Manatee County Government

Utility Operations Department

January 3,2007

Dr. Tina Armstrong, PhD.
Senior Manager, Environmental Remediation
Lockheed Martin Corporation
6801 Rockledge Drive MP: CLE610
Bethesda, Maryland 208 17

Re: Revision of Industrial User Permit to Lockheed Martin Corporation by Manatee County Utility Operations Department, Permit # IW - 0025s

Dear Dr. Armstrong

Please find enclosed revised Discharge Permit # IW- 0025s which covers the treated groundwater discharged from the remediation system located at the former American Beryllium Company site 1600 Tallevast Road, Tallevast, FL 34243 as identified in your

PART 1 - DESCRIPTION AND REGULATION OF OPERATION

A. Lockheed Martin Corporation, owner of the former American Beryllium Company site located at 1600 Tallevast Road, Tallevast, FL 34243 is identified for the purposes of this wastewater discharge permit as a significant industrial user as defined in Manatee County Sewer Use Ordinance 05-69. The discharge is directed to the Southwest Water Reclamation Facility.

B. Lockheed Martin Corporation is identified as a Significant Industrial User under the definitions contained in 40 CFR 403 and Manatee County Sewer User Ordinance 05-69.

C. All relevant pretreated groundwater must pass through all pretreatment processes as submitted in the wastewater discharge permit application dated April 12,2006, prior to discharge to the sewer system. No pretreatment process may be bypassed without the prior written permission of the Director.

D. Wastestreams from the facility consist of the following:

1. Treated groundwater,

E. This permit is issued for a specific operation as submitted in the wastewater discharge permit application dated April 12,2006. If the permitee wishes to discharge any other types of wastewater,
a written request must be submitted to the County's Office of Industrial Compliance in advance. Failure to notify the County may result in enforcement actions up to and including termination of this wastewater discharge permit.

PART 2 - EFFLUENT LIMITATIONS

A. During the period of August 10,2006 to Au~ust 9,2009 the permitee is authorized to discharge

3
Effluent Limitations

PH 1 SU 5.0 11.5 Local limit

I I -

b

Parameter

Aluminum

Units

1,4-Dioxane

Trichloroethene

Tetrachloroethene

1,l -Dichloroethene

I, 1 -Dichloroethane

cis 1,2-
Dichloroethene

Vinyl chloride

NIA I

Applicable
Standard Daily Minimum

Secondary I Drinking Water

Daily Maximum

mgk

mg/L

mdL

mg/L

mg/L

m a

m a

- - -

standard

I Local Limit

NI A

NIA

NI A

N/ A

NIA

NIA

NI A

L I

N/ A 0.004 Primary Drinking Beryllium - -- hater Standard ---
Cadmium

Chromium

Copper

Report

0.003

0.003

0.007

0.003 -
0.070

0.00 1

Local Limit

Local Limit 8 28.48 Local Limit

NlA

Primary Drinking
Water Standard
Primary Drinking
Water Standard
Primary Drinking
Water Standard
Primary Drinking
Water Standard
Primary Drinking
Water Standard
Primary ~rinkG
Water Standard

Local Limit

- - Local Limit

Zinc NI A 4.78 Local Limit

C. All discharges shall comply with all other applicable laws, regulations, standards and requirements contained in Manatee County Sewer Use Ordinance 05-69 and any applicable State and Federal pretreatment laws, regulations, standards and requirements, including any such laws, regulations, standards or requirements that may become effective during the term of this permit.

PART 3 - MONITORING REOUIREMENTS

A. From the period beginning on the effective date of the permit until Au~ust 9,2009 the permitee shall monitor outfall 001 for the following parameters at the indicated frequency.

1,4-Dioxane
Trichloroethene
Tetrachloroethene Quarterly

Sample Parameter

Quarterly I Grab
1 1 ,I -~ichloroethane Quarterly

- - - - - - - -

I Grab

Ir

Frequency Sample Type

Chromium Composite

- - - - - - --

Composite -----

cis 1,2-Dichloroethene
Vinyl chloride
Aluminum
Arsenic

Beryllium

Cadmium --

Nickel C Quarterly Composite

Lead Composite

Zinc Quarterly Composite -----
'~low meters must be calibrated according to manufacturer's instructions but in no case less than

once per year. 2 pH meters must be calibrated according to manufacturer's instructions but in no case less than
once per month.
3~ust beanalyzed using either EPA Method 1624 or EPA Method 8260C with heated purge,
isotope dilution and selective ion monitoring (SIM).

Quarterly
Quarterly
Quarterly

Quarterly -----

B. All handling and preservation of collected samples and laboratory analysis of samples shall be performed in accordance with Florida Administrative Code chapter 62-1 60 and amendments thereto, unless specified otherwise in the monitoring conditions of this permit.

Grab

Grab - --

Composite

Composite ---- --

C. Monitoring results obtained shall be summarized quarterly (January, April, July, and October) of

Quarterly
Quarterly

Composite --

Composite

5

each year and reported twice per year. The reports are due the 28" day of the following month (i.e. February 2sth; May 2gth; August 2sth; and November 28". The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed, including measured maximum and average daily flows.

D. If the permitee monitors any pollutant more frequently than required by this permit using test procedures prescribed in Florida Administrative Code chapter 62- 160 or amendments thereto, or otherwise approved by the Florida Department of Environmental Protection or as specified in this permit, the results of such monitoring shall be included in any calculations of actual daily maximum or monthly average pollutant discharge and results shall be reported in the semi-annual report(s) submitted to the MCUOD Office of Industrial Compliance.

E. The County will monitor the discharge from the permitee's facility at a minimum of twice per year. Monitoring will include the collection and analysis of wastewater samples in order to determine pollutant concentrations and compliance with effluent limitations. The County may also provide sampling and analysis services to the permitee in order to comply with self-monitoring requirements
if the permitee elects for the County to do so. The permitee will be charged according to the rate schedules defined in the current Manatee County Rate Resolution. Should the permitee require a test for which the County's laboratory is not equipped, an independent laboratory will be utilized at the permitee's expense.

F. If the results of the permitee's wastewater analysis indicate that a violation of this permit has occurred, the permitee shall:

1. Inform the Director of the violation within 24 hours; and

2. Repeat the sampling and pollutant analysis and submit, in writing, the results of the repeat
analysis within 30 days of the first violation.

G. The permitee shall notify the Director immediately upon the occurrence of an accidental discharge of substances prohibited by SUO 05-69 or any slug loads or spills that may enter the sanitary sewer. During normal business hours, the Director shall be notified by telephone at 795-3436. At all other times, the Director shall be notified by telephone at 704-0878 (after 5 p.m. Monday - Friday, weekends and holidays). The notification shall include location of the discharge, date and time
thereof, type of waste including concentration and volume, and corrective actions taken. The permitee's notification of accidental releases in accordance with this section does not relieve it of
other reporting requirements that arise under local, State or Federal laws.

H. Within five (5) days following an accidental discharge, the permitee shall submit to the Director a detailed written report. The report shall specify:

1. Description and cause of the upset, slug load or accidental discharge, the cause thereof, and the impact on the permitee's compliance status. The description shall also include the location of
the discharge as well as the type, concentration, and volume of waste.

2. Duration of noncompliance, including exact dates and times, if the noncompliance is
continuing, and the time by which compliance is reasonably expected to occur.

3. All steps taken or to be taken to reduce, eliminate, andfor prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

4. All reports required by this permit shall be submitted to:

Manatee County Utility Operations
Att: Office of Industrial Compliance
5101 65th Street West
Bradenton, FL FL Tc 10.5 0 059J -056572J -056404 PART (FL 0 11..25 0 011.90

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concentration andlor flow rate which, either singly or by interaction with other pollutants, will cause interference with Manatee County's receiving wastewater treatment facilities.
5. Wastewater having a temperature greater than [104" F (40" C)], or which will a

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contact with any raw material, intermediate or final product and which does not contain a level of contaminants detectably higher than that of the intake water.

treatment systems, POTW personnel or the receiving waters.
e. Violation of any terms or conditions of the permit.
f. Misrepresentation or failure to disclose fully all relevant facts in the permit application or in any required report.
g. Revision of or a grant of variance from such categorical standards pursuant to Chapter 62-
625 (F.A.C.).
h. To correct typographical or other errors in the permit.
i. To reflect transfer of the facility ownership andor operation to a new owner/operator.
j. Upon request of the permitee, provided such request does not create a violation of any applicable requirements, standards, laws or rules and regulations.
The filing of a request by the permitee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

6. PERMIT TERMINATION:

This permit may be terminated for the following reasons:
a. Falsifiing self-monitoring reports.
b. Tampering with County monitoring equipment.
c. Refusing to allow timely access to the facility premises and records.
d. Failure to meet effluent limits.
e. Failure to pay fines.
f. Failure to pay sewer charges.
g. Failure to meet compliance schedules.

7. PERMIT APPEALS:

The permitee may petition to appeal the terms of this permit within thirty (30) days of the notice.

This petition must be in writing; failure to submit a petition for review shall be deemed to be a waiver of the appeal. In its petition, the permitee must indicate the permit provisions objected to, the reasons for this objection, and the alternative condition, if any, it seeks to be placed in the permit.

The effectiveness of this permit shall not be stayed pending reconsideration by the Board. If, after considering the petition and any arguments put forth by the Director, the Board determines that reconsideration is proper, it shall remand the permit back to the Director for reissuance. Those permit provisions being reconsidered by the Director shall be stayed pending reissuance.

A Board of Director's decision not to reconsider a final permit shall be considered final administrative action for purposes of judicial review.

8. PROPERTY RIGHTS:

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any violation of Federal, State or local laws or regulations.

9. LIMITATION ON PERMIT TRANSFER:

Permits may be reassigned or transferred to a new owner andlor operator with prior approval of the Director.

a. The permitee must give at least thirty (30) days advance notice to the Director.
b. The notice must include a written certification by the new owner which:
1. States that the new owner has no immediate intent to change the operations and

processes.

ii. Identifies the specific date on which the transfer is to occur.
iii. Acknowledges full responsibility for complying with the existing permit.

10. DUTY TO REAPPLY:

If the permitee wishes to continue an activity regulated by this permit after the expiration date of

exceeded but only if it is also for essential maintenance to assure efficient operation.
c. Notification of bypass:
I. Anticipated bypass: If the permitee knows in advance of the need for a
bypass, it shall submit prior written notice at least ten (10) days before the
date of the bypass to the Director.
ii. Unanticipated bypass: The permitee shall bypasu42idmm2oc3rpass V090 Tc 1.4 0 0 10.7.

b. Have access to and copy, at reasonable times, any records that must be kept under the
conditions of this permit;
c. Inspect at reasonable times any facilities, equipment (including monitoring and control
equipment), practices, or operations regulated or required under this permit;
d. Sample or monitor, for the purposes of assuring permit compliance, any substances
or parameters at any location; and
e. Inspect any production, manufacturing, fabricating, or storage area where pollutants,
regulated under the permit, could originate, be stored or be discharged to the sewer system.

6. RETENTION OF RECOW

a. The pennitee shall retain records of all monitoring information including all calibration
and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit for a period of at least
three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.
b. All records that pertain to matters that are the subject

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becoming aware of the upset. During normal business hours (Monday - Friday 08:OO a.m. - 05:OO p.m.) at 795-3436 or after 05:OO p.m. M-F, weekends and holidays at 704-0878.
b.A written follow-up report of the upset shall be submitted by the permitee with the Director within five (5) days. The report shall include:
1. A detailed description of the upset, the cause(s) thereof and the upset's impact on
the permitee's compliance status;
ii. The duration of the noncompliance including exact dates and times of
noncompliance and if not corrected, the anticipated time the noncompliance is
expected to continue; and
iii. All steps taken or to be taken to reduce, eliminate and prevent recurrence of such
an upset.
c. The report must also demonstrate that the treatment facility was being operated in a prudent
and workmanlike manner.
d.A documented and verified operating upset shall be an affirmative defense to any enforcement action brought against the permitee for violations attributable to the upset event.

4. AUTOMATIC RESAMPLING:

If the results of the permitee's wastewater analysis indicate a violation has occurred, the permitee must notify the Director within twenty four (24) hours of becoming aware of the violation and repeat the sampling and pollutant analysis and submit in writing the results of the repeat analysis within thirty (30) days after becoming aware of the violation.

5. DUTY TO PROVIDE INFORMATION:

The permitee shall hrnish to the Director, within 30 days, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permitee shall also, upon request, furnish to the Director, within 30 days, copies of any records required to be kept by this permit.

6. SIGNATORY REOUIREMENTS:

All applications, reports, or information submitted to the Director must contain the following certification statement and be signed as required in Sections

Whenever the Director finds that the permitee has violated or is violating any provision of this permit, the Director may serve upon said permitee written notice of the violation. Within ten (10) days of the receipt of this notice, an explanation of the violation and a written plan for the satisfactory correction and prevention thereof, to include specific required actions, shall be submitted by the permitee to the Director. Submission of this plan in no way relieves the permitee of liability for any violations occurring before or after receipt of the notice of violation.

6.

the Director, through the County Attorney, may commence an action for appropriate legal andlor equitable relief in the Courts of Manatee County.

14. INJUNCTIVE RELIEF:

Whenever the permitee has violated or continues to violate the provisions of this permit or of SUO 05-69, or of any permit, or of orders issued hereunder, the Director, through the County Attorney may petition the court for the issuance of a preliminary or permanent injunction, or both, which restrains or compels the activities of the permitee.

15. CIVIL PENALTIES:

Any industrial user who has violated or continues to violate this Ordinance or any order or permit issued hereunder, shall be subject to a civil penalty of not more than two thousand dollars ($2,000.00) plus actual damages incurred by Manatee County, per violation, per day, as long as the violation continues. In addition to the above-described penalty and damages, Manatee County may recover reasonable attorney's fees, court costs, and other expenses associated with the enforcement activities, including sampling, monitoring and analysis expenses. The Director shall petition the court to impose, assess, and recover such sums. In determining amounts of liability, the court shall take into account all relevant circumstances, including, but not limited to, the extent of harm caused by the violation, the magnitude and duration, any economic benefit gained through the industrial user's violation, corrective actions by the industrial user, the compliance history of the industrial user, and any other factor that justice requires.

16. CRIMINAL PROSECUTION:

Any industrial user who willfully violates any provision of this permit or of SUO 05-69, or any orders or permits issued hereunder, shall, upon conviction, be guilty of a misdemeanor, punishable by a fine not to exceed two

MANATEE COUNTY INDUSTRIAL PRETREATMENT PROGRAM

AUTHORIZATION OF APPROVED REPKESENTATIVE

Industrial User Name

Discharge Permit No.

MANATEE COUNTY INDUSTRIAL PRETREATMENT PROGRAM

CERTIFICATION STATEMENT

This statement MUST be attached to each and every periodic compliance report and must be signed by an authorized responsible person of the discharging company.

Industrial User Name

Address --

Discharge Permit No.

Date -

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief; true, accurate and complete. I am aware that there are signifcant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violation. "

Signed

Title -