A-HP-627-02	ICOM		0.05				
HP62801	I-A-HP-628-01	ICOM		0.09				
HP62901	I-A-HP-629-01	ICOM		0.03				
HP63201	I-A-HP-632-01	ICOM		0.02				
HP63501	I-A-HP-635-01	ICOM		0.05				
HP64001	I-A-HP-640-01	ICOM		0.02				
HP64101	I-A-HP-641-01	ICOM		0.02				
HP64302	I-A-HP-643-02	ICOM		0.02				
HP64401	I-A-HP-644-01	ICOM		0.02				
HP64602	I-A-HP-646-02	ICOM		0.02				
HP64702	I-A-HP-647-02	ICOM		0.02				
HP64802	I-A-HP-648-02	ICOM		0.02				
HP65001	I-A-HP-650-01	ICOM		0.05				
HP6501	I-A-HP-65-01	ICOM		0.05				
HP65201	I-A-HP-652-01	ICOM		0.02				

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HP65401	I-A-HP-654-01	ICOM		0.02				
HP66101	I-A-HP-661-01	ICOM		0.03				
HP66201	I-A-HP-662-01	ICOM		0.03				
HP66301	I-A-HP-663-01	ICOM		0.02				
HP67102	I-A-HP-671-02	ICOM		0.28				
HP67201	I-A-HP-672-01	ICOM		0.02				
HP67302	I-A-HP-673-02	ICOM		0.32				
HP69901	I-A-HP-699-01	ICOM		0.03				
HP70001	I-A-HP-700-01	ICOM		0.03				
HP70301	I-A-HP-703-01	ICOM		0.02				
HP70401	I-A-HP-704-01	ICOM		0.02				
HP70501	I-A-HP-705-01	ICOM		0.02				
HP70801	I-A-HP-708-01	ICOM		0.03				
HP70901	I-A-HP-709-01	ICOM		0.02				
HP71001	I-A-HP-710-01	ICOM		0.03				
HP71101	I-A-HP-711-01	ICOM		0.01				
HP73802	I-A-HP-738-02	ICOM		0.04				
HP74501	I-A-HP-745-01	ICOM		0.04				
HP75101	I-A-HP-751-01	ICOM		0.08				
HP8501	I-A-HP-85-01	ICOM		0.02				
HP85501	I-A-HP-855-01	ICOM		0.01				
HP89501	I-A-HP-895-01	ICOM		0.04				
HP90207	I-A-HP-902-07	ICOM		0.12				
HP98201V	I-A-HP-982-01	ICOM		0.05				
HP98501	I-A-HP-985-01	ICOM		0.11				
HP98902	I-A-HP-989-02	ICOM		0.05				
HPH101	I-A-HP-H1-01	ICOM		0.13				
HPH102	I-A-HP-H1-02	ICOM		0.10				
HPH103	I-A-HP-H1-03	ICOM		0.12				
HPH105	I-A-HP-H1-05	ICOM		0.32				
HPH106	I-A-HP-H1-06	ICOM		0.28				
HPH2902	I-A-HP-H29-02	ICOM		0.03				
HPHP102	I-A-HP-HP1-02	ICOM		0.16				
HPPT4101	I-A-HP-PT41-01	ICOM		0.01				
HPS14550	I-A-HP-S1455-01	ICOM		0.01				
HPS17610	I-A-HP-S1761-01	ICOM		0.03				
HPS18810	I-A-HP-S1881-01	ICOM		0.02				
HPS4601	I-A-HP-S46-01	ICOM		0.02				
HPS55701	I-A-HP-S557-01	ICOM		0.05				
HPS55801	I-A-HP-S558-01	ICOM		0.01				
HPS70201	I-A-HP-S702-01	ICOM		0.01				
HPS76801	I-A-HP-S768-01	ICOM		0.05				
LCH40050	I-A-LCH-4005-02	ICOM		0.06				
LCH40090	I-A-LCH-4009-02	ICOM		0.06				
MP10727	I-A-MP-107-24	ICOM		0.01				
MP13101	I-A-MP-131-01	ICOM		0.12				
MP16701	I-A-MP-167-01	ICOM		0.11				
MP24101	I-A-MP-241-01	ICOM		0.01				
MP35003	I-A-MP-350-03	ICOM		0.18				
MP45102	I-A-MP-451-02	ICOM		0.04				
MP62503	I-A-MP-625-03	ICOM		0.18				
M12801	I-A-MP-M128-01	ICOM		0.02				
NH12002	I-A-NH-120-02	ICOM		0.03				
PP191903	I-A-PP-1919-03	ICOM		0.04				
PP201	I-A-PP-2-01	ICOM		0.12				
PP210002	I-A-PP-2100-02	ICOM		0.02				
PPS19480	I-A-PP-S1948-02	ICOM		0.01				
PPS26330	I-A-PP-S2633-01	ICOM		0.02				
PPS47A02	I-A-PP-S47A-02	ICOM		0.16				
T2801	I-A-T28-01	ICOM		0.02				
T2802	I-A-T28-02	ICOM		0.03				
TT3901	I-A-TT-39-01	ICOM		0.22				
TT4201	I-A-TT-42-01	ICOM		0.04				
TT4301	I-A-TT-43-01	ICOM		0.20				
TT6001	I-A-TT-60-01	ICOM		0.05				
TT8401	I-A-TT-84-01	ICOM		0.28				

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TT9901	I-A-TT-99-01	ICOM		0.28				
TTS3801	I-A-TT-S38-01	ICOM		0.02				
TTS4701	I-A-TT-S47-01	ICOM		0.02				
TTS4801	I-A-TT-S48-01	ICOM		0.02				
TTSE2301	I-A-TT-SE23-01	ICOM		0.05				
WC10001	I-A-WC-100-01	ICOM		0.03				
WC14401	I-A-WC-144-01	ICOM		0.08				
WC9901	I-A-WC-99-01	ICOM		0.28				
FC28012	A-FC-280-12	ICOM -T		0.16				
FC28023	A-FC-280-23	ICOM -T		0.05				
FC36502	A-FC-365-02	ICOM -T		0.12				
HP140902	A-HP-1409-02	ICOM -T		0.06				
HP185411	A-HP-1854-11	ICOM -T		0.08				
HP188006	A-HP-1880-06	ICOM -T		0.18				
MP10711	A-MP-107-11	ICOM -T		0.09				
MP10712	A-MP-107-12	ICOM -T		0.27				
FC28501	I-A-FC-285-01	ICOM -T		0.03				
HP57510	I-A-HP-575-10	ICOM -T		0.03				
MP10708	I-A-MP-107-08	ICOM -T		0.32				
MP10709	I-A-MP-107-09	ICOM -T		0.32				
MP10710	I-A-MP-107-10	ICOM -T		0.32				
FC1801	A-FC-FC18-01	LAND						
HP98201	A-HP-982-01	LAND						
BM82005	A-BM-820-05	RDL						
HP106801	A-HP-1068-01	RDL						
HP111101	A-HP-1111-01	RDL						
HP4505	A-HP-45-05	RDL						
HP64503	A-HP-645-03	RDL						
HP90001	A-HP-900-01	RDL						
LCH4015	A-LCH-4015-04	RDL						
TT246373	A-TT-2463-73	RDL						
FC28010	A-FC-280-10	SURF	53.64		39.15		1,530.01	36.25
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF	53.64		39.15		1,530.01	36.25
FC28613	A-FC-286-13	SURF	53.64		39.15		1,530.01	36.25
FC28620	A-FC-286-20	SURF	53.64		39.15		1,530.01	36.25
HP104101	A-HP-1041-01	SURF	53.64		39.15		1,530.01	36.25
HP120278	A-HP-1202-78	SURF	53.64		39.15		1,530.01	36.25
HP124903	A-HP-1249-03	SURF	53.64		39.15		1,530.01	36.25
HP90801	A-HP-908-01	SURF	53.64		39.15		1,530.01	36.25
HP101601	I-A-HP-1016-01	SURF	53.64		39.15		1,530.01	36.25
HP25701	I-A-HP-257-01	SURF	53.64		39.15		1,530.01	36.25
HP4001	I-A-HP-40-01	SURF	53.64		39.15		1,530.01	36.25
S112401	I-A-HP-S1124-01	SURF	53.64		39.15		1,530.01	36.25
SFC553A	I-A-SFC-553A-01	SURF	53.64		39.15		1,530.01	36.25
FC44001	I-A-FC-440-01	WWT						

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HP96110	HP-961-10	AST/UST						
FC19501U	I-FC-195-01U	AST/UST						
FC24101	I-FC-241-01A	AST/UST						
FC2981	I-FC-298-01U	AST/UST						
FC2982	I-FC-298-02U	AST/UST						
FC2983	I-FC-298-03U	AST/UST						
12321	I-HP-1232-01U	AST/UST						
12322	I-HP-1232-02U	AST/UST						
12323	I-HP-1232-03U	AST/UST						
12324	I-HP-1232-04U	AST/UST						
HP161301	I-HP-1613-01A	AST/UST						
HP161302	I-HP-1613-02A	AST/UST						
HP161303	I-HP-1613-03A	AST/UST						
HP3001U	I-HP-30-01U	AST/UST						
HP96101	I-HP-961-01A	AST/UST						
HP96102	I-HP-961-02A	AST/UST						
HP96107A	I-HP-961-07A	AST/UST						
HP1002	I-HP-HP100-05U	AST/UST						
HP2371	I-HP-HP237-05U	AST/UST						
LC40341	I-LCH-4034-01A	AST/UST						
LC40342	I-LCH-4034-02A	AST/UST						
LC40343	I-LCH-4034-03A	AST/UST						
M9003U	I-M-90-03U	AST/UST						
NH1181A	I-NH-118-01A	AST/UST						
STP44602	I-PG-STP-446-02A	AST/UST						
PP193202	I-PP-1932-02U	AST/UST						
PP82001U	I-PP-820-01U	AST/UST						
PP82002U	I-PP-820-02U	AST/UST						
PP82003U	I-PP-820-03U	AST/UST						
TT24781	I-TT-2478-01U	AST/UST						
TT24782	I-TT-2478-02U	AST/UST						
TT24783	I-TT-2478-03U	AST/UST						
TT49	I-TT-69-01U (TT-49-1)	AST/UST						
HP120201	I-A-HP-1202-01	DEGR						0.89
HP124902	I-A-HP-1249-02	DEGR						0.89
HP131101	I-A-HP-1311-01	DEGR						0.89
HP170001	A-HP-1700-01	ECOM	25.90	0.04	675.00	210.16	1.75	1.42E-03
HP170002	A-HP-1700-02	ECOM	25.90	0.04	675.00	210.16	1.75	1.42E-03
HP170003	A-HP-1700-03	ECOM	25.90	0.04	176.54	210.16	1.75	1.42E-03
HP170004	A-HP-1700-04	ECOM	25.90	0.04	176.54	210.16	1.75	1.42E-03
HP170005	A-HP-1700-05	ECOM	21.49	0.04	0.96	94.55	0.07	
MP62572	A-MP-625-72	ECOM	6.77	0.01	0.30	29.80	0.02	
MP62573	A-MP-625-73	ECOM	6.77	0.01	0.30	29.80	0.02	
MP62574	A-MP-625-74	ECOM	6.77	0.01	0.30	29.80	0.02	
NH10001	A-NH-100-01	ECOM	3.31	0.01	0.15	14.58	0.01	
NH10002	A-NH-100-02	ECOM	3.31	0.01	0.15	14.58	0.01	
BM205001	I-A-BM-2050-01	ECOM		4.80E-05				
BM205101	I-A-BM-2051-01	ECOM		4.80E-05				
BM540080	I-A-BM-5400-80	ECOM	0.57	9.73E-04	0.04	2.49	1.80E-03	
BM540081	I-A-BM-5400-81	ECOM	0.57	9.73E-04	0.04	2.49	1.80E-03	
BM82512	I-A-BM-825-12	ECOM	1.29	2.22E-03	0.08	5.67	4.11E-03	
BM82513	I-A-BM-825-13	ECOM	1.29	2.22E-03	0.08	5.67	4.11E-03	
BM825H1	I-A-BM-825-H1	ECOM	0.34	5.84E-04	0.02	1.49	1.08E-03	
BM83506	I-A-BM-835-06	ECOM	0.68	1.17E-03	0.04	2.99	2.16E-03	
BM83507	I-A-BM-835-07	ECOM	0.68	1.17E-03	0.04	2.99	2.16E-03	
BM890H10	I-A-BM-890-H10	ECOM	0.18	3.11E-04	0.01	0.80	5.76E-04	
BM890H9	I-A-BM-890-H9	ECOM	0.27	4.67E-04	0.02	1.19	8.65E-04	
FC26090	I-A-FC-260-90	ECOM	0.32	5.53E-04	0.02	1.41	1.02E-03	
FC36201	I-A-FC-362-01	ECOM		4.68E-05				
FC43601	I-A-FC-436-01	ECOM		4.68E-05				
FC44087	I-A-FC-440-04	ECOM	0.19	3.27E-04	0.01	0.84	6.05E-04	
HP202720	I-A-HP-2027-20	ECOM	1.66	2.85E-03	0.10	7.29	0.01	
HP202721	I-A-HP-2027-21	ECOM	1.66	2.85E-03	0.10	7.29	0.01	
P2027H13	I-A-HP-2027-H13	ECOM	0.14	2.34E-04	0.01	0.60	4.32E-04	
P2027H14	I-A-HP-2027-H14	ECOM	0.14	2.34E-04	0.01	0.60	4.32E-04	
P2027H15	I-A-HP-2028-H15	ECOM	0.14	2.34E-04	0.01	0.60	4.32E-04	

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P2027H16	I-A-HP-2028-H16	ECOM	0.14	2.34E-04	0.01	0.60	4.32E-04	
HP4075	I-A-HP-40-75	ECOM	0.92	1.58E-03	0.06	4.05	2.93E-03	
HP4076	I-A-HP-40-76	ECOM	0.86	1.48E-03	0.05	3.79	2.74E-03	
HP67088	I-A-HP-670-88	ECOM	0.15	2.53E-04	0.01	0.65	4.68E-04	
HP73859	I-A-HP-738-59	ECOM	0.11	1.82E-04	0.01	0.47	3.37E-04	
HP98931	I-A-HP-989-31	ECOM	0.25	4.22E-04	0.02	1.08	7.81E-04	
LC401417	I-A-LCH-4014-17	ECOM	0.51	8.80E-04	0.03	2.25	1.63E-03	
LC402219	I-A-LCH-4022-19	ECOM	0.14	2.45E-04	0.01	0.63	4.54E-04	
MGSH858	I-A-MG-SH8-58	ECOM	0.26	4.56E-04	0.02	1.16	8.43E-04	
MP23038	I-A-MP-230-38	ECOM	1.89	3.26E-03	0.12	8.33	0.01	
MP23039	I-A-MP-230-39	ECOM	1.89	3.26E-03	0.12	8.33	0.01	
MP23040	I-A-MP-230-40	ECOM	1.89	3.26E-03	0.12	8.33	0.01	
MP23102	I-A-MP-231-02	ECOM		1.34E-04				
NH10005	I-A-NH-100-05	ECOM	0.95	1.63E-03	0.06	4.16	3.01E-03	
NH11803	I-A-NH-118-03	ECOM	0.14	2.41E-04	0.01	0.62	4.47E-04	
NH12004	I-A-NH-120-04	ECOM	0.08	1.33E-04	4.83E-03	0.34	2.46E-04	
NH120H4	I-A-NH-120-H4	ECOM	0.23	3.89E-04	0.01	1.00	7.20E-04	
NH12101	I-A-NH-121-01	ECOM	0.10	1.71E-04	0.01	0.44	3.17E-04	
NH121H1	I-A-NH-121-H1	ECOM	0.18	3.11E-04	0.01	0.80	5.76E-04	
PP20101	I-A-PP-201-01	ECOM		8.40E-05				
PP20102	I-A-PP-201-02	ECOM		8.40E-05				
PP20103	I-A-PP-201-03	ECOM		8.40E-05				
PP202	I-A-PP-2-02	ECOM		4.80E-05				
PP203	I-A-PP-2-03	ECOM		4.80E-05				
PP204	I-A-PP-2-04	ECOM		4.80E-05				
PP205	I-A-PP-2-05	ECOM		4.80E-05				
PP206	I-A-PP-2-06	ECOM		4.80E-05				
P261509B	I-A-PP-2615-09B	ECOM		1.51E-04				
P261510B	I-A-PP-2615-10B	ECOM		1.51E-04				
PP261511	I-A-PP-2615-11B	ECOM		2.41E-04				
PP261701	I-A-PP-2617-01	ECOM		1.19E-04				
PP401	I-A-PP-4-01	ECOM		4.68E-05				
TT245766	I-A-TT-2457-66	ECOM	0.22	3.85E-04	0.01	0.99	7.13E-04	
TT4430	I-A-TT-44-30	ECOM	0.10	1.75E-04	0.01	0.45	3.24E-04	
TT6078	I-A-TT-60-78	ECOM	0.63	1.09E-03	0.04	2.79	2.02E-03	
TT6079	I-A-TT-60-79	ECOM	0.63	1.09E-03	0.04	2.79	2.02E-03	
TT8423	I-A-TT-84-23	ECOM		1.44E-04				
TT8424	I-A-TT-84-24	ECOM		1.44E-04				
TT84H11	I-A-TT-84-H11	ECOM		2.28E-05				
TT84H12	I-A-TT-84-H12	ECOM		4.79E-05				
TT8625	I-A-TT-86-25	ECOM		1.44E-04				
TT8626	I-A-TT-86-26	ECOM		1.44E-04				
WC10002	I-A-WC-100-02	ECOM		4.80E-05				
WC10003	I-A-WC-100-03	ECOM		4.80E-05				
WC10004	I-A-WC-100-04	ECOM		4.80E-05				
WC10005	I-A-WC-100-05	ECOM		1.80E-04				
WC10501	I-A-WC-105-01	ECOM		7.20E-05				
WC10502	I-A-WC-105-02	ECOM		7.20E-05				
WC11001	I-A-WC-110-01	ECOM		7.20E-05				
WC11002	I-A-WC-110-02	ECOM		7.20E-05				
WC11501	I-A-WC-115-01	ECOM		7.20E-05				
WC11502	I-A-WC-115-02	ECOM		7.20E-05				
WC12001	I-A-WC-120-01	ECOM		7.20E-05				
WC12002	I-A-WC-120-02	ECOM		7.20E-05				
WC12401	I-A-WC-124-01	ECOM		7.20E-05				
WC12402	I-A-WC-124-02	ECOM		7.20E-05				
WC12501	I-A-WC-125-01	ECOM		7.20E-05				
WC12502	I-A-WC-125-02	ECOM		7.20E-05				
WC13001	I-A-WC-130-01	ECOM		7.20E-05				
WC13002	I-A-WC-130-02	ECOM		7.20E-05				
WC13501	I-A-WC-135-01	ECOM		7.20E-05				
WC13502	I-A-WC-135-02	ECOM		8.40E-05				
WC14601	I-A-WC-146-01	ECOM		4.80E-05				
WC14602	I-A-WC-146-02	ECOM		4.80E-05				
HP96110D	HP-961-10	FDSP						
C19501UD	I-FC-195-01U	FDSP						

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Model ID	Permit ID	Source Type	FLUORIDES [16984-48-8] (lb/hr)	FORMALDEHYDE [50-00-0] (lb/hr)	HYDROGEN CHLORIDE [7647-01-0] (lb/hr)	HYDROGEN CYANIDE [74-90-8] (lb/hr)	HYDROGEN FLUORIDE [7664-39-3] (lb/hr)	METHYLENE CHLORIDE [75-09-2] (lb/hr)
FC24101D	I-FC-241-01A	FDSP						
FC2981D	I-FC-298-01U	FDSP						
FC2982D	I-FC-298-02U	FDSP						
FC2983D	I-FC-298-03U	FDSP						
12321D	I-HP-1232-01U	FDSP						
12322D	I-HP-1232-02U	FDSP						
12323D	I-HP-1232-03U	FDSP						
12324D	I-HP-1232-04U	FDSP						
P161301D	I-HP-1613-01A	FDSP						
P161302D	I-HP-1613-02A	FDSP						
P161303D	I-HP-1613-03A	FDSP						
HP3001UD	I-HP-30-01U	FDSP						
HP96101D	I-HP-961-01A	FDSP						
HP96102D	I-HP-961-02A	FDSP						
P96107AD	I-HP-961-07A	FDSP						
HP1002D	I-HP-HP100-05U	FDSP						
HP2371D	I-HP-HP237-05U	FDSP						
LC40341D	I-LCH-4034-01A	FDSP						
LC40342D	I-LCH-4034-02A	FDSP						
LC40343D	I-LCH-4034-03A	FDSP						
M9003UD	I-M-90-03U	FDSP						
NH1181AD	I-NH-118-01A	FDSP						
TP44602D	I-PG-STP-446-02A	FDSP						
P193202D	I-PP-1932-02U	FDSP						
P82001UD	I-PP-820-01U	FDSP						
P82002UD	I-PP-820-02U	FDSP						
P82003UD	I-PP-820-03U	FDSP						
TT24781D	I-TT-2478-01U	FDSP						
TT24782D	I-TT-2478-02U	FDSP						
TT24783D	I-TT-2478-03U	FDSP						
TT49D	I-TT-69-01U (TT-49-1)	FDSP						
TP44601	A-HP-TP-446-01	FIRE		7.11				
FC28024	A-FC-280-24	ICOM		7.26E-04				
FC44203	A-FC-442-03	ICOM		1.10E-03				
FC44302	A-FC-443-02	ICOM		9.11E-04				
FC44501	A-FC-445-01	ICOM		9.11E-04				
FC54001	A-FC-540-01	ICOM		1.82E-03				
HP123002	A-HP-1230-02	ICOM		1.21E-03				
HP12801	A-HP-128-01	ICOM		7.28E-04				
HP170013	A-HP-1700-13	ICOM		6.07E-04				
HP22701	A-HP-227-01	ICOM		9.83E-04				
HP41101	A-HP-411-01	ICOM		6.07E-04				
HP4501	A-HP-45-01	ICOM		1.94E-03				
HP5402	A-HP-54-02	ICOM		6.07E-04				
HP59001	A-HP-590-01	ICOM		9.11E-04				
HP901	A-HP-9-01	ICOM		6.07E-04				
MP45501B	A-MP-455-01B	ICOM		1.52E-03				
MP45502B	A-MP-455-02B	ICOM		0.01				
NH10010B	A-NH-100-10B	ICOM		1.35E-03				
NH10011B	A-NH-100-11B	ICOM		1.35E-03				
NH10012B	A-NH-100-12B	ICOM		1.35E-03				
BM462	I-A-BM-46-2	ICOM		5.45E-04				
BM540002	I-A-BM-5400-02	ICOM		9.08E-04				
BM60701	I-A-BM-607-01	ICOM		4.54E-04				
BM83502	I-A-BM-835-02	ICOM		5.99E-04				
BM83503	I-A-BM-835-03	ICOM		3.63E-03				
BM84201	I-A-BM-842-01	ICOM		1.82E-03				
FC104102	I-A-FC-1041-02	ICOM		0.01				
FC10701	I-A-FC-1070-1	ICOM		1.82E-03				
FC11601	I-A-FC-116-01	ICOM		4.54E-04				
FC19902	I-A-FC-199-02	ICOM		1.09E-03				
FC25902	I-A-FC-259-02	ICOM		5.45E-04				
FC26002	I-A-FC-260-02	ICOM		1.82E-04				
FC29401	I-A-FC-294-01	ICOM		1.63E-03				
FC30001	I-A-FC-300-01	ICOM		1.36E-03				
FC30301	I-A-FC-303-01	ICOM		6.07E-04				

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FC31502	I-A-FC-315-02	ICOM		2.72E-03				
FC36402	I-A-FC-364-02	ICOM		1.09E-03				
FC3902	I-A-FC-39-02	ICOM		9.99E-04				
FC42001	I-A-FC-420-01	ICOM		9.99E-04				
FC59902	I-A-FC-599-02	ICOM		5.45E-04				
FCS51101	I-A-FC-S511-01	ICOM		9.08E-04				
HP100502	I-A-HP-1005-02	ICOM		6.07E-04				
HP102	I-A-HP-1-02	ICOM		2.27E-03				
HP102301	I-A-HP-1023-01	ICOM		2.72E-03				
HP120101	I-A-HP-1201-01	ICOM		2.27E-03				
HP120205	I-A-HP-1202-05	ICOM		1.82E-03				
HP120207	I-A-HP-1202-07	ICOM		5.45E-04				
HP120211	I-A-HP-1202-11	ICOM		0.01				
HP121201	I-A-HP-1212-01	ICOM		3.63E-03				
HP121202	I-A-HP-1212-02	ICOM		3.63E-03				
HP12201	I-A-HP-122-01	ICOM		0.01				
HP123001	I-A-HP-1230-01	ICOM		9.08E-04				
HP140401	I-A-HP-1404-01	ICOM		8.17E-04				
HP1502	I-A-HP-15-02	ICOM		3.63E-03				
HP165001	I-A-HP-1650-01	ICOM		4.18E-03				
HP168801	I-A-HP-1688-01	ICOM		1.09E-03				
HP177601	I-A-HP-1776-01	ICOM		9.08E-04				
HP1801	I-A-HP-18-01	ICOM		3.27E-03				
HP2002	I-A-HP-20-02	ICOM		3.18E-03				
HP2004	I-A-HP-20-04	ICOM		3.18E-03				
HP21101	I-A-HP-211-01	ICOM		1.09E-03				
HP2402	I-A-HP-24-02	ICOM		2.36E-03				
HP2403	I-A-HP-24-03	ICOM		0.01				
HP261701	I-A-HP-2617-01	ICOM		3.63E-03				
HP303	I-A-HP-3-03	ICOM		4.99E-03				
HP31201	I-A-HP-312-01	ICOM		2.72E-03				
HP3401	I-A-HP-34-01	ICOM		4.54E-04				
HP35301	I-A-HP-353-01	ICOM		3.63E-03				
HP42501	I-A-HP-425-01	ICOM		0.01				
HP501	I-A-HP-5-01	ICOM		4.99E-03				
HP518601	I-A-HP-5186-01	ICOM		4.54E-04				
HP52102	I-A-HP-521-02	ICOM		5.99E-04				
HP57501	I-A-HP-575-01	ICOM		7.26E-04				
HP5801	I-A-HP-58-01	ICOM		2.72E-03				
HP58401	I-A-HP-584-01	ICOM		9.08E-04				
HP58501	I-A-HP-585-01	ICOM		5.45E-04				
HP59501	I-A-HP-595-01	ICOM		6.35E-04				
HP59601	I-A-HP-596-01	ICOM		6.35E-04				
HP61101	I-A-HP-611-01	ICOM		6.35E-04				
HP61201	I-A-HP-612-01	ICOM		6.35E-04				
HP61401	I-A-HP-614-01	ICOM		1.09E-03				
HP61701	I-A-HP-617-01	ICOM		1.09E-03				
HP61801	I-A-HP-618-01	ICOM		1.09E-03				
HP61901	I-A-HP-619-01	ICOM		1.09E-03				
HP62101	I-A-HP-621-01	ICOM		1.09E-03				
HP92201	I-A-HP-622-01	ICOM		2.27E-03				
HP62702	I-A-HP-627-02	ICOM		1.09E-03				
HP62801	I-A-HP-628-01	ICOM		2.18E-03				
HP62901	I-A-HP-629-01	ICOM		6.35E-04				
HP63201	I-A-HP-632-01	ICOM		4.54E-04				
HP63501	I-A-HP-635-01	ICOM		1.09E-03				
HP64001	I-A-HP-640-01	ICOM		4.72E-04				
HP64101	I-A-HP-641-01	ICOM		4.54E-04				
HP64302	I-A-HP-643-02	ICOM		4.72E-04				
HP64401	I-A-HP-644-01	ICOM		4.54E-04				
HP64602	I-A-HP-646-02	ICOM		4.54E-04				
HP64702	I-A-HP-647-02	ICOM		4.72E-04				
HP64802	I-A-HP-648-02	ICOM		5.45E-04				
HP65001	I-A-HP-650-01	ICOM		1.09E-03				
HP6501	I-A-HP-65-01	ICOM		1.09E-03				
HP65201	I-A-HP-652-01	ICOM		5.45E-04				

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HP65401	I-A-HP-654-01	ICOM		4.54E-04				
HP66101	I-A-HP-661-01	ICOM		7.26E-04				
HP66201	I-A-HP-662-01	ICOM		6.35E-04				
HP66301	I-A-HP-663-01	ICOM		5.45E-04				
HP67102	I-A-HP-671-02	ICOM		0.01				
HP67201	I-A-HP-672-01	ICOM		5.45E-04				
HP67302	I-A-HP-673-02	ICOM		0.01				
HP69901	I-A-HP-699-01	ICOM		6.35E-04				
HP70001	I-A-HP-700-01	ICOM		6.35E-04				
HP70301	I-A-HP-703-01	ICOM		4.54E-04				
HP70401	I-A-HP-704-01	ICOM		3.63E-04				
HP70501	I-A-HP-705-01	ICOM		4.54E-04				
HP70801	I-A-HP-708-01	ICOM		7.26E-04				
HP70901	I-A-HP-709-01	ICOM		4.54E-04				
HP71001	I-A-HP-710-01	ICOM		6.35E-04				
HP71101	I-A-HP-711-01	ICOM		1.82E-04				
HP73802	I-A-HP-738-02	ICOM		8.17E-04				
HP74501	I-A-HP-745-01	ICOM		9.08E-04				
HP75101	I-A-HP-751-01	ICOM		1.82E-03				
HP8501	I-A-HP-85-01	ICOM		4.72E-04				
HP85501	I-A-HP-855-01	ICOM		1.82E-04				
HP89501	I-A-HP-895-01	ICOM		1.02E-03				
HP90207	I-A-HP-902-07	ICOM		2.72E-03				
HP98201V	I-A-HP-982-01	ICOM		1.09E-03				
HP98501	I-A-HP-985-01	ICOM		2.45E-03				
HP98902	I-A-HP-989-02	ICOM		1.09E-03				
HPH101	I-A-HP-H1-01	ICOM		2.91E-03				
HPH102	I-A-HP-H1-02	ICOM		2.27E-03				
HPH103	I-A-HP-H1-03	ICOM		2.72E-03				
HPH105	I-A-HP-H1-05	ICOM		0.01				
HPH106	I-A-HP-H1-06	ICOM		0.01				
HPH2902	I-A-HP-H29-02	ICOM		5.99E-04				
HPHP102	I-A-HP-HP1-02	ICOM		3.63E-03				
HPPT4101	I-A-HP-PT41-01	ICOM		1.82E-04				
HPS14550	I-A-HP-S1455-01	ICOM		1.82E-04				
HPS17610	I-A-HP-S1761-01	ICOM		5.99E-04				
HPS18810	I-A-HP-S1881-01	ICOM		5.45E-04				
HPS4601	I-A-HP-S46-01	ICOM		5.45E-04				
HPS55701	I-A-HP-S557-01	ICOM		1.09E-03				
HPS55801	I-A-HP-S558-01	ICOM		1.82E-04				
HPS70201	I-A-HP-S702-01	ICOM		1.82E-04				
HPS76801	I-A-HP-S768-01	ICOM		1.09E-03				
LCH40050	I-A-LCH-4005-02	ICOM		1.47E-03				
LCH40090	I-A-LCH-4009-02	ICOM		1.36E-03				
MP10727	I-A-MP-107-24	ICOM		1.82E-04				
MP13101	I-A-MP-131-01	ICOM		2.72E-03				
MP16701	I-A-MP-167-01	ICOM		2.45E-03				
MP24101	I-A-MP-241-01	ICOM		2.72E-04				
MP35003	I-A-MP-350-03	ICOM		4.18E-03				
MP45102	I-A-MP-451-02	ICOM		8.17E-04				
MP62503	I-A-MP-625-03	ICOM		4.18E-03				
M12801	I-A-MP-M128-01	ICOM		4.54E-04				
NH12002	I-A-NH-120-02	ICOM		6.35E-04				
PP191903	I-A-PP-1919-03	ICOM		8.17E-04				
PP201	I-A-PP-2-01	ICOM		2.72E-03				
PP210002	I-A-PP-2100-02	ICOM		3.63E-04				
PPS19480	I-A-PP-S1948-02	ICOM		2.72E-04				
PPS26330	I-A-PP-S2633-01	ICOM		5.45E-04				
PPS47A02	I-A-PP-S47A-02	ICOM		3.63E-03				
T2801	I-A-T28-01	ICOM		3.63E-04				
T2802	I-A-T28-02	ICOM		5.99E-04				
TT3901	I-A-TT-39-01	ICOM		4.99E-03				
TT4201	I-A-TT-42-01	ICOM		8.17E-04				
TT4301	I-A-TT-43-01	ICOM		4.54E-03				
TT6001	I-A-TT-60-01	ICOM		1.09E-03				
TT8401	I-A-TT-84-01	ICOM		0.01				

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TT9901	I-A-TT-99-01	ICOM		0.01				
TTS3801	I-A-TT-S38-01	ICOM		5.45E-04				
TTS4701	I-A-TT-S47-01	ICOM		5.45E-04				
TTS4801	I-A-TT-S48-01	ICOM		5.45E-04				
TTSE2301	I-A-TT-SE23-01	ICOM		1.09E-03				
WC10001	I-A-WC-100-01	ICOM		6.07E-04				
WC14401	I-A-WC-144-01	ICOM		1.82E-03				
WC9901	I-A-WC-99-01	ICOM		0.01				
FC28012	A-FC-280-12	ICOM -T		3.63E-03				
FC28023	A-FC-280-23	ICOM -T		9.06E-04				
FC36502	A-FC-365-02	ICOM -T		2.72E-03				
HP140902	A-HP-1409-02	ICOM -T		1.36E-03				
HP185411	A-HP-1854-11	ICOM -T		1.36E-03				
HP188006	A-HP-1880-06	ICOM -T		4.09E-03				
MP10711	A-MP-107-11	ICOM -T		2.03E-03				
MP10712	A-MP-107-12	ICOM -T		0.01				
FC28501	I-A-FC-285-01	ICOM -T		7.44E-04				
HP57510	I-A-HP-575-10	ICOM -T		7.26E-04				
MP10708	I-A-MP-107-08	ICOM -T		0.01				
MP10709	I-A-MP-107-09	ICOM -T		0.01				
MP10710	I-A-MP-107-10	ICOM -T		0.01				
FC1801	A-FC-FC18-01	LAND						1.96E-03
HP98201	A-HP-982-01	LAND						0.02
BM82005	A-BM-820-05	RDL						
HP106801	A-HP-1068-01	RDL						
HP111101	A-HP-1111-01	RDL						
HP4505	A-HP-45-05	RDL						
HP64503	A-HP-645-03	RDL						
HP90001	A-HP-900-01	RDL						
LCH4015	A-LCH-4015-04	RDL						
TT246373	A-TT-2463-73	RDL						
FC28010	A-FC-280-10	SURF		0.06			3.62	24.33
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF		0.06			3.62	24.33
FC28613	A-FC-286-13	SURF		0.06			3.62	24.33
FC28620	A-FC-286-20	SURF		0.06			3.62	24.33
HP104101	A-HP-1041-01	SURF		0.06			3.62	24.33
HP120278	A-HP-1202-78	SURF		0.06			3.62	24.33
HP124903	A-HP-1249-03	SURF		0.06			3.62	24.33
HP90801	A-HP-908-01	SURF		0.06			3.62	24.33
HP101601	I-A-HP-1016-01	SURF		0.06			3.62	24.33
HP25701	I-A-HP-257-01	SURF		0.06			3.62	24.33
HP4001	I-A-HP-40-01	SURF		0.06			3.62	24.33
S112401	I-A-HP-S1124-01	SURF		0.06			3.62	24.33
SFC553A	I-A-SFC-553A-01	SURF		0.06			3.62	24.33
FC44001	I-A-FC-440-01	WWT						

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HP96110	HP-961-10	AST/UST					7.63	5.66
FC19501U	I-FC-195-01U	AST/UST					4.31	3.20
FC24101	I-FC-241-01A	AST/UST					15.03	11.15
FC2981	I-FC-298-01U	AST/UST					6.46	4.79
FC2982	I-FC-298-02U	AST/UST					6.46	4.79
FC2983	I-FC-298-03U	AST/UST					6.46	4.79
12321	I-HP-1232-01U	AST/UST					6.46	4.79
12322	I-HP-1232-02U	AST/UST					6.46	4.79
12323	I-HP-1232-03U	AST/UST					6.46	4.79
12324	I-HP-1232-04U	AST/UST					6.46	4.79
HP161301	I-HP-1613-01A	AST/UST					20.26	15.03
HP161302	I-HP-1613-02A	AST/UST					20.26	15.03
HP161303	I-HP-1613-03A	AST/UST					20.26	15.03
HP3001U	I-HP-30-01U	AST/UST					0.72	0.53
HP96101	I-HP-961-01A	AST/UST					7.55	5.60
HP96102	I-HP-961-02A	AST/UST					7.55	5.60
HP96107A	I-HP-961-07A	AST/UST					5.34	4.00
HP1002	I-HP-HP100-05U	AST/UST					1.44	1.07
HP2371	I-HP-HP237-05U	AST/UST					1.72	1.28
LC40341	I-LCH-4034-01A	AST/UST					18.46	13.69
LC40342	I-LCH-4034-02A	AST/UST					18.46	13.69
LC40343	I-LCH-4034-03A	AST/UST					5.59	4.14
M9003U	I-M-90-03U	AST/UST					0.72	0.53
NH1181A	I-NH-118-01A	AST/UST					18.46	13.69
STP44602	I-PG-STP-446-02A	AST/UST					4.55	3.38
PP193202	I-PP-1932-02U	AST/UST					0.72	0.53
PP82001U	I-PP-820-01U	AST/UST					6.46	4.79
PP82002U	I-PP-820-02U	AST/UST					6.46	4.79
PP82003U	I-PP-820-03U	AST/UST					6.46	4.79
TT24781	I-TT-2478-01U	AST/UST					6.46	4.79
TT24782	I-TT-2478-02U	AST/UST					6.46	4.79
TT24783	I-TT-2478-03U	AST/UST					6.46	4.79
TT49	I-TT-69-01U (TT-49-1)	AST/UST					0.72	0.53
HP120201	I-A-HP-1202-01	DEGR	927.31	314.34			482.04	322.93
HP124902	I-A-HP-1249-02	DEGR	927.31	314.34			482.04	322.93
HP131101	I-A-HP-1311-01	DEGR	927.31	314.34			482.04	322.93
HP170001	A-HP-1700-01	ECOM	0.03		2.21E-04	2.06E-03	0.05	4.38E-03
HP170002	A-HP-1700-02	ECOM	0.03		2.21E-04	2.06E-03	0.05	4.38E-03
HP170003	A-HP-1700-03	ECOM	0.03		2.21E-04	2.06E-03	0.05	4.38E-03
HP170004	A-HP-1700-04	ECOM	0.03		2.21E-04	2.06E-03	0.05	4.38E-03
HP170005	A-HP-1700-05	ECOM					0.04	
MP62572	A-MP-625-72	ECOM					0.01	
MP62573	A-MP-625-73	ECOM					0.01	
MP62574	A-MP-625-74	ECOM					0.01	
NH10001	A-NH-100-01	ECOM					0.01	
NH10002	A-NH-100-02	ECOM					0.01	
BM205001	I-A-BM-2050-01	ECOM					1.28E-05	
BM205101	I-A-BM-2051-01	ECOM					1.28E-05	
BM540080	I-A-BM-5400-80	ECOM					1.08E-03	
BM540081	I-A-BM-5400-81	ECOM					1.08E-03	
BM82512	I-A-BM-825-12	ECOM					2.45E-03	
BM82513	I-A-BM-825-13	ECOM					2.45E-03	
BM825H1	I-A-BM-825-H1	ECOM					6.45E-04	
BM83506	I-A-BM-835-06	ECOM					1.29E-03	
BM83507	I-A-BM-835-07	ECOM					1.29E-03	
BM890H10	I-A-BM-890-H10	ECOM					3.44E-04	
BM890H9	I-A-BM-890-H9	ECOM					5.16E-04	
FC26090	I-A-FC-260-90	ECOM					6.11E-04	
FC36201	I-A-FC-362-01	ECOM					1.25E-05	
FC43601	I-A-FC-436-01	ECOM					1.25E-05	
FC44087	I-A-FC-440-04	ECOM					3.61E-04	
HP202720	I-A-HP-2027-20	ECOM					3.15E-03	
HP202721	I-A-HP-2027-21	ECOM					3.15E-03	
P2027H13	I-A-HP-2027-H13	ECOM					2.58E-04	
P2027H14	I-A-HP-2027-H14	ECOM					2.58E-04	
P2027H15	I-A-HP-2028-H15	ECOM					2.58E-04	

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P2027H16	I-A-HP-2028-H16	ECOM					2.58E-04	
HP4075	I-A-HP-40-75	ECOM					1.75E-03	
HP4076	I-A-HP-40-76	ECOM					1.64E-03	
HP67088	I-A-HP-670-88	ECOM					2.80E-04	
HP73859	I-A-HP-738-59	ECOM					2.01E-04	
HP98931	I-A-HP-989-31	ECOM					4.66E-04	
LC401417	I-A-LCH-4014-17	ECOM					9.72E-04	
LC402219	I-A-LCH-4022-19	ECOM					2.71E-04	
MGSH858	I-A-MG-SH8-58	ECOM					5.03E-04	
MP23038	I-A-MP-230-38	ECOM					3.60E-03	
MP23039	I-A-MP-230-39	ECOM					3.60E-03	
MP23040	I-A-MP-230-40	ECOM					3.60E-03	
MP23102	I-A-MP-231-02	ECOM					3.58E-05	
NH10005	I-A-NH-100-05	ECOM					1.80E-03	
NH11803	I-A-NH-118-03	ECOM					2.67E-04	
NH12004	I-A-NH-120-04	ECOM					1.47E-04	
NH120H4	I-A-NH-120-H4	ECOM					4.30E-04	
NH12101	I-A-NH-121-01	ECOM					1.89E-04	
NH121H1	I-A-NH-121-H1	ECOM					3.44E-04	
PP20101	I-A-PP-201-01	ECOM					2.24E-05	
PP20102	I-A-PP-201-02	ECOM					2.24E-05	
PP20103	I-A-PP-201-03	ECOM					2.24E-05	
PP202	I-A-PP-2-02	ECOM					1.28E-05	
PP203	I-A-PP-2-03	ECOM					1.28E-05	
PP204	I-A-PP-2-04	ECOM					1.28E-05	
PP205	I-A-PP-2-05	ECOM					1.28E-05	
PP206	I-A-PP-2-06	ECOM					1.28E-05	
P261509B	I-A-PP-2615-09B	ECOM					4.03E-05	
P261510B	I-A-PP-2615-10B	ECOM					4.03E-05	
PP261511	I-A-PP-2615-11B	ECOM					6.43E-05	
PP261701	I-A-PP-2617-01	ECOM					3.17E-05	
PP401	I-A-PP-4-01	ECOM					1.25E-05	
TT245766	I-A-TT-2457-66	ECOM					4.26E-04	
TT4430	I-A-TT-44-30	ECOM					1.94E-04	
TT6078	I-A-TT-60-78	ECOM					1.20E-03	
TT6079	I-A-TT-60-79	ECOM					1.20E-03	
TT8423	I-A-TT-84-23	ECOM					3.84E-05	
TT8424	I-A-TT-84-24	ECOM					3.84E-05	
TT84H11	I-A-TT-84-H11	ECOM					6.08E-06	
TT84H12	I-A-TT-84-H12	ECOM					1.28E-05	
TT8625	I-A-TT-86-25	ECOM					3.84E-05	
TT8626	I-A-TT-86-26	ECOM					3.84E-05	
WC10002	I-A-WC-100-02	ECOM					1.28E-05	
WC10003	I-A-WC-100-03	ECOM					1.28E-05	
WC10004	I-A-WC-100-04	ECOM					1.28E-05	
WC10005	I-A-WC-100-05	ECOM					4.80E-05	
WC10501	I-A-WC-105-01	ECOM					1.92E-05	
WC10502	I-A-WC-105-02	ECOM					1.92E-05	
WC11001	I-A-WC-110-01	ECOM					1.92E-05	
WC11002	I-A-WC-110-02	ECOM					1.92E-05	
WC11501	I-A-WC-115-01	ECOM					1.92E-05	
WC11502	I-A-WC-115-02	ECOM					1.92E-05	
WC12001	I-A-WC-120-01	ECOM					1.92E-05	
WC12002	I-A-WC-120-02	ECOM					1.92E-05	
WC12401	I-A-WC-124-01	ECOM					1.92E-05	
WC12402	I-A-WC-124-02	ECOM					1.92E-05	
WC12501	I-A-WC-125-01	ECOM					1.92E-05	
WC12502	I-A-WC-125-02	ECOM					1.92E-05	
WC13001	I-A-WC-130-01	ECOM					1.92E-05	
WC13002	I-A-WC-130-02	ECOM					1.92E-05	
WC13501	I-A-WC-135-01	ECOM					1.92E-05	
WC13502	I-A-WC-135-02	ECOM					2.24E-05	
WC14601	I-A-WC-146-01	ECOM					1.28E-05	
WC14602	I-A-WC-146-02	ECOM					1.28E-05	
HP96110D	HP-961-10	FDSP					0.61	1.63
C19501UD	I-FC-195-01U	FDSP					0.61	1.63

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FC24101D	I-FC-241-01A	FDSP					0.61	1.63
FC2981D	I-FC-298-01U	FDSP					0.61	1.63
FC2982D	I-FC-298-02U	FDSP					0.61	1.63
FC2983D	I-FC-298-03U	FDSP					0.61	1.63
12321D	I-HP-1232-01U	FDSP					0.61	1.63
12322D	I-HP-1232-02U	FDSP					0.61	1.63
12323D	I-HP-1232-03U	FDSP					0.61	1.63
12324D	I-HP-1232-04U	FDSP					0.61	1.63
P161301D	I-HP-1613-01A	FDSP					0.61	1.63
P161302D	I-HP-1613-02A	FDSP					0.61	1.63
P161303D	I-HP-1613-03A	FDSP					0.61	1.63
HP3001UD	I-HP-30-01U	FDSP					0.61	1.63
HP96101D	I-HP-961-01A	FDSP					0.61	1.63
HP96102D	I-HP-961-02A	FDSP					0.61	1.63
P96107AD	I-HP-961-07A	FDSP					0.15	0.27
HP1002D	I-HP-HP100-05U	FDSP					0.61	1.63
HP2371D	I-HP-HP237-05U	FDSP					0.61	1.63
LC40341D	I-LCH-4034-01A	FDSP					0.61	1.63
LC40342D	I-LCH-4034-02A	FDSP					0.61	1.63
LC40343D	I-LCH-4034-03A	FDSP					0.61	1.63
M9003UD	I-M-90-03U	FDSP					0.61	1.63
NH1181AD	I-NH-118-01A	FDSP					0.61	1.63
TP44602D	I-PG-STP-446-02A	FDSP					0.61	1.63
P193202D	I-PP-1932-02U	FDSP					0.61	1.63
P82001UD	I-PP-820-01U	FDSP					0.61	1.63
P82002UD	I-PP-820-02U	FDSP					0.61	1.63
P82003UD	I-PP-820-03U	FDSP					0.61	1.63
TT24781D	I-TT-2478-01U	FDSP					0.61	1.63
TT24782D	I-TT-2478-02U	FDSP					0.61	1.63
TT24783D	I-TT-2478-03U	FDSP					0.61	1.63
TT49D	I-TT-69-01U (TT-49-1)	FDSP					0.61	1.63
TP44601	A-HP-TP-446-01	FIRE						
FC28024	A-FC-280-24	ICOM					1.48E-03	2.76E-03
FC44203	A-FC-442-03	ICOM					0.02	0.04
FC44302	A-FC-443-02	ICOM					0.02	0.04
FC44501	A-FC-445-01	ICOM					0.02	0.04
FC54001	A-FC-540-01	ICOM					0.04	0.07
HP123002	A-HP-1230-02	ICOM					0.03	0.05
HP12801	A-HP-128-01	ICOM					0.02	0.03
HP170013	A-HP-1700-13	ICOM					0.01	0.02
HP22701	A-HP-227-01	ICOM					0.02	0.04
HP41101	A-HP-411-01	ICOM					0.01	0.02
HP4501	A-HP-45-01	ICOM					0.04	0.07
HP5402	A-HP-54-02	ICOM					0.01	0.02
HP59001	A-HP-590-01	ICOM					0.02	0.04
HP901	A-HP-9-01	ICOM					0.01	0.02
MP45501B	A-MP-455-01B	ICOM					0.03	0.06
MP45502B	A-MP-455-02B	ICOM					0.01	0.03
NH10010B	A-NH-100-10B	ICOM					0.03	0.05
NH10011B	A-NH-100-11B	ICOM					0.03	0.05
NH10012B	A-NH-100-12B	ICOM					0.03	0.05
BM462	I-A-BM-46-2	ICOM					1.11E-03	2.07E-03
BM540002	I-A-BM-5400-02	ICOM					1.85E-03	3.46E-03
BM60701	I-A-BM-607-01	ICOM					9.25E-04	1.73E-03
BM83502	I-A-BM-835-02	ICOM					1.22E-03	2.28E-03
BM83503	I-A-BM-835-03	ICOM					0.01	0.01
BM84201	I-A-BM-842-01	ICOM					3.70E-03	0.01
FC104102	I-A-FC-1041-02	ICOM					0.01	0.02
FC10701	I-A-FC-1070-1	ICOM					3.70E-03	0.01
FC11601	I-A-FC-116-01	ICOM					9.25E-04	1.73E-03
FC19902	I-A-FC-199-02	ICOM					2.22E-03	4.15E-03
FC25902	I-A-FC-259-02	ICOM					1.11E-03	2.07E-03
FC26002	I-A-FC-260-02	ICOM					3.70E-04	6.91E-04
FC29401	I-A-FC-294-01	ICOM					3.33E-03	0.01
FC30001	I-A-FC-300-01	ICOM					2.78E-03	0.01
FC30301	I-A-FC-303-01	ICOM					0.01	0.02

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FC31502	I-A-FC-315-02	ICOM					0.01	0.01
FC36402	I-A-FC-364-02	ICOM					2.22E-03	4.15E-03
FC3902	I-A-FC-39-02	ICOM					2.04E-03	3.80E-03
FC42001	I-A-FC-420-01	ICOM					2.04E-03	3.80E-03
FC59902	I-A-FC-599-02	ICOM					1.11E-03	2.07E-03
FCS51101	I-A-FC-S511-01	ICOM					1.85E-03	3.46E-03
HP100502	I-A-HP-1005-02	ICOM					0.01	0.02
HP102	I-A-HP-1-02	ICOM					4.63E-03	0.01
HP102301	I-A-HP-1023-01	ICOM					0.01	0.01
HP120101	I-A-HP-1201-01	ICOM					4.63E-03	0.01
HP120205	I-A-HP-1202-05	ICOM					3.70E-03	0.01
HP120207	I-A-HP-1202-07	ICOM					1.11E-03	2.07E-03
HP120211	I-A-HP-1202-11	ICOM					0.01	0.02
HP121201	I-A-HP-1212-01	ICOM					0.01	0.01
HP121202	I-A-HP-1212-02	ICOM					0.01	0.01
HP12201	I-A-HP-122-01	ICOM					0.01	0.03
HP123001	I-A-HP-1230-01	ICOM					1.85E-03	3.46E-03
HP140401	I-A-HP-1404-01	ICOM					1.67E-03	3.11E-03
HP1502	I-A-HP-15-02	ICOM					0.01	0.01
HP165001	I-A-HP-1650-01	ICOM					0.01	0.02
HP168801	I-A-HP-1688-01	ICOM					2.22E-03	4.15E-03
HP177601	I-A-HP-1776-01	ICOM					1.85E-03	3.46E-03
HP1801	I-A-HP-18-01	ICOM					0.01	0.01
HP2002	I-A-HP-20-02	ICOM					0.01	0.01
HP2004	I-A-HP-20-04	ICOM					0.01	0.01
HP21101	I-A-HP-211-01	ICOM					2.22E-03	4.15E-03
HP2402	I-A-HP-24-02	ICOM					4.81E-03	0.01
HP2403	I-A-HP-24-03	ICOM					0.01	0.03
HP261701	I-A-HP-2617-01	ICOM					0.01	0.01
HP303	I-A-HP-3-03	ICOM					0.01	0.02
HP31201	I-A-HP-312-01	ICOM					0.01	0.01
HP3401	I-A-HP-34-01	ICOM					9.25E-04	1.73E-03
HP35301	I-A-HP-353-01	ICOM					0.01	0.01
HP42501	I-A-HP-425-01	ICOM					0.01	0.02
HP501	I-A-HP-5-01	ICOM					0.01	0.02
HP518601	I-A-HP-5186-01	ICOM					9.25E-04	1.73E-03
HP52102	I-A-HP-521-02	ICOM					1.22E-03	2.28E-03
HP57501	I-A-HP-575-01	ICOM					1.48E-03	2.76E-03
HP5801	I-A-HP-58-01	ICOM					0.01	0.01
HP58401	I-A-HP-584-01	ICOM					1.85E-03	3.46E-03
HP58501	I-A-HP-585-01	ICOM					1.11E-03	2.07E-03
HP59501	I-A-HP-595-01	ICOM					1.30E-03	2.42E-03
HP59601	I-A-HP-596-01	ICOM					1.30E-03	2.42E-03
HP61101	I-A-HP-611-01	ICOM					1.30E-03	2.42E-03
HP61201	I-A-HP-612-01	ICOM					1.30E-03	2.42E-03
HP61401	I-A-HP-614-01	ICOM					2.22E-03	4.15E-03
HP61701	I-A-HP-617-01	ICOM					2.22E-03	4.15E-03
HP61801	I-A-HP-618-01	ICOM					2.22E-03	4.15E-03
HP61901	I-A-HP-619-01	ICOM					2.22E-03	4.15E-03
HP62101	I-A-HP-621-01	ICOM					2.22E-03	4.15E-03
HP92201	I-A-HP-622-01	ICOM					4.63E-03	0.01
HP62702	I-A-HP-627-02	ICOM					2.22E-03	4.15E-03
HP62801	I-A-HP-628-01	ICOM					4.44E-03	0.01
HP62901	I-A-HP-629-01	ICOM					1.30E-03	2.42E-03
HP63201	I-A-HP-632-01	ICOM					9.25E-04	1.73E-03
HP63501	I-A-HP-635-01	ICOM					2.22E-03	4.15E-03
HP64001	I-A-HP-640-01	ICOM					9.62E-04	1.80E-03
HP64101	I-A-HP-641-01	ICOM					9.25E-04	1.73E-03
HP64302	I-A-HP-643-02	ICOM					9.62E-04	1.80E-03
HP64401	I-A-HP-644-01	ICOM					9.25E-04	1.73E-03
HP64602	I-A-HP-646-02	ICOM					9.25E-04	1.73E-03
HP64702	I-A-HP-647-02	ICOM					9.62E-04	1.80E-03
HP64802	I-A-HP-648-02	ICOM					1.11E-03	2.07E-03
HP65001	I-A-HP-650-01	ICOM					2.22E-03	4.15E-03
HP6501	I-A-HP-65-01	ICOM					2.22E-03	4.15E-03
HP65201	I-A-HP-652-01	ICOM					1.11E-03	2.07E-03

Marine Corps Base Camp Lejeune [1a]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/hr)	METHYL ISOBUTYL KETONE [108-10-1] (lb/hr)	PHENOL [108-95-2] (lb/hr)	STYRENE [100-42-5] (lb/hr)	TOLUENE [108-88-3] (lb/hr)	XYLENE [1330-20-7] (lb/hr)
HP65401	I-A-HP-654-01	ICOM					9.25E-04	1.73E-03
HP66101	I-A-HP-661-01	ICOM					1.48E-03	2.76E-03
HP66201	I-A-HP-662-01	ICOM					1.30E-03	2.42E-03
HP66301	I-A-HP-663-01	ICOM					1.11E-03	2.07E-03
HP67102	I-A-HP-671-02	ICOM					0.01	0.02
HP67201	I-A-HP-672-01	ICOM					1.11E-03	2.07E-03
HP67302	I-A-HP-673-02	ICOM					0.01	0.03
HP69901	I-A-HP-699-01	ICOM					1.30E-03	2.42E-03
HP70001	I-A-HP-700-01	ICOM					1.30E-03	2.42E-03
HP70301	I-A-HP-703-01	ICOM					9.25E-04	1.73E-03
HP70401	I-A-HP-704-01	ICOM					7.40E-04	1.38E-03
HP70501	I-A-HP-705-01	ICOM					9.25E-04	1.73E-03
HP70801	I-A-HP-708-01	ICOM					1.48E-03	2.76E-03
HP70901	I-A-HP-709-01	ICOM					9.25E-04	1.73E-03
HP71001	I-A-HP-710-01	ICOM					1.30E-03	2.42E-03
HP71101	I-A-HP-711-01	ICOM					3.70E-04	6.91E-04
HP73802	I-A-HP-738-02	ICOM					1.67E-03	3.11E-03
HP74501	I-A-HP-745-01	ICOM					1.85E-03	3.46E-03
HP75101	I-A-HP-751-01	ICOM					3.70E-03	0.01
HP8501	I-A-HP-85-01	ICOM					9.62E-04	1.80E-03
HP85501	I-A-HP-855-01	ICOM					3.70E-04	6.91E-04
HP89501	I-A-HP-895-01	ICOM					2.07E-03	3.87E-03
HP90207	I-A-HP-902-07	ICOM					0.01	0.01
HP98201V	I-A-HP-982-01	ICOM					2.22E-03	4.15E-03
HP98501	I-A-HP-985-01	ICOM					5.00E-03	0.01
HP98902	I-A-HP-989-02	ICOM					2.22E-03	4.15E-03
HPH101	I-A-HP-H1-01	ICOM					0.01	0.01
HPH102	I-A-HP-H1-02	ICOM					4.63E-03	0.01
HPH103	I-A-HP-H1-03	ICOM					0.01	0.01
HPH105	I-A-HP-H1-05	ICOM					0.01	0.03
HPH106	I-A-HP-H1-06	ICOM					0.01	0.02
HPH2902	I-A-HP-H29-02	ICOM					1.22E-03	2.28E-03
HPHP102	I-A-HP-HP1-02	ICOM					0.01	0.01
HPPT4101	I-A-HP-PT41-01	ICOM					3.70E-04	6.91E-04
HPS14550	I-A-HP-S1455-01	ICOM					3.70E-04	6.91E-04
HPS17610	I-A-HP-S1761-01	ICOM					1.22E-03	2.28E-03
HPS18810	I-A-HP-S1881-01	ICOM					1.11E-03	2.07E-03
HPS4601	I-A-HP-S46-01	ICOM					1.11E-03	2.07E-03
HPS55701	I-A-HP-S557-01	ICOM					2.22E-03	4.15E-03
HPS55801	I-A-HP-S558-01	ICOM					3.70E-04	6.91E-04
HPS70201	I-A-HP-S702-01	ICOM					3.70E-04	6.91E-04
HPS76801	I-A-HP-S768-01	ICOM					2.22E-03	4.15E-03
LCH40050	I-A-LCH-4005-02	ICOM					3.00E-03	0.01
LCH40090	I-A-LCH-4009-02	ICOM					2.78E-03	0.01
MP10727	I-A-MP-107-24	ICOM					3.70E-04	6.91E-04
MP13101	I-A-MP-131-01	ICOM					0.01	0.01
MP16701	I-A-MP-167-01	ICOM					5.00E-03	0.01
MP24101	I-A-MP-241-01	ICOM					5.55E-04	1.04E-03
MP35003	I-A-MP-350-03	ICOM					0.01	0.02
MP45102	I-A-MP-451-02	ICOM					1.67E-03	3.11E-03
MP62503	I-A-MP-625-03	ICOM					0.01	0.02
M12801	I-A-MP-M128-01	ICOM					9.25E-04	1.73E-03
NH12002	I-A-NH-120-02	ICOM					1.30E-03	2.42E-03
PP191903	I-A-PP-1919-03	ICOM					1.67E-03	3.11E-03
PP201	I-A-PP-2-01	ICOM					0.01	0.01
PP210002	I-A-PP-2100-02	ICOM					7.40E-04	1.38E-03
PPS19480	I-A-PP-S1948-02	ICOM					5.55E-04	1.04E-03
PPS26330	I-A-PP-S2633-01	ICOM					1.11E-03	2.07E-03
PPS47A02	I-A-PP-S47A-02	ICOM					0.01	0.01
T2801	I-A-T28-01	ICOM					7.40E-04	1.38E-03
T2802	I-A-T28-02	ICOM					1.22E-03	2.28E-03
TT3901	I-A-TT-39-01	ICOM					0.01	0.02
TT4201	I-A-TT-42-01	ICOM					1.67E-03	3.11E-03
TT4301	I-A-TT-43-01	ICOM					0.01	0.02
TT6001	I-A-TT-60-01	ICOM					2.22E-03	4.15E-03
TT8401	I-A-TT-84-01	ICOM					0.01	0.02

Marine Corps Base Camp Lejeune [1a]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/hr)	METHYL ISOBUTYL KETONE [108-10-1] (lb/hr)	PHENOL [108-95-2] (lb/hr)	STYRENE [100-42-5] (lb/hr)	TOLUENE [108-88-3] (lb/hr)	XYLENE [1330-20-7] (lb/hr)
TT9901	I-A-TT-99-01	ICOM					0.01	0.02
TTS3801	I-A-TT-S38-01	ICOM					1.11E-03	2.07E-03
TTS4701	I-A-TT-S47-01	ICOM					1.11E-03	2.07E-03
TTS4801	I-A-TT-S48-01	ICOM					1.11E-03	2.07E-03
TTSE2301	I-A-TT-SE23-01	ICOM					2.22E-03	4.15E-03
WC10001	I-A-WC-100-01	ICOM					0.01	0.02
WC14401	I-A-WC-144-01	ICOM					3.70E-03	0.01
WC9901	I-A-WC-99-01	ICOM					0.01	0.02
FC28012	A-FC-280-12	ICOM -T					0.01	0.01
FC28023	A-FC-280-23	ICOM -T					0.02	0.03
FC36502	A-FC-365-02	ICOM -T					0.01	0.01
HP140902	A-HP-1409-02	ICOM -T					2.78E-03	0.01
HP185411	A-HP-1854-11	ICOM -T					0.03	0.05
HP188006	A-HP-1880-06	ICOM -T					0.01	0.02
MP10711	A-MP-107-11	ICOM -T					4.15E-03	0.01
MP10712	A-MP-107-12	ICOM -T					0.01	0.02
FC28501	I-A-FC-285-01	ICOM -T					1.52E-03	2.83E-03
HP57510	I-A-HP-575-10	ICOM -T					1.48E-03	2.76E-03
MP10708	I-A-MP-107-08	ICOM -T					0.01	0.03
MP10709	I-A-MP-107-09	ICOM -T					0.01	0.03
MP10710	I-A-MP-107-10	ICOM -T					0.01	0.03
FC1801	A-FC-FC18-01	LAND	0.01	1.78E-03				0.05
HP98201	A-HP-982-01	LAND	0.11	0.01				0.39
BM82005	A-BM-820-05	RDL					61.00	150.94
HP106801	A-HP-1068-01	RDL					45.38	119.57
HP111101	A-HP-1111-01	RDL					3.97	5.57
HP4505	A-HP-45-05	RDL					20.88	55.75
HP64503	A-HP-645-03	RDL					3.52	10.45
HP90001	A-HP-900-01	RDL					20.88	55.75
LCH4015	A-LCH-4015-04	RDL					11.15	46.39
TT246373	A-TT-2463-73	RDL					20.88	55.75
FC28010	A-FC-280-10	SURF	528.56	179.17	13.77	153.68	274.76	736.29
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF	528.56	179.17	13.77	153.68	274.76	736.29
FC28613	A-FC-286-13	SURF	528.56	179.17	13.77	153.68	274.76	736.29
FC28620	A-FC-286-20	SURF	528.56	179.17	13.77	153.68	274.76	736.29
HP104101	A-HP-1041-01	SURF	528.56	179.17	13.77	153.68	274.76	736.29
HP120278	A-HP-1202-78	SURF	528.56	179.17	13.77	153.68	274.76	736.29
HP124903	A-HP-1249-03	SURF	528.56	179.17	13.77	153.68	274.76	736.29
HP90801	A-HP-908-01	SURF	528.56	179.17	13.77	153.68	274.76	736.29
HP101601	I-A-HP-1016-01	SURF	528.56	179.17	13.77	153.68	274.76	736.29
HP25701	I-A-HP-257-01	SURF	528.56	179.17	13.77	153.68	274.76	736.29
HP4001	I-A-HP-40-01	SURF	528.56	179.17	13.77	153.68	274.76	736.29
S112401	I-A-HP-S1124-01	SURF	528.56	179.17	13.77	153.68	274.76	736.29
SFC553A	I-A-SFC-553A-01	SURF	528.56	179.17	13.77	153.68	274.76	736.29
FC44001	I-A-FC-440-01	WWT					0.06	0.14

Marine Corps Base Camp Lejeune [1b]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN CYANIDE [74-90-8] (lb/day)
HP96110	HP-961-10	AST/UST					179.77	
FC19501U	I-FC-195-01U	AST/UST					100.82	
FC24101	I-FC-241-01A	AST/UST					351.77	
FC2981	I-FC-298-01U	AST/UST					168.03	
FC2982	I-FC-298-02U	AST/UST					168.03	
FC2983	I-FC-298-03U	AST/UST					168.03	
12321	I-HP-1232-01U	AST/UST					201.63	
12322	I-HP-1232-02U	AST/UST					201.63	
12323	I-HP-1232-03U	AST/UST					201.63	
12324	I-HP-1232-04U	AST/UST					201.63	
HP161301	I-HP-1613-01A	AST/UST					527.51	
HP161302	I-HP-1613-02A	AST/UST					527.51	
HP161303	I-HP-1613-03A	AST/UST					527.51	
HP3001U	I-HP-30-01U	AST/UST					16.80	
HP96101	I-HP-961-01A	AST/UST					176.86	
HP96102	I-HP-961-02A	AST/UST					176.86	
HP96107A	I-HP-961-07A	AST/UST					129.73	
HP1002	I-HP-HP100-05U	AST/UST					33.61	
HP2371	I-HP-HP237-05U	AST/UST					40.33	
LC40341	I-LCH-4034-01A	AST/UST					449.71	
LC40342	I-LCH-4034-02A	AST/UST					449.71	
LC40343	I-LCH-4034-03A	AST/UST					130.73	
M9003U	I-M-90-03U	AST/UST					16.80	
NH1181A	I-NH-118-01A	AST/UST					449.71	
STP44602	I-PG-STP-446-02A	AST/UST					106.51	
PP193202	I-PP-1932-02U	AST/UST					16.80	
PP82001U	I-PP-820-01U	AST/UST					168.03	
PP82002U	I-PP-820-02U	AST/UST					168.03	
PP82003U	I-PP-820-03U	AST/UST					168.03	
TT24781	I-TT-2478-01U	AST/UST					168.03	
TT24782	I-TT-2478-02U	AST/UST					168.03	
TT24783	I-TT-2478-03U	AST/UST					168.03	
TT49	I-TT-69-01U (TT-49-1)	AST/UST					16.80	
HP120201	I-A-HP-1202-01	DEGR						
HP124902	I-A-HP-1249-02	DEGR						
HP131101	I-A-HP-1311-01	DEGR						
HP170001	A-HP-1700-01	ECOM	6,666.80	0.19		406.01	1.09	6,358.95
HP170002	A-HP-1700-02	ECOM	6,666.80	0.19		406.01	1.09	6,358.95
HP170003	A-HP-1700-03	ECOM	5,185.29	0.19		406.01	1.09	6,358.95
HP170004	A-HP-1700-04	ECOM	5,185.29	0.19		406.01	1.09	6,358.95
HP170005	A-HP-1700-05	ECOM	89.28			336.87	592.89	2,860.80
MP62572	A-MP-625-72	ECOM	28.14			106.17	186.85	901.60
MP62573	A-MP-625-73	ECOM	28.14			106.17	186.85	901.60
MP62574	A-MP-625-74	ECOM	28.14			106.17	186.85	901.60
NH10001	A-NH-100-01	ECOM	13.76			51.93	91.40	441.01
NH10002	A-NH-100-02	ECOM	13.76			51.93	91.40	441.01
BM205001	I-A-BM-2050-01	ECOM					2.50	
BM205101	I-A-BM-2051-01	ECOM					2.50	
BM540080	I-A-BM-5400-80	ECOM	2.57			8.86		75.28
BM540081	I-A-BM-5400-81	ECOM	2.57			8.86		75.28
BM82512	I-A-BM-825-12	ECOM	5.85			20.21		171.65
BM82513	I-A-BM-825-13	ECOM	5.85			20.21		171.65
BM825H1	I-A-BM-825-H1	ECOM	1.54			5.32		45.17
BM83506	I-A-BM-835-06	ECOM	3.08			10.64		90.34
BM83507	I-A-BM-835-07	ECOM	3.08			10.64		90.34
BM890H10	I-A-BM-890-H10	ECOM	0.82			2.84		24.09
BM890H9	I-A-BM-890-H9	ECOM	1.23			4.26		36.14
FC26090	I-A-FC-260-90	ECOM	1.46			5.04		42.76
FC36201	I-A-FC-362-01	ECOM					2.43	
FC43601	I-A-FC-436-01	ECOM					2.43	
FC44087	I-A-FC-440-04	ECOM	0.86			2.98		25.30

Marine Corps Base Camp Lejeune [1b]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN CYANIDE [74-90-8] (lb/day)
HP202720	I-A-HP-2027-20	ECOM	7.52			25.97		220.58
HP202721	I-A-HP-2027-21	ECOM	7.52			25.97		220.58
P2027H13	I-A-HP-2027-H13	ECOM	0.62			2.13		18.07
P2027H14	I-A-HP-2027-H14	ECOM	0.62			2.13		18.07
P2027H15	I-A-HP-2028-H15	ECOM	0.62			2.13		18.07
P2027H16	I-A-HP-2028-H16	ECOM	0.62			2.13		18.07
HP4075	I-A-HP-40-75	ECOM	4.18			14.43		122.56
HP4076	I-A-HP-40-76	ECOM	3.91			13.50		114.67
HP67088	I-A-HP-670-88	ECOM	0.67			2.30		19.57
HP73859	I-A-HP-738-59	ECOM	0.48			1.66		14.09
HP98931	I-A-HP-989-31	ECOM	1.11			3.84		32.64
LC401417	I-A-LCH-4014-17	ECOM	2.32			8.01		68.06
LC402219	I-A-LCH-4022-19	ECOM	0.65			2.23		18.97
MGSH858	I-A-MG-SH8-58	ECOM	1.20			4.15		35.23
MP23038	I-A-MP-230-38	ECOM	8.59			29.68	52.24	252.05
MP23039	I-A-MP-230-39	ECOM	8.59			29.68	52.24	252.05
MP23040	I-A-MP-230-40	ECOM	8.59			29.68	52.24	252.05
MP23102	I-A-MP-231-02	ECOM					6.99	
NH10005	I-A-NH-100-05	ECOM	4.29			14.84	26.11	126.00
NH11803	I-A-NH-118-03	ECOM	0.64			2.20		18.67
NH12004	I-A-NH-120-04	ECOM	0.35			1.21		10.30
NH120H4	I-A-NH-120-H4	ECOM	1.03			3.55		30.11
NH12101	I-A-NH-121-01	ECOM	0.45			1.56		13.25
NH121H1	I-A-NH-121-H1	ECOM	0.82			2.84		24.09
PP20101	I-A-PP-201-01	ECOM					4.37	
PP20102	I-A-PP-201-02	ECOM					4.37	
PP20103	I-A-PP-201-03	ECOM					4.37	
PP202	I-A-PP-2-02	ECOM					2.50	
PP203	I-A-PP-2-03	ECOM					2.50	
PP204	I-A-PP-2-04	ECOM					2.50	
PP205	I-A-PP-2-05	ECOM					2.50	
PP206	I-A-PP-2-06	ECOM					2.50	
P261509B	I-A-PP-2615-09B	ECOM					7.87	
P261510B	I-A-PP-2615-10B	ECOM					7.87	
PP261511	I-A-PP-2615-11B	ECOM					12.54	
PP261701	I-A-PP-2617-01	ECOM					6.18	
PP401	I-A-PP-4-01	ECOM					2.43	
TT245766	I-A-TT-2457-66	ECOM	1.02			3.51		29.81
TT4430	I-A-TT-44-30	ECOM	0.46			1.60		13.55
TT6078	I-A-TT-60-78	ECOM	2.87			9.93		84.32
TT6079	I-A-TT-60-79	ECOM	2.87			9.93		84.32
TT8423	I-A-TT-84-23	ECOM					7.49	
TT8424	I-A-TT-84-24	ECOM					7.49	
TT84H11	I-A-TT-84-H11	ECOM					1.19	
TT84H12	I-A-TT-84-H12	ECOM					2.49	
TT8625	I-A-TT-86-25	ECOM					7.49	
TT8626	I-A-TT-86-26	ECOM					7.49	
WC10002	I-A-WC-100-02	ECOM					2.50	
WC10003	I-A-WC-100-03	ECOM					2.50	
WC10004	I-A-WC-100-04	ECOM					2.50	
WC10005	I-A-WC-100-05	ECOM					9.36	
WC10501	I-A-WC-105-01	ECOM					3.74	
WC10502	I-A-WC-105-02	ECOM					3.74	
WC11001	I-A-WC-110-01	ECOM					3.74	
WC11002	I-A-WC-110-02	ECOM					3.74	
WC11501	I-A-WC-115-01	ECOM					3.74	
WC11502	I-A-WC-115-02	ECOM					3.74	
WC12001	I-A-WC-120-01	ECOM					3.74	
WC12002	I-A-WC-120-02	ECOM					3.74	
WC12401	I-A-WC-124-01	ECOM					3.74	
WC12402	I-A-WC-124-02	ECOM					3.74	

Marine Corps Base Camp Lejeune [1b]
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Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN CYANIDE [74-90-8] (lb/day)
WC12501	I-A-WC-125-01	ECOM					3.74	
WC12502	I-A-WC-125-02	ECOM					3.74	
WC13001	I-A-WC-130-01	ECOM					3.74	
WC13002	I-A-WC-130-02	ECOM					3.74	
WC13501	I-A-WC-135-01	ECOM					3.74	
WC13502	I-A-WC-135-02	ECOM					4.37	
WC14601	I-A-WC-146-01	ECOM					2.50	
WC14602	I-A-WC-146-02	ECOM					2.50	
HP96110D	HP-961-10	FDSP					39.80	
C19501UD	I-FC-195-01U	FDSP					24.88	
FC24101D	I-FC-241-01A	FDSP					31.10	
FC2981D	I-FC-298-01U	FDSP					39.80	
FC2982D	I-FC-298-02U	FDSP					39.80	
FC2983D	I-FC-298-03U	FDSP					39.80	
12321D	I-HP-1232-01U	FDSP					39.80	
12322D	I-HP-1232-02U	FDSP					39.80	
12323D	I-HP-1232-03U	FDSP					39.80	
12324D	I-HP-1232-04U	FDSP					39.80	
P161301D	I-HP-1613-01A	FDSP					39.80	
P161302D	I-HP-1613-02A	FDSP					39.80	
P161303D	I-HP-1613-03A	FDSP					39.80	
HP3001UD	I-HP-30-01U	FDSP					4.15	
HP96101D	I-HP-961-01A	FDSP					39.80	
HP96102D	I-HP-961-02A	FDSP					39.80	
P96107AD	I-HP-961-07A	FDSP					7.46	
HP1002D	I-HP-HP100-05U	FDSP					8.29	
HP2371D	I-HP-HP237-05U	FDSP					9.95	
LC40341D	I-LCH-4034-01A	FDSP					39.80	
LC40342D	I-LCH-4034-02A	FDSP					39.80	
LC40343D	I-LCH-4034-03A	FDSP					10.37	
M9003UD	I-M-90-03U	FDSP					4.15	
NH1181AD	I-NH-118-01A	FDSP					39.80	
TP44602D	I-PG-STP-446-02A	FDSP					8.29	
P193202D	I-PP-1932-02U	FDSP					4.15	
P82001UD	I-PP-820-01U	FDSP					39.80	
P82002UD	I-PP-820-02U	FDSP					39.80	
P82003UD	I-PP-820-03U	FDSP					39.80	
TT24781D	I-TT-2478-01U	FDSP					39.80	
TT24782D	I-TT-2478-02U	FDSP					39.80	
TT24783D	I-TT-2478-03U	FDSP					39.80	
TT49D	I-TT-69-01U (TT-49-1)	FDSP					4.15	
FC28024	A-FC-280-24	ICOM						
FC44203	A-FC-442-03	ICOM						
FC44302	A-FC-443-02	ICOM						
FC44501	A-FC-445-01	ICOM						
FC54001	A-FC-540-01	ICOM						
HP123002	A-HP-1230-02	ICOM						
HP12801	A-HP-128-01	ICOM						
HP170013	A-HP-1700-13	ICOM						
HP22701	A-HP-227-01	ICOM						
HP41101	A-HP-411-01	ICOM						
HP4501	A-HP-45-01	ICOM						
HP5402	A-HP-54-02	ICOM						
HP59001	A-HP-590-01	ICOM						
HP901	A-HP-9-01	ICOM						
MP45501B	A-MP-455-01B	ICOM						
MP45502B	A-MP-455-02B	ICOM						
NH10010B	A-NH-100-10B	ICOM						
NH10011B	A-NH-100-11B	ICOM						
NH10012B	A-NH-100-12B	ICOM						
BM462	I-A-BM-46-2	ICOM						

Marine Corps Base Camp Lejeune [1b]
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Zone A: Requested Daily Limits

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Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN CYANIDE [74-90-8] (lb/day)
BM540002	I-A-BM-5400-02	ICOM						
BM60701	I-A-BM-607-01	ICOM						
BM83502	I-A-BM-835-02	ICOM						
BM83503	I-A-BM-835-03	ICOM						
BM84201	I-A-BM-842-01	ICOM						
FC104102	I-A-FC-1041-02	ICOM						
FC10701	I-A-FC-1070-1	ICOM						
FC11601	I-A-FC-116-01	ICOM						
FC19902	I-A-FC-199-02	ICOM						
FC25902	I-A-FC-259-02	ICOM						
FC26002	I-A-FC-260-02	ICOM						
FC29401	I-A-FC-294-01	ICOM						
FC30001	I-A-FC-300-01	ICOM						
FC30301	I-A-FC-303-01	ICOM						
FC31502	I-A-FC-315-02	ICOM						
FC36402	I-A-FC-364-02	ICOM						
FC3902	I-A-FC-39-02	ICOM						
FC42001	I-A-FC-420-01	ICOM						
FC59902	I-A-FC-599-02	ICOM						
FCS51101	I-A-FC-S511-01	ICOM						
HP100502	I-A-HP-1005-02	ICOM						
HP102	I-A-HP-1-02	ICOM						
HP102301	I-A-HP-1023-01	ICOM						
HP120101	I-A-HP-1201-01	ICOM						
HP120205	I-A-HP-1202-05	ICOM						
HP120207	I-A-HP-1202-07	ICOM						
HP120211	I-A-HP-1202-11	ICOM						
HP121201	I-A-HP-1212-01	ICOM						
HP121202	I-A-HP-1212-02	ICOM						
HP12201	I-A-HP-122-01	ICOM						
HP123001	I-A-HP-1230-01	ICOM						
HP140401	I-A-HP-1404-01	ICOM						
HP1502	I-A-HP-15-02	ICOM						
HP165001	I-A-HP-1650-01	ICOM						
HP168801	I-A-HP-1688-01	ICOM						
HP177601	I-A-HP-1776-01	ICOM						
HP1801	I-A-HP-18-01	ICOM						
HP2002	I-A-HP-20-02	ICOM						
HP2004	I-A-HP-20-04	ICOM						
HP21101	I-A-HP-211-01	ICOM						
HP2402	I-A-HP-24-02	ICOM						
HP2403	I-A-HP-24-03	ICOM						
HP261701	I-A-HP-2617-01	ICOM						
HP303	I-A-HP-3-03	ICOM						
HP31201	I-A-HP-312-01	ICOM						
HP3401	I-A-HP-34-01	ICOM						
HP35301	I-A-HP-353-01	ICOM						
HP42501	I-A-HP-425-01	ICOM						
HP501	I-A-HP-5-01	ICOM						
HP518601	I-A-HP-5186-01	ICOM						
HP52102	I-A-HP-521-02	ICOM						
HP57501	I-A-HP-575-01	ICOM						
HP5801	I-A-HP-58-01	ICOM						
HP58401	I-A-HP-584-01	ICOM						
HP58501	I-A-HP-585-01	ICOM						
HP59501	I-A-HP-595-01	ICOM						
HP59601	I-A-HP-596-01	ICOM						
HP61101	I-A-HP-611-01	ICOM						
HP61201	I-A-HP-612-01	ICOM						
HP61401	I-A-HP-614-01	ICOM						
HP61701	I-A-HP-617-01	ICOM						

Marine Corps Base Camp Lejeune [1b]
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Zone A: Requested Daily Limits

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Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN CYANIDE [74-90-8] (lb/day)
HP61801	I-A-HP-618-01	ICOM						
HP61901	I-A-HP-619-01	ICOM						
HP62101	I-A-HP-621-01	ICOM						
HP92201	I-A-HP-622-01	ICOM						
HP62702	I-A-HP-627-02	ICOM						
HP62801	I-A-HP-628-01	ICOM						
HP62901	I-A-HP-629-01	ICOM						
HP63201	I-A-HP-632-01	ICOM						
HP63501	I-A-HP-635-01	ICOM						
HP64001	I-A-HP-640-01	ICOM						
HP64101	I-A-HP-641-01	ICOM						
HP64302	I-A-HP-643-02	ICOM						
HP64401	I-A-HP-644-01	ICOM						
HP64602	I-A-HP-646-02	ICOM						
HP64702	I-A-HP-647-02	ICOM						
HP64802	I-A-HP-648-02	ICOM						
HP65001	I-A-HP-650-01	ICOM						
HP6501	I-A-HP-65-01	ICOM						
HP65201	I-A-HP-652-01	ICOM						
HP65401	I-A-HP-654-01	ICOM						
HP66101	I-A-HP-661-01	ICOM						
HP66201	I-A-HP-662-01	ICOM						
HP66301	I-A-HP-663-01	ICOM						
HP67102	I-A-HP-671-02	ICOM						
HP67201	I-A-HP-672-01	ICOM						
HP67302	I-A-HP-673-02	ICOM						
HP69901	I-A-HP-699-01	ICOM						
HP70001	I-A-HP-700-01	ICOM						
HP70301	I-A-HP-703-01	ICOM						
HP70401	I-A-HP-704-01	ICOM						
HP70501	I-A-HP-705-01	ICOM						
HP70801	I-A-HP-708-01	ICOM						
HP70901	I-A-HP-709-01	ICOM						
HP71001	I-A-HP-710-01	ICOM						
HP71101	I-A-HP-711-01	ICOM						
HP73802	I-A-HP-738-02	ICOM						
HP74501	I-A-HP-745-01	ICOM						
HP75101	I-A-HP-751-01	ICOM						
HP8501	I-A-HP-85-01	ICOM						
HP85501	I-A-HP-855-01	ICOM						
HP89501	I-A-HP-895-01	ICOM						
HP90207	I-A-HP-902-07	ICOM						
HP98201V	I-A-HP-982-01	ICOM						
HP98501	I-A-HP-985-01	ICOM						
HP98902	I-A-HP-989-02	ICOM						
HPH101	I-A-HP-H1-01	ICOM						
HPH102	I-A-HP-H1-02	ICOM						
HPH103	I-A-HP-H1-03	ICOM						
HPH105	I-A-HP-H1-05	ICOM						
HPH106	I-A-HP-H1-06	ICOM						
HPH2902	I-A-HP-H29-02	ICOM						
HPHP102	I-A-HP-HP1-02	ICOM						
HPPT4101	I-A-HP-PT41-01	ICOM						
HPS14550	I-A-HP-S1455-01	ICOM						
HPS17610	I-A-HP-S1761-01	ICOM						
HPS18810	I-A-HP-S1881-01	ICOM						
HPS4601	I-A-HP-S46-01	ICOM						
HPS55701	I-A-HP-S557-01	ICOM						
HPS55801	I-A-HP-S558-01	ICOM						
HPS70201	I-A-HP-S702-01	ICOM						
HPS76801	I-A-HP-S768-01	ICOM						

Marine Corps Base Camp Lejeune [1b]

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Zone A: Requested Daily Limits

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Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN CYANIDE [74-90-8] (lb/day)
LCH40050	I-A-LCH-4005-02	ICOM						
LCH40090	I-A-LCH-4009-02	ICOM						
MP10727	I-A-MP-107-24	ICOM						
MP13101	I-A-MP-131-01	ICOM						
MP16701	I-A-MP-167-01	ICOM						
MP24101	I-A-MP-241-01	ICOM						
MP35003	I-A-MP-350-03	ICOM						
MP45102	I-A-MP-451-02	ICOM						
MP62503	I-A-MP-625-03	ICOM						
M12801	I-A-MP-M128-01	ICOM						
NH12002	I-A-NH-120-02	ICOM						
PP191903	I-A-PP-1919-03	ICOM						
PP201	I-A-PP-2-01	ICOM						
PP210002	I-A-PP-2100-02	ICOM						
PPS19480	I-A-PP-S1948-02	ICOM						
PPS26330	I-A-PP-S2633-01	ICOM						
PPS47A02	I-A-PP-S47A-02	ICOM						
T2801	I-A-T28-01	ICOM						
T2802	I-A-T28-02	ICOM						
TT3901	I-A-TT-39-01	ICOM						
TT4201	I-A-TT-42-01	ICOM						
TT4301	I-A-TT-43-01	ICOM						
TT6001	I-A-TT-60-01	ICOM						
TT8401	I-A-TT-84-01	ICOM						
TT9901	I-A-TT-99-01	ICOM						
TTS3801	I-A-TT-S38-01	ICOM						
TTS4701	I-A-TT-S47-01	ICOM						
TTS4801	I-A-TT-S48-01	ICOM						
TTSE2301	I-A-TT-SE23-01	ICOM						
WC10001	I-A-WC-100-01	ICOM						
WC14401	I-A-WC-144-01	ICOM						
WC9901	I-A-WC-99-01	ICOM						
FC28012	A-FC-280-12	ICOM -T						
FC28023	A-FC-280-23	ICOM -T						
FC36502	A-FC-365-02	ICOM -T						
HP140902	A-HP-1409-02	ICOM -T						
HP185411	A-HP-1854-11	ICOM -T						
HP188006	A-HP-1880-06	ICOM -T						
MP10711	A-MP-107-11	ICOM -T						
MP10712	A-MP-107-12	ICOM -T						
FC28501	I-A-FC-285-01	ICOM -T						
HP57510	I-A-HP-575-10	ICOM -T						
MP10708	I-A-MP-107-08	ICOM -T						
MP10709	I-A-MP-107-09	ICOM -T						
MP10710	I-A-MP-107-10	ICOM -T						
FC1801	A-FC-FC18-01	LAND					3.04	
HP98201	A-HP-982-01	LAND					23.59	
BM82005	A-BM-820-05	RDL						
HP106801	A-HP-1068-01	RDL						
HP111101	A-HP-1111-01	RDL						
HP4505	A-HP-45-05	RDL						
HP64503	A-HP-645-03	RDL						
HP90001	A-HP-900-01	RDL						
LCH4015	A-LCH-4015-04	RDL						
TT246373	A-TT-2463-73	RDL						
FC28010	A-FC-280-10	SURF		221.39	2,213.86		1,828.76	
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF		221.39	2,213.86		1,828.76	
FC28613	A-FC-286-13	SURF		221.39	2,213.86		1,828.76	
FC28620	A-FC-286-20	SURF		221.39	2,213.86		1,828.76	
HP104101	A-HP-1041-01	SURF		221.39	2,213.86		1,828.76	
HP120278	A-HP-1202-78	SURF		221.39	2,213.86		1,828.76	

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Zone A: Requested Daily Limits

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Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN CYANIDE [74-90-8] (lb/day)
HP124903	A-HP-1249-03	SURF		221.39	2,213.86		1,828.76	
HP90801	A-HP-908-01	SURF		221.39	2,213.86		1,828.76	
HP101601	I-A-HP-1016-01	SURF		221.39	2,213.86		1,828.76	
HP25701	I-A-HP-257-01	SURF		221.39	2,213.86		1,828.76	
HP4001	I-A-HP-40-01	SURF		221.39	2,213.86		1,828.76	
S112401	I-A-HP-S1124-01	SURF		221.39	2,213.86		1,828.76	
SFC553A	I-A-SFC-553A-01	SURF		221.39	2,213.86		1,828.76	
FC10007	I-A-FC-100-07	WELD						
FC14302	I-A-FC-143-02	WELD						
FC20004	I-A-FC-200-05	WELD						
FC28610	I-A-FC-286-10	WELD						
FC28614	I-A-FC-286-14	WELD						
FC28615	I-A-FC-286-15	WELD						
FC28623	I-A-FC-286-23	WELD						
FC44101	I-A-FC-441-01	WELD						
HP120206	I-A-HP-1202-06	WELD						
HP120210	I-A-HP-1202-10	WELD						
HP124905	I-A-HP-1249-05	WELD						
HP141003	I-A-HP-1410-03	WELD						
HP150210	I-A-HP-1502-10	WELD						
HP170014	I-A-HP-1700-14	WELD						
HP176502	I-A-HP-1765-02	WELD						
HP185410	I-A-HP-1854-10	WELD						
HP188005	I-A-HP-1880-05	WELD						
HP57511	I-A-HP-575-11	WELD						
HP73803	I-A-HP-738-03	WELD						
NH10013	I-A-NH-100-13	WELD						
FC44001	I-A-FC-440-01	WWT						

Marine Corps Base Camp Lejeune [1b]
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Zone A: Requested Daily Limits

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Model ID	Permit ID	Source Type	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)
HP96110	HP-961-10	AST/UST						
FC19501U	I-FC-195-01U	AST/UST						
FC24101	I-FC-241-01A	AST/UST						
FC2981	I-FC-298-01U	AST/UST						
FC2982	I-FC-298-02U	AST/UST						
FC2983	I-FC-298-03U	AST/UST						
12321	I-HP-1232-01U	AST/UST						
12322	I-HP-1232-02U	AST/UST						
12323	I-HP-1232-03U	AST/UST						
12324	I-HP-1232-04U	AST/UST						
HP161301	I-HP-1613-01A	AST/UST						
HP161302	I-HP-1613-02A	AST/UST						
HP161303	I-HP-1613-03A	AST/UST						
HP3001U	I-HP-30-01U	AST/UST						
HP96101	I-HP-961-01A	AST/UST						
HP96102	I-HP-961-02A	AST/UST						
HP96107A	I-HP-961-07A	AST/UST						
HP1002	I-HP-HP100-05U	AST/UST						
HP2371	I-HP-HP237-05U	AST/UST						
LC40341	I-LCH-4034-01A	AST/UST						
LC40342	I-LCH-4034-02A	AST/UST						
LC40343	I-LCH-4034-03A	AST/UST						
M9003U	I-M-90-03U	AST/UST						
NH1181A	I-NH-118-01A	AST/UST						
STP44602	I-PG-STP-446-02A	AST/UST						
PP193202	I-PP-1932-02U	AST/UST						
PP82001U	I-PP-820-01U	AST/UST						
PP82002U	I-PP-820-02U	AST/UST						
PP82003U	I-PP-820-03U	AST/UST						
TT24781	I-TT-2478-01U	AST/UST						
TT24782	I-TT-2478-02U	AST/UST						
TT24783	I-TT-2478-03U	AST/UST						
TT49	I-TT-69-01U (TT-49-1)	AST/UST						
HP120201	I-A-HP-1202-01	DEGR					13,771.94	9,529.13
HP124902	I-A-HP-1249-02	DEGR					13,771.94	9,529.13
HP131101	I-A-HP-1311-01	DEGR					13,771.94	9,529.13
HP170001	A-HP-1700-01	ECOM	766.00		3.87	68.14	11.81	
HP170002	A-HP-1700-02	ECOM	766.00		3.87	68.14	11.81	
HP170003	A-HP-1700-03	ECOM	766.00		9.53	83.81	11.81	
HP170004	A-HP-1700-04	ECOM	766.00		9.53	83.81	11.81	
HP170005	A-HP-1700-05	ECOM	29.94		1.42	9.81		
MP62572	A-MP-625-72	ECOM	9.44		0.45	3.09		
MP62573	A-MP-625-73	ECOM	9.44		0.45	3.09		
MP62574	A-MP-625-74	ECOM	9.44		0.45	3.09		
NH10001	A-NH-100-01	ECOM	4.62		0.22	1.51		
NH10002	A-NH-100-02	ECOM	4.62		0.22	1.51		
BM205001	I-A-BM-2050-01	ECOM			3.70E-04	3.51E-03		
BM205101	I-A-BM-2051-01	ECOM			3.70E-04	3.51E-03		
BM540080	I-A-BM-5400-80	ECOM	0.79		0.04	0.26		
BM540081	I-A-BM-5400-81	ECOM	0.79		0.04	0.26		
BM82512	I-A-BM-825-12	ECOM	1.80		0.09	0.59		
BM82513	I-A-BM-825-13	ECOM	1.80		0.09	0.59		
BM825H1	I-A-BM-825-H1	ECOM	0.47		0.02	0.15		
BM83506	I-A-BM-835-06	ECOM	0.95		0.04	0.31		
BM83507	I-A-BM-835-07	ECOM	0.95		0.04	0.31		
BM890H10	I-A-BM-890-H10	ECOM	0.25		0.01	0.08		
BM890H9	I-A-BM-890-H9	ECOM	0.38		0.02	0.12		
FC26090	I-A-FC-260-90	ECOM	0.45		0.02	0.15		
FC36201	I-A-FC-362-01	ECOM			3.61E-04	3.42E-03		
FC43601	I-A-FC-436-01	ECOM			3.61E-04	3.42E-03		
FC44087	I-A-FC-440-04	ECOM	0.26		0.01	0.09		

Marine Corps Base Camp Lejeune [1b]
Jacksonville, North Carolina
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Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)
HP202720	I-A-HP-2027-20	ECOM	2.31		0.11	0.76		
HP202721	I-A-HP-2027-21	ECOM	2.31		0.11	0.76		
P2027H13	I-A-HP-2027-H13	ECOM	0.19		0.01	0.06		
P2027H14	I-A-HP-2027-H14	ECOM	0.19		0.01	0.06		
P2027H15	I-A-HP-2028-H15	ECOM	0.19		0.01	0.06		
P2027H16	I-A-HP-2028-H16	ECOM	0.19		0.01	0.06		
HP4075	I-A-HP-40-75	ECOM	1.28		0.06	0.42		
HP4076	I-A-HP-40-76	ECOM	1.20		0.06	0.39		
HP67088	I-A-HP-670-88	ECOM	0.20		0.01	0.07		
HP73859	I-A-HP-738-59	ECOM	0.15		0.01	0.05		
HP98931	I-A-HP-989-31	ECOM	0.34		0.02	0.11		
LC401417	I-A-LCH-4014-17	ECOM	0.71		0.03	0.23		
LC402219	I-A-LCH-4022-19	ECOM	0.20		0.01	0.07		
MGSH858	I-A-MG-SH8-58	ECOM	0.37		0.02	0.12		
MP23038	I-A-MP-230-38	ECOM	2.64		0.13	0.86		
MP23039	I-A-MP-230-39	ECOM	2.64		0.13	0.86		
MP23040	I-A-MP-230-40	ECOM	2.64		0.13	0.86		
MP23102	I-A-MP-231-02	ECOM			1.04E-03	0.01		
NH10005	I-A-NH-100-05	ECOM	1.32		0.06	0.43		
NH11803	I-A-NH-118-03	ECOM	0.20		0.01	0.06		
NH12004	I-A-NH-120-04	ECOM	0.11		0.01	0.04		
NH120H4	I-A-NH-120-H4	ECOM	0.32		0.01	0.10		
NH12101	I-A-NH-121-01	ECOM	0.14		0.01	0.05		
NH121H1	I-A-NH-121-H1	ECOM	0.25		0.01	0.08		
PP20101	I-A-PP-201-01	ECOM			6.48E-04	0.01		
PP20102	I-A-PP-201-02	ECOM			6.48E-04	0.01		
PP20103	I-A-PP-201-03	ECOM			6.48E-04	0.01		
PP202	I-A-PP-2-02	ECOM			3.70E-04	3.51E-03		
PP203	I-A-PP-2-03	ECOM			3.70E-04	3.51E-03		
PP204	I-A-PP-2-04	ECOM			3.70E-04	3.51E-03		
PP205	I-A-PP-2-05	ECOM			3.70E-04	3.51E-03		
PP206	I-A-PP-2-06	ECOM			3.70E-04	3.51E-03		
P261509B	I-A-PP-2615-09B	ECOM			1.17E-03	0.01		
P261510B	I-A-PP-2615-10B	ECOM			1.17E-03	0.01		
PP261511	I-A-PP-2615-11B	ECOM			1.86E-03	0.02		
PP261701	I-A-PP-2617-01	ECOM			9.17E-04	0.01		
PP401	I-A-PP-4-01	ECOM			3.61E-04	3.42E-03		
TT245766	I-A-TT-2457-66	ECOM	0.31		0.01	0.10		
TT4430	I-A-TT-44-30	ECOM	0.14		0.01	0.05		
TT6078	I-A-TT-60-78	ECOM	0.88		0.04	0.29		
TT6079	I-A-TT-60-79	ECOM	0.88		0.04	0.29		
TT8423	I-A-TT-84-23	ECOM			1.11E-03	0.01		
TT8424	I-A-TT-84-24	ECOM			1.11E-03	0.01		
TT84H11	I-A-TT-84-H11	ECOM			1.76E-04	1.67E-03		
TT84H12	I-A-TT-84-H12	ECOM			3.70E-04	3.50E-03		
TT8625	I-A-TT-86-25	ECOM			1.11E-03	0.01		
TT8626	I-A-TT-86-26	ECOM			1.11E-03	0.01		
WC10002	I-A-WC-100-02	ECOM			3.70E-04	3.51E-03		
WC10003	I-A-WC-100-03	ECOM			3.70E-04	3.51E-03		
WC10004	I-A-WC-100-04	ECOM			3.70E-04	3.51E-03		
WC10005	I-A-WC-100-05	ECOM			1.39E-03	0.01		
WC10501	I-A-WC-105-01	ECOM			5.56E-04	0.01		
WC10502	I-A-WC-105-02	ECOM			5.56E-04	0.01		
WC11001	I-A-WC-110-01	ECOM			5.56E-04	0.01		
WC11002	I-A-WC-110-02	ECOM			5.56E-04	0.01		
WC11501	I-A-WC-115-01	ECOM			5.56E-04	0.01		
WC11502	I-A-WC-115-02	ECOM			5.56E-04	0.01		
WC12001	I-A-WC-120-01	ECOM			5.56E-04	0.01		
WC12002	I-A-WC-120-02	ECOM			5.56E-04	0.01		
WC12401	I-A-WC-124-01	ECOM			5.56E-04	0.01		
WC12402	I-A-WC-124-02	ECOM			5.56E-04	0.01		

Marine Corps Base Camp Lejeune [1b]
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Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)
WC12501	I-A-WC-125-01	ECOM			5.56E-04	0.01		
WC12502	I-A-WC-125-02	ECOM			5.56E-04	0.01		
WC13001	I-A-WC-130-01	ECOM			5.56E-04	0.01		
WC13002	I-A-WC-130-02	ECOM			5.56E-04	0.01		
WC13501	I-A-WC-135-01	ECOM			5.56E-04	0.01		
WC13502	I-A-WC-135-02	ECOM			6.48E-04	0.01		
WC14601	I-A-WC-146-01	ECOM			3.70E-04	3.51E-03		
WC14602	I-A-WC-146-02	ECOM			3.70E-04	3.51E-03		
HP96110D	HP-961-10	FDSP						
C19501UD	I-FC-195-01U	FDSP						
FC24101D	I-FC-241-01A	FDSP						
FC2981D	I-FC-298-01U	FDSP						
FC2982D	I-FC-298-02U	FDSP						
FC2983D	I-FC-298-03U	FDSP						
12321D	I-HP-1232-01U	FDSP						
12322D	I-HP-1232-02U	FDSP						
12323D	I-HP-1232-03U	FDSP						
12324D	I-HP-1232-04U	FDSP						
P161301D	I-HP-1613-01A	FDSP						
P161302D	I-HP-1613-02A	FDSP						
P161303D	I-HP-1613-03A	FDSP						
HP3001UD	I-HP-30-01U	FDSP						
HP96101D	I-HP-961-01A	FDSP						
HP96102D	I-HP-961-02A	FDSP						
P96107AD	I-HP-961-07A	FDSP						
HP1002D	I-HP-HP100-05U	FDSP						
HP2371D	I-HP-HP237-05U	FDSP						
LC40341D	I-LCH-4034-01A	FDSP						
LC40342D	I-LCH-4034-02A	FDSP						
LC40343D	I-LCH-4034-03A	FDSP						
M9003UD	I-M-90-03U	FDSP						
NH1181AD	I-NH-118-01A	FDSP						
TP44602D	I-PG-STP-446-02A	FDSP						
P193202D	I-PP-1932-02U	FDSP						
P82001UD	I-PP-820-01U	FDSP						
P82002UD	I-PP-820-02U	FDSP						
P82003UD	I-PP-820-03U	FDSP						
TT24781D	I-TT-2478-01U	FDSP						
TT24782D	I-TT-2478-02U	FDSP						
TT24783D	I-TT-2478-03U	FDSP						
TT49D	I-TT-69-01U (TT-49-1)	FDSP						
FC28024	A-FC-280-24	ICOM						
FC44203	A-FC-442-03	ICOM						
FC44302	A-FC-443-02	ICOM						
FC44501	A-FC-445-01	ICOM						
FC54001	A-FC-540-01	ICOM						
HP123002	A-HP-1230-02	ICOM						
HP12801	A-HP-128-01	ICOM						
HP170013	A-HP-1700-13	ICOM						
HP22701	A-HP-227-01	ICOM						
HP41101	A-HP-411-01	ICOM						
HP4501	A-HP-45-01	ICOM						
HP5402	A-HP-54-02	ICOM						
HP59001	A-HP-590-01	ICOM						
HP901	A-HP-9-01	ICOM						
MP45501B	A-MP-455-01B	ICOM						
MP45502B	A-MP-455-02B	ICOM						
NH10010B	A-NH-100-10B	ICOM						
NH10011B	A-NH-100-11B	ICOM						
NH10012B	A-NH-100-12B	ICOM						
BM462	I-A-BM-46-2	ICOM						

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Zone A: Requested Daily Limits

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Model ID	Permit ID	Source Type	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)
BM540002	I-A-BM-5400-02	ICOM						
BM60701	I-A-BM-607-01	ICOM						
BM83502	I-A-BM-835-02	ICOM						
BM83503	I-A-BM-835-03	ICOM						
BM84201	I-A-BM-842-01	ICOM						
FC104102	I-A-FC-1041-02	ICOM						
FC10701	I-A-FC-1070-1	ICOM						
FC11601	I-A-FC-116-01	ICOM						
FC19902	I-A-FC-199-02	ICOM						
FC25902	I-A-FC-259-02	ICOM						
FC26002	I-A-FC-260-02	ICOM						
FC29401	I-A-FC-294-01	ICOM						
FC30001	I-A-FC-300-01	ICOM						
FC30301	I-A-FC-303-01	ICOM						
FC31502	I-A-FC-315-02	ICOM						
FC36402	I-A-FC-364-02	ICOM						
FC3902	I-A-FC-39-02	ICOM						
FC42001	I-A-FC-420-01	ICOM						
FC59902	I-A-FC-599-02	ICOM						
FCS51101	I-A-FC-S511-01	ICOM						
HP100502	I-A-HP-1005-02	ICOM						
HP102	I-A-HP-1-02	ICOM						
HP102301	I-A-HP-1023-01	ICOM						
HP120101	I-A-HP-1201-01	ICOM						
HP120205	I-A-HP-1202-05	ICOM						
HP120207	I-A-HP-1202-07	ICOM						
HP120211	I-A-HP-1202-11	ICOM						
HP121201	I-A-HP-1212-01	ICOM						
HP121202	I-A-HP-1212-02	ICOM						
HP12201	I-A-HP-122-01	ICOM						
HP123001	I-A-HP-1230-01	ICOM						
HP140401	I-A-HP-1404-01	ICOM						
HP1502	I-A-HP-15-02	ICOM						
HP165001	I-A-HP-1650-01	ICOM						
HP168801	I-A-HP-1688-01	ICOM						
HP177601	I-A-HP-1776-01	ICOM						
HP1801	I-A-HP-18-01	ICOM						
HP2002	I-A-HP-20-02	ICOM						
HP2004	I-A-HP-20-04	ICOM						
HP21101	I-A-HP-211-01	ICOM						
HP2402	I-A-HP-24-02	ICOM						
HP2403	I-A-HP-24-03	ICOM						
HP261701	I-A-HP-2617-01	ICOM						
HP303	I-A-HP-3-03	ICOM						
HP31201	I-A-HP-312-01	ICOM						
HP3401	I-A-HP-34-01	ICOM						
HP35301	I-A-HP-353-01	ICOM						
HP42501	I-A-HP-425-01	ICOM						
HP501	I-A-HP-5-01	ICOM						
HP518601	I-A-HP-5186-01	ICOM						
HP52102	I-A-HP-521-02	ICOM						
HP57501	I-A-HP-575-01	ICOM						
HP5801	I-A-HP-58-01	ICOM						
HP58401	I-A-HP-584-01	ICOM						
HP58501	I-A-HP-585-01	ICOM						
HP59501	I-A-HP-595-01	ICOM						
HP59601	I-A-HP-596-01	ICOM						
HP61101	I-A-HP-611-01	ICOM						
HP61201	I-A-HP-612-01	ICOM						
HP61401	I-A-HP-614-01	ICOM						
HP61701	I-A-HP-617-01	ICOM						

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Zone A: Requested Daily Limits

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Model ID	Permit ID	Source Type	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)
HP61801	I-A-HP-618-01	ICOM						
HP61901	I-A-HP-619-01	ICOM						
HP62101	I-A-HP-621-01	ICOM						
HP92201	I-A-HP-622-01	ICOM						
HP62702	I-A-HP-627-02	ICOM						
HP62801	I-A-HP-628-01	ICOM						
HP62901	I-A-HP-629-01	ICOM						
HP63201	I-A-HP-632-01	ICOM						
HP63501	I-A-HP-635-01	ICOM						
HP64001	I-A-HP-640-01	ICOM						
HP64101	I-A-HP-641-01	ICOM						
HP64302	I-A-HP-643-02	ICOM						
HP64401	I-A-HP-644-01	ICOM						
HP64602	I-A-HP-646-02	ICOM						
HP64702	I-A-HP-647-02	ICOM						
HP64802	I-A-HP-648-02	ICOM						
HP65001	I-A-HP-650-01	ICOM						
HP6501	I-A-HP-65-01	ICOM						
HP65201	I-A-HP-652-01	ICOM						
HP65401	I-A-HP-654-01	ICOM						
HP66101	I-A-HP-661-01	ICOM						
HP66201	I-A-HP-662-01	ICOM						
HP66301	I-A-HP-663-01	ICOM						
HP67102	I-A-HP-671-02	ICOM						
HP67201	I-A-HP-672-01	ICOM						
HP67302	I-A-HP-673-02	ICOM						
HP69901	I-A-HP-699-01	ICOM						
HP70001	I-A-HP-700-01	ICOM						
HP70301	I-A-HP-703-01	ICOM						
HP70401	I-A-HP-704-01	ICOM						
HP70501	I-A-HP-705-01	ICOM						
HP70801	I-A-HP-708-01	ICOM						
HP70901	I-A-HP-709-01	ICOM						
HP71001	I-A-HP-710-01	ICOM						
HP71101	I-A-HP-711-01	ICOM						
HP73802	I-A-HP-738-02	ICOM						
HP74501	I-A-HP-745-01	ICOM						
HP75101	I-A-HP-751-01	ICOM						
HP8501	I-A-HP-85-01	ICOM						
HP85501	I-A-HP-855-01	ICOM						
HP89501	I-A-HP-895-01	ICOM						
HP90207	I-A-HP-902-07	ICOM						
HP98201V	I-A-HP-982-01	ICOM						
HP98501	I-A-HP-985-01	ICOM						
HP98902	I-A-HP-989-02	ICOM						
HPH101	I-A-HP-H1-01	ICOM						
HPH102	I-A-HP-H1-02	ICOM						
HPH103	I-A-HP-H1-03	ICOM						
HPH105	I-A-HP-H1-05	ICOM						
HPH106	I-A-HP-H1-06	ICOM						
HPH2902	I-A-HP-H29-02	ICOM						
HPHP102	I-A-HP-HP1-02	ICOM						
HPPT4101	I-A-HP-PT41-01	ICOM						
HPS14550	I-A-HP-S1455-01	ICOM						
HPS17610	I-A-HP-S1761-01	ICOM						
HPS18810	I-A-HP-S1881-01	ICOM						
HPS4601	I-A-HP-S46-01	ICOM						
HPS55701	I-A-HP-S557-01	ICOM						
HPS55801	I-A-HP-S558-01	ICOM						
HPS70201	I-A-HP-S702-01	ICOM						
HPS76801	I-A-HP-S768-01	ICOM						

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Model ID	Permit ID	Source Type	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)
LCH40050	I-A-LCH-4005-02	ICOM						
LCH40090	I-A-LCH-4009-02	ICOM						
MP10727	I-A-MP-107-24	ICOM						
MP13101	I-A-MP-131-01	ICOM						
MP16701	I-A-MP-167-01	ICOM						
MP24101	I-A-MP-241-01	ICOM						
MP35003	I-A-MP-350-03	ICOM						
MP45102	I-A-MP-451-02	ICOM						
MP62503	I-A-MP-625-03	ICOM						
M12801	I-A-MP-M128-01	ICOM						
NH12002	I-A-NH-120-02	ICOM						
PP191903	I-A-PP-1919-03	ICOM						
PP201	I-A-PP-2-01	ICOM						
PP210002	I-A-PP-2100-02	ICOM						
PPS19480	I-A-PP-S1948-02	ICOM						
PPS26330	I-A-PP-S2633-01	ICOM						
PPS47A02	I-A-PP-S47A-02	ICOM						
T2801	I-A-T28-01	ICOM						
T2802	I-A-T28-02	ICOM						
TT3901	I-A-TT-39-01	ICOM						
TT4201	I-A-TT-42-01	ICOM						
TT4301	I-A-TT-43-01	ICOM						
TT6001	I-A-TT-60-01	ICOM						
TT8401	I-A-TT-84-01	ICOM						
TT9901	I-A-TT-99-01	ICOM						
TTS3801	I-A-TT-S38-01	ICOM						
TTS4701	I-A-TT-S47-01	ICOM						
TTS4801	I-A-TT-S48-01	ICOM						
TTSE2301	I-A-TT-SE23-01	ICOM						
WC10001	I-A-WC-100-01	ICOM						
WC14401	I-A-WC-144-01	ICOM						
WC9901	I-A-WC-99-01	ICOM						
FC28012	A-FC-280-12	ICOM -T						
FC28023	A-FC-280-23	ICOM -T						
FC36502	A-FC-365-02	ICOM -T						
HP140902	A-HP-1409-02	ICOM -T						
HP185411	A-HP-1854-11	ICOM -T						
HP188006	A-HP-1880-06	ICOM -T						
MP10711	A-MP-107-11	ICOM -T						
MP10712	A-MP-107-12	ICOM -T						
FC28501	I-A-FC-285-01	ICOM -T						
HP57510	I-A-HP-575-10	ICOM -T						
MP10708	I-A-MP-107-08	ICOM -T						
MP10709	I-A-MP-107-09	ICOM -T						
MP10710	I-A-MP-107-10	ICOM -T						
FC1801	A-FC-FC18-01	LAND		24.75		3.05E-03	5.10	1.29
HP98201	A-HP-982-01	LAND		192.07		0.02	39.62	10.04
BM82005	A-BM-820-05	RDL						
HP106801	A-HP-1068-01	RDL						
HP111101	A-HP-1111-01	RDL						
HP4505	A-HP-45-05	RDL						
HP64503	A-HP-645-03	RDL						
HP90001	A-HP-900-01	RDL						
LCH4015	A-LCH-4015-04	RDL						
TT246373	A-TT-2463-73	RDL						
FC28010	A-FC-280-10	SURF	220.23		3.49E-03		26,166.48	18,105.20
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF	220.23		3.49		26,166.48	18,105.20
FC28613	A-FC-286-13	SURF	220.23		3.49		26,166.48	18,105.20
FC28620	A-FC-286-20	SURF	220.23		3.49		26,166.48	18,105.20
HP104101	A-HP-1041-01	SURF	220.23		0.59		26,166.48	18,105.20
HP120278	A-HP-1202-78	SURF	220.23		3.49		26,166.48	18,105.20

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Model ID	Permit ID	Source Type	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)
HP124903	A-HP-1249-03	SURF	220.23		3.49		26,166.48	18,105.20
HP90801	A-HP-908-01	SURF	220.23		3.49		26,166.48	18,105.20
HP101601	I-A-HP-1016-01	SURF	220.23		0.66		26,166.48	18,105.20
HP25701	I-A-HP-257-01	SURF	220.23				26,166.48	18,105.20
HP4001	I-A-HP-40-01	SURF	220.23		3.49		26,166.48	18,105.20
S112401	I-A-HP-S1124-01	SURF	220.23		0.59		26,166.48	18,105.20
SFC553A	I-A-SFC-553A-01	SURF	220.23		34.92		26,166.48	18,105.20
FC10007	I-A-FC-100-07	WELD			108.68			
FC14302	I-A-FC-143-02	WELD			108.68			
FC20004	I-A-FC-200-05	WELD			108.68			
FC28610	I-A-FC-286-10	WELD			108.68			
FC28614	I-A-FC-286-14	WELD			108.68			
FC28615	I-A-FC-286-15	WELD			108.68			
FC28623	I-A-FC-286-23	WELD			108.68			
FC44101	I-A-FC-441-01	WELD			108.68			
HP120206	I-A-HP-1202-06	WELD			108.68			
HP120210	I-A-HP-1202-10	WELD			108.68			
HP124905	I-A-HP-1249-05	WELD			108.68			
HP141003	I-A-HP-1410-03	WELD			108.68			
HP150210	I-A-HP-1502-10	WELD			108.68			
HP170014	I-A-HP-1700-14	WELD			108.68			
HP176502	I-A-HP-1765-02	WELD			108.68			
HP185410	I-A-HP-1854-10	WELD			108.68			
HP188005	I-A-HP-1880-05	WELD			108.68			
HP57511	I-A-HP-575-11	WELD			108.68			
HP73803	I-A-HP-738-03	WELD			108.68			
NH10013	I-A-NH-100-13	WELD			108.68			
FC44001	I-A-FC-440-01	WWT		3,063.19				

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Model ID	Permit ID	Source Type	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
HP96110	HP-961-10	AST/UST			76.21			12.35
FC19501U	I-FC-195-01U	AST/UST			42.74			6.92
FC24101	I-FC-241-01A	AST/UST			149.13			24.16
FC2981	I-FC-298-01U	AST/UST			71.23			11.54
FC2982	I-FC-298-02U	AST/UST			71.23			11.54
FC2983	I-FC-298-03U	AST/UST			71.23			11.54
12321	I-HP-1232-01U	AST/UST			85.48			13.85
12322	I-HP-1232-02U	AST/UST			85.48			13.85
12323	I-HP-1232-03U	AST/UST			85.48			13.85
12324	I-HP-1232-04U	AST/UST			85.48			13.85
HP161301	I-HP-1613-01A	AST/UST			223.63			36.23
HP161302	I-HP-1613-02A	AST/UST			223.63			36.23
HP161303	I-HP-1613-03A	AST/UST			223.63			36.23
HP3001U	I-HP-30-01U	AST/UST			7.12			1.15
HP96101	I-HP-961-01A	AST/UST			74.98			12.15
HP96102	I-HP-961-02A	AST/UST			74.98			12.15
HP96107A	I-HP-961-07A	AST/UST			55.69			9.11
HP1002	I-HP-HP100-05U	AST/UST			14.25			2.31
HP2371	I-HP-HP237-05U	AST/UST			17.10			2.77
LC40341	I-LCH-4034-01A	AST/UST			190.65			30.89
LC40342	I-LCH-4034-02A	AST/UST			190.65			30.89
LC40343	I-LCH-4034-03A	AST/UST			55.42			8.98
M9003U	I-M-90-03U	AST/UST			7.12			1.15
NH1181A	I-NH-118-01A	AST/UST			190.65			30.89
STP44602	I-PG-STP-446-02A	AST/UST			45.15			7.31
PP193202	I-PP-1932-02U	AST/UST			7.12			1.15
PP82001U	I-PP-820-01U	AST/UST			71.23			11.54
PP82002U	I-PP-820-02U	AST/UST			71.23			11.54
PP82003U	I-PP-820-03U	AST/UST			71.23			11.54
TT24781	I-TT-2478-01U	AST/UST			71.23			11.54
TT24782	I-TT-2478-02U	AST/UST			71.23			11.54
TT24783	I-TT-2478-03U	AST/UST			71.23			11.54
TT49	I-TT-69-01U (TT-49-1)	AST/UST			7.12			1.15
HP120201	I-A-HP-1202-01	DEGR			4,782.02			699.59
HP124902	I-A-HP-1249-02	DEGR			4,782.02			699.59
HP131101	I-A-HP-1311-01	DEGR			4,782.02			699.59
HP170001	A-HP-1700-01	ECOM	8.34		11.73			0.23
HP170002	A-HP-1700-02	ECOM	8.34		11.73			0.23
HP170003	A-HP-1700-03	ECOM	8.34		11.73			0.23
HP170004	A-HP-1700-04	ECOM	8.34		11.73			0.23
HP170005	A-HP-1700-05	ECOM	1.85		9.73			
MP62572	A-MP-625-72	ECOM	0.58		3.07			
MP62573	A-MP-625-73	ECOM	0.58		3.07			
MP62574	A-MP-625-74	ECOM	0.58		3.07			
NH10001	A-NH-100-01	ECOM	0.29		1.50			
NH10002	A-NH-100-02	ECOM	0.29		1.50			
BM205001	I-A-BM-2050-01	ECOM	0.01		3.05E-03			
BM205101	I-A-BM-2051-01	ECOM	0.01		3.05E-03			
BM540080	I-A-BM-5400-80	ECOM	0.05		0.26			
BM540081	I-A-BM-5400-81	ECOM	0.05		0.26			
BM82512	I-A-BM-825-12	ECOM	0.11		0.58			
BM82513	I-A-BM-825-13	ECOM	0.11		0.58			
BM825H1	I-A-BM-825-H1	ECOM	0.03		0.15			
BM83506	I-A-BM-835-06	ECOM	0.06		0.31			
BM83507	I-A-BM-835-07	ECOM	0.06		0.31			
BM890H10	I-A-BM-890-H10	ECOM	0.02		0.08			
BM890H9	I-A-BM-890-H9	ECOM	0.02		0.12			
FC26090	I-A-FC-260-90	ECOM	0.03		0.15			
FC36201	I-A-FC-362-01	ECOM	0.01		2.97E-03			
FC43601	I-A-FC-436-01	ECOM	0.01		2.97E-03			
FC44087	I-A-FC-440-04	ECOM	0.02		0.09			

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App A

Model ID	Permit ID	Source Type	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
HP202720	I-A-HP-2027-20	ECOM	0.14		0.75			
HP202721	I-A-HP-2027-21	ECOM	0.14		0.75			
P2027H13	I-A-HP-2027-H13	ECOM	0.01		0.06			
P2027H14	I-A-HP-2027-H14	ECOM	0.01		0.06			
P2027H15	I-A-HP-2028-H15	ECOM	0.01		0.06			
P2027H16	I-A-HP-2028-H16	ECOM	0.01		0.06			
HP4075	I-A-HP-40-75	ECOM	0.08		0.42			
HP4076	I-A-HP-40-76	ECOM	0.07		0.39			
HP67088	I-A-HP-670-88	ECOM	0.01		0.07			
HP73859	I-A-HP-738-59	ECOM	0.01		0.05			
HP98931	I-A-HP-989-31	ECOM	0.02		0.11			
LC401417	I-A-LCH-4014-17	ECOM	0.04		0.23			
LC402219	I-A-LCH-4022-19	ECOM	0.01		0.06			
MGSH858	I-A-MG-SH8-58	ECOM	0.02		0.12			
MP23038	I-A-MP-230-38	ECOM	0.16		0.86			
MP23039	I-A-MP-230-39	ECOM	0.16		0.86			
MP23040	I-A-MP-230-40	ECOM	0.16		0.86			
MP23102	I-A-MP-231-02	ECOM	0.01		0.01			
NH10005	I-A-NH-100-05	ECOM	0.08		0.43			
NH11803	I-A-NH-118-03	ECOM	0.01		0.06			
NH12004	I-A-NH-120-04	ECOM	0.01		0.04			
NH120H4	I-A-NH-120-H4	ECOM	0.02		0.10			
NH12101	I-A-NH-121-01	ECOM	0.01		0.05			
NH121H1	I-A-NH-121-H1	ECOM	0.02		0.08			
PP20101	I-A-PP-201-01	ECOM	0.01		0.01			
PP20102	I-A-PP-201-02	ECOM	0.01		0.01			
PP20103	I-A-PP-201-03	ECOM	0.01		0.01			
PP202	I-A-PP-2-02	ECOM	0.01		3.04E-03			
PP203	I-A-PP-2-03	ECOM	0.01		3.04E-03			
PP204	I-A-PP-2-04	ECOM	0.01		3.04E-03			
PP205	I-A-PP-2-05	ECOM	0.01		3.04E-03			
PP206	I-A-PP-2-06	ECOM	0.01		3.04E-03			
P261509B	I-A-PP-2615-09B	ECOM	0.02		0.01			
P261510B	I-A-PP-2615-10B	ECOM	0.02		0.01			
PP261511	I-A-PP-2615-11B	ECOM	0.03		0.02			
PP261701	I-A-PP-2617-01	ECOM	0.01		0.01			
PP401	I-A-PP-4-01	ECOM	0.01		2.97E-03			
TT245766	I-A-TT-2457-66	ECOM	0.02		0.10			
TT4430	I-A-TT-44-30	ECOM	0.01		0.05			
TT6078	I-A-TT-60-78	ECOM	0.05		0.29			
TT6079	I-A-TT-60-79	ECOM	0.05		0.29			
TT8423	I-A-TT-84-23	ECOM	0.02		0.01			
TT8424	I-A-TT-84-24	ECOM	0.02		0.01			
TT84H11	I-A-TT-84-H11	ECOM	2.53E-03		1.45E-03			
TT84H12	I-A-TT-84-H12	ECOM	0.01		3.04E-03			
TT8625	I-A-TT-86-25	ECOM	0.02		0.01			
TT8626	I-A-TT-86-26	ECOM	0.02		0.01			
WC10002	I-A-WC-100-02	ECOM	0.01		3.04E-03			
WC10003	I-A-WC-100-03	ECOM	0.01		3.04E-03			
WC10004	I-A-WC-100-04	ECOM	0.01		3.04E-03			
WC10005	I-A-WC-100-05	ECOM	0.02		0.01			
WC10501	I-A-WC-105-01	ECOM	0.01		4.57E-03			
WC10502	I-A-WC-105-02	ECOM	0.01		4.57E-03			
WC11001	I-A-WC-110-01	ECOM	0.01		4.57E-03			
WC11002	I-A-WC-110-02	ECOM	0.01		4.57E-03			
WC11501	I-A-WC-115-01	ECOM	0.01		4.57E-03			
WC11502	I-A-WC-115-02	ECOM	0.01		4.57E-03			
WC12001	I-A-WC-120-01	ECOM	0.01		4.57E-03			
WC12002	I-A-WC-120-02	ECOM	0.01		4.57E-03			
WC12401	I-A-WC-124-01	ECOM	0.01		4.57E-03			
WC12402	I-A-WC-124-02	ECOM	0.01		4.57E-03			

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Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
WC12501	I-A-WC-125-01	ECOM	0.01		4.57E-03			
WC12502	I-A-WC-125-02	ECOM	0.01		4.57E-03			
WC13001	I-A-WC-130-01	ECOM	0.01		4.57E-03			
WC13002	I-A-WC-130-02	ECOM	0.01		4.57E-03			
WC13501	I-A-WC-135-01	ECOM	0.01		4.57E-03			
WC13502	I-A-WC-135-02	ECOM	0.01		0.01			
WC14601	I-A-WC-146-01	ECOM	0.01		3.04E-03			
WC14602	I-A-WC-146-02	ECOM	0.01		3.04E-03			
HP96110D	HP-961-10	FDSP			96.40			56.41
C19501UD	I-FC-195-01U	FDSP			60.25			35.26
FC24101D	I-FC-241-01A	FDSP			75.32			44.07
FC2981D	I-FC-298-01U	FDSP			96.40			56.41
FC2982D	I-FC-298-02U	FDSP			96.40			56.41
FC2983D	I-FC-298-03U	FDSP			96.40			56.41
12321D	I-HP-1232-01U	FDSP			96.40			56.41
12322D	I-HP-1232-02U	FDSP			96.40			56.41
12323D	I-HP-1232-03U	FDSP			96.40			56.41
12324D	I-HP-1232-04U	FDSP			96.40			56.41
P161301D	I-HP-1613-01A	FDSP			96.40			56.41
P161302D	I-HP-1613-02A	FDSP			96.40			56.41
P161303D	I-HP-1613-03A	FDSP			96.40			56.41
HP3001UD	I-HP-30-01U	FDSP			10.04			5.88
HP96101D	I-HP-961-01A	FDSP			96.40			56.41
HP96102D	I-HP-961-02A	FDSP			96.40			56.41
P96107AD	I-HP-961-07A	FDSP			24.42			9.40
HP1002D	I-HP-HP100-05U	FDSP			20.08			11.75
HP2371D	I-HP-HP237-05U	FDSP			24.10			14.10
LC40341D	I-LCH-4034-01A	FDSP			96.40			56.41
LC40342D	I-LCH-4034-02A	FDSP			96.40			56.41
LC40343D	I-LCH-4034-03A	FDSP			25.11			14.69
M9003UD	I-M-90-03U	FDSP			10.04			5.88
NH1181AD	I-NH-118-01A	FDSP			96.40			56.41
TP44602D	I-PG-STP-446-02A	FDSP			20.08			11.75
P193202D	I-PP-1932-02U	FDSP			10.04			5.88
P82001UD	I-PP-820-01U	FDSP			96.40			56.41
P82002UD	I-PP-820-02U	FDSP			96.40			56.41
P82003UD	I-PP-820-03U	FDSP			96.40			56.41
TT24781D	I-TT-2478-01U	FDSP			96.40			56.41
TT24782D	I-TT-2478-02U	FDSP			96.40			56.41
TT24783D	I-TT-2478-03U	FDSP			96.40			56.41
TT49D	I-TT-69-01U (TT-49-1)	FDSP			10.04			5.88
FC28024	A-FC-280-24	ICOM			0.35			0.14
FC44203	A-FC-442-03	ICOM			5.51			2.21
FC44302	A-FC-443-02	ICOM			4.54			1.83
FC44501	A-FC-445-01	ICOM			4.54			1.83
FC54001	A-FC-540-01	ICOM			9.08			3.65
HP123002	A-HP-1230-02	ICOM			6.05			2.43
HP12801	A-HP-128-01	ICOM			3.63			1.46
HP170013	A-HP-1700-13	ICOM			3.03			1.22
HP22701	A-HP-227-01	ICOM			4.90			1.97
HP41101	A-HP-411-01	ICOM			3.03			1.22
HP4501	A-HP-45-01	ICOM			9.69			3.89
HP5402	A-HP-54-02	ICOM			3.03			1.22
HP59001	A-HP-590-01	ICOM			4.54			1.83
HP901	A-HP-9-01	ICOM			3.03			1.22
MP45501B	A-MP-455-01B	ICOM			7.57			3.04
MP45502B	A-MP-455-02B	ICOM			3.53			1.44
NH10010B	A-NH-100-10B	ICOM			6.75			2.71
NH10011B	A-NH-100-11B	ICOM			6.75			2.71
NH10012B	A-NH-100-12B	ICOM			6.75			2.71
BM462	I-A-BM-46-2	ICOM			0.26			0.11

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App A

Model ID	Permit ID	Source Type	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
BM540002	I-A-BM-5400-02	ICOM			0.44			0.18
BM60701	I-A-BM-607-01	ICOM			0.22			0.09
BM83502	I-A-BM-835-02	ICOM			0.29			0.12
BM83503	I-A-BM-835-03	ICOM			1.76			0.72
BM84201	I-A-BM-842-01	ICOM			0.88			0.36
FC104102	I-A-FC-1041-02	ICOM			3.08			1.26
FC10701	I-A-FC-1070-1	ICOM			0.88			0.36
FC11601	I-A-FC-116-01	ICOM			0.22			0.09
FC19902	I-A-FC-199-02	ICOM			0.53			0.22
FC25902	I-A-FC-259-02	ICOM			0.26			0.11
FC26002	I-A-FC-260-02	ICOM			0.09			0.04
FC29401	I-A-FC-294-01	ICOM			0.79			0.32
FC30001	I-A-FC-300-01	ICOM			0.66			0.27
FC30301	I-A-FC-303-01	ICOM			3.03			1.22
FC31502	I-A-FC-315-02	ICOM			1.32			0.54
FC36402	I-A-FC-364-02	ICOM			0.53			0.22
FC3902	I-A-FC-39-02	ICOM			0.48			0.20
FC42001	I-A-FC-420-01	ICOM			0.48			0.20
FC59902	I-A-FC-599-02	ICOM			0.26			0.11
FCS51101	I-A-FC-S511-01	ICOM			0.44			0.18
HP100502	I-A-HP-1005-02	ICOM			3.03			1.22
HP102	I-A-HP-1-02	ICOM			1.10			0.45
HP102301	I-A-HP-1023-01	ICOM			1.32			0.54
HP120101	I-A-HP-1201-01	ICOM			1.10			0.45
HP120205	I-A-HP-1202-05	ICOM			0.88			0.36
HP120207	I-A-HP-1202-07	ICOM			0.26			0.11
HP120211	I-A-HP-1202-11	ICOM			3.08			1.26
HP121201	I-A-HP-1212-01	ICOM			1.76			0.72
HP121202	I-A-HP-1212-02	ICOM			1.76			0.72
HP12201	I-A-HP-122-01	ICOM			3.53			1.44
HP123001	I-A-HP-1230-01	ICOM			0.44			0.18
HP140401	I-A-HP-1404-01	ICOM			0.40			0.16
HP1502	I-A-HP-15-02	ICOM			1.76			0.72
HP165001	I-A-HP-1650-01	ICOM			2.03			0.83
HP168801	I-A-HP-1688-01	ICOM			0.53			0.22
HP177601	I-A-HP-1776-01	ICOM			0.44			0.18
HP1801	I-A-HP-18-01	ICOM			1.59			0.65
HP2002	I-A-HP-20-02	ICOM			1.54			0.63
HP2004	I-A-HP-20-04	ICOM			1.54			0.63
HP21101	I-A-HP-211-01	ICOM			0.53			0.22
HP2402	I-A-HP-24-02	ICOM			1.15			0.47
HP2403	I-A-HP-24-03	ICOM			3.53			1.44
HP261701	I-A-HP-2617-01	ICOM			1.76			0.72
HP303	I-A-HP-3-03	ICOM			2.42			0.99
HP31201	I-A-HP-312-01	ICOM			1.32			0.54
HP3401	I-A-HP-34-01	ICOM			0.22			0.09
HP35301	I-A-HP-353-01	ICOM			1.76			0.72
HP42501	I-A-HP-425-01	ICOM			3.08			1.26
HP501	I-A-HP-5-01	ICOM			2.42			0.99
HP518601	I-A-HP-5186-01	ICOM			0.22			0.09
HP52102	I-A-HP-521-02	ICOM			0.29			0.12
HP57501	I-A-HP-575-01	ICOM			0.35			0.14
HP5801	I-A-HP-58-01	ICOM			1.32			0.54
HP58401	I-A-HP-584-01	ICOM			0.44			0.18
HP58501	I-A-HP-585-01	ICOM			0.26			0.11
HP59501	I-A-HP-595-01	ICOM			0.31			0.13
HP59601	I-A-HP-596-01	ICOM			0.31			0.13
HP61101	I-A-HP-611-01	ICOM			0.31			0.13
HP61201	I-A-HP-612-01	ICOM			0.31			0.13
HP61401	I-A-HP-614-01	ICOM			0.53			0.22
HP61701	I-A-HP-617-01	ICOM			0.53			0.22

Marine Corps Base Camp Lejeune [1b]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
HP61801	I-A-HP-618-01	ICOM			0.53			0.22
HP61901	I-A-HP-619-01	ICOM			0.53			0.22
HP62101	I-A-HP-621-01	ICOM			0.53			0.22
HP92201	I-A-HP-622-01	ICOM			1.10			0.45
HP62702	I-A-HP-627-02	ICOM			0.53			0.22
HP62801	I-A-HP-628-01	ICOM			1.06			0.43
HP62901	I-A-HP-629-01	ICOM			0.31			0.13
HP63201	I-A-HP-632-01	ICOM			0.22			0.09
HP63501	I-A-HP-635-01	ICOM			0.53			0.22
HP64001	I-A-HP-640-01	ICOM			0.23			0.09
HP64101	I-A-HP-641-01	ICOM			0.22			0.09
HP64302	I-A-HP-643-02	ICOM			0.23			0.09
HP64401	I-A-HP-644-01	ICOM			0.22			0.09
HP64602	I-A-HP-646-02	ICOM			0.22			0.09
HP64702	I-A-HP-647-02	ICOM			0.23			0.09
HP64802	I-A-HP-648-02	ICOM			0.26			0.11
HP65001	I-A-HP-650-01	ICOM			0.53			0.22
HP6501	I-A-HP-65-01	ICOM			0.53			0.22
HP65201	I-A-HP-652-01	ICOM			0.26			0.11
HP65401	I-A-HP-654-01	ICOM			0.22			0.09
HP66101	I-A-HP-661-01	ICOM			0.35			0.14
HP66201	I-A-HP-662-01	ICOM			0.31			0.13
HP66301	I-A-HP-663-01	ICOM			0.26			0.11
HP67102	I-A-HP-671-02	ICOM			3.08			1.26
HP67201	I-A-HP-672-01	ICOM			0.26			0.11
HP67302	I-A-HP-673-02	ICOM			3.53			1.44
HP69901	I-A-HP-699-01	ICOM			0.31			0.13
HP70001	I-A-HP-700-01	ICOM			0.31			0.13
HP70301	I-A-HP-703-01	ICOM			0.22			0.09
HP70401	I-A-HP-704-01	ICOM			0.18			0.07
HP70501	I-A-HP-705-01	ICOM			0.22			0.09
HP70801	I-A-HP-708-01	ICOM			0.35			0.14
HP70901	I-A-HP-709-01	ICOM			0.22			0.09
HP71001	I-A-HP-710-01	ICOM			0.31			0.13
HP71101	I-A-HP-711-01	ICOM			0.09			0.04
HP73802	I-A-HP-738-02	ICOM			0.40			0.16
HP74501	I-A-HP-745-01	ICOM			0.44			0.18
HP75101	I-A-HP-751-01	ICOM			0.88			0.36
HP8501	I-A-HP-85-01	ICOM			0.23			0.09
HP85501	I-A-HP-855-01	ICOM			0.09			0.04
HP89501	I-A-HP-895-01	ICOM			0.49			0.20
HP90207	I-A-HP-902-07	ICOM			1.32			0.54
HP98201V	I-A-HP-982-01	ICOM			0.53			0.22
HP98501	I-A-HP-985-01	ICOM			1.19			0.49
HP98902	I-A-HP-989-02	ICOM			0.53			0.22
HPH101	I-A-HP-H1-01	ICOM			1.41			0.57
HPH102	I-A-HP-H1-02	ICOM			1.10			0.45
HPH103	I-A-HP-H1-03	ICOM			1.32			0.54
HPH105	I-A-HP-H1-05	ICOM			3.57			1.46
HPH106	I-A-HP-H1-06	ICOM			3.08			1.26
HPH2902	I-A-HP-H29-02	ICOM			0.29			0.12
HPHP102	I-A-HP-HP1-02	ICOM			1.76			0.72
HPPT4101	I-A-HP-PT41-01	ICOM			0.09			0.04
HPS14550	I-A-HP-S1455-01	ICOM			0.09			0.04
HPS17610	I-A-HP-S1761-01	ICOM			0.29			0.12
HPS18810	I-A-HP-S1881-01	ICOM			0.26			0.11
HPS4601	I-A-HP-S46-01	ICOM			0.26			0.11
HPS55701	I-A-HP-S557-01	ICOM			0.53			0.22
HPS55801	I-A-HP-S558-01	ICOM			0.09			0.04
HPS70201	I-A-HP-S702-01	ICOM			0.09			0.04
HPS76801	I-A-HP-S768-01	ICOM			0.53			0.22

Marine Corps Base Camp Lejeune [1b]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
LCH40050	I-A-LCH-4005-02	ICOM			0.71			0.29
LCH40090	I-A-LCH-4009-02	ICOM			0.66			0.27
MP10727	I-A-MP-107-24	ICOM			0.09			0.04
MP13101	I-A-MP-131-01	ICOM			1.32			0.54
MP16701	I-A-MP-167-01	ICOM			1.19			0.49
MP24101	I-A-MP-241-01	ICOM			0.13			0.05
MP35003	I-A-MP-350-03	ICOM			2.03			0.83
MP45102	I-A-MP-451-02	ICOM			0.40			0.16
MP62503	I-A-MP-625-03	ICOM			2.03			0.83
M12801	I-A-MP-M128-01	ICOM			0.22			0.09
NH12002	I-A-NH-120-02	ICOM			0.31			0.13
PP191903	I-A-PP-1919-03	ICOM			0.40			0.16
PP201	I-A-PP-2-01	ICOM			1.32			0.54
PP210002	I-A-PP-2100-02	ICOM			0.18			0.07
PPS19480	I-A-PP-S1948-02	ICOM			0.13			0.05
PPS26330	I-A-PP-S2633-01	ICOM			0.26			0.11
PPS47A02	I-A-PP-S47A-02	ICOM			1.76			0.72
T2801	I-A-T28-01	ICOM			0.18			0.07
T2802	I-A-T28-02	ICOM			0.29			0.12
TT3901	I-A-TT-39-01	ICOM			2.42			0.99
TT4201	I-A-TT-42-01	ICOM			0.40			0.16
TT4301	I-A-TT-43-01	ICOM			2.20			0.90
TT6001	I-A-TT-60-01	ICOM			0.53			0.22
TT8401	I-A-TT-84-01	ICOM			3.08			1.26
TT9901	I-A-TT-99-01	ICOM			3.08			1.26
TTS3801	I-A-TT-S38-01	ICOM			0.26			0.11
TTS4701	I-A-TT-S47-01	ICOM			0.26			0.11
TTS4801	I-A-TT-S48-01	ICOM			0.26			0.11
TTSE2301	I-A-TT-SE23-01	ICOM			0.53			0.22
WC10001	I-A-WC-100-01	ICOM			3.03			1.22
WC14401	I-A-WC-144-01	ICOM			0.88			0.36
WC9901	I-A-WC-99-01	ICOM			3.08			1.26
FC28012	A-FC-280-12	ICOM -T			1.18			0.48
FC28023	A-FC-280-23	ICOM -T			3.01			1.21
FC36502	A-FC-365-02	ICOM -T			0.88			0.36
HP140902	A-HP-1409-02	ICOM -T			0.44			0.18
HP185411	A-HP-1854-11	ICOM -T			4.51			1.81
HP188006	A-HP-1880-06	ICOM -T			1.32			0.54
MP10711	A-MP-107-11	ICOM -T			0.66			0.27
MP10712	A-MP-107-12	ICOM -T			1.97			0.80
FC28501	I-A-FC-285-01	ICOM -T			0.24			0.10
HP57510	I-A-HP-575-10	ICOM -T			0.24			0.10
MP10708	I-A-MP-107-08	ICOM -T			2.35			0.96
MP10709	I-A-MP-107-09	ICOM -T			2.35			0.96
MP10710	I-A-MP-107-10	ICOM -T			2.35			0.96
FC1801	A-FC-FC18-01	LAND						2.61
HP98201	A-HP-982-01	LAND						20.23
BM82005	A-BM-820-05	RDL			14,524.35			7,847.93
HP106801	A-HP-1068-01	RDL			10,804.03			6,216.60
HP111101	A-HP-1111-01	RDL			944.91			289.54
HP4505	A-HP-45-05	RDL			4,971.12			2,898.55
HP64503	A-HP-645-03	RDL			838.63			543.16
HP90001	A-HP-900-01	RDL			4,971.12			2,898.55
LCH4015	A-LCH-4015-04	RDL			2,653.65			2,411.74
TT246373	A-TT-2463-73	RDL			4,971.12			2,898.55
FC28010	A-FC-280-10	SURF	9.01E-04	2.53E-03	9,085.77	1.48	1.48	5,316.82
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF	0.90	2.53	9,085.77	1.48	1.48	5,316.82
FC28613	A-FC-286-13	SURF	0.90	2.53	9,085.77	1.48	1.48	5,316.82
FC28620	A-FC-286-20	SURF	0.90	2.53	9,085.77	1.48	1.48	5,316.82
HP104101	A-HP-1041-01	SURF	0.15	0.43	9,085.77	1.48	1.48	5,316.82
HP120278	A-HP-1202-78	SURF	0.90	2.53	9,085.77	1.48	1.48	5,316.82

Marine Corps Base Camp Lejeune [1b]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
HP124903	A-HP-1249-03	SURF	0.90	2.53	9,085.77	1.48	1.48	5,316.82
HP90801	A-HP-908-01	SURF	0.90	2.53	9,085.77	1.48	1.48	5,316.82
HP101601	I-A-HP-1016-01	SURF	0.17	0.48	9,085.77	1.48	1.48	5,316.82
HP25701	I-A-HP-257-01	SURF			9,085.77	1.48	1.48	5,316.82
HP4001	I-A-HP-40-01	SURF	0.90	2.53	9,085.77	1.48	1.48	5,316.82
S112401	I-A-HP-S1124-01	SURF	0.15	0.43	9,085.77	1.48	1.48	5,316.82
SFC553A	I-A-SFC-553A-01	SURF	9.01	25.31	9,085.77	1.48	1.48	5,316.82
FC10007	I-A-FC-100-07	WELD	20.85					
FC14302	I-A-FC-143-02	WELD	20.85					
FC20004	I-A-FC-200-05	WELD	20.85					
FC28610	I-A-FC-286-10	WELD	20.85					
FC28614	I-A-FC-286-14	WELD	20.85					
FC28615	I-A-FC-286-15	WELD	20.85					
FC28623	I-A-FC-286-23	WELD	20.85					
FC44101	I-A-FC-441-01	WELD	20.85					
HP120206	I-A-HP-1202-06	WELD	20.85					
HP120210	I-A-HP-1202-10	WELD	20.85					
HP124905	I-A-HP-1249-05	WELD	20.85					
HP141003	I-A-HP-1410-03	WELD	20.85					
HP150210	I-A-HP-1502-10	WELD	20.85					
HP170014	I-A-HP-1700-14	WELD	20.85					
HP176502	I-A-HP-1765-02	WELD	20.85					
HP185410	I-A-HP-1854-10	WELD	20.85					
HP188005	I-A-HP-1880-05	WELD	20.85					
HP57511	I-A-HP-575-11	WELD	20.85					
HP73803	I-A-HP-738-03	WELD	20.85					
NH10013	I-A-NH-100-13	WELD	20.85					
FC44001	I-A-FC-440-01	WWT			13.94			7.09

Marine Corps Base Camp Lejeune [1c]

Jacksonville, North Carolina

Onslow County

Zone A: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	CADMIUM [7440-43-9] (lb/year)	METHYLENE CHLORIDE [75-09-2] (lb/year)
HP96110	HP-961-10	AST/UST		51.85				
FC19501U	I-FC-195-01U	AST/UST		8.41				
FC24101	I-FC-241-01A	AST/UST		70.15				
FC2981	I-FC-298-01U	AST/UST		250.01				
FC2982	I-FC-298-02U	AST/UST		250.01				
FC2983	I-FC-298-03U	AST/UST		250.01				
12321	I-HP-1232-01U	AST/UST		407.39				
12322	I-HP-1232-02U	AST/UST		407.39				
12323	I-HP-1232-03U	AST/UST		407.39				
12324	I-HP-1232-04U	AST/UST		407.39				
HP161301	I-HP-1613-01A	AST/UST		199.05				
HP161302	I-HP-1613-02A	AST/UST		199.05				
HP161303	I-HP-1613-03A	AST/UST		199.05				
HP3001U	I-HP-30-01U	AST/UST		6.99				
HP96101	I-HP-961-01A	AST/UST		48.26				
HP96102	I-HP-961-02A	AST/UST		48.26				
HP96107A	I-HP-961-07A	AST/UST		39.70				
HP1002	I-HP-HP100-05U	AST/UST		6.99				
HP2371	I-HP-HP237-05U	AST/UST		6.99				
LC40341	I-LCH-4034-01A	AST/UST		45.22				
LC40342	I-LCH-4034-02A	AST/UST		45.22				
LC40343	I-LCH-4034-03A	AST/UST		21.16				
M9003U	I-M-90-03U	AST/UST		6.99				
NH1181A	I-NH-118-01A	AST/UST		44.27				
STP44602	I-PG-STP-446-02A	AST/UST		21.88				
PP193202	I-PP-1932-02U	AST/UST		6.99				
PP82001U	I-PP-820-01U	AST/UST		146.11				
PP82002U	I-PP-820-02U	AST/UST		146.11				
PP82003U	I-PP-820-03U	AST/UST		146.11				
TT24781	I-TT-2478-01U	AST/UST		116.00				
TT24782	I-TT-2478-02U	AST/UST		116.00				
TT24783	I-TT-2478-03U	AST/UST		116.00				
TT49	I-TT-69-01U (TT-49-1)	AST/UST		6.99				
HP120201	I-A-HP-1202-01	DEGR						1,845.68
HP124902	I-A-HP-1249-02	DEGR						1,845.68
HP131101	I-A-HP-1311-01	DEGR						1,845.68
HP170001	A-HP-1700-01	ECOM	51.13	55.25	239.46		308.81	1,093.09
HP170002	A-HP-1700-02	ECOM	51.13	55.25	239.46		308.81	1,093.09
HP170003	A-HP-1700-03	ECOM	51.13	55.25	239.46		308.81	1,093.09
HP170004	A-HP-1700-04	ECOM	51.13	55.25	239.46		308.81	1,093.09
HP170005	A-HP-1700-05	ECOM	10.35	1.81	198.68		256.22	
MP62572	A-MP-625-72	ECOM	3.26	0.57	62.62		80.75	
MP62573	A-MP-625-73	ECOM	3.26	0.57	62.62		80.75	
MP62574	A-MP-625-74	ECOM	3.26	0.57	62.62		80.75	
NH10001	A-NH-100-01	ECOM	1.59	0.28	30.63		39.50	
NH10002	A-NH-100-02	ECOM	1.59	0.28	30.63		39.50	
BM205001	I-A-BM-2050-01	ECOM	2.12E-03	0.01	3.26E-03		0.39	
BM205101	I-A-BM-2051-01	ECOM	2.12E-03	0.01	3.26E-03		0.39	
BM540080	I-A-BM-5400-80	ECOM	0.27	0.04	5.23		6.74	
BM540081	I-A-BM-5400-81	ECOM	0.27	0.04	5.23		6.74	
BM82512	I-A-BM-825-12	ECOM	0.62	0.08	11.92		15.37	
BM82513	I-A-BM-825-13	ECOM	0.62	0.08	11.92		15.37	
BM825H1	I-A-BM-825-H1	ECOM	0.16	0.02	3.14		4.05	
BM83506	I-A-BM-835-06	ECOM	0.33	0.04	6.27		8.09	
BM83507	I-A-BM-835-07	ECOM	0.33	0.04	6.27		8.09	
BM890H10	I-A-BM-890-H10	ECOM	0.09	0.01	1.67		2.16	
BM890H9	I-A-BM-890-H9	ECOM	0.13	0.02	2.51		3.24	
FC26090	I-A-FC-260-90	ECOM	0.15	0.02	2.97		3.83	
FC36201	I-A-FC-362-01	ECOM	2.07E-03	0.01	3.18E-03		0.38	
FC43601	I-A-FC-436-01	ECOM	2.07E-03	0.01	3.18E-03		0.38	
FC44087	I-A-FC-440-04	ECOM	0.09	0.01	1.76		2.27	
HP202720	I-A-HP-2027-20	ECOM	0.80	0.10	15.32		19.76	

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Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	CADMIUM [7440-43-9] (lb/year)	METHYLENE CHLORIDE [75-09-2] (lb/year)
HP202721	I-A-HP-2027-21	ECOM	0.80	0.10	15.32		19.76	
P2027H13	I-A-HP-2027-H13	ECOM	0.07	0.01	1.25		1.62	
P2027H14	I-A-HP-2027-H14	ECOM	0.07	0.01	1.25		1.62	
P2027H15	I-A-HP-2028-H15	ECOM	0.07	0.01	1.25		1.62	
P2027H16	I-A-HP-2028-H16	ECOM	0.07	0.01	1.25		1.62	
HP4075	I-A-HP-40-75	ECOM	0.44	0.06	8.51		10.98	
HP4076	I-A-HP-40-76	ECOM	0.41	0.05	7.96		10.27	
HP67088	I-A-HP-670-88	ECOM	0.07	0.01	1.36		1.75	
HP73859	I-A-HP-738-59	ECOM	0.05	0.01	0.98		1.26	
HP98931	I-A-HP-989-31	ECOM	0.12	0.02	2.27		2.92	
LC401417	I-A-LCH-4014-17	ECOM	0.25	0.03	4.73		6.10	
LC402219	I-A-LCH-4022-19	ECOM	0.07	0.01	1.32		1.70	
MGSH858	I-A-MG-SH8-58	ECOM	0.13	0.02	2.45		3.16	
MP23038	I-A-MP-230-38	ECOM	0.91	0.16	17.50		22.57	
MP23039	I-A-MP-230-39	ECOM	0.91	0.16	17.50		22.57	
MP23040	I-A-MP-230-40	ECOM	0.91	0.16	17.50		22.57	
MP23102	I-A-MP-231-02	ECOM	0.01	0.02	0.01		1.08	
NH10005	I-A-NH-100-05	ECOM	0.46	0.08	8.75		11.28	
NH11803	I-A-NH-118-03	ECOM	0.07	0.01	1.30		1.67	
NH12004	I-A-NH-120-04	ECOM	0.04	4.89E-03	0.72		0.92	
NH120H4	I-A-NH-120-H4	ECOM	0.11	0.01	2.09		2.70	
NH12101	I-A-NH-121-01	ECOM	0.05	0.01	0.92		1.19	
NH121H1	I-A-NH-121-H1	ECOM	0.09	0.01	1.67		2.16	
PP20101	I-A-PP-201-01	ECOM	3.72E-03	0.01	0.01		0.68	
PP20102	I-A-PP-201-02	ECOM	3.72E-03	0.01	0.01		0.68	
PP20103	I-A-PP-201-03	ECOM	3.72E-03	0.01	0.01		0.68	
PP202	I-A-PP-2-02	ECOM	2.12E-03	0.01	3.26E-03		0.39	
PP203	I-A-PP-2-03	ECOM	2.12E-03	0.01	3.26E-03		0.39	
PP204	I-A-PP-2-04	ECOM	2.12E-03	0.01	3.26E-03		0.39	
PP205	I-A-PP-2-05	ECOM	2.12E-03	0.01	3.26E-03		0.39	
PP206	I-A-PP-2-06	ECOM	2.12E-03	0.01	3.26E-03		0.39	
P261509B	I-A-PP-2615-09B	ECOM	0.01	0.02	0.01		1.22	
P261510B	I-A-PP-2615-10B	ECOM	0.01	0.02	0.01		1.22	
PP261511	I-A-PP-2615-11B	ECOM	0.01	0.04	0.02		1.94	
PP261701	I-A-PP-2617-01	ECOM	0.01	0.02	0.01		0.96	
PP401	I-A-PP-4-01	ECOM	2.07E-03	0.01	3.18E-03		0.38	
TT245766	I-A-TT-2457-66	ECOM	0.11	0.01	2.07		2.67	
TT4430	I-A-TT-44-30	ECOM	0.05	0.01	0.94		1.21	
TT6078	I-A-TT-60-78	ECOM	0.30	0.04	5.86		7.55	
TT6079	I-A-TT-60-79	ECOM	0.30	0.04	5.86		7.55	
TT8423	I-A-TT-84-23	ECOM	0.01	0.02	0.01		1.16	
TT8424	I-A-TT-84-24	ECOM	0.01	0.02	0.01		1.16	
TT84H11	I-A-TT-84-H11	ECOM	1.01E-03	3.61E-03	1.55E-03		0.18	
TT84H12	I-A-TT-84-H12	ECOM	2.12E-03	0.01	3.26E-03		0.38	
TT8625	I-A-TT-86-25	ECOM	0.01	0.02	0.01		1.16	
TT8626	I-A-TT-86-26	ECOM	0.01	0.02	0.01		1.16	
WC10002	I-A-WC-100-02	ECOM	2.12E-03	0.01	3.26E-03		0.39	
WC10003	I-A-WC-100-03	ECOM	2.12E-03	0.01	3.26E-03		0.39	
WC10004	I-A-WC-100-04	ECOM	2.12E-03	0.01	3.26E-03		0.39	
WC10005	I-A-WC-100-05	ECOM	0.01	0.03	0.01		1.45	
WC10501	I-A-WC-105-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC10502	I-A-WC-105-02	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC11001	I-A-WC-110-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC11002	I-A-WC-110-02	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC11501	I-A-WC-115-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC11502	I-A-WC-115-02	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC12001	I-A-WC-120-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC12002	I-A-WC-120-02	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC12401	I-A-WC-124-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC12402	I-A-WC-124-02	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC12501	I-A-WC-125-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC12502	I-A-WC-125-02	ECOM	3.19E-03	0.01	4.90E-03		0.58	

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WC13001	I-A-WC-130-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC13002	I-A-WC-130-02	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC13501	I-A-WC-135-01	ECOM	3.19E-03	0.01	4.90E-03		0.58	
WC13502	I-A-WC-135-02	ECOM	3.72E-03	0.01	0.01		0.68	
WC14601	I-A-WC-146-01	ECOM	2.12E-03	0.01	3.26E-03		0.39	
WC14602	I-A-WC-146-02	ECOM	2.12E-03	0.01	3.26E-03		0.39	
HP96110D	HP-961-10	FDSP		468.92				
C19501UD	I-FC-195-01U	FDSP		3.87				
FC24101D	I-FC-241-01A	FDSP		4.84				
FC2981D	I-FC-298-01U	FDSP		115.11				
FC2982D	I-FC-298-02U	FDSP		115.11				
FC2983D	I-FC-298-03U	FDSP		115.11				
12321D	I-HP-1232-01U	FDSP		187.57				
12322D	I-HP-1232-02U	FDSP		187.57				
12323D	I-HP-1232-03U	FDSP		187.57				
12324D	I-HP-1232-04U	FDSP		187.57				
P161301D	I-HP-1613-01A	FDSP		49.84				
P161302D	I-HP-1613-02A	FDSP		49.84				
P161303D	I-HP-1613-03A	FDSP		49.84				
HP3001UD	I-HP-30-01U	FDSP		0.65				
HP96101D	I-HP-961-01A	FDSP		9.68				
HP96102D	I-HP-961-02A	FDSP		9.68				
P96107AD	I-HP-961-07A	FDSP		5.56				
HP1002D	I-HP-HP100-05U	FDSP		1.29				
HP2371D	I-HP-HP237-05U	FDSP		1.55				
LC40341D	I-LCH-4034-01A	FDSP		16.87				
LC40342D	I-LCH-4034-02A	FDSP		16.87				
LC40343D	I-LCH-4034-03A	FDSP		4.22				
M9003UD	I-M-90-03U	FDSP		0.65				
NH1181AD	I-NH-118-01A	FDSP		6.45				
TP44602D	I-PG-STP-446-02A	FDSP		1.29				
P193202D	I-PP-1932-02U	FDSP		0.65				
P82001UD	I-PP-820-01U	FDSP		67.27				
P82002UD	I-PP-820-02U	FDSP		67.27				
P82003UD	I-PP-820-03U	FDSP		67.27				
TT24781D	I-TT-2478-01U	FDSP		53.41				
TT24782D	I-TT-2478-02U	FDSP		53.41				
TT24783D	I-TT-2478-03U	FDSP		53.41				
TT49D	I-TT-69-01U (TT-49-1)	FDSP		0.65				
FC28021	I-A-FC-280-21	HEAT						
FC28022	I-A-FC-280-22	HEAT						
HP125003	I-A-HP-1250-03	HEAT						
FC28024	A-FC-280-24	ICOM		3.25				
FC44203	A-FC-442-03	ICOM		3.51				
FC44302	A-FC-443-02	ICOM		2.89				
FC44501	A-FC-445-01	ICOM		2.89				
FC54001	A-FC-540-01	ICOM		5.79				
HP123002	A-HP-1230-02	ICOM		3.86				
HP12801	A-HP-128-01	ICOM		2.31				
HP170013	A-HP-1700-13	ICOM		1.93				
HP22701	A-HP-227-01	ICOM		3.13				
HP41101	A-HP-411-01	ICOM		1.93				
HP4501	A-HP-45-01	ICOM		108.15				
HP5402	A-HP-54-02	ICOM		1.93				
HP59001	A-HP-590-01	ICOM		2.89				
HP901	A-HP-9-01	ICOM		1.93				
MP45501B	A-MP-455-01B	ICOM		4.82				
MP45502B	A-MP-455-02B	ICOM		1.86				
NH10010B	A-NH-100-10B	ICOM		4.30				
NH10011B	A-NH-100-11B	ICOM		4.30				
NH10012B	A-NH-100-12B	ICOM		4.30				
BM462	I-A-BM-46-2	ICOM		0.14				

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BM540002	I-A-BM-5400-02	ICOM		0.23				
BM60701	I-A-BM-607-01	ICOM		0.12				
BM83502	I-A-BM-835-02	ICOM		0.15				
BM83503	I-A-BM-835-03	ICOM		0.93				
BM84201	I-A-BM-842-01	ICOM		0.46				
FC104102	I-A-FC-1041-02	ICOM		1.62				
FC10701	I-A-FC-1070-1	ICOM		0.46				
FC11601	I-A-FC-116-01	ICOM		0.12				
FC19902	I-A-FC-199-02	ICOM		0.28				
FC25902	I-A-FC-259-02	ICOM		0.14				
FC26002	I-A-FC-260-02	ICOM		0.05				
FC29401	I-A-FC-294-01	ICOM		0.42				
FC30001	I-A-FC-300-01	ICOM		0.35				
FC30301	I-A-FC-303-01	ICOM		1.93				
FC31502	I-A-FC-315-02	ICOM		0.70				
FC36402	I-A-FC-364-02	ICOM		0.28				
FC3902	I-A-FC-39-02	ICOM		0.26				
FC42001	I-A-FC-420-01	ICOM		0.26				
FC59902	I-A-FC-599-02	ICOM		0.14				
FCS51101	I-A-FC-S511-01	ICOM		0.23				
HP100502	I-A-HP-1005-02	ICOM		1.93				
HP102	I-A-HP-1-02	ICOM		0.58				
HP102301	I-A-HP-1023-01	ICOM		0.70				
HP120101	I-A-HP-1201-01	ICOM		0.58				
HP120205	I-A-HP-1202-05	ICOM		0.46				
HP120207	I-A-HP-1202-07	ICOM		0.14				
HP120211	I-A-HP-1202-11	ICOM		1.62				
HP121201	I-A-HP-1212-01	ICOM		0.93				
HP121202	I-A-HP-1212-02	ICOM		0.93				
HP12201	I-A-HP-122-01	ICOM		1.86				
HP123001	I-A-HP-1230-01	ICOM		0.23				
HP140401	I-A-HP-1404-01	ICOM		0.21				
HP1502	I-A-HP-15-02	ICOM		0.93				
HP165001	I-A-HP-1650-01	ICOM		1.07				
HP168801	I-A-HP-1688-01	ICOM		0.28				
HP177601	I-A-HP-1776-01	ICOM		0.23				
HP1801	I-A-HP-18-01	ICOM		0.83				
HP2002	I-A-HP-20-02	ICOM		0.81				
HP2004	I-A-HP-20-04	ICOM		0.81				
HP21101	I-A-HP-211-01	ICOM		0.28				
HP2402	I-A-HP-24-02	ICOM		0.60				
HP2403	I-A-HP-24-03	ICOM		1.86				
HP261701	I-A-HP-2617-01	ICOM		0.93				
HP303	I-A-HP-3-03	ICOM		1.28				
HP31201	I-A-HP-312-01	ICOM		0.70				
HP3401	I-A-HP-34-01	ICOM		0.12				
HP35301	I-A-HP-353-01	ICOM		0.93				
HP42501	I-A-HP-425-01	ICOM		1.62				
HP501	I-A-HP-5-01	ICOM		1.28				
HP518601	I-A-HP-5186-01	ICOM		0.12				
HP52102	I-A-HP-521-02	ICOM		0.15				
HP57501	I-A-HP-575-01	ICOM		0.19				
HP5801	I-A-HP-58-01	ICOM		0.70				
HP58401	I-A-HP-584-01	ICOM		0.23				
HP58501	I-A-HP-585-01	ICOM		0.14				
HP59501	I-A-HP-595-01	ICOM		0.16				
HP59601	I-A-HP-596-01	ICOM		0.16				
HP61101	I-A-HP-611-01	ICOM		0.16				
HP61201	I-A-HP-612-01	ICOM		0.16				
HP61401	I-A-HP-614-01	ICOM		0.28				
HP61701	I-A-HP-617-01	ICOM		0.28				
HP61801	I-A-HP-618-01	ICOM		0.28				

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HP61901	I-A-HP-619-01	ICOM		0.28				
HP62101	I-A-HP-621-01	ICOM		0.28				
HP92201	I-A-HP-622-01	ICOM		0.58				
HP62702	I-A-HP-627-02	ICOM		0.28				
HP62801	I-A-HP-628-01	ICOM		0.56				
HP62901	I-A-HP-629-01	ICOM		0.16				
HP63201	I-A-HP-632-01	ICOM		0.12				
HP63501	I-A-HP-635-01	ICOM		0.28				
HP64001	I-A-HP-640-01	ICOM		0.12				
HP64101	I-A-HP-641-01	ICOM		0.12				
HP64302	I-A-HP-643-02	ICOM		0.12				
HP64401	I-A-HP-644-01	ICOM		0.12				
HP64602	I-A-HP-646-02	ICOM		0.12				
HP64702	I-A-HP-647-02	ICOM		0.12				
HP64802	I-A-HP-648-02	ICOM		0.14				
HP65001	I-A-HP-650-01	ICOM		0.28				
HP6501	I-A-HP-65-01	ICOM		0.28				
HP65201	I-A-HP-652-01	ICOM		0.14				
HP65401	I-A-HP-654-01	ICOM		0.12				
HP66101	I-A-HP-661-01	ICOM		0.19				
HP66201	I-A-HP-662-01	ICOM		0.16				
HP66301	I-A-HP-663-01	ICOM		0.14				
HP67102	I-A-HP-671-02	ICOM		1.62				
HP67201	I-A-HP-672-01	ICOM		0.14				
HP67302	I-A-HP-673-02	ICOM		1.86				
HP69901	I-A-HP-699-01	ICOM		0.16				
HP70001	I-A-HP-700-01	ICOM		0.16				
HP70301	I-A-HP-703-01	ICOM		0.12				
HP70401	I-A-HP-704-01	ICOM		0.09				
HP70501	I-A-HP-705-01	ICOM		0.12				
HP70801	I-A-HP-708-01	ICOM		0.19				
HP70901	I-A-HP-709-01	ICOM		0.12				
HP71001	I-A-HP-710-01	ICOM		0.16				
HP71101	I-A-HP-711-01	ICOM		0.05				
HP73802	I-A-HP-738-02	ICOM		0.21				
HP74501	I-A-HP-745-01	ICOM		0.23				
HP75101	I-A-HP-751-01	ICOM		0.46				
HP8501	I-A-HP-85-01	ICOM		0.12				
HP85501	I-A-HP-855-01	ICOM		0.05				
HP89501	I-A-HP-895-01	ICOM		0.26				
HP90207	I-A-HP-902-07	ICOM		0.70				
HP98201V	I-A-HP-982-01	ICOM		0.28				
HP98501	I-A-HP-985-01	ICOM		0.63				
HP98902	I-A-HP-989-02	ICOM		0.28				
HPH101	I-A-HP-H1-01	ICOM		0.74				
HPH102	I-A-HP-H1-02	ICOM		0.58				
HPH103	I-A-HP-H1-03	ICOM		0.70				
HPH105	I-A-HP-H1-05	ICOM		1.88				
HPH106	I-A-HP-H1-06	ICOM		1.62				
HPH2902	I-A-HP-H29-02	ICOM		0.15				
HPHP102	I-A-HP-HP1-02	ICOM		0.93				
HPPT4101	I-A-HP-PT41-01	ICOM		0.05				
HPS14550	I-A-HP-S1455-01	ICOM		0.05				
HPS17610	I-A-HP-S1761-01	ICOM		0.15				
HPS18810	I-A-HP-S1881-01	ICOM		0.14				
HPS4601	I-A-HP-S46-01	ICOM		0.14				
HPS55701	I-A-HP-S557-01	ICOM		0.28				
HPS55801	I-A-HP-S558-01	ICOM		0.05				
HPS70201	I-A-HP-S702-01	ICOM		0.05				
HPS76801	I-A-HP-S768-01	ICOM		0.28				
LCH40050	I-A-LCH-4005-02	ICOM		0.38				
LCH40090	I-A-LCH-4009-02	ICOM		0.35				

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Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	CADMIUM [7440-43-9] (lb/year)	METHYLENE CHLORIDE [75-09-2] (lb/year)
MP10727	I-A-MP-107-24	ICOM		0.05				
MP13101	I-A-MP-131-01	ICOM		0.70				
MP16701	I-A-MP-167-01	ICOM		0.63				
MP24101	I-A-MP-241-01	ICOM		0.07				
MP35003	I-A-MP-350-03	ICOM		1.07				
MP45102	I-A-MP-451-02	ICOM		0.21				
MP62503	I-A-MP-625-03	ICOM		1.07				
M12801	I-A-MP-M128-01	ICOM		0.12				
NH12002	I-A-NH-120-02	ICOM		0.16				
PP191903	I-A-PP-1919-03	ICOM		0.21				
PP201	I-A-PP-2-01	ICOM		0.70				
PP210002	I-A-PP-2100-02	ICOM		0.09				
PPS19480	I-A-PP-S1948-02	ICOM		0.07				
PPS26330	I-A-PP-S2633-01	ICOM		0.14				
PPS47A02	I-A-PP-S47A-02	ICOM		0.93				
T2801	I-A-T28-01	ICOM		0.09				
T2802	I-A-T28-02	ICOM		0.15				
TT3901	I-A-TT-39-01	ICOM		1.28				
TT4201	I-A-TT-42-01	ICOM		0.21				
TT4301	I-A-TT-43-01	ICOM		1.16				
TT6001	I-A-TT-60-01	ICOM		0.28				
TT8401	I-A-TT-84-01	ICOM		1.62				
TT9901	I-A-TT-99-01	ICOM		1.62				
TTS3801	I-A-TT-S38-01	ICOM		0.14				
TTS4701	I-A-TT-S47-01	ICOM		0.14				
TTS4801	I-A-TT-S48-01	ICOM		0.14				
TTSE2301	I-A-TT-SE23-01	ICOM		0.28				
WC10001	I-A-WC-100-01	ICOM		1.93				
WC14401	I-A-WC-144-01	ICOM		0.46				
WC9901	I-A-WC-99-01	ICOM		1.62				
FC28012	A-FC-280-12	ICOM -T		7.42				
FC28023	A-FC-280-23	ICOM -T		23.03				
FC36502	A-FC-365-02	ICOM -T		5.57				
HP140902	A-HP-1409-02	ICOM -T		2.78				
HP185411	A-HP-1854-11	ICOM -T		34.52				
HP188006	A-HP-1880-06	ICOM -T		8.35				
MP10711	A-MP-107-11	ICOM -T		4.16				
MP10712	A-MP-107-12	ICOM -T		12.47				
FC28501	I-A-FC-285-01	ICOM -T		1.52				
HP57510	I-A-HP-575-10	ICOM -T		1.48				
MP10708	I-A-MP-107-08	ICOM -T		14.84				
MP10709	I-A-MP-107-09	ICOM -T		14.84				
MP10710	I-A-MP-107-10	ICOM -T		14.84				
FC1801	A-FC-FC18-01	LAND						1,509.92
HP98201	A-HP-982-01	LAND						11,718.81
BM82005	A-BM-820-05	RDL		11,652.18				
HP106801	A-HP-1068-01	RDL		11,652.18				
HP111101	A-HP-1111-01	RDL		635.57				
HP4505	A-HP-45-05	RDL		158.89				
HP64503	A-HP-645-03	RDL		317.79				
HP90001	A-HP-900-01	RDL		158.89				
LCH4015	A-LCH-4015-04	RDL		238.34				
TT246373	A-TT-2463-73	RDL		158.89				
FC28010	A-FC-280-10	SURF		26.48		9.58E-04		357,003.42
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF		26.48		9.58		3,570,034.24
FC28613	A-FC-286-13	SURF		26.48		9.58		3,570,034.24
FC28620	A-FC-286-20	SURF		26.48		0.96		357,003.42
HP104101	A-HP-1041-01	SURF		26.48		0.16		357,003.42
HP120278	A-HP-1202-78	SURF		26.48		0.96		357,003.42
HP124903	A-HP-1249-03	SURF		26.48		0.96		357,003.42
HP90801	A-HP-908-01	SURF		26.48		0.96		357,003.42
HP101601	I-A-HP-1016-01	SURF		26.48		0.18		357,003.42

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Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	CADMIUM [7440-43-9] (lb/year)	METHYLENE CHLORIDE [75-09-2] (lb/year)
HP25701	I-A-HP-257-01	SURF		26.48				714,006.85
HP4001	I-A-HP-40-01	SURF		26.48		0.96		357,003.42
S112401	I-A-HP-S1124-01	SURF		26.48		0.16		357,003.42
SFC553A	I-A-SFC-553A-01	SURF		26.48		9.58		357,003.42
FC10007	I-A-FC-100-07	WELD						
FC14302	I-A-FC-143-02	WELD						
FC20004	I-A-FC-200-05	WELD						
FC28610	I-A-FC-286-10	WELD						
FC28614	I-A-FC-286-14	WELD						
FC28615	I-A-FC-286-15	WELD						
FC28623	I-A-FC-286-23	WELD						
FC44101	I-A-FC-441-01	WELD						
HP120206	I-A-HP-1202-06	WELD						
HP120210	I-A-HP-1202-10	WELD						
HP124905	I-A-HP-1249-05	WELD						
HP141003	I-A-HP-1410-03	WELD						
HP150210	I-A-HP-1502-10	WELD						
HP170014	I-A-HP-1700-14	WELD						
HP176502	I-A-HP-1765-02	WELD						
HP185410	I-A-HP-1854-10	WELD						
HP188005	I-A-HP-1880-05	WELD						
HP57511	I-A-HP-575-11	WELD						
HP73803	I-A-HP-738-03	WELD						
NH10013	I-A-NH-100-13	WELD						
FC44001	I-A-FC-440-01	WWT		18.86				

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HP96110	HP-961-10	AST/UST			
FC19501U	I-FC-195-01U	AST/UST			
FC24101	I-FC-241-01A	AST/UST			
FC2981	I-FC-298-01U	AST/UST			
FC2982	I-FC-298-02U	AST/UST			
FC2983	I-FC-298-03U	AST/UST			
12321	I-HP-1232-01U	AST/UST			
12322	I-HP-1232-02U	AST/UST			
12323	I-HP-1232-03U	AST/UST			
12324	I-HP-1232-04U	AST/UST			
HP161301	I-HP-1613-01A	AST/UST			
HP161302	I-HP-1613-02A	AST/UST			
HP161303	I-HP-1613-03A	AST/UST			
HP3001U	I-HP-30-01U	AST/UST			
HP96101	I-HP-961-01A	AST/UST			
HP96102	I-HP-961-02A	AST/UST			
HP96107A	I-HP-961-07A	AST/UST			
HP1002	I-HP-HP100-05U	AST/UST			
HP2371	I-HP-HP237-05U	AST/UST			
LC40341	I-LCH-4034-01A	AST/UST			
LC40342	I-LCH-4034-02A	AST/UST			
LC40343	I-LCH-4034-03A	AST/UST			
M9003U	I-M-90-03U	AST/UST			
NH1181A	I-NH-118-01A	AST/UST			
STP44602	I-PG-STP-446-02A	AST/UST			
PP193202	I-PP-1932-02U	AST/UST			
PP82001U	I-PP-820-01U	AST/UST			
PP82002U	I-PP-820-02U	AST/UST			
PP82003U	I-PP-820-03U	AST/UST			
TT24781	I-TT-2478-01U	AST/UST			
TT24782	I-TT-2478-02U	AST/UST			
TT24783	I-TT-2478-03U	AST/UST			
TT49	I-TT-69-01U (TT-49-1)	AST/UST			
HP120201	I-A-HP-1202-01	DEGR		19,484.50	
HP124902	I-A-HP-1249-02	DEGR		19,484.50	
HP131101	I-A-HP-1311-01	DEGR		19,484.50	
HP170001	A-HP-1700-01	ECOM	3.19	1,711.03	
HP170002	A-HP-1700-02	ECOM	3.19	1,711.03	
HP170003	A-HP-1700-03	ECOM	3.19	1,711.03	
HP170004	A-HP-1700-04	ECOM	3.19	1,711.03	
HP170005	A-HP-1700-05	ECOM			
MP62572	A-MP-625-72	ECOM			
MP62573	A-MP-625-73	ECOM			
MP62574	A-MP-625-74	ECOM			
NH10001	A-NH-100-01	ECOM			
NH10002	A-NH-100-02	ECOM			
BM205001	I-A-BM-2050-01	ECOM			
BM205101	I-A-BM-2051-01	ECOM			
BM540080	I-A-BM-5400-80	ECOM			
BM540081	I-A-BM-5400-81	ECOM			
BM82512	I-A-BM-825-12	ECOM			
BM82513	I-A-BM-825-13	ECOM			
BM825H1	I-A-BM-825-H1	ECOM			
BM83506	I-A-BM-835-06	ECOM			
BM83507	I-A-BM-835-07	ECOM			
BM890H10	I-A-BM-890-H10	ECOM			
BM890H9	I-A-BM-890-H9	ECOM			
FC26090	I-A-FC-260-90	ECOM			
FC36201	I-A-FC-362-01	ECOM			
FC43601	I-A-FC-436-01	ECOM			
FC44087	I-A-FC-440-04	ECOM			
HP202720	I-A-HP-2027-20	ECOM			

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HP202721	I-A-HP-2027-21	ECOM			
P2027H13	I-A-HP-2027-H13	ECOM			
P2027H14	I-A-HP-2027-H14	ECOM			
P2027H15	I-A-HP-2028-H15	ECOM			
P2027H16	I-A-HP-2028-H16	ECOM			
HP4075	I-A-HP-40-75	ECOM			
HP4076	I-A-HP-40-76	ECOM			
HP67088	I-A-HP-670-88	ECOM			
HP73859	I-A-HP-738-59	ECOM			
HP98931	I-A-HP-989-31	ECOM			
LC401417	I-A-LCH-4014-17	ECOM			
LC402219	I-A-LCH-4022-19	ECOM			
MGSH858	I-A-MG-SH8-58	ECOM			
MP23038	I-A-MP-230-38	ECOM			
MP23039	I-A-MP-230-39	ECOM			
MP23040	I-A-MP-230-40	ECOM			
MP23102	I-A-MP-231-02	ECOM			
NH10005	I-A-NH-100-05	ECOM			
NH11803	I-A-NH-118-03	ECOM			
NH12004	I-A-NH-120-04	ECOM			
NH120H4	I-A-NH-120-H4	ECOM			
NH12101	I-A-NH-121-01	ECOM			
NH121H1	I-A-NH-121-H1	ECOM			
PP20101	I-A-PP-201-01	ECOM			
PP20102	I-A-PP-201-02	ECOM			
PP20103	I-A-PP-201-03	ECOM			
PP202	I-A-PP-2-02	ECOM			
PP203	I-A-PP-2-03	ECOM			
PP204	I-A-PP-2-04	ECOM			
PP205	I-A-PP-2-05	ECOM			
PP206	I-A-PP-2-06	ECOM			
P261509B	I-A-PP-2615-09B	ECOM			
P261510B	I-A-PP-2615-10B	ECOM			
PP261511	I-A-PP-2615-11B	ECOM			
PP261701	I-A-PP-2617-01	ECOM			
PP401	I-A-PP-4-01	ECOM			
TT245766	I-A-TT-2457-66	ECOM			
TT4430	I-A-TT-44-30	ECOM			
TT6078	I-A-TT-60-78	ECOM			
TT6079	I-A-TT-60-79	ECOM			
TT8423	I-A-TT-84-23	ECOM			
TT8424	I-A-TT-84-24	ECOM			
TT84H11	I-A-TT-84-H11	ECOM			
TT84H12	I-A-TT-84-H12	ECOM			
TT8625	I-A-TT-86-25	ECOM			
TT8626	I-A-TT-86-26	ECOM			
WC10002	I-A-WC-100-02	ECOM			
WC10003	I-A-WC-100-03	ECOM			
WC10004	I-A-WC-100-04	ECOM			
WC10005	I-A-WC-100-05	ECOM			
WC10501	I-A-WC-105-01	ECOM			
WC10502	I-A-WC-105-02	ECOM			
WC11001	I-A-WC-110-01	ECOM			
WC11002	I-A-WC-110-02	ECOM			
WC11501	I-A-WC-115-01	ECOM			
WC11502	I-A-WC-115-02	ECOM			
WC12001	I-A-WC-120-01	ECOM			
WC12002	I-A-WC-120-02	ECOM			
WC12401	I-A-WC-124-01	ECOM			
WC12402	I-A-WC-124-02	ECOM			
WC12501	I-A-WC-125-01	ECOM			
WC12502	I-A-WC-125-02	ECOM			

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WC13001	I-A-WC-130-01	ECOM			
WC13002	I-A-WC-130-02	ECOM			
WC13501	I-A-WC-135-01	ECOM			
WC13502	I-A-WC-135-02	ECOM			
WC14601	I-A-WC-146-01	ECOM			
WC14602	I-A-WC-146-02	ECOM			
HP96110D	HP-961-10	FDSP			
C19501UD	I-FC-195-01U	FDSP			
FC24101D	I-FC-241-01A	FDSP			
FC2981D	I-FC-298-01U	FDSP			
FC2982D	I-FC-298-02U	FDSP			
FC2983D	I-FC-298-03U	FDSP			
12321D	I-HP-1232-01U	FDSP			
12322D	I-HP-1232-02U	FDSP			
12323D	I-HP-1232-03U	FDSP			
12324D	I-HP-1232-04U	FDSP			
P161301D	I-HP-1613-01A	FDSP			
P161302D	I-HP-1613-02A	FDSP			
P161303D	I-HP-1613-03A	FDSP			
HP3001UD	I-HP-30-01U	FDSP			
HP96101D	I-HP-961-01A	FDSP			
HP96102D	I-HP-961-02A	FDSP			
P96107AD	I-HP-961-07A	FDSP			
HP1002D	I-HP-HP100-05U	FDSP			
HP2371D	I-HP-HP237-05U	FDSP			
LC40341D	I-LCH-4034-01A	FDSP			
LC40342D	I-LCH-4034-02A	FDSP			
LC40343D	I-LCH-4034-03A	FDSP			
M9003UD	I-M-90-03U	FDSP			
NH1181AD	I-NH-118-01A	FDSP			
TP44602D	I-PG-STP-446-02A	FDSP			
P193202D	I-PP-1932-02U	FDSP			
P82001UD	I-PP-820-01U	FDSP			
P82002UD	I-PP-820-02U	FDSP			
P82003UD	I-PP-820-03U	FDSP			
TT24781D	I-TT-2478-01U	FDSP			
TT24782D	I-TT-2478-02U	FDSP			
TT24783D	I-TT-2478-03U	FDSP			
TT49D	I-TT-69-01U (TT-49-1)	FDSP			
FC28021	I-A-FC-280-21	HEAT	0.02		
FC28022	I-A-FC-280-22	HEAT	0.02		
HP125003	I-A-HP-1250-03	HEAT	0.02		
FC28024	A-FC-280-24	ICOM			
FC44203	A-FC-442-03	ICOM			
FC44302	A-FC-443-02	ICOM			
FC44501	A-FC-445-01	ICOM			
FC54001	A-FC-540-01	ICOM			
HP123002	A-HP-1230-02	ICOM			
HP12801	A-HP-128-01	ICOM			
HP170013	A-HP-1700-13	ICOM			
HP22701	A-HP-227-01	ICOM			
HP41101	A-HP-411-01	ICOM			
HP4501	A-HP-45-01	ICOM			
HP5402	A-HP-54-02	ICOM			
HP59001	A-HP-590-01	ICOM			
HP901	A-HP-9-01	ICOM			
MP45501B	A-MP-455-01B	ICOM			
MP45502B	A-MP-455-02B	ICOM			
NH10010B	A-NH-100-10B	ICOM			
NH10011B	A-NH-100-11B	ICOM			
NH10012B	A-NH-100-12B	ICOM			
BM462	I-A-BM-46-2	ICOM			

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BM540002	I-A-BM-5400-02	ICOM			
BM60701	I-A-BM-607-01	ICOM			
BM83502	I-A-BM-835-02	ICOM			
BM83503	I-A-BM-835-03	ICOM			
BM84201	I-A-BM-842-01	ICOM			
FC104102	I-A-FC-1041-02	ICOM			
FC10701	I-A-FC-1070-1	ICOM			
FC11601	I-A-FC-116-01	ICOM			
FC19902	I-A-FC-199-02	ICOM			
FC25902	I-A-FC-259-02	ICOM			
FC26002	I-A-FC-260-02	ICOM			
FC29401	I-A-FC-294-01	ICOM			
FC30001	I-A-FC-300-01	ICOM			
FC30301	I-A-FC-303-01	ICOM			
FC31502	I-A-FC-315-02	ICOM			
FC36402	I-A-FC-364-02	ICOM			
FC3902	I-A-FC-39-02	ICOM			
FC42001	I-A-FC-420-01	ICOM			
FC59902	I-A-FC-599-02	ICOM			
FCS51101	I-A-FC-S511-01	ICOM			
HP100502	I-A-HP-1005-02	ICOM			
HP102	I-A-HP-1-02	ICOM			
HP102301	I-A-HP-1023-01	ICOM			
HP120101	I-A-HP-1201-01	ICOM			
HP120205	I-A-HP-1202-05	ICOM			
HP120207	I-A-HP-1202-07	ICOM			
HP120211	I-A-HP-1202-11	ICOM			
HP121201	I-A-HP-1212-01	ICOM			
HP121202	I-A-HP-1212-02	ICOM			
HP12201	I-A-HP-122-01	ICOM			
HP123001	I-A-HP-1230-01	ICOM			
HP140401	I-A-HP-1404-01	ICOM			
HP1502	I-A-HP-15-02	ICOM			
HP165001	I-A-HP-1650-01	ICOM			
HP168801	I-A-HP-1688-01	ICOM			
HP177601	I-A-HP-1776-01	ICOM			
HP1801	I-A-HP-18-01	ICOM			
HP2002	I-A-HP-20-02	ICOM			
HP2004	I-A-HP-20-04	ICOM			
HP21101	I-A-HP-211-01	ICOM			
HP2402	I-A-HP-24-02	ICOM			
HP2403	I-A-HP-24-03	ICOM			
HP261701	I-A-HP-2617-01	ICOM			
HP303	I-A-HP-3-03	ICOM			
HP31201	I-A-HP-312-01	ICOM			
HP3401	I-A-HP-34-01	ICOM			
HP35301	I-A-HP-353-01	ICOM			
HP42501	I-A-HP-425-01	ICOM			
HP501	I-A-HP-5-01	ICOM			
HP518601	I-A-HP-5186-01	ICOM			
HP52102	I-A-HP-521-02	ICOM			
HP57501	I-A-HP-575-01	ICOM			
HP5801	I-A-HP-58-01	ICOM			
HP58401	I-A-HP-584-01	ICOM			
HP58501	I-A-HP-585-01	ICOM			
HP59501	I-A-HP-595-01	ICOM			
HP59601	I-A-HP-596-01	ICOM			
HP61101	I-A-HP-611-01	ICOM			
HP61201	I-A-HP-612-01	ICOM			
HP61401	I-A-HP-614-01	ICOM			
HP61701	I-A-HP-617-01	ICOM			
HP61801	I-A-HP-618-01	ICOM			

Marine Corps Base Camp Lejeune [1c]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)	PERCHLOROETHYLENE [127-18-4] (lb/year)	VINYL CHLORIDE [75-01-4] (lb/year)
HP61901	I-A-HP-619-01	ICOM			
HP62101	I-A-HP-621-01	ICOM			
HP92201	I-A-HP-622-01	ICOM			
HP62702	I-A-HP-627-02	ICOM			
HP62801	I-A-HP-628-01	ICOM			
HP62901	I-A-HP-629-01	ICOM			
HP63201	I-A-HP-632-01	ICOM			
HP63501	I-A-HP-635-01	ICOM			
HP64001	I-A-HP-640-01	ICOM			
HP64101	I-A-HP-641-01	ICOM			
HP64302	I-A-HP-643-02	ICOM			
HP64401	I-A-HP-644-01	ICOM			
HP64602	I-A-HP-646-02	ICOM			
HP64702	I-A-HP-647-02	ICOM			
HP64802	I-A-HP-648-02	ICOM			
HP65001	I-A-HP-650-01	ICOM			
HP6501	I-A-HP-65-01	ICOM			
HP65201	I-A-HP-652-01	ICOM			
HP65401	I-A-HP-654-01	ICOM			
HP66101	I-A-HP-661-01	ICOM			
HP66201	I-A-HP-662-01	ICOM			
HP66301	I-A-HP-663-01	ICOM			
HP67102	I-A-HP-671-02	ICOM			
HP67201	I-A-HP-672-01	ICOM			
HP67302	I-A-HP-673-02	ICOM			
HP69901	I-A-HP-699-01	ICOM			
HP70001	I-A-HP-700-01	ICOM			
HP70301	I-A-HP-703-01	ICOM			
HP70401	I-A-HP-704-01	ICOM			
HP70501	I-A-HP-705-01	ICOM			
HP70801	I-A-HP-708-01	ICOM			
HP70901	I-A-HP-709-01	ICOM			
HP71001	I-A-HP-710-01	ICOM			
HP71101	I-A-HP-711-01	ICOM			
HP73802	I-A-HP-738-02	ICOM			
HP74501	I-A-HP-745-01	ICOM			
HP75101	I-A-HP-751-01	ICOM			
HP8501	I-A-HP-85-01	ICOM			
HP85501	I-A-HP-855-01	ICOM			
HP89501	I-A-HP-895-01	ICOM			
HP90207	I-A-HP-902-07	ICOM			
HP98201V	I-A-HP-982-01	ICOM			
HP98501	I-A-HP-985-01	ICOM			
HP98902	I-A-HP-989-02	ICOM			
HPH101	I-A-HP-H1-01	ICOM			
HPH102	I-A-HP-H1-02	ICOM			
HPH103	I-A-HP-H1-03	ICOM			
HPH105	I-A-HP-H1-05	ICOM			
HPH106	I-A-HP-H1-06	ICOM			
HPH2902	I-A-HP-H29-02	ICOM			
HPHP102	I-A-HP-HP1-02	ICOM			
HPPT4101	I-A-HP-PT41-01	ICOM			
HPS14550	I-A-HP-S1455-01	ICOM			
HPS17610	I-A-HP-S1761-01	ICOM			
HPS18810	I-A-HP-S1881-01	ICOM			
HPS4601	I-A-HP-S46-01	ICOM			
HPS55701	I-A-HP-S557-01	ICOM			
HPS55801	I-A-HP-S558-01	ICOM			
HPS70201	I-A-HP-S702-01	ICOM			
HPS76801	I-A-HP-S768-01	ICOM			
LCH40050	I-A-LCH-4005-02	ICOM			
LCH40090	I-A-LCH-4009-02	ICOM			

Marine Corps Base Camp Lejeune [1c]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)	PERCHLOROETHYLENE [127-18-4] (lb/year)	VINYL CHLORIDE [75-01-4] (lb/year)
MP10727	I-A-MP-107-24	ICOM			
MP13101	I-A-MP-131-01	ICOM			
MP16701	I-A-MP-167-01	ICOM			
MP24101	I-A-MP-241-01	ICOM			
MP35003	I-A-MP-350-03	ICOM			
MP45102	I-A-MP-451-02	ICOM			
MP62503	I-A-MP-625-03	ICOM			
M12801	I-A-MP-M128-01	ICOM			
NH12002	I-A-NH-120-02	ICOM			
PP191903	I-A-PP-1919-03	ICOM			
PP201	I-A-PP-2-01	ICOM			
PP210002	I-A-PP-2100-02	ICOM			
PPS19480	I-A-PP-S1948-02	ICOM			
PPS26330	I-A-PP-S2633-01	ICOM			
PPS47A02	I-A-PP-S47A-02	ICOM			
T2801	I-A-T28-01	ICOM			
T2802	I-A-T28-02	ICOM			
TT3901	I-A-TT-39-01	ICOM			
TT4201	I-A-TT-42-01	ICOM			
TT4301	I-A-TT-43-01	ICOM			
TT6001	I-A-TT-60-01	ICOM			
TT8401	I-A-TT-84-01	ICOM			
TT9901	I-A-TT-99-01	ICOM			
TTS3801	I-A-TT-S38-01	ICOM			
TTS4701	I-A-TT-S47-01	ICOM			
TTS4801	I-A-TT-S48-01	ICOM			
TTSE2301	I-A-TT-SE23-01	ICOM			
WC10001	I-A-WC-100-01	ICOM			
WC14401	I-A-WC-144-01	ICOM			
WC9901	I-A-WC-99-01	ICOM			
FC28012	A-FC-280-12	ICOM -T			
FC28023	A-FC-280-23	ICOM -T			
FC36502	A-FC-365-02	ICOM -T			
HP140902	A-HP-1409-02	ICOM -T			
HP185411	A-HP-1854-11	ICOM -T			
HP188006	A-HP-1880-06	ICOM -T			
MP10711	A-MP-107-11	ICOM -T			
MP10712	A-MP-107-12	ICOM -T			
FC28501	I-A-FC-285-01	ICOM -T			
HP57510	I-A-HP-575-10	ICOM -T			
MP10708	I-A-MP-107-08	ICOM -T			
MP10709	I-A-MP-107-09	ICOM -T			
MP10710	I-A-MP-107-10	ICOM -T			
FC1801	A-FC-FC18-01	LAND		8,117.23	9,829.47
HP98201	A-HP-982-01	LAND		62,999.76	76,288.82
BM82005	A-BM-820-05	RDL			
HP106801	A-HP-1068-01	RDL			
HP111101	A-HP-1111-01	RDL			
HP4505	A-HP-45-05	RDL			
HP64503	A-HP-645-03	RDL			
HP90001	A-HP-900-01	RDL			
LCH4015	A-LCH-4015-04	RDL			
TT246373	A-TT-2463-73	RDL			
FC28010	A-FC-280-10	SURF	8.36E-04	2,826,607.62	
FC28612	A-FC-286-12 (I-A-FC-286-24)	SURF	4.18	28,266,076.21	
FC28613	A-FC-286-13	SURF	4.18	28,266,076.21	
FC28620	A-FC-286-20	SURF	0.84	2,826,607.62	
HP104101	A-HP-1041-01	SURF	0.14	2,826,607.62	
HP120278	A-HP-1202-78	SURF	0.84	2,826,607.62	
HP124903	A-HP-1249-03	SURF	0.84	2,826,607.62	
HP90801	A-HP-908-01	SURF	0.84	2,826,607.62	
HP101601	I-A-HP-1016-01	SURF	0.16	2,826,607.62	

Marine Corps Base Camp Lejeune [1c]
Jacksonville, North Carolina
Onslow County

Zone A: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)	PERCHLOROETHYLENE [127-18-4] (lb/year)	VINYL CHLORIDE [75-01-4] (lb/year)
HP25701	I-A-HP-257-01	SURF		5,653,215.24	
HP4001	I-A-HP-40-01	SURF	0.84	2,826,607.62	
S112401	I-A-HP-S1124-01	SURF	0.14	2,826,607.62	
SFC553A	I-A-SFC-553A-01	SURF	1.25	2,826,607.62	
FC10007	I-A-FC-100-07	WELD	1.28		
FC14302	I-A-FC-143-02	WELD	1.28		
FC20004	I-A-FC-200-05	WELD	1.28		
FC28610	I-A-FC-286-10	WELD	1.28		
FC28614	I-A-FC-286-14	WELD	1.28		
FC28615	I-A-FC-286-15	WELD	1.28		
FC28623	I-A-FC-286-23	WELD	1.28		
FC44101	I-A-FC-441-01	WELD	1.28		
HP120206	I-A-HP-1202-06	WELD	1.28		
HP120210	I-A-HP-1202-10	WELD	1.28		
HP124905	I-A-HP-1249-05	WELD	1.28		
HP141003	I-A-HP-1410-03	WELD	1.28		
HP150210	I-A-HP-1502-10	WELD	1.28		
HP170014	I-A-HP-1700-14	WELD	1.28		
HP176502	I-A-HP-1765-02	WELD	1.28		
HP185410	I-A-HP-1854-10	WELD	1.28		
HP188005	I-A-HP-1880-05	WELD	1.28		
HP57511	I-A-HP-575-11	WELD	1.28		
HP73803	I-A-HP-738-03	WELD	1.28		
NH10013	I-A-NH-100-13	WELD	1.28		
FC44001	I-A-FC-440-01	WWT			

Section [2] – Requested Permit Rates for Zone B

Marine Corps Base Camp Lejeune [2a]
Jacksonville, North Carolina
Onslow County

Zone B: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	FORMALDEHYDE [50-00-0] (lb/hr)
BBB953	B-BB-9-53B	ECOM	0.86
BBB954	B-BB-9-54	ECOM	0.83
BBB955	B-BB-9-55	ECOM	0.61
A6648	I-B-A66-48	ECOM	0.02
A66H3	I-B-A66-H3	ECOM	0.05
A7149	I-B-A71-49	ECOM	0.03
A71H5	I-B-A71-H5	ECOM	0.01
BAA150	I-B-A-A1-50	ECOM	0.13
BAA4751	I-B-A-A47-51	ECOM	0.09
BBB4952	I-B-BB-49-52	ECOM	0.04
BB904	B-BB-9-04	ICOM	0.05
A7102	I-B-A71-02	ICOM	0.15
BA13801	I-B-BA-138-01	ICOM	0.23
BA14501	I-B-BA-145-01	ICOM	0.09
BA16401	I-B-BA-164-01	ICOM	0.04
BA16701	I-B-BA-167-01	ICOM	0.31
BA1901	I-B-BA-190-01	ICOM	0.04
BA12601	I-B-BA-SBA-126-01	ICOM	0.04
BA12901	I-B-BA-SBA-129-01	ICOM	0.09
BA16801	I-B-BA-SBA-168-01	ICOM	0.02
BA19701	I-B-BA-SBA-197-01	ICOM	0.02
BB11801	I-B-BB-118-01	ICOM	0.31
BB12501	I-B-BB-125-01	ICOM	0.05
BB19001	I-B-BB-190-01	ICOM	0.46
BB21801	I-B-BB-218-01	ICOM	0.06
BB22102	I-B-BB-221-02	ICOM	0.06
BB28001	I-B-BB-280-01	ICOM	0.05
BB28101	I-B-BB-281-01	ICOM	0.05
BB4701	I-B-BB-47-01	ICOM	0.04
BB6901	I-B-BB-69-01	ICOM	0.19
BB701	I-B-BB-7-01	ICOM	0.05
BB22501	I-B-BB-SBB225-01	ICOM	0.03
SA8801	I-B-SA88-01	ICOM	0.09
BB18001	I-B-SBB-180-01	ICOM	0.36
AA4705	B-A-A47-05	ICOM -T	0.61
AA6901	B-A-A69-01	ICOM -T	0.10

Marine Corps Base Camp Lejeune [2b]

Jacksonville, North Carolina

Onslow County

Zone B: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	NICKEL METAL [7440-02-0] (lb/day)	XYLENE [1330-20-7] (lb/day)
BA13401A	I-BA-134-01A	AST/UST					2.27
BB10201A	I-BB-102-01A	AST/UST					1.91
BB17701	I-BB-177-01U	AST/UST					2.69
BB17702	I-BB-177-02U	AST/UST					2.69
BB17703	I-BB-177-03U	AST/UST					2.69
BB24601	I-BB-246-01A	AST/UST					4.17
IBMM01	I-B-MM-01U	AST/UST					6.71
IBMM02	I-B-MM-02U	AST/UST					6.71
IBMM03	I-B-MM-03U	AST/UST					4.03
BBB953	B-BB-9-53B	ECOM	28.90	12.33	0.03	0.04	
BBB954	B-BB-9-54	ECOM	27.90	11.90	0.03	0.04	
BBB955	B-BB-9-55	ECOM	20.45	8.73	0.02	0.03	
A6648	I-B-A66-48	ECOM	0.79	0.31	7.70E-04	1.01E-03	
A66H3	I-B-A66-H3	ECOM	1.94	0.76	1.90E-03	2.49E-03	
A7149	I-B-A71-49	ECOM	1.09	0.43	1.07E-03	1.40E-03	
A71H5	I-B-A71-H5	ECOM	0.33	0.13	3.20E-04	4.20E-04	
BAA150	I-B-A-A1-50	ECOM	4.67	1.83	4.56E-03	0.01	
BAA4751	I-B-A-A47-51	ECOM	3.25	1.27	3.17E-03	4.17E-03	
BBB4952	I-B-BB-49-52	ECOM	1.41	0.55	1.37E-03	1.80E-03	
BA13401D	I-BA-134-01A	FDSP					3.42
BB10201D	I-BB-102-01A	FDSP					1.71
BB17701D	I-BB-177-01U	FDSP					13.68
BB17702D	I-BB-177-02U	FDSP					13.68
BB17703D	I-BB-177-03U	FDSP					13.68
BB24601D	I-BB-246-01A	FDSP					5.13
IBMM01U	I-B-MM-01U	FDSP					32.82
IBMM02U	I-B-MM-02U	FDSP					32.82
IBMM03U	I-B-MM-03U	FDSP					32.82
BB904	B-BB-9-04	ICOM					0.71
A7102	I-B-A71-02	ICOM					0.21
BA13801	I-B-BA-138-01	ICOM					0.31
BA14501	I-B-BA-145-01	ICOM					0.13
BA16401	I-B-BA-164-01	ICOM					0.05
BA16701	I-B-BA-167-01	ICOM					0.42
BA1901	I-B-BA-190-01	ICOM					0.05
BA12601	I-B-BA-SBA-126-01	ICOM					0.05
BA12901	I-B-BA-SBA-129-01	ICOM					0.13
BA16801	I-B-BA-SBA-168-01	ICOM					0.02
BA19701	I-B-BA-SBA-197-01	ICOM					0.02
BB11801	I-B-BB-118-01	ICOM					0.42
BB12501	I-B-BB-125-01	ICOM					0.71
BB19001	I-B-BB-190-01	ICOM					0.63
BB21801	I-B-BB-218-01	ICOM					0.08
BB22102	I-B-BB-221-02	ICOM					0.08
BB28001	I-B-BB-280-01	ICOM					0.07
BB28101	I-B-BB-281-01	ICOM					0.07
BB4701	I-B-BB-47-01	ICOM					0.05
BB6901	I-B-BB-69-01	ICOM					0.26
BB701	I-B-BB-7-01	ICOM					0.71
BB22501	I-B-BB-SBB225-01	ICOM					0.04
SA8801	I-B-SA88-01	ICOM					0.13
BB18001	I-B-SBB-180-01	ICOM					0.48
AA4705	B-A-A47-05	ICOM -T					0.55
AA6901	B-A-A69-01	ICOM -T					0.09

Marine Corps Base Camp Lejeune [2b]
Jacksonville, North Carolina
Onslow County

Zone B: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	CHLORINE [7782-50-5] (lb/day)	FLUORIDES [16984-48-8] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	NICKEL METAL [7440-02-0] (lb/day)	XYLENE [1330-20-7] (lb/day)
BB19005	B-BB-190-05	RDL					1,686.37
AA4706	I-B-A-A47-06	WELD			8.59	1.66	
AA6601	I-B-A-A66-01	WELD			8.59	1.66	
BB32902	I-B-BB-329-02	WELD			8.59	1.66	
BB5104	I-B-BB-51-04	WELD			8.59	1.66	

Marine Corps Base Camp Lejeune [2c]

Jacksonville, North Carolina

Onslow County

Zone B: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	CADMIUM [7440-43-9] (lb/year)	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)
BA13401A	I-BA-134-01A	AST/UST		8.38			
BB10201A	I-BB-102-01A	AST/UST		7.86			
BB17701	I-BB-177-01U	AST/UST		38.99			
BB17702	I-BB-177-02U	AST/UST		38.99			
BB17703	I-BB-177-03U	AST/UST		38.99			
BB24601	I-BB-246-01A	AST/UST		16.30			
IBMM01	I-B-MM-01U	AST/UST		177.55			
IBMM02	I-B-MM-02U	AST/UST		177.55			
IBMM03	I-B-MM-03U	AST/UST		99.22			
BBB953	B-BB-9-53B	ECOM	0.48	0.18	8.48	11.37	
BBB954	B-BB-9-54	ECOM	0.37	0.14	6.55	8.78	
BBB955	B-BB-9-55	ECOM	0.34	0.12	6.00	8.05	
A6648	I-B-A66-48	ECOM	0.02	0.01	0.42	0.57	
A66H3	I-B-A66-H3	ECOM	0.06	0.02	1.04	1.40	
A7149	I-B-A71-49	ECOM	0.03	0.01	0.59	0.79	
A71H5	I-B-A71-H5	ECOM	0.01	3.65E-03	0.18	0.24	
BAA150	I-B-A-A1-50	ECOM	0.14	0.05	2.51	3.37	
BAA4751	I-B-A-A47-51	ECOM	0.10	0.04	1.75	2.34	
BBB4952	I-B-BB-49-52	ECOM	0.04	0.02	0.76	1.01	
BA13401D	I-BA-134-01A	FDSP		0.46			
BB10201D	I-BB-102-01A	FDSP		0.23			
BB17701D	I-BB-177-01U	FDSP		17.95			
BB17702D	I-BB-177-02U	FDSP		17.95			
BB17703D	I-BB-177-03U	FDSP		17.95			
BB24601D	I-BB-246-01A	FDSP		0.69			
IBMM01U	I-B-MM-01U	FDSP		75.95			
IBMM02U	I-B-MM-02U	FDSP		75.95			
IBMM03U	I-B-MM-03U	FDSP		45.57			
BB904	B-BB-9-04	ICOM		1.83			
A7102	I-B-A71-02	ICOM		0.44			
BA13801	I-B-BA-138-01	ICOM		0.66			
BA14501	I-B-BA-145-01	ICOM		0.26			
BA16401	I-B-BA-164-01	ICOM		0.11			
BA16701	I-B-BA-167-01	ICOM		0.88			
BA1901	I-B-BA-190-01	ICOM		0.11			
BA12601	I-B-BA-SBA-126-01	ICOM		0.11			
BA12901	I-B-BA-SBA-129-01	ICOM		0.26			
BA16801	I-B-BA-SBA-168-01	ICOM		0.05			
BA19701	I-B-BA-SBA-197-01	ICOM		0.04			
BB11801	I-B-BB-118-01	ICOM		0.88			
BB12501	I-B-BB-125-01	ICOM		1.83			
BB19001	I-B-BB-190-01	ICOM		1.32			
BB21801	I-B-BB-218-01	ICOM		0.18			
BB22102	I-B-BB-221-02	ICOM		0.18			
BB28001	I-B-BB-280-01	ICOM		0.15			
BB28101	I-B-BB-281-01	ICOM		0.15			
BB4701	I-B-BB-47-01	ICOM		0.11			
BB6901	I-B-BB-69-01	ICOM		0.55			
BB701	I-B-BB-7-01	ICOM		1.83			
BB22501	I-B-BB-SBB225-01	ICOM		0.09			
SA8801	I-B-SA88-01	ICOM		0.26			
BB18001	I-B-SBB-180-01	ICOM		1.01			
AA4705	B-A-A47-05	ICOM -T		13.76			

Marine Corps Base Camp Lejeune [2c]
Jacksonville, North Carolina
Onslow County

Zone B: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	CADMIUM [7440-43-9] (lb/year)	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)
AA6901	B-A-A69-01	ICOM -T		2.36			
BB19005	B-BB-190-05	RDL		60.18			
AA4706	I-B-A-A47-06	WELD					0.13
AA6601	I-B-A-A66-01	WELD					0.07
BB32902	I-B-BB-329-02	WELD					0.07
BB5104	I-B-BB-51-04	WELD					0.07

Section [3] – Requested Permit Rates for Zone C

Marine Corps Base Camp Lejeune [3a]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	ACRYLONITRILE [107-13-1] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CRESOL, O- [95-48-7] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)
AS14301	I-AS-143-01A	AST/UST						
AS280001	I-AS-2800-01A	AST/UST						
AS2820	I-AS-2820-01A	AST/UST						
AS41001U	I-AS-410-01U	AST/UST						
AS41002U	I-AS-410-02U	AST/UST						
AS41003	I-AS-410-03U	AST/UST						
AS4135	I-AS-4135-02A	AST/UST						
TC36504A	I-CG-TC365-04A	AST/UST						
RR1504	I-RR-15-04A	AST/UST						
RR02A	I-RR-Gasoline-02A	AST/UST						
TC36505	I-TC-365-05A	AST/UST						
AS390005	I-C-AS-3900-05	DEGR						95.34
AS410602	I-C-AS-4106-02	DEGR						95.34
AS51802	I-C-AS-518-02	DEGR						95.34
AS415116	C-AS-4151-16	ECOM						
AS415117	C-AS-4151-17A	ECOM						
AS415118	C-AS-4151-18	ECOM						
CG65083	C-CG-650-83B	ECOM						
CG65084	C-CG-650-84B	ECOM						
CG65085	C-CG-650-85	ECOM						
RR1546	C-RR-15-46B	ECOM						
RR1547	C-RR-15-47B	ECOM						
AS406001	I-AS-4060-01	ECOM						
AS406002	I-AS-4060-02	ECOM						
AS51601	I-AS-516-01	ECOM						
AS10002	I-C-AS-100-02	ECOM						
AS100020	I-C-AS-1000-20	ECOM						
AS100021	I-C-AS-1000-H21	ECOM						
AS23601	I-C-AS-236-01	ECOM						
AS280012	I-C-AS-2800-12	ECOM						
AS350208	I-C-AS-3502-08	ECOM						
AS350409	I-C-AS-3504-09	ECOM						
AS352515	I-C-AS-3525-15	ECOM						
AS400001	I-C-AS-4000-01	ECOM						
AS4000H1	I-C-AS-4000-H1	ECOM						
AS401302	I-C-AS-4013-02	ECOM						
AS403501	I-C-AS-4035-01	ECOM						
AS4035H1	I-C-AS-4035-H1	ECOM						
AS407801	I-C-AS-4078-01	ECOM						
AS408101	I-C-AS-4081-01	ECOM						
AS420101	I-C-AS-4201-01	ECOM						
AS70511	I-C-AS-705-11	ECOM						
AS71003	I-C-AS-710-03	ECOM						
AS84013	I-C-AS-840-13	ECOM						
AS84314	I-C-AS-843-14	ECOM						
CG48089	I-C-CG-480-89	ECOM						
RR12001	I-C-RR-120-01	ECOM						
RR1350	I-C-RR-135-02	ECOM						
RR13502	I-C-RR-135-03	ECOM						
RR15501	I-C-RR-155-01	ECOM						
RR40501	I-C-RR-405-01	ECOM						
RR40502	I-C-RR-405-02	ECOM						
RR40503	I-C-RR-405-03	ECOM						
RR40504	I-C-RR-405-04	ECOM						

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	ACRYLONITRILE [107-13-1] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CRESOL, O- [95-48-7] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)
AS4201H1	I-C-RR-4201-H1	ECOM						
RR44001	I-C-RR-440-01	ECOM						
RR45001	I-C-RR-450-01	ECOM						
RR45002	I-C-RR-450-02	ECOM						
RR45003	I-C-RR-450-03	ECOM						
TC150060	I-C-TC-1500-60	ECOM						
AS14301D	I-AS-143-01A	FDSP						
AS2800D	I-AS-2800-01A	FDSP						
AS2820D	I-AS-2820-01A	FDSP						
AS41001D	I-AS-410-01U	FDSP						
AS41002D	I-AS-410-02U	FDSP						
AS41003D	I-AS-410-03U	FDSP						
AS4135D	I-AS-4135-02A	FDSP						
TC365AD	I-CG-TC365-04A	FDSP						
RR1504D	I-RR-15-04A	FDSP						
RR02AD	I-RR-Gasoline-02A	FDSP						
TC36505D	I-TC-365-05A	FDSP						
AS390004	I-C-AS-3900-04	FIBR	100.41		29.40	2.94	64.69	1,352.99
AS504	I-C-AS-504-05	FIBR	100.41		29.40	2.94	64.69	1,352.99
AS362505	C-AS-3625-05	FIRE						
AS11006	C-AS-110-06	ICOM		0.01				
SD401301	C-AS-4013-01	ICOM		1.28E-03				
RR13401	C-RR-134-01	ICOM		6.38E-04				
RR301	C-RR-3-01	ICOM		7.66E-04				
RR40005	C-RR-400-05	ICOM		1.60E-03				
RR405	C-RR-405-01	ICOM		2.04E-03				
RR42501	C-RR-425-01	ICOM		1.60E-03				
RR43005	C-RR-430-05	ICOM		7.66E-04				
RR440	C-RR-440-01	ICOM		3.00E-03				
RR47001	C-SRR-470-01	ICOM		2.25E-03				
AS100001	I-C-AS-1000-01	ICOM		7.49E-04				
AS10001	I-C-AS-100-01	ICOM		1.87E-03				
AS100602	I-C-AS-1006-02	ICOM		4.50E-04				
AS11002	I-C-AS-110-02	ICOM		0.01				
AS11005	I-C-AS-110-05	ICOM		4.50E-03				
AS12202	I-C-AS-122-02	ICOM		1.50E-03				
AS14302	I-C-AS-143-02	ICOM		3.75E-04				
AS14401	I-C-AS-144-01	ICOM		1.50E-03				
AS18001	I-C-AS-180-01	ICOM		2.25E-03				
AS1871	I-C-AS-187-01	ICOM		8.99E-04				
AS200802	I-C-AS-2008-02	ICOM		4.50E-04				
AS21102	I-C-AS-211-02	ICOM		1.50E-03				
AS21201	I-C-AS-212-01	ICOM		1.50E-03				
AS22401	I-C-AS-224-01	ICOM		2.02E-03				
AS23802	I-C-AS-238-02	ICOM		4.50E-04				
AS23902	I-C-AS-239-02	ICOM		4.50E-04				
AS300002	I-C-AS-3000-02	ICOM		8.99E-04				
AS30201	I-C-AS-302-01	ICOM		1.50E-03				
AS345001	I-C-AS-3450-01	ICOM		8.99E-04				
AS350304	I-C-AS-3503-04	ICOM		4.95E-04				
AS360101	I-C-AS-3601-01	ICOM		8.99E-04				
AS362603	I-C-AS-3625-03A	ICOM		1.50E-03				
AS401201	I-C-AS-4012-01	ICOM		0.01				
AS404101	I-C-AS-4041-01	ICOM		2.25E-04				

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	ACRYLONITRILE [107-13-1] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CRESOL, O- [95-48-7] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)
AS405501	I-C-AS-4055-01	ICOM		3.00E-03				
AS408501	I-C-AS-4085-01	ICOM		3.75E-03				
AS411401	I-C-AS-4114-01	ICOM		7.49E-04				
AS414302	I-C-AS-4143-02	ICOM		1.50E-03				
AS414501	I-C-AS-4145-01	ICOM		1.50E-04				
AS414701	I-C-AS-4147-01	ICOM		1.50E-04				
AS415105	I-C-AS-4151-05	ICOM		0.01				
AS419201	I-C-AS-4192-01	ICOM		1.21E-03				
AS420201	I-C-AS-4202-01	ICOM		2.25E-04				
AS42601	I-C-AS-426-01	ICOM		3.00E-04				
AS42801	I-C-AS-428-01	ICOM		3.45E-03				
AS42802	I-C-AS-428-02	ICOM		7.49E-04				
AS42803	I-C-AS-428-03	ICOM		7.49E-04				
AS42902	I-C-AS-429-02	ICOM		1.87E-03				
AS430301	I-C-AS-4303-01	ICOM		8.99E-04				
AS50201	I-C-AS-502-01	ICOM		8.99E-04				
AS50402	I-C-AS-504-02	ICOM		2.25E-03				
AS51809	I-C-AS-518-09	ICOM		7.49E-04				
AS60501	I-C-AS-605-01	ICOM		2.25E-04				
AS60702	I-C-AS-607-02	ICOM		8.99E-04				
AS63001	I-C-AS-630-01	ICOM		2.25E-03				
AS71101	I-C-AS-711-01	ICOM		2.25E-04				
AS80402	I-C-AS-804-02	ICOM		8.24E-04				
AS83901	I-C-AS-839-01	ICOM		1.50E-03				
AS84001	I-C-AS-841-01	ICOM		7.49E-04				
AS8501	I-C-AS-85-01	ICOM		6.38E-04				
AS85801	I-C-AS-858-01	ICOM		6.00E-04				
AS86702	I-C-AS-867-02	ICOM		4.50E-04				
AS90302	I-C-AS-903-02	ICOM		8.99E-04				
AS9601	I-C-AS-96-01	ICOM		0.01				
AS346001	I-C-AS-SAS3460-01	ICOM		3.52E-04				
SAS3526	I-C-AS-SAS3526-01	ICOM		4.50E-04				
SAS85001	I-C-AS-SAS850-01	ICOM		4.50E-04				
SAS88201	I-C-AS-SAS882-01	ICOM		3.52E-04				
AS88901	I-C-AS-SAS889-01	ICOM		8.99E-04				
CG64001	I-C-CG-640-01	ICOM		0.01				
CG65003	I-C-CG-650-03	ICOM		3.00E-03				
CG70101	I-C-CG-701-01	ICOM		8.99E-04				
CG75501	I-C-CG-755-01	ICOM		2.02E-03				
CG77001	I-C-CG-770-01	ICOM		3.00E-04				
DD4301	I-C-DD-43-01	ICOM		8.99E-04				
RR11001	I-C-RR-110-01	ICOM		1.20E-03				
RR1104	I-C-RR-11-04	ICOM		1.50E-03				
RR120A01	I-C-RR-120A-01	ICOM		2.25E-03				
RR13501	I-C-RR-135-01	ICOM		6.38E-04				
RR150001	I-C-RR-150-01	ICOM		3.45E-03				
RR1506	I-C-RR-15-06	ICOM		1.87E-03				
RR21401	I-C-RR-214-01	ICOM		6.00E-04				
TC150001	I-C-TC-1500-01	ICOM		1.50E-03				
TC50103	I-C-TC-501-03	ICOM		7.49E-04				
TC57501	I-C-TC-575-01	ICOM		3.45E-03				
VL10101	I-C-VL-101-01	ICOM		9.74E-04				
VL10202	I-C-VL-102-02	ICOM		9.74E-04				
VL10304	I-C-VL-103-04	ICOM		9.74E-04				

Marine Corps Base Camp Lejeune [3a]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	ACROLEIN [107-02-8] (lb/hr)	ACRYLONITRILE [107-13-1] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	CRESOL, O- [95-48-7] (lb/hr)	ETHYL ACETATE [141-78-6] (lb/hr)
VL10402	I-C-VL-104-02	ICOM		1.20E-03				
VL10501	I-C-VL-105-01	ICOM		1.20E-03				
VL16001	I-C-VL-160-01	ICOM		1.20E-03				
FM10202	I-C-VL-STFM102-02	ICOM		4.95E-04				
AS53101	C-AS-531-01	JET		1.91				
AS13901	C-AS-139-01	RDL						
AS414101	C-AS-4141-01	RDL						
AS415804	C-AS-4158-04	RDL						
AS49701	C-AS-497-01	RDL						
CGG48001	C-CG-G480-01	RDL						
AS11601	C-AS-116-01	SURF	4.36			25.48		1,304.26
AS390001	C-AS-3900-01	SURF	4.36			25.48		1,304.26
AS390002	C-AS-3900-02	SURF	4.36			25.48		1,304.26
AS410601	C-AS-4106-01	SURF	4.36			25.48		1,304.26
AS413501	C-AS-4135-01	SURF	4.36			25.48		1,304.26
AS414605	C-AS-4146-05	SURF	4.36			25.48		1,304.26
AS51812	C-AS-518-12	SURF	4.36			25.48		1,304.26
AS25501	I-C-AS-255-01	SURF	4.36			25.48		1,304.26
AS50404	I-C-AS-504-04	SURF	4.36			25.48		1,304.26

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ETHYLENEDIAMINE [107-15-3] (lb/hr)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/hr)	FLUORIDES [16984-48-8] (lb/hr)	FORMALDEHYDE [50-00-0] (lb/hr)	HYDROGEN FLUORIDE [7664-39-3] (lb/hr)	METHYLENE CHLORIDE [75-09-2] (lb/hr)
AS14301	I-AS-143-01A	AST/UST						
AS280001	I-AS-2800-01A	AST/UST						
AS2820	I-AS-2820-01A	AST/UST						
AS41001U	I-AS-410-01U	AST/UST						
AS41002U	I-AS-410-02U	AST/UST						
AS41003	I-AS-410-03U	AST/UST						
AS4135	I-AS-4135-02A	AST/UST						
TC36504A	I-CG-TC365-04A	AST/UST						
RR1504	I-RR-15-04A	AST/UST						
RR02A	I-RR-Gasoline-02A	AST/UST						
TC36505	I-TC-365-05A	AST/UST						
AS390005	I-C-AS-3900-05	DEGR						0.20
AS410602	I-C-AS-4106-02	DEGR						0.20
AS51802	I-C-AS-518-02	DEGR						0.20
AS415116	C-AS-4151-16	ECOM			7.53	0.02	0.02	
AS415117	C-AS-4151-17A	ECOM			7.53	0.02	0.02	
AS415118	C-AS-4151-18	ECOM			7.53	0.02	0.02	
CG65083	C-CG-650-83B	ECOM			7.84	0.02	0.02	
CG65084	C-CG-650-84B	ECOM			7.84	0.02	0.02	
CG65085	C-CG-650-85	ECOM			4.95	0.01	0.01	
RR1546	C-RR-15-46B	ECOM			1.65	3.59E-03	4.92E-03	
RR1547	C-RR-15-47B	ECOM			1.65	3.59E-03	4.92E-03	
AS406001	I-AS-4060-01	ECOM				2.27E-04		
AS406002	I-AS-4060-02	ECOM				2.27E-04		
AS51601	I-AS-516-01	ECOM				4.11E-05		
AS10002	I-C-AS-100-02	ECOM				1.92E-04		
AS100020	I-C-AS-1000-20	ECOM			0.08	1.78E-04	2.44E-04	
AS100021	I-C-AS-1000-H21	ECOM			0.06	1.37E-04	1.88E-04	
AS23601	I-C-AS-236-01	ECOM				1.18E-04		
AS280012	I-C-AS-2800-12	ECOM			0.07	1.54E-04	2.11E-04	
AS350208	I-C-AS-3502-08	ECOM			0.09	2.00E-04	2.75E-04	
AS350409	I-C-AS-3504-09	ECOM			0.06	1.34E-04	1.84E-04	
AS352515	I-C-AS-3525-15	ECOM			0.08	1.80E-04	2.47E-04	
AS400001	I-C-AS-4000-01	ECOM				2.18E-04		
AS4000H1	I-C-AS-4000-H1	ECOM				7.64E-05		
AS401302	I-C-AS-4013-02	ECOM				4.21E-05		
AS403501	I-C-AS-4035-01	ECOM				1.92E-04		
AS4035H1	I-C-AS-4035-H1	ECOM				1.18E-04		
AS407801	I-C-AS-4078-01	ECOM				4.11E-05		
AS408101	I-C-AS-4081-01	ECOM				4.11E-05		
AS420101	I-C-AS-4201-01	ECOM				1.90E-04		
AS70511	I-C-AS-705-11	ECOM			1.31	2.86E-03	3.92E-03	
AS71003	I-C-AS-710-03	ECOM			0.32	7.01E-04	9.61E-04	
AS84013	I-C-AS-840-13	ECOM			0.24	5.15E-04	7.06E-04	
AS84314	I-C-AS-843-14	ECOM			0.04	8.30E-05	1.14E-04	
CG48089	I-C-CG-480-89	ECOM			0.07	1.54E-04	2.11E-04	
RR12001	I-C-RR-120-01	ECOM				4.11E-05		
RR1350	I-C-RR-135-02	ECOM				4.11E-05		
RR13502	I-C-RR-135-03	ECOM				4.11E-05		
RR15501	I-C-RR-155-01	ECOM				4.11E-05		
RR40501	I-C-RR-405-01	ECOM				4.11E-05		
RR40502	I-C-RR-405-02	ECOM				4.11E-05		
RR40503	I-C-RR-405-03	ECOM				4.11E-05		
RR40504	I-C-RR-405-04	ECOM				4.11E-05		

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ETHYLENEDIAMINE [107-15-3] (lb/hr)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/hr)	FLUORIDES [16984-48-8] (lb/hr)	FORMALDEHYDE [50-00-0] (lb/hr)	HYDROGEN FLUORIDE [7664-39-3] (lb/hr)	METHYLENE CHLORIDE [75-09-2] (lb/hr)
AS4201H1	I-C-RR-4201-H1	ECOM				1.04E-04		
RR44001	I-C-RR-440-01	ECOM				4.11E-05		
RR45001	I-C-RR-450-01	ECOM				1.58E-04		
RR45002	I-C-RR-450-02	ECOM				1.58E-04		
RR45003	I-C-RR-450-03	ECOM				1.77E-04		
TC150060	I-C-TC-1500-60	ECOM			0.36	7.86E-04	1.08E-03	
AS14301D	I-AS-143-01A	FDSP						
AS2800D	I-AS-2800-01A	FDSP						
AS2820D	I-AS-2820-01A	FDSP						
AS41001D	I-AS-410-01U	FDSP						
AS41002D	I-AS-410-02U	FDSP						
AS41003D	I-AS-410-03U	FDSP						
AS4135D	I-AS-4135-02A	FDSP						
TC365AD	I-CG-TC365-04A	FDSP						
RR1504D	I-RR-15-04A	FDSP						
RR02AD	I-RR-Gasoline-02A	FDSP						
TC36505D	I-TC-365-05A	FDSP						
AS390004	I-C-AS-3900-04	FIBR	26.84	55.86		4.30	0.49	21.27
AS504	I-C-AS-504-05	FIBR	26.84	55.86		4.30	0.49	21.27
AS362505	C-AS-3625-05	FIRE				0.13		
AS11006	C-AS-110-06	ICOM				0.01		
SD401301	C-AS-4013-01	ICOM				1.07E-03		
RR13401	C-RR-134-01	ICOM				5.33E-04		
RR301	C-RR-3-01	ICOM				6.39E-04		
RR40005	C-RR-400-05	ICOM				1.33E-03		
RR405	C-RR-405-01	ICOM				1.71E-03		
RR42501	C-RR-425-01	ICOM				1.33E-03		
RR43005	C-RR-430-05	ICOM				6.39E-04		
RR440	C-RR-440-01	ICOM				3.19E-03		
RR47001	C-SRR-470-01	ICOM				2.39E-03		
AS100001	I-C-AS-1000-01	ICOM				7.97E-04		
AS10001	I-C-AS-100-01	ICOM				1.99E-03		
AS100602	I-C-AS-1006-02	ICOM				4.78E-04		
AS11002	I-C-AS-110-02	ICOM				0.01		
AS11005	I-C-AS-110-05	ICOM				4.78E-03		
AS12202	I-C-AS-122-02	ICOM				1.59E-03		
AS14302	I-C-AS-143-02	ICOM				3.98E-04		
AS14401	I-C-AS-144-01	ICOM				1.59E-03		
AS18001	I-C-AS-180-01	ICOM				2.39E-03		
AS1871	I-C-AS-187-01	ICOM				9.56E-04		
AS200802	I-C-AS-2008-02	ICOM				4.78E-04		
AS21102	I-C-AS-211-02	ICOM				1.59E-03		
AS21201	I-C-AS-212-01	ICOM				1.59E-03		
AS22401	I-C-AS-224-01	ICOM				2.15E-03		
AS23802	I-C-AS-238-02	ICOM				4.78E-04		
AS23902	I-C-AS-239-02	ICOM				4.78E-04		
AS300002	I-C-AS-3000-02	ICOM				9.56E-04		
AS30201	I-C-AS-302-01	ICOM				1.59E-03		
AS345001	I-C-AS-3450-01	ICOM				9.56E-04		
AS350304	I-C-AS-3503-04	ICOM				5.26E-04		
AS360101	I-C-AS-3601-01	ICOM				9.56E-04		
AS362603	I-C-AS-3625-03A	ICOM				1.59E-03		
AS401201	I-C-AS-4012-01	ICOM				0.01		
AS404101	I-C-AS-4041-01	ICOM				2.39E-04		

Marine Corps Base Camp Lejeune [3a]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ETHYLENEDIAMINE [107-15-3] (lb/hr)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/hr)	FLUORIDES [16984-48-8] (lb/hr)	FORMALDEHYDE [50-00-0] (lb/hr)	HYDROGEN FLUORIDE [7664-39-3] (lb/hr)	METHYLENE CHLORIDE [75-09-2] (lb/hr)
AS405501	I-C-AS-4055-01	ICOM				3.19E-03		
AS408501	I-C-AS-4085-01	ICOM				3.98E-03		
AS411401	I-C-AS-4114-01	ICOM				7.97E-04		
AS414302	I-C-AS-4143-02	ICOM				1.59E-03		
AS414501	I-C-AS-4145-01	ICOM				1.59E-04		
AS414701	I-C-AS-4147-01	ICOM				1.59E-04		
AS415105	I-C-AS-4151-05	ICOM				0.01		
AS419201	I-C-AS-4192-01	ICOM				1.29E-03		
AS420201	I-C-AS-4202-01	ICOM				2.39E-04		
AS42601	I-C-AS-426-01	ICOM				3.19E-04		
AS42801	I-C-AS-428-01	ICOM				3.67E-03		
AS42802	I-C-AS-428-02	ICOM				7.97E-04		
AS42803	I-C-AS-428-03	ICOM				7.97E-04		
AS42902	I-C-AS-429-02	ICOM				1.99E-03		
AS430301	I-C-AS-4303-01	ICOM				9.56E-04		
AS50201	I-C-AS-502-01	ICOM				9.56E-04		
AS50402	I-C-AS-504-02	ICOM				2.39E-03		
AS51809	I-C-AS-518-09	ICOM				7.97E-04		
AS60501	I-C-AS-605-01	ICOM				2.39E-04		
AS60702	I-C-AS-607-02	ICOM				9.56E-04		
AS63001	I-C-AS-630-01	ICOM				2.39E-03		
AS71101	I-C-AS-711-01	ICOM				2.39E-04		
AS80402	I-C-AS-804-02	ICOM				8.77E-04		
AS83901	I-C-AS-839-01	ICOM				1.59E-03		
AS84001	I-C-AS-841-01	ICOM				7.97E-04		
AS8501	I-C-AS-85-01	ICOM				5.33E-04		
AS85801	I-C-AS-858-01	ICOM				6.38E-04		
AS86702	I-C-AS-867-02	ICOM				4.78E-04		
AS90302	I-C-AS-903-02	ICOM				9.56E-04		
AS9601	I-C-AS-96-01	ICOM				0.01		
AS346001	I-C-AS-SAS3460-01	ICOM				3.75E-04		
SAS3526	I-C-AS-SAS3526-01	ICOM				4.78E-04		
SAS85001	I-C-AS-SAS850-01	ICOM				4.78E-04		
SAS88201	I-C-AS-SAS882-01	ICOM				3.75E-04		
AS88901	I-C-AS-SAS889-01	ICOM				9.56E-04		
CG64001	I-C-CG-640-01	ICOM				0.01		
CG65003	I-C-CG-650-03	ICOM				3.19E-03		
CG70101	I-C-CG-701-01	ICOM				9.56E-04		
CG75501	I-C-CG-755-01	ICOM				2.15E-03		
CG77001	I-C-CG-770-01	ICOM				3.19E-04		
DD4301	I-C-DD-43-01	ICOM				9.56E-04		
RR11001	I-C-RR-110-01	ICOM				1.28E-03		
RR1104	I-C-RR-11-04	ICOM				1.59E-03		
RR120A01	I-C-RR-120A-01	ICOM				2.39E-03		
RR13501	I-C-RR-135-01	ICOM				5.33E-04		
RR150001	I-C-RR-150-01	ICOM				3.67E-03		
RR1506	I-C-RR-15-06	ICOM				1.99E-03		
RR21401	I-C-RR-214-01	ICOM				6.38E-04		
TC150001	I-C-TC-1500-01	ICOM				1.59E-03		
TC50103	I-C-TC-501-03	ICOM				7.97E-04		
TC57501	I-C-TC-575-01	ICOM				3.67E-03		
VL10101	I-C-VL-101-01	ICOM				1.04E-03		
VL10202	I-C-VL-102-02	ICOM				1.04E-03		
VL10304	I-C-VL-103-04	ICOM				1.04E-03		

Marine Corps Base Camp Lejeune [3a]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ETHYLENEDIAMINE [107-15-3] (lb/hr)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/hr)	FLUORIDES [16984-48-8] (lb/hr)	FORMALDEHYDE [50-00-0] (lb/hr)	HYDROGEN FLUORIDE [7664-39-3] (lb/hr)	METHYLENE CHLORIDE [75-09-2] (lb/hr)
VL10402	I-C-VL-104-02	ICOM				1.28E-03		
VL10501	I-C-VL-105-01	ICOM				1.28E-03		
VL16001	I-C-VL-160-01	ICOM				1.28E-03		
FM10202	I-C-VL-STFM102-02	ICOM				5.26E-04		
AS53101	C-AS-531-01	JET				1.06		
AS13901	C-AS-139-01	RDL						
AS414101	C-AS-4141-01	RDL						
AS415804	C-AS-4158-04	RDL						
AS49701	C-AS-497-01	RDL						
CGG48001	C-CG-G480-01	RDL						
AS11601	C-AS-116-01	SURF	23.52			0.05	2.36	14.76
AS390001	C-AS-3900-01	SURF	23.52			0.05	2.36	14.76
AS390002	C-AS-3900-02	SURF	23.52			0.05	2.36	14.76
AS410601	C-AS-4106-01	SURF	23.52			0.05	2.36	14.76
AS413501	C-AS-4135-01	SURF	23.52			0.05	2.36	14.76
AS414605	C-AS-4146-05	SURF	23.52			0.05	2.36	14.76
AS51812	C-AS-518-12	SURF	23.52			0.05	2.36	14.76
AS25501	I-C-AS-255-01	SURF	23.52			0.05	2.36	14.76
AS50404	I-C-AS-504-04	SURF	23.52			0.05	2.36	14.76

Marine Corps Base Camp Lejeune [3a]
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Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/hr)	METHYL ISOBUTYL KETONE [108-10-1] (lb/hr)	PHENOL [108-95-2] (lb/hr)	STYRENE [100-42-5] (lb/hr)	TOLUENE [108-88-3] (lb/hr)	XYLENE [1330-20-7] (lb/hr)
AS14301	I-AS-143-01A	AST/UST					23.58	8.35
AS280001	I-AS-2800-01A	AST/UST					18.64	6.59
AS2820	I-AS-2820-01A	AST/UST					11.10	3.93
AS41001U	I-AS-410-01U	AST/UST					5.00	1.77
AS41002U	I-AS-410-02U	AST/UST					5.00	1.77
AS41003	I-AS-410-03U	AST/UST					5.00	1.77
AS4135	I-AS-4135-02A	AST/UST					5.10	1.81
TC36504A	I-CG-TC365-04A	AST/UST					33.43	11.83
RR1504	I-RR-15-04A	AST/UST					3.86	1.37
RR02A	I-RR-Gasoline-02A	AST/UST					3.86	1.37
TC36505	I-TC-365-05A	AST/UST					9.30	3.32
AS390005	I-C-AS-3900-05	DEGR	196.60	70.23			123.31	39.40
AS410602	I-C-AS-4106-02	DEGR	196.60	70.23			123.31	39.40
AS51802	I-C-AS-518-02	DEGR	196.60	70.23			123.31	39.40
AS415116	C-AS-4151-16	ECOM					0.04	
AS415117	C-AS-4151-17A	ECOM					0.04	
AS415118	C-AS-4151-18	ECOM					0.04	
CG65083	C-CG-650-83B	ECOM					0.04	
CG65084	C-CG-650-84B	ECOM					0.04	
CG65085	C-CG-650-85	ECOM					0.02	
RR1546	C-RR-15-46B	ECOM					0.01	
RR1547	C-RR-15-47B	ECOM					0.01	
AS406001	I-AS-4060-01	ECOM					1.20E-04	
AS406002	I-AS-4060-02	ECOM					1.20E-04	
AS51601	I-AS-516-01	ECOM					2.17E-05	
AS10002	I-C-AS-100-02	ECOM					1.02E-04	
AS100020	I-C-AS-1000-20	ECOM					3.90E-04	
AS100021	I-C-AS-1000-H21	ECOM					2.99E-04	
AS23601	I-C-AS-236-01	ECOM					6.25E-05	
AS280012	I-C-AS-2800-12	ECOM					3.37E-04	
AS350208	I-C-AS-3502-08	ECOM					4.39E-04	
AS350409	I-C-AS-3504-09	ECOM					2.93E-04	
AS352515	I-C-AS-3525-15	ECOM					3.94E-04	
AS400001	I-C-AS-4000-01	ECOM					1.15E-04	
AS4000H1	I-C-AS-4000-H1	ECOM					4.04E-05	
AS401302	I-C-AS-4013-02	ECOM					2.23E-05	
AS403501	I-C-AS-4035-01	ECOM					1.02E-04	
AS4035H1	I-C-AS-4035-H1	ECOM					6.25E-05	
AS407801	I-C-AS-4078-01	ECOM					2.17E-05	
AS408101	I-C-AS-4081-01	ECOM					2.17E-05	
AS420101	I-C-AS-4201-01	ECOM					1.00E-04	
AS70511	I-C-AS-705-11	ECOM					0.01	
AS71003	I-C-AS-710-03	ECOM					1.53E-03	
AS84013	I-C-AS-840-13	ECOM					1.13E-03	
AS84314	I-C-AS-843-14	ECOM					1.82E-04	
CG48089	I-C-CG-480-89	ECOM					3.37E-04	
RR12001	I-C-RR-120-01	ECOM					2.17E-05	
RR1350	I-C-RR-135-02	ECOM					2.17E-05	
RR13502	I-C-RR-135-03	ECOM					2.17E-05	
RR15501	I-C-RR-155-01	ECOM					2.17E-05	
RR40501	I-C-RR-405-01	ECOM					2.17E-05	
RR40502	I-C-RR-405-02	ECOM					2.17E-05	
RR40503	I-C-RR-405-03	ECOM					2.17E-05	
RR40504	I-C-RR-405-04	ECOM					2.17E-05	

Marine Corps Base Camp Lejeune [3a]

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Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/hr)	METHYL ISOBUTYL KETONE [108-10-1] (lb/hr)	PHENOL [108-95-2] (lb/hr)	STYRENE [100-42-5] (lb/hr)	TOLUENE [108-88-3] (lb/hr)	XYLENE [1330-20-7] (lb/hr)
AS4201H1	I-C-RR-4201-H1	ECOM					5.51E-05	
RR44001	I-C-RR-440-01	ECOM					2.17E-05	
RR45001	I-C-RR-450-01	ECOM					8.34E-05	
RR45002	I-C-RR-450-02	ECOM					8.34E-05	
RR45003	I-C-RR-450-03	ECOM					9.35E-05	
TC150060	I-C-TC-1500-60	ECOM					1.72E-03	
AS14301D	I-AS-143-01A	FDSP					1.06	1.35
AS2800D	I-AS-2800-01A	FDSP					0.88	1.13
AS2820D	I-AS-2820-01A	FDSP					1.06	1.35
AS41001D	I-AS-410-01U	FDSP					1.06	1.35
AS41002D	I-AS-410-02U	FDSP					1.06	1.35
AS41003D	I-AS-410-03U	FDSP					1.06	1.35
AS4135D	I-AS-4135-02A	FDSP					1.06	1.35
TC365AD	I-CG-TC365-04A	FDSP					1.06	1.35
RR1504D	I-RR-15-04A	FDSP					1.06	1.35
RR02AD	I-RR-Gasoline-02A	FDSP					1.06	1.35
TC36505D	I-TC-365-05A	FDSP					0.27	0.23
AS390004	I-C-AS-3900-04	FIBR	878.32	219.62	18.20	207.64	550.90	422.49
AS504	I-C-AS-504-05	FIBR	878.32	219.62	18.20	207.64	550.90	422.49
AS362505	C-AS-3625-05	FIRE						
AS11006	C-AS-110-06	ICOM					0.03	0.02
SD401301	C-AS-4013-01	ICOM					0.04	0.04
RR13401	C-RR-134-01	ICOM					0.02	0.02
RR301	C-RR-3-01	ICOM					0.03	0.02
RR40005	C-RR-400-05	ICOM					0.06	0.05
RR405	C-RR-405-01	ICOM					0.07	0.06
RR42501	C-RR-425-01	ICOM					0.06	0.05
RR43005	C-RR-430-05	ICOM					0.03	0.02
RR440	C-RR-440-01	ICOM					0.01	0.01
RR47001	C-SRR-470-01	ICOM					0.01	0.01
AS100001	I-C-AS-1000-01	ICOM					3.22E-03	2.87E-03
AS10001	I-C-AS-100-01	ICOM					0.01	0.01
AS100602	I-C-AS-1006-02	ICOM					1.93E-03	1.72E-03
AS11002	I-C-AS-110-02	ICOM					0.03	0.02
AS11005	I-C-AS-110-05	ICOM					0.02	0.02
AS12202	I-C-AS-122-02	ICOM					0.01	0.01
AS14302	I-C-AS-143-02	ICOM					1.61E-03	1.43E-03
AS14401	I-C-AS-144-01	ICOM					0.01	0.01
AS18001	I-C-AS-180-01	ICOM					0.01	0.01
AS1871	I-C-AS-187-01	ICOM					3.86E-03	3.44E-03
AS200802	I-C-AS-2008-02	ICOM					1.93E-03	1.72E-03
AS21102	I-C-AS-211-02	ICOM					0.01	0.01
AS21201	I-C-AS-212-01	ICOM					0.01	0.01
AS22401	I-C-AS-224-01	ICOM					0.01	0.01
AS23802	I-C-AS-238-02	ICOM					1.93E-03	1.72E-03
AS23902	I-C-AS-239-02	ICOM					1.93E-03	1.72E-03
AS300002	I-C-AS-3000-02	ICOM					3.86E-03	3.44E-03
AS30201	I-C-AS-302-01	ICOM					0.01	0.01
AS345001	I-C-AS-3450-01	ICOM					3.86E-03	3.44E-03
AS350304	I-C-AS-3503-04	ICOM					2.12E-03	1.89E-03
AS360101	I-C-AS-3601-01	ICOM					3.86E-03	3.44E-03
AS362603	I-C-AS-3625-03A	ICOM					0.01	0.01
AS401201	I-C-AS-4012-01	ICOM					0.02	0.02
AS404101	I-C-AS-4041-01	ICOM					9.66E-04	8.60E-04

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Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/hr)	METHYL ISOBUTYL KETONE [108-10-1] (lb/hr)	PHENOL [108-95-2] (lb/hr)	STYRENE [100-42-5] (lb/hr)	TOLUENE [108-88-3] (lb/hr)	XYLENE [1330-20-7] (lb/hr)
AS405501	I-C-AS-4055-01	ICOM					0.01	0.01
AS408501	I-C-AS-4085-01	ICOM					0.02	0.01
AS411401	I-C-AS-4114-01	ICOM					3.22E-03	2.87E-03
AS414302	I-C-AS-4143-02	ICOM					0.01	0.01
AS414501	I-C-AS-4145-01	ICOM					6.44E-04	5.73E-04
AS414701	I-C-AS-4147-01	ICOM					6.44E-04	5.73E-04
AS415105	I-C-AS-4151-05	ICOM					0.03	0.02
AS419201	I-C-AS-4192-01	ICOM					0.01	4.65E-03
AS420201	I-C-AS-4202-01	ICOM					9.66E-04	8.60E-04
AS42601	I-C-AS-426-01	ICOM					1.29E-03	1.15E-03
AS42801	I-C-AS-428-01	ICOM					0.01	0.01
AS42802	I-C-AS-428-02	ICOM					3.22E-03	2.87E-03
AS42803	I-C-AS-428-03	ICOM					3.22E-03	2.87E-03
AS42902	I-C-AS-429-02	ICOM					0.01	0.01
AS430301	I-C-AS-4303-01	ICOM					3.86E-03	3.44E-03
AS50201	I-C-AS-502-01	ICOM					3.86E-03	3.44E-03
AS50402	I-C-AS-504-02	ICOM					0.01	0.01
AS51809	I-C-AS-518-09	ICOM					3.22E-03	2.87E-03
AS60501	I-C-AS-605-01	ICOM					9.66E-04	8.60E-04
AS60702	I-C-AS-607-02	ICOM					3.86E-03	3.44E-03
AS63001	I-C-AS-630-01	ICOM					0.01	0.01
AS71101	I-C-AS-711-01	ICOM					9.66E-04	8.60E-04
AS80402	I-C-AS-804-02	ICOM					3.54E-03	3.15E-03
AS83901	I-C-AS-839-01	ICOM					0.01	0.01
AS84001	I-C-AS-841-01	ICOM					3.22E-03	2.87E-03
AS8501	I-C-AS-85-01	ICOM					0.02	0.02
AS85801	I-C-AS-858-01	ICOM					2.58E-03	2.29E-03
AS86702	I-C-AS-867-02	ICOM					1.93E-03	1.72E-03
AS90302	I-C-AS-903-02	ICOM					3.86E-03	3.44E-03
AS9601	I-C-AS-96-01	ICOM					0.02	0.02
AS346001	I-C-AS-SAS3460-01	ICOM					1.51E-03	1.35E-03
SAS3526	I-C-AS-SAS3526-01	ICOM					1.93E-03	1.72E-03
SAS85001	I-C-AS-SAS850-01	ICOM					1.93E-03	1.72E-03
SAS88201	I-C-AS-SAS882-01	ICOM					1.51E-03	1.35E-03
AS88901	I-C-AS-SAS889-01	ICOM					3.86E-03	3.44E-03
CG64001	I-C-CG-640-01	ICOM					0.03	0.02
CG65003	I-C-CG-650-03	ICOM					0.01	0.01
CG70101	I-C-CG-701-01	ICOM					3.86E-03	3.44E-03
CG75501	I-C-CG-755-01	ICOM					0.01	0.01
CG77001	I-C-CG-770-01	ICOM					1.29E-03	1.15E-03
DD4301	I-C-DD-43-01	ICOM					3.86E-03	3.44E-03
RR11001	I-C-RR-110-01	ICOM					0.01	4.59E-03
RR1104	I-C-RR-11-04	ICOM					0.01	0.01
RR120A01	I-C-RR-120A-01	ICOM					0.01	0.01
RR13501	I-C-RR-135-01	ICOM					0.02	0.02
RR150001	I-C-RR-150-01	ICOM					0.01	0.01
RR1506	I-C-RR-15-06	ICOM					0.01	0.01
RR21401	I-C-RR-214-01	ICOM					2.58E-03	2.29E-03
TC150001	I-C-TC-1500-01	ICOM					0.01	0.01
TC50103	I-C-TC-501-03	ICOM					3.22E-03	2.87E-03
TC57501	I-C-TC-575-01	ICOM					0.01	0.01
VL10101	I-C-VL-101-01	ICOM					4.19E-03	3.73E-03
VL10202	I-C-VL-102-02	ICOM					4.19E-03	3.73E-03
VL10304	I-C-VL-103-04	ICOM					4.19E-03	3.73E-03

Marine Corps Base Camp Lejeune [3a]
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Zone C: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/hr)	METHYL ISOBUTYL KETONE [108-10-1] (lb/hr)	PHENOL [108-95-2] (lb/hr)	STYRENE [100-42-5] (lb/hr)	TOLUENE [108-88-3] (lb/hr)	XYLENE [1330-20-7] (lb/hr)
VL10402	I-C-VL-104-02	ICOM					0.01	4.59E-03
VL10501	I-C-VL-105-01	ICOM					0.01	4.59E-03
VL16001	I-C-VL-160-01	ICOM					0.01	4.59E-03
FM10202	I-C-VL-STFM102-02	ICOM					2.12E-03	1.89E-03
AS53101	C-AS-531-01	JET			0.01	0.12	0.43	
AS13901	C-AS-139-01	RDL					36.32	46.26
AS414101	C-AS-4141-01	RDL					36.32	46.26
AS415804	C-AS-4158-04	RDL					0.45	1.31
AS49701	C-AS-497-01	RDL					36.32	46.26
CGG48001	C-CG-G480-01	RDL					0.27	2.55
AS11601	C-AS-116-01	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS390001	C-AS-3900-01	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS390002	C-AS-3900-02	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS410601	C-AS-4106-01	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS413501	C-AS-4135-01	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS414605	C-AS-4146-05	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS51812	C-AS-518-12	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS25501	I-C-AS-255-01	SURF	762.01	272.20	5.05	54.04	477.95	610.91
AS50404	I-C-AS-504-04	SURF	762.01	272.20	5.05	54.04	477.95	610.91

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App A

Model ID	Permit ID	Source Type	ACRYLONITRILE [107-13-1] (lb/day)	CHLORINE [7782-50-5] (lb/day)	CHLOROBENZENE [108-90-7] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/day)
AS14301	I-AS-143-01A	AST/UST						
AS280001	I-AS-2800-01A	AST/UST						
AS2820	I-AS-2820-01A	AST/UST						
AS41001U	I-AS-410-01U	AST/UST						
AS41002U	I-AS-410-02U	AST/UST						
AS41003	I-AS-410-03U	AST/UST						
AS4135	I-AS-4135-02A	AST/UST						
TC36504A	I-CG-TC365-04A	AST/UST						
RR1504	I-RR-15-04A	AST/UST						
RR02A	I-RR-Gasoline-02A	AST/UST						
TC36505	I-TC-365-05A	AST/UST						
AS390005	I-C-AS-3900-05	DEGR						
AS410602	I-C-AS-4106-02	DEGR						
AS51802	I-C-AS-518-02	DEGR						
AS415116	C-AS-4151-16	ECOM		147.80				
AS415117	C-AS-4151-17A	ECOM		147.80				
AS415118	C-AS-4151-18	ECOM		147.80				
CG65083	C-CG-650-83B	ECOM		153.95				
CG65084	C-CG-650-84B	ECOM		153.95				
CG65085	C-CG-650-85	ECOM		97.30				
RR1546	C-RR-15-46B	ECOM		32.33				
RR1547	C-RR-15-47B	ECOM		32.33				
AS406001	I-AS-4060-01	ECOM						
AS406002	I-AS-4060-02	ECOM						
AS51601	I-AS-516-01	ECOM						
AS10002	I-C-AS-100-02	ECOM						
AS100020	I-C-AS-1000-20	ECOM		1.75				
AS100021	I-C-AS-1000-H21	ECOM		1.34				
AS23601	I-C-AS-236-01	ECOM						
AS280012	I-C-AS-2800-12	ECOM		1.51				
AS350208	I-C-AS-3502-08	ECOM		1.97				
AS350409	I-C-AS-3504-09	ECOM		1.32				
AS352515	I-C-AS-3525-15	ECOM		1.77				
AS400001	I-C-AS-4000-01	ECOM						
AS4000H1	I-C-AS-4000-H1	ECOM						
AS401302	I-C-AS-4013-02	ECOM						
AS403501	I-C-AS-4035-01	ECOM						
AS4035H1	I-C-AS-4035-H1	ECOM						
AS407801	I-C-AS-4078-01	ECOM						
AS408101	I-C-AS-4081-01	ECOM						
AS420101	I-C-AS-4201-01	ECOM						
AS70511	I-C-AS-705-11	ECOM		28.14				
AS71003	I-C-AS-710-03	ECOM		6.89				
AS84013	I-C-AS-840-13	ECOM		5.06				
AS84314	I-C-AS-843-14	ECOM		0.82				
CG48089	I-C-CG-480-89	ECOM		1.51				
RR12001	I-C-RR-120-01	ECOM						
RR1350	I-C-RR-135-02	ECOM						
RR13502	I-C-RR-135-03	ECOM						
RR15501	I-C-RR-155-01	ECOM						
RR40501	I-C-RR-405-01	ECOM						
RR40502	I-C-RR-405-02	ECOM						
RR40503	I-C-RR-405-03	ECOM						
RR40504	I-C-RR-405-04	ECOM						

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App A

Model ID	Permit ID	Source Type	ACRYLONITRILE [107-13-1] (lb/day)	CHLORINE [7782-50-5] (lb/day)	CHLOROBENZENE [108-90-7] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/day)
AS4201H1	I-C-RR-4201-H1	ECOM						
RR44001	I-C-RR-440-01	ECOM						
RR45001	I-C-RR-450-01	ECOM						
RR45002	I-C-RR-450-02	ECOM						
RR45003	I-C-RR-450-03	ECOM						
TC150060	I-C-TC-1500-60	ECOM		7.73				
AS14301D	I-AS-143-01A	FDSP						
AS2800D	I-AS-2800-01A	FDSP						
AS2820D	I-AS-2820-01A	FDSP						
AS41001D	I-AS-410-01U	FDSP						
AS41002D	I-AS-410-02U	FDSP						
AS41003D	I-AS-410-03U	FDSP						
AS4135D	I-AS-4135-02A	FDSP						
TC365AD	I-CG-TC365-04A	FDSP						
RR1504D	I-RR-15-04A	FDSP						
RR02AD	I-RR-Gasoline-02A	FDSP						
TC36505D	I-TC-365-05A	FDSP						
AS390004	I-C-AS-3900-04	FIBR	294.76		21,616.00		678.82	1,179.05
AS504	I-C-AS-504-05	FIBR	294.76		21,616.00		678.82	1,179.05
AS11006	C-AS-110-06	ICOM						
SD401301	C-AS-4013-01	ICOM						
RR13401	C-RR-134-01	ICOM						
RR301	C-RR-3-01	ICOM						
RR40005	C-RR-400-05	ICOM						
RR405	C-RR-405-01	ICOM						
RR42501	C-RR-425-01	ICOM						
RR43005	C-RR-430-05	ICOM						
RR440	C-RR-440-01	ICOM						
RR47001	C-SRR-470-01	ICOM						
AS100001	I-C-AS-1000-01	ICOM						
AS10001	I-C-AS-100-01	ICOM						
AS100602	I-C-AS-1006-02	ICOM						
AS11002	I-C-AS-110-02	ICOM						
AS11005	I-C-AS-110-05	ICOM						
AS12202	I-C-AS-122-02	ICOM						
AS14302	I-C-AS-143-02	ICOM						
AS14401	I-C-AS-144-01	ICOM						
AS18001	I-C-AS-180-01	ICOM						
AS1871	I-C-AS-187-01	ICOM						
AS200802	I-C-AS-2008-02	ICOM						
AS21102	I-C-AS-211-02	ICOM						
AS21201	I-C-AS-212-01	ICOM						
AS22401	I-C-AS-224-01	ICOM						
AS23802	I-C-AS-238-02	ICOM						
AS23902	I-C-AS-239-02	ICOM						
AS300002	I-C-AS-3000-02	ICOM						
AS30201	I-C-AS-302-01	ICOM						
AS345001	I-C-AS-3450-01	ICOM						
AS350304	I-C-AS-3503-04	ICOM						
AS360101	I-C-AS-3601-01	ICOM						
AS362603	I-C-AS-3625-03A	ICOM						
AS401201	I-C-AS-4012-01	ICOM						
AS404101	I-C-AS-4041-01	ICOM						
AS405501	I-C-AS-4055-01	ICOM						

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App A

Model ID	Permit ID	Source Type	ACRYLONITRILE [107-13-1] (lb/day)	CHLORINE [7782-50-5] (lb/day)	CHLOROBENZENE [108-90-7] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/day)
AS408501	I-C-AS-4085-01	ICOM						
AS411401	I-C-AS-4114-01	ICOM						
AS414302	I-C-AS-4143-02	ICOM						
AS414501	I-C-AS-4145-01	ICOM						
AS414701	I-C-AS-4147-01	ICOM						
AS415105	I-C-AS-4151-05	ICOM						
AS419201	I-C-AS-4192-01	ICOM						
AS420201	I-C-AS-4202-01	ICOM						
AS42601	I-C-AS-426-01	ICOM						
AS42801	I-C-AS-428-01	ICOM						
AS42802	I-C-AS-428-02	ICOM						
AS42803	I-C-AS-428-03	ICOM						
AS42902	I-C-AS-429-02	ICOM						
AS430301	I-C-AS-4303-01	ICOM						
AS50201	I-C-AS-502-01	ICOM						
AS50402	I-C-AS-504-02	ICOM						
AS51809	I-C-AS-518-09	ICOM						
AS60501	I-C-AS-605-01	ICOM						
AS60702	I-C-AS-607-02	ICOM						
AS63001	I-C-AS-630-01	ICOM						
AS71101	I-C-AS-711-01	ICOM						
AS80402	I-C-AS-804-02	ICOM						
AS83901	I-C-AS-839-01	ICOM						
AS84001	I-C-AS-841-01	ICOM						
AS8501	I-C-AS-85-01	ICOM						
AS85801	I-C-AS-858-01	ICOM						
AS86702	I-C-AS-867-02	ICOM						
AS90302	I-C-AS-903-02	ICOM						
AS9601	I-C-AS-96-01	ICOM						
AS346001	I-C-AS-SAS3460-01	ICOM						
SAS3526	I-C-AS-SAS3526-01	ICOM						
SAS85001	I-C-AS-SAS850-01	ICOM						
SAS88201	I-C-AS-SAS882-01	ICOM						
AS88901	I-C-AS-SAS889-01	ICOM						
CG64001	I-C-CG-640-01	ICOM						
CG65003	I-C-CG-650-03	ICOM						
CG70101	I-C-CG-701-01	ICOM						
CG75501	I-C-CG-755-01	ICOM						
CG77001	I-C-CG-770-01	ICOM						
DD4301	I-C-DD-43-01	ICOM						
RR11001	I-C-RR-110-01	ICOM						
RR1104	I-C-RR-11-04	ICOM						
RR120A01	I-C-RR-120A-01	ICOM						
RR13501	I-C-RR-135-01	ICOM						
RR150001	I-C-RR-150-01	ICOM						
RR1506	I-C-RR-15-06	ICOM						
RR21401	I-C-RR-214-01	ICOM						
TC150001	I-C-TC-1500-01	ICOM						
TC50103	I-C-TC-501-03	ICOM						
TC57501	I-C-TC-575-01	ICOM						
VL10101	I-C-VL-101-01	ICOM						
VL10202	I-C-VL-102-02	ICOM						
VL10304	I-C-VL-103-04	ICOM						
VL10402	I-C-VL-104-02	ICOM						

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App A

Model ID	Permit ID	Source Type	ACRYLONITRILE [107-13-1] (lb/day)	CHLORINE [7782-50-5] (lb/day)	CHLOROBENZENE [108-90-7] (lb/day)	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	ETHYLENEDIAMINE [107-15-3] (lb/day)	ETHYLENE GLYCOL MONOETHYL ETHER [110-80-5] (lb/day)
VL10501	I-C-VL-105-01	ICOM						
VL16001	I-C-VL-160-01	ICOM						
FM10202	I-C-VL-STFM102-02	ICOM						
AS53101	C-AS-531-01	JET						
AS13901	C-AS-139-01	RDL						
AS414101	C-AS-4141-01	RDL						
AS415804	C-AS-4158-04	RDL						
AS49701	C-AS-497-01	RDL						
CGG48001	C-CG-G480-01	RDL				0.01		
AS11601	C-AS-116-01	SURF				67.10	594.88	
AS390001	C-AS-3900-01	SURF				67.10	594.88	
AS390002	C-AS-3900-02	SURF				67.10	594.88	
AS410601	C-AS-4106-01	SURF				67.10	594.88	
AS413501	C-AS-4135-01	SURF				67.10	594.88	
AS414605	C-AS-4146-05	SURF				67.10	594.88	
AS51812	C-AS-518-12	SURF				67.10	594.88	
AS25501	I-C-AS-255-01	SURF				67.10	594.88	
AS50404	I-C-AS-504-04	SURF				67.10	594.88	
AS11402	I-C-AS-114-02	WELD						
AS12201	I-C-AS-122-01	WELD						
AS410606	I-C-AS-4106-06	WELD						
AS413502	I-C-AS-4135-02	WELD						
AS41461D	I-C-AS-4146-06	WELD						
AS415801	I-C-AS-4158-01	WELD						
AS51801	I-C-AS-518-01	WELD						
RR1102	I-C-RR-11-02	WELD						
RR43003	I-C-RR-430-03	WELD						
RR45501	I-C-RR-455-01	WELD						

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Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)
AS14301	I-AS-143-01A	AST/UST		189.58				
AS280001	I-AS-2800-01A	AST/UST		141.85				
AS2820	I-AS-2820-01A	AST/UST		84.51				
AS41001U	I-AS-410-01U	AST/UST		38.03				
AS41002U	I-AS-410-02U	AST/UST		38.03				
AS41003	I-AS-410-03U	AST/UST		38.03				
AS4135	I-AS-4135-02A	AST/UST		38.83				
TC36504A	I-CG-TC365-04A	AST/UST		254.44				
RR1504	I-RR-15-04A	AST/UST		29.39				
RR02A	I-RR-Gasoline-02A	AST/UST		29.39				
TC36505	I-TC-365-05A	AST/UST		73.40				
AS390005	I-C-AS-3900-05	DEGR						
AS410602	I-C-AS-4106-02	DEGR						
AS51802	I-C-AS-518-02	DEGR						
AS415116	C-AS-4151-16	ECOM	63.07	169.49	4.50		0.11	2.36
AS415117	C-AS-4151-17A	ECOM	63.07	169.49	4.50		0.11	2.36
AS415118	C-AS-4151-18	ECOM	63.07	169.49	4.50		0.11	2.36
CG65083	C-CG-650-83B	ECOM	65.69	176.55	4.69		0.12	2.46
CG65084	C-CG-650-84B	ECOM	65.69	176.55	4.69		0.12	2.46
CG65085	C-CG-650-85	ECOM	41.52	111.58	2.96		0.08	1.56
RR1546	C-RR-15-46B	ECOM	13.80		0.98		0.02	0.52
RR1547	C-RR-15-47B	ECOM	13.80		0.98		0.02	0.52
AS406001	I-AS-4060-01	ECOM		7.61			3.16E-04	0.01
AS406002	I-AS-4060-02	ECOM		7.61			3.16E-04	0.01
AS51601	I-AS-516-01	ECOM		1.38			5.72E-05	1.63E-03
AS10002	I-C-AS-100-02	ECOM		6.44			2.68E-04	0.01
AS100020	I-C-AS-1000-20	ECOM	0.68		0.05		1.24E-03	0.03
AS100021	I-C-AS-1000-H21	ECOM	0.53		0.04		9.50E-04	0.02
AS23601	I-C-AS-236-01	ECOM		3.97			1.65E-04	4.70E-03
AS280012	I-C-AS-2800-12	ECOM	0.59		0.04		1.07E-03	0.02
AS350208	I-C-AS-3502-08	ECOM	0.77		0.05		1.39E-03	0.03
AS350409	I-C-AS-3504-09	ECOM	0.52		0.04		9.31E-04	0.02
AS352515	I-C-AS-3525-15	ECOM	0.69		0.05		1.25E-03	0.03
AS400001	I-C-AS-4000-01	ECOM		7.31			3.04E-04	0.01
AS4000H1	I-C-AS-4000-H1	ECOM		2.56			1.07E-04	3.04E-03
AS401302	I-C-AS-4013-02	ECOM		1.41			5.87E-05	1.67E-03
AS403501	I-C-AS-4035-01	ECOM		6.44			2.68E-04	0.01
AS4035H1	I-C-AS-4035-H1	ECOM		3.97			1.65E-04	4.70E-03
AS407801	I-C-AS-4078-01	ECOM		1.38			5.72E-05	1.63E-03
AS408101	I-C-AS-4081-01	ECOM		1.38			5.72E-05	1.63E-03
AS420101	I-C-AS-4201-01	ECOM		6.36			2.64E-04	0.01
AS70511	I-C-AS-705-11	ECOM	11.00		0.78		0.02	0.41
AS71003	I-C-AS-710-03	ECOM	2.69		0.19		4.87E-03	0.10
AS84013	I-C-AS-840-13	ECOM	1.98		0.14		3.58E-03	0.07
AS84314	I-C-AS-843-14	ECOM	0.32		0.02		5.77E-04	0.01
CG48089	I-C-CG-480-89	ECOM	0.59		0.04		1.07E-03	0.02
RR12001	I-C-RR-120-01	ECOM		1.38			5.72E-05	1.63E-03
RR1350	I-C-RR-135-02	ECOM		1.38			5.72E-05	1.63E-03
RR13502	I-C-RR-135-03	ECOM		1.38			5.72E-05	1.63E-03
RR15501	I-C-RR-155-01	ECOM		1.38			5.72E-05	1.63E-03
RR40501	I-C-RR-405-01	ECOM		1.38			5.72E-05	1.63E-03
RR40502	I-C-RR-405-02	ECOM		1.38			5.72E-05	1.63E-03
RR40503	I-C-RR-405-03	ECOM		1.38			5.72E-05	1.63E-03
RR40504	I-C-RR-405-04	ECOM		1.38			5.72E-05	1.63E-03

Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)
AS4201H1	I-C-RR-4201-H1	ECOM		3.50			1.45E-04	4.14E-03
RR44001	I-C-RR-440-01	ECOM		1.38			5.72E-05	1.63E-03
RR45001	I-C-RR-450-01	ECOM		5.30			2.20E-04	0.01
RR45002	I-C-RR-450-02	ECOM		5.30			2.20E-04	0.01
RR45003	I-C-RR-450-03	ECOM		5.93			2.47E-04	0.01
TC150060	I-C-TC-1500-60	ECOM	3.02		0.22		0.01	0.11
AS14301D	I-AS-143-01A	FDSP		22.52				
AS2800D	I-AS-2800-01A	FDSP		1.17				
AS2820D	I-AS-2820-01A	FDSP		8.21				
AS41001D	I-AS-410-01U	FDSP		9.38				
AS41002D	I-AS-410-02U	FDSP		9.38				
AS41003D	I-AS-410-03U	FDSP		9.38				
AS4135D	I-AS-4135-02A	FDSP		2.35				
TC365AD	I-CG-TC365-04A	FDSP		22.52				
RR1504D	I-RR-15-04A	FDSP		2.35				
RR02AD	I-RR-Gasoline-02A	FDSP		2.35				
TC36505D	I-TC-365-05A	FDSP		4.22				
AS390004	I-C-AS-3900-04	FIBR		7,614.50	13.62	1,179.05		
AS504	I-C-AS-504-05	FIBR		7,614.50	13.62	1,179.05		
AS11006	C-AS-110-06	ICOM						
SD401301	C-AS-4013-01	ICOM						
RR13401	C-RR-134-01	ICOM						
RR301	C-RR-3-01	ICOM						
RR40005	C-RR-400-05	ICOM						
RR405	C-RR-405-01	ICOM						
RR42501	C-RR-425-01	ICOM						
RR43005	C-RR-430-05	ICOM						
RR440	C-RR-440-01	ICOM						
RR47001	C-SRR-470-01	ICOM						
AS100001	I-C-AS-1000-01	ICOM						
AS10001	I-C-AS-100-01	ICOM						
AS100602	I-C-AS-1006-02	ICOM						
AS11002	I-C-AS-110-02	ICOM						
AS11005	I-C-AS-110-05	ICOM						
AS12202	I-C-AS-122-02	ICOM						
AS14302	I-C-AS-143-02	ICOM						
AS14401	I-C-AS-144-01	ICOM						
AS18001	I-C-AS-180-01	ICOM						
AS1871	I-C-AS-187-01	ICOM						
AS200802	I-C-AS-2008-02	ICOM						
AS21102	I-C-AS-211-02	ICOM						
AS21201	I-C-AS-212-01	ICOM						
AS22401	I-C-AS-224-01	ICOM						
AS23802	I-C-AS-238-02	ICOM						
AS23902	I-C-AS-239-02	ICOM						
AS300002	I-C-AS-3000-02	ICOM						
AS30201	I-C-AS-302-01	ICOM						
AS345001	I-C-AS-3450-01	ICOM						
AS350304	I-C-AS-3503-04	ICOM						
AS360101	I-C-AS-3601-01	ICOM						
AS362603	I-C-AS-3625-03A	ICOM						
AS401201	I-C-AS-4012-01	ICOM						
AS404101	I-C-AS-4041-01	ICOM						
AS405501	I-C-AS-4055-01	ICOM						

Marine Corps Base Camp Lejeune [3b]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)
AS408501	I-C-AS-4085-01	ICOM						
AS411401	I-C-AS-4114-01	ICOM						
AS414302	I-C-AS-4143-02	ICOM						
AS414501	I-C-AS-4145-01	ICOM						
AS414701	I-C-AS-4147-01	ICOM						
AS415105	I-C-AS-4151-05	ICOM						
AS419201	I-C-AS-4192-01	ICOM						
AS420201	I-C-AS-4202-01	ICOM						
AS42601	I-C-AS-426-01	ICOM						
AS42801	I-C-AS-428-01	ICOM						
AS42802	I-C-AS-428-02	ICOM						
AS42803	I-C-AS-428-03	ICOM						
AS42902	I-C-AS-429-02	ICOM						
AS430301	I-C-AS-4303-01	ICOM						
AS50201	I-C-AS-502-01	ICOM						
AS50402	I-C-AS-504-02	ICOM						
AS51809	I-C-AS-518-09	ICOM						
AS60501	I-C-AS-605-01	ICOM						
AS60702	I-C-AS-607-02	ICOM						
AS63001	I-C-AS-630-01	ICOM						
AS71101	I-C-AS-711-01	ICOM						
AS80402	I-C-AS-804-02	ICOM						
AS83901	I-C-AS-839-01	ICOM						
AS84001	I-C-AS-841-01	ICOM						
AS8501	I-C-AS-85-01	ICOM						
AS85801	I-C-AS-858-01	ICOM						
AS86702	I-C-AS-867-02	ICOM						
AS90302	I-C-AS-903-02	ICOM						
AS9601	I-C-AS-96-01	ICOM						
AS346001	I-C-AS-SAS3460-01	ICOM						
SAS3526	I-C-AS-SAS3526-01	ICOM						
SAS85001	I-C-AS-SAS850-01	ICOM						
SAS88201	I-C-AS-SAS882-01	ICOM						
AS88901	I-C-AS-SAS889-01	ICOM						
CG64001	I-C-CG-640-01	ICOM						
CG65003	I-C-CG-650-03	ICOM						
CG70101	I-C-CG-701-01	ICOM						
CG75501	I-C-CG-755-01	ICOM						
CG77001	I-C-CG-770-01	ICOM						
DD4301	I-C-DD-43-01	ICOM						
RR11001	I-C-RR-110-01	ICOM						
RR1104	I-C-RR-11-04	ICOM						
RR120A01	I-C-RR-120A-01	ICOM						
RR13501	I-C-RR-135-01	ICOM						
RR150001	I-C-RR-150-01	ICOM						
RR1506	I-C-RR-15-06	ICOM						
RR21401	I-C-RR-214-01	ICOM						
TC150001	I-C-TC-1500-01	ICOM						
TC50103	I-C-TC-501-03	ICOM						
TC57501	I-C-TC-575-01	ICOM						
VL10101	I-C-VL-101-01	ICOM						
VL10202	I-C-VL-102-02	ICOM						
VL10304	I-C-VL-103-04	ICOM						
VL10402	I-C-VL-104-02	ICOM						

Marine Corps Base Camp Lejeune [3b]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	FLUORIDES [16984-48-8] (lb/day)	N-HEXANE [110-54-3] (lb/day)	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	HYDROGEN SULFIDE [7783-06-4] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	MERCURY, COMPOUNDS [HGC] (lb/day)
VL10501	I-C-VL-105-01	ICOM						
VL16001	I-C-VL-160-01	ICOM						
FM10202	I-C-VL-STFM102-02	ICOM						
AS53101	C-AS-531-01	JET						
AS13901	C-AS-139-01	RDL						
AS414101	C-AS-4141-01	RDL						
AS415804	C-AS-4158-04	RDL						
AS49701	C-AS-497-01	RDL						
CGG48001	C-CG-G480-01	RDL						
AS11601	C-AS-116-01	SURF		1,034.70	65.51		0.55	
AS390001	C-AS-3900-01	SURF		1,034.70	65.51		0.06	
AS390002	C-AS-3900-02	SURF		1,034.70	65.51		0.06	
AS410601	C-AS-4106-01	SURF		1,034.70	65.51		0.06	
AS413501	C-AS-4135-01	SURF		1,034.70	65.51		0.55	
AS414605	C-AS-4146-05	SURF		1,034.70	65.51		0.55	
AS51812	C-AS-518-12	SURF		1,034.70	65.51		0.06	
AS25501	I-C-AS-255-01	SURF		1,034.70	65.51		0.55	
AS50404	I-C-AS-504-04	SURF		1,034.70	65.51		0.55	
AS11402	I-C-AS-114-02	WELD					17.22	
AS12201	I-C-AS-122-01	WELD					17.22	
AS410606	I-C-AS-4106-06	WELD					17.22	
AS413502	I-C-AS-4135-02	WELD					17.22	
AS41461D	I-C-AS-4146-06	WELD					17.22	
AS415801	I-C-AS-4158-01	WELD					17.22	
AS51801	I-C-AS-518-01	WELD					17.22	
RR1102	I-C-RR-11-02	WELD					17.22	
RR43003	I-C-RR-430-03	WELD					17.22	
RR45501	I-C-RR-455-01	WELD					17.22	

Marine Corps Base Camp Lejeune [3b]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)
AS14301	I-AS-143-01A	AST/UST					115.40	
AS280001	I-AS-2800-01A	AST/UST					86.35	
AS2820	I-AS-2820-01A	AST/UST					51.44	
AS41001U	I-AS-410-01U	AST/UST					23.15	
AS41002U	I-AS-410-02U	AST/UST					23.15	
AS41003	I-AS-410-03U	AST/UST					23.15	
AS4135	I-AS-4135-02A	AST/UST					23.64	
TC36504A	I-CG-TC365-04A	AST/UST					154.88	
RR1504	I-RR-15-04A	AST/UST					17.89	
RR02A	I-RR-Gasoline-02A	AST/UST					17.89	
TC36505	I-TC-365-05A	AST/UST					45.24	
AS390005	I-C-AS-3900-05	DEGR	553.35	396.12			571.30	
AS410602	I-C-AS-4106-02	DEGR	553.35	396.12			571.30	
AS51802	I-C-AS-518-02	DEGR	553.35	396.12			571.30	
AS415116	C-AS-4151-16	ECOM			0.15		3.99	
AS415117	C-AS-4151-17A	ECOM			0.15		3.99	
AS415118	C-AS-4151-18	ECOM			0.15		3.99	
CG65083	C-CG-650-83B	ECOM			0.16		4.16	
CG65084	C-CG-650-84B	ECOM			0.16		4.16	
CG65085	C-CG-650-85	ECOM			0.10		2.63	
RR1546	C-RR-15-46B	ECOM			0.03		0.87	
RR1547	C-RR-15-47B	ECOM			0.03		0.87	
AS406001	I-AS-4060-01	ECOM			4.59E-03		0.01	
AS406002	I-AS-4060-02	ECOM			4.59E-03		0.01	
AS51601	I-AS-516-01	ECOM			8.30E-04		2.41E-03	
AS10002	I-C-AS-100-02	ECOM			3.89E-03		0.01	
AS100020	I-C-AS-1000-20	ECOM			1.62E-03		0.04	
AS100021	I-C-AS-1000-H21	ECOM			1.25E-03		0.03	
AS23601	I-C-AS-236-01	ECOM			2.39E-03		0.01	
AS280012	I-C-AS-2800-12	ECOM			1.40E-03		0.04	
AS350208	I-C-AS-3502-08	ECOM			1.83E-03		0.05	
AS350409	I-C-AS-3504-09	ECOM			1.22E-03		0.03	
AS352515	I-C-AS-3525-15	ECOM			1.64E-03		0.04	
AS400001	I-C-AS-4000-01	ECOM			4.41E-03		0.01	
AS4000H1	I-C-AS-4000-H1	ECOM			1.55E-03		4.49E-03	
AS401302	I-C-AS-4013-02	ECOM			8.52E-04		2.47E-03	
AS403501	I-C-AS-4035-01	ECOM			3.89E-03		0.01	
AS4035H1	I-C-AS-4035-H1	ECOM			2.39E-03		0.01	
AS407801	I-C-AS-4078-01	ECOM			8.30E-04		2.41E-03	
AS408101	I-C-AS-4081-01	ECOM			8.30E-04		2.41E-03	
AS420101	I-C-AS-4201-01	ECOM			3.83E-03		0.01	
AS70511	I-C-AS-705-11	ECOM			0.03		0.70	
AS71003	I-C-AS-710-03	ECOM			0.01		0.17	
AS84013	I-C-AS-840-13	ECOM			4.70E-03		0.13	
AS84314	I-C-AS-843-14	ECOM			7.58E-04		0.02	
CG48089	I-C-CG-480-89	ECOM			1.40E-03		0.04	
RR12001	I-C-RR-120-01	ECOM			8.30E-04		2.41E-03	
RR1350	I-C-RR-135-02	ECOM			8.30E-04		2.41E-03	
RR13502	I-C-RR-135-03	ECOM			8.30E-04		2.41E-03	
RR15501	I-C-RR-155-01	ECOM			8.30E-04		2.41E-03	
RR40501	I-C-RR-405-01	ECOM			8.30E-04		2.41E-03	
RR40502	I-C-RR-405-02	ECOM			8.30E-04		2.41E-03	
RR40503	I-C-RR-405-03	ECOM			8.30E-04		2.41E-03	
RR40504	I-C-RR-405-04	ECOM			8.30E-04		2.41E-03	

Marine Corps Base Camp Lejeune [3b]

Jacksonville, North Carolina

Onslow County

Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)
AS4201H1	I-C-RR-4201-H1	ECOM			2.11E-03		0.01	
RR44001	I-C-RR-440-01	ECOM			8.30E-04		2.41E-03	
RR45001	I-C-RR-450-01	ECOM			3.19E-03		0.01	
RR45002	I-C-RR-450-02	ECOM			3.19E-03		0.01	
RR45003	I-C-RR-450-03	ECOM			3.58E-03		0.01	
TC150060	I-C-TC-1500-60	ECOM			0.01		0.19	
AS14301D	I-AS-143-01A	FDSP					78.32	
AS2800D	I-AS-2800-01A	FDSP					4.08	
AS2820D	I-AS-2820-01A	FDSP					28.55	
AS41001D	I-AS-410-01U	FDSP					32.63	
AS41002D	I-AS-410-02U	FDSP					32.63	
AS41003D	I-AS-410-03U	FDSP					32.63	
AS4135D	I-AS-4135-02A	FDSP					8.16	
TC365AD	I-CG-TC365-04A	FDSP					78.32	
RR1504D	I-RR-15-04A	FDSP					8.16	
RR02AD	I-RR-Gasoline-02A	FDSP					8.16	
TC36505D	I-TC-365-05A	FDSP					19.84	
AS390004	I-C-AS-3900-04	FIBR	8,240.39	4,129.33			8,507.76	0.65
AS504	I-C-AS-504-05	FIBR	8,240.39	4,129.33			8,507.76	0.65
AS11006	C-AS-110-06	ICOM					2.86	
SD401301	C-AS-4013-01	ICOM					4.92	
RR13401	C-RR-134-01	ICOM					2.46	
RR301	C-RR-3-01	ICOM					2.95	
RR40005	C-RR-400-05	ICOM					6.15	
RR405	C-RR-405-01	ICOM					7.87	
RR42501	C-RR-425-01	ICOM					6.15	
RR43005	C-RR-430-05	ICOM					2.95	
RR440	C-RR-440-01	ICOM					1.43	
RR47001	C-SRR-470-01	ICOM					1.07	
AS100001	I-C-AS-1000-01	ICOM					0.36	
AS10001	I-C-AS-100-01	ICOM					0.89	
AS100602	I-C-AS-1006-02	ICOM					0.21	
AS11002	I-C-AS-110-02	ICOM					2.86	
AS11005	I-C-AS-110-05	ICOM					2.15	
AS12202	I-C-AS-122-02	ICOM					0.72	
AS14302	I-C-AS-143-02	ICOM					0.18	
AS14401	I-C-AS-144-01	ICOM					0.72	
AS18001	I-C-AS-180-01	ICOM					1.07	
AS1871	I-C-AS-187-01	ICOM					0.43	
AS200802	I-C-AS-2008-02	ICOM					0.21	
AS21102	I-C-AS-211-02	ICOM					0.72	
AS21201	I-C-AS-212-01	ICOM					0.72	
AS22401	I-C-AS-224-01	ICOM					0.97	
AS23802	I-C-AS-238-02	ICOM					0.21	
AS23902	I-C-AS-239-02	ICOM					0.21	
AS300002	I-C-AS-3000-02	ICOM					0.43	
AS30201	I-C-AS-302-01	ICOM					0.72	
AS345001	I-C-AS-3450-01	ICOM					0.43	
AS350304	I-C-AS-3503-04	ICOM					0.24	
AS360101	I-C-AS-3601-01	ICOM					0.43	
AS362603	I-C-AS-3625-03A	ICOM					0.72	
AS401201	I-C-AS-4012-01	ICOM					2.51	
AS404101	I-C-AS-4041-01	ICOM					0.11	
AS405501	I-C-AS-4055-01	ICOM					1.43	

Marine Corps Base Camp Lejeune [3b]
Jacksonville, North Carolina
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Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)
AS408501	I-C-AS-4085-01	ICOM					1.79	
AS411401	I-C-AS-4114-01	ICOM					0.36	
AS414302	I-C-AS-4143-02	ICOM					0.72	
AS414501	I-C-AS-4145-01	ICOM					0.07	
AS414701	I-C-AS-4147-01	ICOM					0.07	
AS415105	I-C-AS-4151-05	ICOM					2.86	
AS419201	I-C-AS-4192-01	ICOM					0.58	
AS420201	I-C-AS-4202-01	ICOM					0.11	
AS42601	I-C-AS-426-01	ICOM					0.14	
AS42801	I-C-AS-428-01	ICOM					1.65	
AS42802	I-C-AS-428-02	ICOM					0.36	
AS42803	I-C-AS-428-03	ICOM					0.36	
AS42902	I-C-AS-429-02	ICOM					0.89	
AS430301	I-C-AS-4303-01	ICOM					0.43	
AS50201	I-C-AS-502-01	ICOM					0.43	
AS50402	I-C-AS-504-02	ICOM					1.07	
AS51809	I-C-AS-518-09	ICOM					0.36	
AS60501	I-C-AS-605-01	ICOM					0.11	
AS60702	I-C-AS-607-02	ICOM					0.43	
AS63001	I-C-AS-630-01	ICOM					1.07	
AS71101	I-C-AS-711-01	ICOM					0.11	
AS80402	I-C-AS-804-02	ICOM					0.39	
AS83901	I-C-AS-839-01	ICOM					0.72	
AS84001	I-C-AS-841-01	ICOM					0.36	
AS8501	I-C-AS-85-01	ICOM					2.46	
AS85801	I-C-AS-858-01	ICOM					0.29	
AS86702	I-C-AS-867-02	ICOM					0.21	
AS90302	I-C-AS-903-02	ICOM					0.43	
AS9601	I-C-AS-96-01	ICOM					2.51	
AS346001	I-C-AS-SAS3460-01	ICOM					0.17	
SAS3526	I-C-AS-SAS3526-01	ICOM					0.21	
SAS85001	I-C-AS-SAS850-01	ICOM					0.21	
SAS88201	I-C-AS-SAS882-01	ICOM					0.17	
AS88901	I-C-AS-SAS889-01	ICOM					0.43	
CG64001	I-C-CG-640-01	ICOM					2.86	
CG65003	I-C-CG-650-03	ICOM					1.43	
CG70101	I-C-CG-701-01	ICOM					0.43	
CG75501	I-C-CG-755-01	ICOM					0.97	
CG77001	I-C-CG-770-01	ICOM					0.14	
DD4301	I-C-DD-43-01	ICOM					0.43	
RR11001	I-C-RR-110-01	ICOM					0.57	
RR1104	I-C-RR-11-04	ICOM					0.72	
RR120A01	I-C-RR-120A-01	ICOM					1.07	
RR13501	I-C-RR-135-01	ICOM					2.46	
RR150001	I-C-RR-150-01	ICOM					1.65	
RR1506	I-C-RR-15-06	ICOM					0.89	
RR21401	I-C-RR-214-01	ICOM					0.29	
TC150001	I-C-TC-1500-01	ICOM					0.72	
TC50103	I-C-TC-501-03	ICOM					0.36	
TC57501	I-C-TC-575-01	ICOM					1.65	
VL10101	I-C-VL-101-01	ICOM					0.47	
VL10202	I-C-VL-102-02	ICOM					0.47	
VL10304	I-C-VL-103-04	ICOM					0.47	
VL10402	I-C-VL-104-02	ICOM					0.57	

Marine Corps Base Camp Lejeune [3b]
Jacksonville, North Carolina
Onslow County

Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)	NICKEL METAL [7440-02-0] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)	TOLUENE [108-88-3] (lb/day)	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)
VL10501	I-C-VL-105-01	ICOM					0.57	
VL16001	I-C-VL-160-01	ICOM					0.57	
FM10202	I-C-VL-STFM102-02	ICOM					0.24	
AS53101	C-AS-531-01	JET			4.42		16.83	
AS13901	C-AS-139-01	RDL					4,038.47	
AS414101	C-AS-4141-01	RDL					4,038.47	
AS415804	C-AS-4158-04	RDL					49.69	
AS49701	C-AS-497-01	RDL					4,038.47	
CGG48001	C-CG-G480-01	RDL					29.91	
AS11601	C-AS-116-01	SURF	7,149.20	5,117.89	0.14	2.06	7,381.16	0.38
AS390001	C-AS-3900-01	SURF	7,149.20	5,117.89	0.01	0.21	7,381.16	0.38
AS390002	C-AS-3900-02	SURF	7,149.20	5,117.89	0.01	0.21	7,381.16	0.38
AS410601	C-AS-4106-01	SURF	7,149.20	5,117.89	0.01	0.21	7,381.16	0.38
AS413501	C-AS-4135-01	SURF	7,149.20	5,117.89	0.14	2.06	7,381.16	0.38
AS414605	C-AS-4146-05	SURF	7,149.20	5,117.89	0.14	2.06	7,381.16	0.38
AS51812	C-AS-518-12	SURF	7,149.20	5,117.89	0.01	0.21	7,381.16	0.38
AS25501	I-C-AS-255-01	SURF	7,149.20	5,117.89	0.14	2.06	7,381.16	0.38
AS50404	I-C-AS-504-04	SURF	7,149.20	5,117.89	0.14	2.06	7,381.16	0.38
AS11402	I-C-AS-114-02	WELD			3.33			
AS12201	I-C-AS-122-01	WELD			3.33			
AS410606	I-C-AS-4106-06	WELD			3.33			
AS413502	I-C-AS-4135-02	WELD			3.33			
AS41461D	I-C-AS-4146-06	WELD			3.33			
AS415801	I-C-AS-4158-01	WELD			3.33			
AS51801	I-C-AS-518-01	WELD			3.33			
RR1102	I-C-RR-11-02	WELD			3.33			
RR43003	I-C-RR-430-03	WELD			3.33			
RR45501	I-C-RR-455-01	WELD			3.33			

Marine Corps Base Camp Lejeune [3b]
Jacksonville, North Carolina
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Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	VINYLIDENE CHLORIDE [75-35-4] (lb/day)	XYLENE [1330-20-7] (lb/day)
AS14301	I-AS-143-01A	AST/UST			19.40
AS280001	I-AS-2800-01A	AST/UST			14.52
AS2820	I-AS-2820-01A	AST/UST			8.65
AS41001U	I-AS-410-01U	AST/UST			3.89
AS41002U	I-AS-410-02U	AST/UST			3.89
AS41003	I-AS-410-03U	AST/UST			3.89
AS4135	I-AS-4135-02A	AST/UST			3.97
TC36504A	I-CG-TC365-04A	AST/UST			26.04
RR1504	I-RR-15-04A	AST/UST			3.01
RR02A	I-RR-Gasoline-02A	AST/UST			3.01
TC36505	I-TC-365-05A	AST/UST			7.68
AS390005	I-C-AS-3900-05	DEGR			86.73
AS410602	I-C-AS-4106-02	DEGR			86.73
AS51802	I-C-AS-518-02	DEGR			86.73
AS415116	C-AS-4151-16	ECOM			
AS415117	C-AS-4151-17A	ECOM			
AS415118	C-AS-4151-18	ECOM			
CG65083	C-CG-650-83B	ECOM			
CG65084	C-CG-650-84B	ECOM			
CG65085	C-CG-650-85	ECOM			
RR1546	C-RR-15-46B	ECOM			
RR1547	C-RR-15-47B	ECOM			
AS406001	I-AS-4060-01	ECOM			
AS406002	I-AS-4060-02	ECOM			
AS51601	I-AS-516-01	ECOM			
AS10002	I-C-AS-100-02	ECOM			
AS100020	I-C-AS-1000-20	ECOM			
AS100021	I-C-AS-1000-H21	ECOM			
AS23601	I-C-AS-236-01	ECOM			
AS280012	I-C-AS-2800-12	ECOM			
AS350208	I-C-AS-3502-08	ECOM			
AS350409	I-C-AS-3504-09	ECOM			
AS352515	I-C-AS-3525-15	ECOM			
AS400001	I-C-AS-4000-01	ECOM			
AS4000H1	I-C-AS-4000-H1	ECOM			
AS401302	I-C-AS-4013-02	ECOM			
AS403501	I-C-AS-4035-01	ECOM			
AS4035H1	I-C-AS-4035-H1	ECOM			
AS407801	I-C-AS-4078-01	ECOM			
AS408101	I-C-AS-4081-01	ECOM			
AS420101	I-C-AS-4201-01	ECOM			
AS70511	I-C-AS-705-11	ECOM			
AS71003	I-C-AS-710-03	ECOM			
AS84013	I-C-AS-840-13	ECOM			
AS84314	I-C-AS-843-14	ECOM			
CG48089	I-C-CG-480-89	ECOM			
RR12001	I-C-RR-120-01	ECOM			
RR1350	I-C-RR-135-02	ECOM			
RR13502	I-C-RR-135-03	ECOM			
RR15501	I-C-RR-155-01	ECOM			
RR40501	I-C-RR-405-01	ECOM			
RR40502	I-C-RR-405-02	ECOM			
RR40503	I-C-RR-405-03	ECOM			
RR40504	I-C-RR-405-04	ECOM			

Marine Corps Base Camp Lejeune [3b]
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Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	VINYLIDENE CHLORIDE [75-35-4] (lb/day)	XYLENE [1330-20-7] (lb/day)
AS4201H1	I-C-RR-4201-H1	ECOM			
RR44001	I-C-RR-440-01	ECOM			
RR45001	I-C-RR-450-01	ECOM			
RR45002	I-C-RR-450-02	ECOM			
RR45003	I-C-RR-450-03	ECOM			
TC150060	I-C-TC-1500-60	ECOM			
AS14301D	I-AS-143-01A	FDSP			47.56
AS2800D	I-AS-2800-01A	FDSP			2.48
AS2820D	I-AS-2820-01A	FDSP			17.34
AS41001D	I-AS-410-01U	FDSP			19.82
AS41002D	I-AS-410-02U	FDSP			19.82
AS41003D	I-AS-410-03U	FDSP			19.82
AS4135D	I-AS-4135-02A	FDSP			4.95
TC365AD	I-CG-TC365-04A	FDSP			47.56
RR1504D	I-RR-15-04A	FDSP			4.95
RR02AD	I-RR-Gasoline-02A	FDSP			4.95
TC36505D	I-TC-365-05A	FDSP			7.93
AS390004	I-C-AS-3900-04	FIBR		1,179.05	3,099.72
AS504	I-C-AS-504-05	FIBR		1,179.05	3,099.72
AS11006	C-AS-110-06	ICOM			1.21
SD401301	C-AS-4013-01	ICOM			2.05
RR13401	C-RR-134-01	ICOM			1.03
RR301	C-RR-3-01	ICOM			1.23
RR40005	C-RR-400-05	ICOM			2.56
RR405	C-RR-405-01	ICOM			3.28
RR42501	C-RR-425-01	ICOM			2.56
RR43005	C-RR-430-05	ICOM			1.23
RR440	C-RR-440-01	ICOM			0.61
RR47001	C-SRR-470-01	ICOM			0.45
AS100001	I-C-AS-1000-01	ICOM			0.15
AS10001	I-C-AS-100-01	ICOM			0.38
AS100602	I-C-AS-1006-02	ICOM			0.09
AS11002	I-C-AS-110-02	ICOM			1.21
AS11005	I-C-AS-110-05	ICOM			0.91
AS12202	I-C-AS-122-02	ICOM			0.30
AS14302	I-C-AS-143-02	ICOM			0.08
AS14401	I-C-AS-144-01	ICOM			0.30
AS18001	I-C-AS-180-01	ICOM			0.45
AS1871	I-C-AS-187-01	ICOM			0.18
AS200802	I-C-AS-2008-02	ICOM			0.09
AS21102	I-C-AS-211-02	ICOM			0.30
AS21201	I-C-AS-212-01	ICOM			0.30
AS22401	I-C-AS-224-01	ICOM			0.41
AS23802	I-C-AS-238-02	ICOM			0.09
AS23902	I-C-AS-239-02	ICOM			0.09
AS300002	I-C-AS-3000-02	ICOM			0.18
AS30201	I-C-AS-302-01	ICOM			0.30
AS345001	I-C-AS-3450-01	ICOM			0.18
AS350304	I-C-AS-3503-04	ICOM			0.10
AS360101	I-C-AS-3601-01	ICOM			0.18
AS362603	I-C-AS-3625-03A	ICOM			0.30
AS401201	I-C-AS-4012-01	ICOM			1.06
AS404101	I-C-AS-4041-01	ICOM			0.05
AS405501	I-C-AS-4055-01	ICOM			0.61

Marine Corps Base Camp Lejeune [3b]
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Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	VINYLIDENE CHLORIDE [75-35-4] (lb/day)	XYLENE [1330-20-7] (lb/day)
AS408501	I-C-AS-4085-01	ICOM			0.76
AS411401	I-C-AS-4114-01	ICOM			0.15
AS414302	I-C-AS-4143-02	ICOM			0.30
AS414501	I-C-AS-4145-01	ICOM			0.03
AS414701	I-C-AS-4147-01	ICOM			0.03
AS415105	I-C-AS-4151-05	ICOM			1.21
AS419201	I-C-AS-4192-01	ICOM			0.25
AS420201	I-C-AS-4202-01	ICOM			0.05
AS42601	I-C-AS-426-01	ICOM			0.06
AS42801	I-C-AS-428-01	ICOM			0.70
AS42802	I-C-AS-428-02	ICOM			0.15
AS42803	I-C-AS-428-03	ICOM			0.15
AS42902	I-C-AS-429-02	ICOM			0.38
AS430301	I-C-AS-4303-01	ICOM			0.18
AS50201	I-C-AS-502-01	ICOM			0.18
AS50402	I-C-AS-504-02	ICOM			0.45
AS51809	I-C-AS-518-09	ICOM			0.15
AS60501	I-C-AS-605-01	ICOM			0.05
AS60702	I-C-AS-607-02	ICOM			0.18
AS63001	I-C-AS-630-01	ICOM			0.45
AS71101	I-C-AS-711-01	ICOM			0.05
AS80402	I-C-AS-804-02	ICOM			0.17
AS83901	I-C-AS-839-01	ICOM			0.30
AS84001	I-C-AS-841-01	ICOM			0.15
AS8501	I-C-AS-85-01	ICOM			1.03
AS85801	I-C-AS-858-01	ICOM			0.12
AS86702	I-C-AS-867-02	ICOM			0.09
AS90302	I-C-AS-903-02	ICOM			0.18
AS9601	I-C-AS-96-01	ICOM			1.06
AS346001	I-C-AS-SAS3460-01	ICOM			0.07
SAS3526	I-C-AS-SAS3526-01	ICOM			0.09
SAS85001	I-C-AS-SAS850-01	ICOM			0.09
SAS88201	I-C-AS-SAS882-01	ICOM			0.07
AS88901	I-C-AS-SAS889-01	ICOM			0.18
CG64001	I-C-CG-640-01	ICOM			1.21
CG65003	I-C-CG-650-03	ICOM			0.61
CG70101	I-C-CG-701-01	ICOM			0.18
CG75501	I-C-CG-755-01	ICOM			0.41
CG77001	I-C-CG-770-01	ICOM			0.06
DD4301	I-C-DD-43-01	ICOM			0.18
RR11001	I-C-RR-110-01	ICOM			0.24
RR1104	I-C-RR-11-04	ICOM			0.30
RR120A01	I-C-RR-120A-01	ICOM			0.45
RR13501	I-C-RR-135-01	ICOM			1.03
RR150001	I-C-RR-150-01	ICOM			0.70
RR1506	I-C-RR-15-06	ICOM			0.38
RR21401	I-C-RR-214-01	ICOM			0.12
TC150001	I-C-TC-1500-01	ICOM			0.30
TC50103	I-C-TC-501-03	ICOM			0.15
TC57501	I-C-TC-575-01	ICOM			0.70
VL10101	I-C-VL-101-01	ICOM			0.20
VL10202	I-C-VL-102-02	ICOM			0.20
VL10304	I-C-VL-103-04	ICOM			0.20
VL10402	I-C-VL-104-02	ICOM			0.24

Marine Corps Base Camp Lejeune [3b]
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Zone C: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	VINYLIDENE CHLORIDE [75-35-4] (lb/day)	XYLENE [1330-20-7] (lb/day)
VL10501	I-C-VL-105-01	ICOM			0.24
VL16001	I-C-VL-160-01	ICOM			0.24
FM10202	I-C-VL-STFM102-02	ICOM			0.10
AS53101	C-AS-531-01	JET			
AS13901	C-AS-139-01	RDL			2,443.48
AS414101	C-AS-4141-01	RDL			2,443.48
AS415804	C-AS-4158-04	RDL			69.40
AS49701	C-AS-497-01	RDL			2,443.48
CGG48001	C-CG-G480-01	RDL			134.71
AS11601	C-AS-116-01	SURF	0.45		4,482.09
AS390001	C-AS-3900-01	SURF	0.45		4,482.09
AS390002	C-AS-3900-02	SURF	0.45		4,482.09
AS410601	C-AS-4106-01	SURF	0.45		4,482.09
AS413501	C-AS-4135-01	SURF	0.45		4,482.09
AS414605	C-AS-4146-05	SURF	0.45		4,482.09
AS51812	C-AS-518-12	SURF	0.45		4,482.09
AS25501	I-C-AS-255-01	SURF	0.45		4,482.09
AS50404	I-C-AS-504-04	SURF	0.45		4,482.09
AS11402	I-C-AS-114-02	WELD			
AS12201	I-C-AS-122-01	WELD			
AS410606	I-C-AS-4106-06	WELD			
AS413502	I-C-AS-4135-02	WELD			
AS41461D	I-C-AS-4146-06	WELD			
AS415801	I-C-AS-4158-01	WELD			
AS51801	I-C-AS-518-01	WELD			
RR1102	I-C-RR-11-02	WELD			
RR43003	I-C-RR-430-03	WELD			
RR45501	I-C-RR-455-01	WELD			

Marine Corps Base Camp Lejeune [3c]
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Zone C: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	1,3-BUTADIENE [106-99-0] (lb/year)	CADMIUM [7440-43-9] (lb/year)
AS14301	I-AS-143-01A	AST/UST		139.42				
AS280001	I-AS-2800-01A	AST/UST		106.50				
AS2820	I-AS-2820-01A	AST/UST		45.23				
AS41001U	I-AS-410-01U	AST/UST		374.97				
AS41002U	I-AS-410-02U	AST/UST		374.97				
AS41003	I-AS-410-03U	AST/UST		374.97				
AS4135	I-AS-4135-02A	AST/UST		24.03				
TC36504A	I-CG-TC365-04A	AST/UST		140.67				
RR1504	I-RR-15-04A	AST/UST		16.87				
RR02A	I-RR-Gasoline-02A	AST/UST		16.87				
TC36505	I-TC-365-05A	AST/UST		40.09				
AS390005	I-C-AS-3900-05	DEGR						
AS410602	I-C-AS-4106-02	DEGR						
AS51802	I-C-AS-518-02	DEGR						
AS415116	C-AS-4151-16	ECOM	1.89	1.45	50.11			63.84
AS415117	C-AS-4151-17A	ECOM	1.89	1.45	50.11			63.84
AS415118	C-AS-4151-18	ECOM	1.89	1.45	50.11			63.84
CG65083	C-CG-650-83B	ECOM	1.97	1.51	52.20			66.50
CG65084	C-CG-650-84B	ECOM	1.97	1.51	52.20			66.50
CG65085	C-CG-650-85	ECOM	1.24	0.95	32.99			42.03
RR1546	C-RR-15-46B	ECOM	0.41	0.24	10.96			13.96
RR1547	C-RR-15-47B	ECOM	0.41	0.24	10.96			13.96
AS406001	I-AS-4060-01	ECOM	4.14E-03	0.07	0.01			1.03
AS406002	I-AS-4060-02	ECOM	4.14E-03	0.07	0.01			1.03
AS51601	I-AS-516-01	ECOM	7.49E-04	0.01	1.59E-03			0.19
AS10002	I-C-AS-100-02	ECOM	3.50E-03	0.06	0.01			0.87
AS100020	I-C-AS-1000-20	ECOM	0.02	0.01	0.54			0.69
AS100021	I-C-AS-1000-H21	ECOM	0.02	0.01	0.42			0.53
AS23601	I-C-AS-236-01	ECOM	2.16E-03	0.03	4.58E-03			0.53
AS280012	I-C-AS-2800-12	ECOM	0.02	0.01	0.47			0.60
AS350208	I-C-AS-3502-08	ECOM	0.02	0.01	0.61			0.78
AS350409	I-C-AS-3504-09	ECOM	0.02	0.01	0.41			0.52
AS352515	I-C-AS-3525-15	ECOM	0.02	0.01	0.55			0.70
AS400001	I-C-AS-4000-01	ECOM	3.97E-03	0.06	0.01			0.98
AS4000H1	I-C-AS-4000-H1	ECOM	1.39E-03	0.02	2.96E-03			0.35
AS401302	I-C-AS-4013-02	ECOM	7.68E-04	0.01	1.63E-03			0.19
AS403501	I-C-AS-4035-01	ECOM	3.50E-03	0.06	0.01			0.87
AS4035H1	I-C-AS-4035-H1	ECOM	2.16E-03	0.03	4.58E-03			0.53
AS407801	I-C-AS-4078-01	ECOM	7.49E-04	0.01	1.59E-03			0.19
AS408101	I-C-AS-4081-01	ECOM	7.49E-04	0.01	1.59E-03			0.19
AS420101	I-C-AS-4201-01	ECOM	3.46E-03	0.05	0.01			0.86
AS70511	I-C-AS-705-11	ECOM	0.33	0.19	8.74			11.13
AS71003	I-C-AS-710-03	ECOM	0.08	0.05	2.14			2.73
AS84013	I-C-AS-840-13	ECOM	0.06	0.03	1.57			2.00
AS84314	I-C-AS-843-14	ECOM	0.01	0.01	0.25			0.32
CG48089	I-C-CG-480-89	ECOM	0.02	0.01	0.47			0.60
RR12001	I-C-RR-120-01	ECOM	7.49E-04	0.01	1.59E-03			0.19
RR1350	I-C-RR-135-02	ECOM	7.49E-04	0.01	1.59E-03			0.19
RR13502	I-C-RR-135-03	ECOM	7.49E-04	0.01	1.59E-03			0.19
RR15501	I-C-RR-155-01	ECOM	7.49E-04	0.01	1.59E-03			0.19
RR40501	I-C-RR-405-01	ECOM	7.49E-04	0.01	1.59E-03			0.19
RR40502	I-C-RR-405-02	ECOM	7.49E-04	0.01	1.59E-03			0.19
RR40503	I-C-RR-405-03	ECOM	7.49E-04	0.01	1.59E-03			0.19
RR40504	I-C-RR-405-04	ECOM	7.49E-04	0.01	1.59E-03			0.19
AS4201H1	I-C-RR-4201-H1	ECOM	1.90E-03	0.03	4.03E-03			0.47
RR44001	I-C-RR-440-01	ECOM	7.49E-04	0.01	1.59E-03			0.19

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App A

Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	1,3-BUTADIENE [106-99-0] (lb/year)	CADMIUM [7440-43-9] (lb/year)
RR45001	I-C-RR-450-01	ECOM	2.88E-03	0.05	0.01			0.71
RR45002	I-C-RR-450-02	ECOM	2.88E-03	0.05	0.01			0.71
RR45003	I-C-RR-450-03	ECOM	3.23E-03	0.05	0.01			0.80
TC150060	I-C-TC-1500-60	ECOM	0.09	0.05	2.40			3.06
AS14301D	I-AS-143-01A	FDSP		30.82				
AS2800D	I-AS-2800-01A	FDSP		0.51				
AS2820D	I-AS-2820-01A	FDSP		3.59				
AS41001D	I-AS-410-01U	FDSP		172.64				
AS41002D	I-AS-410-02U	FDSP		172.64				
AS41003D	I-AS-410-03U	FDSP		172.64				
AS4135D	I-AS-4135-02A	FDSP		1.03				
TC365AD	I-CG-TC365-04A	FDSP		10.25				
RR1504D	I-RR-15-04A	FDSP		1.03				
RR02AD	I-RR-Gasoline-02A	FDSP		1.03				
TC36505D	I-TC-365-05A	FDSP		3.08				
AS390004	I-C-AS-3900-04	FIBR		4.61			31,106.96	
AS504	I-C-AS-504-05	FIBR		4.61			31,106.96	
AS11006	C-AS-110-06	ICOM		2.95			0.83	
SD401301	C-AS-4013-01	ICOM		6.13				
RR13401	C-RR-134-01	ICOM		3.06				
RR301	C-RR-3-01	ICOM		3.68				
RR40005	C-RR-400-05	ICOM		7.66				
RR405	C-RR-405-01	ICOM		9.81				
RR42501	C-RR-425-01	ICOM		7.66				
RR43005	C-RR-430-05	ICOM		3.68				
RR440	C-RR-440-01	ICOM		1.47			0.42	
RR47001	C-SRR-470-01	ICOM		1.11			0.31	
AS100001	I-C-AS-1000-01	ICOM		0.37			0.10	
AS10001	I-C-AS-100-01	ICOM		0.92			0.26	
AS100602	I-C-AS-1006-02	ICOM		0.22			0.06	
AS11002	I-C-AS-110-02	ICOM		2.95			0.83	
AS11005	I-C-AS-110-05	ICOM		2.21			0.63	
AS12202	I-C-AS-122-02	ICOM		0.74			0.21	
AS14302	I-C-AS-143-02	ICOM		0.18			0.05	
AS14401	I-C-AS-144-01	ICOM		0.74			0.21	
AS18001	I-C-AS-180-01	ICOM		1.11			0.31	
AS1871	I-C-AS-187-01	ICOM		0.44			0.13	
AS200802	I-C-AS-2008-02	ICOM		0.22			0.06	
AS21102	I-C-AS-211-02	ICOM		0.74			0.21	
AS21201	I-C-AS-212-01	ICOM		0.74			0.21	
AS22401	I-C-AS-224-01	ICOM		0.99			0.28	
AS23802	I-C-AS-238-02	ICOM		0.22			0.06	
AS23902	I-C-AS-239-02	ICOM		0.22			0.06	
AS300002	I-C-AS-3000-02	ICOM		0.44			0.13	
AS30201	I-C-AS-302-01	ICOM		0.74			0.21	
AS345001	I-C-AS-3450-01	ICOM		0.44			0.13	
AS350304	I-C-AS-3503-04	ICOM		0.24			0.07	
AS360101	I-C-AS-3601-01	ICOM		0.44			0.13	
AS362603	I-C-AS-3625-03A	ICOM		0.74			0.21	
AS401201	I-C-AS-4012-01	ICOM		2.58			0.73	
AS404101	I-C-AS-4041-01	ICOM		0.11			0.03	
AS405501	I-C-AS-4055-01	ICOM		1.47			0.42	
AS408501	I-C-AS-4085-01	ICOM		1.84			0.52	
AS411401	I-C-AS-4114-01	ICOM		0.37			0.10	
AS414302	I-C-AS-4143-02	ICOM		0.74			0.21	
AS414501	I-C-AS-4145-01	ICOM		0.07			0.02	

Marine Corps Base Camp Lejeune [3c]
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App A

Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	1,3-BUTADIENE [106-99-0] (lb/year)	CADMIUM [7440-43-9] (lb/year)
AS414701	I-C-AS-4147-01	ICOM		0.07			0.02	
AS415105	I-C-AS-4151-05	ICOM		2.95			0.83	
AS419201	I-C-AS-4192-01	ICOM		0.60			0.17	
AS420201	I-C-AS-4202-01	ICOM		0.11			0.03	
AS42601	I-C-AS-426-01	ICOM		0.15			0.04	
AS42801	I-C-AS-428-01	ICOM		1.69			0.48	
AS42802	I-C-AS-428-02	ICOM		0.37			0.10	
AS42803	I-C-AS-428-03	ICOM		0.37			0.10	
AS42902	I-C-AS-429-02	ICOM		0.92			0.26	
AS430301	I-C-AS-4303-01	ICOM		0.44			0.13	
AS50201	I-C-AS-502-01	ICOM		0.44			0.13	
AS50402	I-C-AS-504-02	ICOM		1.11			0.31	
AS51809	I-C-AS-518-09	ICOM		0.37			0.10	
AS60501	I-C-AS-605-01	ICOM		0.11			0.03	
AS60702	I-C-AS-607-02	ICOM		0.44			0.13	
AS63001	I-C-AS-630-01	ICOM		1.11			0.31	
AS71101	I-C-AS-711-01	ICOM		0.11			0.03	
AS80402	I-C-AS-804-02	ICOM		0.41			0.11	
AS83901	I-C-AS-839-01	ICOM		0.74			0.21	
AS84001	I-C-AS-841-01	ICOM		0.37			0.10	
AS8501	I-C-AS-85-01	ICOM		3.06				
AS85801	I-C-AS-858-01	ICOM		0.29			0.08	
AS86702	I-C-AS-867-02	ICOM		0.22			0.06	
AS90302	I-C-AS-903-02	ICOM		0.44			0.13	
AS9601	I-C-AS-96-01	ICOM		2.58			0.73	
AS346001	I-C-AS-SAS3460-01	ICOM		0.17			0.05	
SAS3526	I-C-AS-SAS3526-01	ICOM		0.22			0.06	
SAS85001	I-C-AS-SAS850-01	ICOM		0.22			0.06	
SAS88201	I-C-AS-SAS882-01	ICOM		0.17			0.05	
AS88901	I-C-AS-SAS889-01	ICOM		0.44			0.13	
CG64001	I-C-CG-640-01	ICOM		2.95			0.83	
CG65003	I-C-CG-650-03	ICOM		1.47			0.42	
CG70101	I-C-CG-701-01	ICOM		0.44			0.13	
CG75501	I-C-CG-755-01	ICOM		0.99			0.28	
CG77001	I-C-CG-770-01	ICOM		0.15			0.04	
DD4301	I-C-DD-43-01	ICOM		0.44			0.13	
RR11001	I-C-RR-110-01	ICOM		0.59			0.17	
RR1104	I-C-RR-11-04	ICOM		0.74			0.21	
RR120A01	I-C-RR-120A-01	ICOM		1.11			0.31	
RR13501	I-C-RR-135-01	ICOM		3.06				
RR150001	I-C-RR-150-01	ICOM		1.69			0.48	
RR1506	I-C-RR-15-06	ICOM		0.92			0.26	
RR21401	I-C-RR-214-01	ICOM		0.29			0.08	
TC150001	I-C-TC-1500-01	ICOM		0.74			0.21	
TC50103	I-C-TC-501-03	ICOM		0.37			0.10	
TC57501	I-C-TC-575-01	ICOM		1.69			0.48	
VL10101	I-C-VL-101-01	ICOM		0.48			0.14	
VL10202	I-C-VL-102-02	ICOM		0.48			0.14	
VL10304	I-C-VL-103-04	ICOM		0.48			0.14	
VL10402	I-C-VL-104-02	ICOM		0.59			0.17	
VL10501	I-C-VL-105-01	ICOM		0.59			0.17	
VL16001	I-C-VL-160-01	ICOM		0.59			0.17	
FM10202	I-C-VL-STFM102-02	ICOM		0.24			0.07	
AS53101	C-AS-531-01	JET	18.54	19.96			123.06	77.36
AS13901	C-AS-139-01	RDL		504.83				
AS414101	C-AS-4141-01	RDL		1,009.66				

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Zone C: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	ARSENIC AND INORGANIC ARSENIC COMPOUNDS [ASC] (lb/year)	BENZENE [71-43-2] (lb/year)	BERYLLIUM [7440-41-7] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	1,3-BUTADIENE [106-99-0] (lb/year)	CADMIUM [7440-43-9] (lb/year)
AS415804	C-AS-4158-04	RDL		504.83				
AS49701	C-AS-497-01	RDL		1,009.66				
CGG48001	C-CG-G480-01	RDL		504.59				
AS11601	C-AS-116-01	SURF		168.28		1.13		
AS390001	C-AS-3900-01	SURF		168.28		1.29		
AS390002	C-AS-3900-02	SURF		168.28		1.26		
AS410601	C-AS-4106-01	SURF		168.28		1.26		
AS413501	C-AS-4135-01	SURF		168.28		1.13		
AS414605	C-AS-4146-05	SURF		168.28		1.13		
AS51812	C-AS-518-12	SURF		168.28		0.11		
AS25501	I-C-AS-255-01	SURF		168.28		1.13		
AS50404	I-C-AS-504-04	SURF		168.28		1.13		
AS11402	I-C-AS-114-02	WELD						
AS12201	I-C-AS-122-01	WELD						
AS410606	I-C-AS-4106-06	WELD						
AS413502	I-C-AS-4135-02	WELD						
AS41461D	I-C-AS-4146-06	WELD						
AS415801	I-C-AS-4158-01	WELD						
AS51801	I-C-AS-518-01	WELD						
RR1102	I-C-RR-11-02	WELD						
RR43003	I-C-RR-430-03	WELD						
RR45501	I-C-RR-455-01	WELD						

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Model ID	Permit ID	Source Type	METHYLENE CHLORIDE [75-09-2] (lb/year)	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)	PERCHLOROETHYLENE [127-18-4] (lb/year)	TRICHLOROETHYLENE [79-01-6] (lb/year)
AS14301	I-AS-143-01A	AST/UST				
AS280001	I-AS-2800-01A	AST/UST				
AS2820	I-AS-2820-01A	AST/UST				
AS41001U	I-AS-410-01U	AST/UST				
AS41002U	I-AS-410-02U	AST/UST				
AS41003	I-AS-410-03U	AST/UST				
AS4135	I-AS-4135-02A	AST/UST				
TC36504A	I-CG-TC365-04A	AST/UST				
RR1504	I-RR-15-04A	AST/UST				
RR02A	I-RR-Gasoline-02A	AST/UST				
TC36505	I-TC-365-05A	AST/UST				
AS390005	I-C-AS-3900-05	DEGR	3,576.19		14,609.49	
AS410602	I-C-AS-4106-02	DEGR	3,576.19		14,609.49	
AS51802	I-C-AS-518-02	DEGR	3,576.19		14,609.49	
AS415116	C-AS-4151-16	ECOM				
AS415117	C-AS-4151-17A	ECOM				
AS415118	C-AS-4151-18	ECOM				
CG65083	C-CG-650-83B	ECOM				
CG65084	C-CG-650-84B	ECOM				
CG65085	C-CG-650-85	ECOM				
RR1546	C-RR-15-46B	ECOM				
RR1547	C-RR-15-47B	ECOM				
AS406001	I-AS-4060-01	ECOM				
AS406002	I-AS-4060-02	ECOM				
AS51601	I-AS-516-01	ECOM				
AS10002	I-C-AS-100-02	ECOM				
AS100020	I-C-AS-1000-20	ECOM				
AS100021	I-C-AS-1000-H21	ECOM				
AS23601	I-C-AS-236-01	ECOM				
AS280012	I-C-AS-2800-12	ECOM				
AS350208	I-C-AS-3502-08	ECOM				
AS350409	I-C-AS-3504-09	ECOM				
AS352515	I-C-AS-3525-15	ECOM				
AS400001	I-C-AS-4000-01	ECOM				
AS4000H1	I-C-AS-4000-H1	ECOM				
AS401302	I-C-AS-4013-02	ECOM				
AS403501	I-C-AS-4035-01	ECOM				
AS4035H1	I-C-AS-4035-H1	ECOM				
AS407801	I-C-AS-4078-01	ECOM				
AS408101	I-C-AS-4081-01	ECOM				
AS420101	I-C-AS-4201-01	ECOM				
AS70511	I-C-AS-705-11	ECOM				
AS71003	I-C-AS-710-03	ECOM				
AS84013	I-C-AS-840-13	ECOM				
AS84314	I-C-AS-843-14	ECOM				
CG48089	I-C-CG-480-89	ECOM				
RR12001	I-C-RR-120-01	ECOM				
RR1350	I-C-RR-135-02	ECOM				
RR13502	I-C-RR-135-03	ECOM				
RR15501	I-C-RR-155-01	ECOM				
RR40501	I-C-RR-405-01	ECOM				
RR40502	I-C-RR-405-02	ECOM				
RR40503	I-C-RR-405-03	ECOM				
RR40504	I-C-RR-405-04	ECOM				
AS4201H1	I-C-RR-4201-H1	ECOM				
RR44001	I-C-RR-440-01	ECOM				

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Model ID	Permit ID	Source Type	METHYLENE CHLORIDE [75-09-2] (lb/year)	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)	PERCHLOROETHYLENE [127-18-4] (lb/year)	TRICHLOROETHYLENE [79-01-6] (lb/year)
RR45001	I-C-RR-450-01	ECOM				
RR45002	I-C-RR-450-02	ECOM				
RR45003	I-C-RR-450-03	ECOM				
TC150060	I-C-TC-1500-60	ECOM				
AS14301D	I-AS-143-01A	FDSP				
AS2800D	I-AS-2800-01A	FDSP				
AS2820D	I-AS-2820-01A	FDSP				
AS41001D	I-AS-410-01U	FDSP				
AS41002D	I-AS-410-02U	FDSP				
AS41003D	I-AS-410-03U	FDSP				
AS4135D	I-AS-4135-02A	FDSP				
TC365AD	I-CG-TC365-04A	FDSP				
RR1504D	I-RR-15-04A	FDSP				
RR02AD	I-RR-Gasoline-02A	FDSP				
TC36505D	I-TC-365-05A	FDSP				
AS390004	I-C-AS-3900-04	FIBR	199,327.09		2,035,732.33	4,182,098.08
AS504	I-C-AS-504-05	FIBR	199,327.09		2,035,732.33	4,182,098.08
AS11006	C-AS-110-06	ICOM				
SD401301	C-AS-4013-01	ICOM				
RR13401	C-RR-134-01	ICOM				
RR301	C-RR-3-01	ICOM				
RR40005	C-RR-400-05	ICOM				
RR405	C-RR-405-01	ICOM				
RR42501	C-RR-425-01	ICOM				
RR43005	C-RR-430-05	ICOM				
RR440	C-RR-440-01	ICOM				
RR47001	C-SRR-470-01	ICOM				
AS100001	I-C-AS-1000-01	ICOM				
AS10001	I-C-AS-100-01	ICOM				
AS100602	I-C-AS-1006-02	ICOM				
AS11002	I-C-AS-110-02	ICOM				
AS11005	I-C-AS-110-05	ICOM				
AS12202	I-C-AS-122-02	ICOM				
AS14302	I-C-AS-143-02	ICOM				
AS14401	I-C-AS-144-01	ICOM				
AS18001	I-C-AS-180-01	ICOM				
AS1871	I-C-AS-187-01	ICOM				
AS200802	I-C-AS-2008-02	ICOM				
AS21102	I-C-AS-211-02	ICOM				
AS21201	I-C-AS-212-01	ICOM				
AS22401	I-C-AS-224-01	ICOM				
AS23802	I-C-AS-238-02	ICOM				
AS23902	I-C-AS-239-02	ICOM				
AS300002	I-C-AS-3000-02	ICOM				
AS30201	I-C-AS-302-01	ICOM				
AS345001	I-C-AS-3450-01	ICOM				
AS350304	I-C-AS-3503-04	ICOM				
AS360101	I-C-AS-3601-01	ICOM				
AS362603	I-C-AS-3625-03A	ICOM				
AS401201	I-C-AS-4012-01	ICOM				
AS404101	I-C-AS-4041-01	ICOM				
AS405501	I-C-AS-4055-01	ICOM				
AS408501	I-C-AS-4085-01	ICOM				
AS411401	I-C-AS-4114-01	ICOM				
AS414302	I-C-AS-4143-02	ICOM				
AS414501	I-C-AS-4145-01	ICOM				

Zone C: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	METHYLENE CHLORIDE [75-09-2] (lb/year)	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)	PERCHLOROETHYLENE [127-18-4] (lb/year)	TRICHLOROETHYLENE [79-01-6] (lb/year)
AS414701	I-C-AS-4147-01	ICOM				
AS415105	I-C-AS-4151-05	ICOM				
AS419201	I-C-AS-4192-01	ICOM				
AS420201	I-C-AS-4202-01	ICOM				
AS42601	I-C-AS-426-01	ICOM				
AS42801	I-C-AS-428-01	ICOM				
AS42802	I-C-AS-428-02	ICOM				
AS42803	I-C-AS-428-03	ICOM				
AS42902	I-C-AS-429-02	ICOM				
AS430301	I-C-AS-4303-01	ICOM				
AS50201	I-C-AS-502-01	ICOM				
AS50402	I-C-AS-504-02	ICOM				
AS51809	I-C-AS-518-09	ICOM				
AS60501	I-C-AS-605-01	ICOM				
AS60702	I-C-AS-607-02	ICOM				
AS63001	I-C-AS-630-01	ICOM				
AS71101	I-C-AS-711-01	ICOM				
AS80402	I-C-AS-804-02	ICOM				
AS83901	I-C-AS-839-01	ICOM				
AS84001	I-C-AS-841-01	ICOM				
AS8501	I-C-AS-85-01	ICOM				
AS85801	I-C-AS-858-01	ICOM				
AS86702	I-C-AS-867-02	ICOM				
AS90302	I-C-AS-903-02	ICOM				
AS9601	I-C-AS-96-01	ICOM				
AS346001	I-C-AS-SAS3460-01	ICOM				
SAS3526	I-C-AS-SAS3526-01	ICOM				
SAS85001	I-C-AS-SAS850-01	ICOM				
SAS88201	I-C-AS-SAS882-01	ICOM				
AS88901	I-C-AS-SAS889-01	ICOM				
CG64001	I-C-CG-640-01	ICOM				
CG65003	I-C-CG-650-03	ICOM				
CG70101	I-C-CG-701-01	ICOM				
CG75501	I-C-CG-755-01	ICOM				
CG77001	I-C-CG-770-01	ICOM				
DD4301	I-C-DD-43-01	ICOM				
RR11001	I-C-RR-110-01	ICOM				
RR1104	I-C-RR-11-04	ICOM				
RR120A01	I-C-RR-120A-01	ICOM				
RR13501	I-C-RR-135-01	ICOM				
RR150001	I-C-RR-150-01	ICOM				
RR1506	I-C-RR-15-06	ICOM				
RR21401	I-C-RR-214-01	ICOM				
TC150001	I-C-TC-1500-01	ICOM				
TC50103	I-C-TC-501-03	ICOM				
TC57501	I-C-TC-575-01	ICOM				
VL10101	I-C-VL-101-01	ICOM				
VL10202	I-C-VL-102-02	ICOM				
VL10304	I-C-VL-103-04	ICOM				
VL10402	I-C-VL-104-02	ICOM				
VL10501	I-C-VL-105-01	ICOM				
VL16001	I-C-VL-160-01	ICOM				
FM10202	I-C-VL-STFM102-02	ICOM				
AS53101	C-AS-531-01	JET				
AS13901	C-AS-139-01	RDL				
AS414101	C-AS-4141-01	RDL				

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Zone C: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	METHYLENE CHLORIDE [75-09-2] (lb/year)	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)	PERCHLOROETHYLENE [127-18-4] (lb/year)	TRICHLOROETHYLENE [79-01-6] (lb/year)
AS415804	C-AS-4158-04	RDL				
AS49701	C-AS-497-01	RDL				
CGG48001	C-CG-G480-01	RDL				
AS11601	C-AS-116-01	SURF	276,691.49	0.82	2,119,392.57	
AS390001	C-AS-3900-01	SURF	276,691.49	0.47	2,119,392.57	
AS390002	C-AS-3900-02	SURF	276,691.49	0.46	2,119,392.57	
AS410601	C-AS-4106-01	SURF	276,691.49	0.08	2,119,392.57	
AS413501	C-AS-4135-01	SURF	276,691.49	0.82	2,119,392.57	
AS414605	C-AS-4146-05	SURF	276,691.49	0.82	2,119,392.57	
AS51812	C-AS-518-12	SURF	276,691.49	0.08	2,119,392.57	
AS25501	I-C-AS-255-01	SURF	276,691.49	0.82	2,119,392.57	
AS50404	I-C-AS-504-04	SURF	276,691.49	0.82	2,119,392.57	
AS11402	I-C-AS-114-02	WELD		0.09		
AS12201	I-C-AS-122-01	WELD		0.09		
AS410606	I-C-AS-4106-06	WELD		1.85		
AS413502	I-C-AS-4135-02	WELD		0.09		
AS41461D	I-C-AS-4146-06	WELD		0.09		
AS415801	I-C-AS-4158-01	WELD		0.93		
AS51801	I-C-AS-518-01	WELD		0.09		
RR1102	I-C-RR-11-02	WELD		0.93		
RR43003	I-C-RR-430-03	WELD		0.09		
RR45501	I-C-RR-455-01	WELD		0.09		

Section [4] – Requested Permit Rates for Zone D

Marine Corps Base Camp Lejeune [4a]

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Zone D: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	ACETIC ACID [64-19-7] (lb/hr)	AMMONIA [7664-41-7] (lb/hr)	FORMALDEHYDE [50-00-0] (lb/hr)	HYDROGEN FLUORIDE [7664-39-3] (lb/hr)	METHYLENE CHLORIDE [75-09-2] (lb/hr)	METHYL ETHYL KETONE [78-93-3] (lb/hr)
SR4101	I-D-SR-41-01	ICOM			0.02			
SR4602	I-D-SR-46-02	ICOM			0.12			
SR6001	I-D-SR-60-01	ICOM			0.19			
SR7201	I-D-SR-72-01	ICOM			0.03			
SR4601	I-D-SR-46-01	SURF	84.08	61.35	2.76	5.68	38.63	2,010.99

Marine Corps Base Camp Lejeune [4a]
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Zone D: Requested Hourly Limits

App A

Model ID	Permit ID	Source Type	METHYL ISOBUTYL KETONE [108-10-1] (lb/hr)	PHENOL [108-95-2] (lb/hr)	STYRENE [100-42-5] (lb/hr)	TOLUENE [108-88-3] (lb/hr)	XYLENE [1330-20-7] (lb/hr)
SR4101	I-D-SR-41-01	ICOM				3.43E-03	2.77E-03
SR4602	I-D-SR-46-02	ICOM				0.03	0.02
SR6001	I-D-SR-60-01	ICOM				0.04	0.03
SR7201	I-D-SR-72-01	ICOM				0.01	0.01
SR4601	I-D-SR-46-01	SURF	681.69	21.59	240.86	1,272.48	1,476.98

Marine Corps Base Camp Lejeune [4b]

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Onslow County

Zone D: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	DI(2-ETHYLHEXYL)PHTHALATE [117-81-7] (lb/day)	HYDROGEN FLUORIDE [7664-39-3] (lb/day)	MANGANESE AND COMPOUNDS [MNC] (lb/day)	METHYL ETHYL KETONE [78-93-3] (lb/day)	METHYL ISOBUTYL KETONE [108-10-1] (lb/day)	SOLUBLE CHROMATE COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [SolCR6] (lb/day)
SR4101	I-D-SR-41-01	ICOM						
SR4602	I-D-SR-46-02	ICOM						
SR6001	I-D-SR-60-01	ICOM						
SR7201	I-D-SR-72-01	ICOM						
SR4601	I-D-SR-46-01	SURF	612.31	612.32	9.34	75,518.32	52,250.51	12.68
SR5401	I-D-SR-54-01	WELD			290.69			

Marine Corps Base Camp Lejeune [4b]
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Zone D: Requested Daily Limits

App A

Model ID	Permit ID	Source Type	TOLUENE DIISOCYANATE, 2,4- ISOMERS [584-84-9] (lb/day)	TOLUENE DIISOCYANATE, 2,6- ISOMERS [91-08-7] (lb/day)	XYLENE [1330-20-7] (lb/day)
SR4101	I-D-SR-41-01	ICOM			0.74
SR4602	I-D-SR-46-02	ICOM			5.59
SR6001	I-D-SR-60-01	ICOM			8.57
SR7201	I-D-SR-72-01	ICOM			1.49
SR4601	I-D-SR-46-01	SURF	4.08	4.08	55,097.93
SR5401	I-D-SR-54-01	WELD			

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Jacksonville, North Carolina
Onslow County

[4c]

Zone D: Requested Annual Limits

App A

Model ID	Permit ID	Source Type	BENZENE [71-43-2] (lb/year)	BIOAVAILABLE CHROMATE PIGMENTS, AS CHROMIUM (VI) EQUIVALENT [BioCR6] (lb/year)	METHYLENE CHLORIDE [75-09-2] (lb/year)	NON-SPECIFIC CHROMIUM (VI) COMPOUNDS, AS CHROMIUM (VI) EQUIVALENT [NSCR6] (lb/year)
SR4101	I-D-SR-41-01	ICOM	18.00			
SR4602	I-D-SR-46-02	ICOM	135.00			
SR6001	I-D-SR-60-01	ICOM	207.00			
SR7201	I-D-SR-72-01	ICOM	36.00			
SR4601	I-D-SR-46-01	SURF	20,552.61	14.55	4,211,111.56	10.66
SR5401	I-D-SR-54-01	WELD				2.17

Section [5] – Zone A Modeled Output Concentrations and Optimization