



A02-0038 7/16/01

***National
Environmental
Achievement Track***

Application Form

Naval Air Engineering Station

Name of facility

Naval Air Systems Command

Name of parent company (if any)

Route 547

Street address

Code 832300B5-2

Street address (continued)

Lakehurst NJ 08733

City/State/Zip code

Give us information about your contact person for the National Environmental Achievement Track Program.

Name Lucy S. Bottomley

Title Supervisory Environmental Engineer

Phone 732-323-2612

Fax 732-323-2792

E-mail BottomleyLS@Navair.navy.mil

Section A

Tell us about your facility.

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

1 What do you do or make at your facility?

We are a full spectrum acquisition support facility. We provide program management, contracting, logistics, engineering, prototyping and testing services to Aircraft Platform Interface systems. These systems generally comprise air launch and recovery equipment and aviation support equipment which enable naval aviators, sailors and marines to operate aircraft safely and effectively from ships at sea or from expeditionary airfields.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
9711

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

Yes No

4 How many employees (full-time equivalents) currently work at your facility?

- Fewer than 50
 50-99
 100-499
 500-1,000
 More than 1,000

Section A, continued

5 Does your facility have an EPA ID number(s)?

Yes No

If yes, list in the right-hand column.

NJ7170023744

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right **or** enclose a completed Checklist with your application.

7 Check the appropriate box in the right-hand column.

I've listed the requirements above.

I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

The Station is currently in the New Jersey Department of Environmental Protection's Silver Track Program for Environmental Performance.

Section B

Tell us about your EMS.

Why do we need this information?

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy Yes

b. Planning Yes

c. Implementation and operation Yes

d. Checking and corrective action Yes

e. Management review Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? Yes

3 Did this cycle include both an EMS and a compliance audit? Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? Yes

If yes, what method of EMS assessment did you use?

Self-assessment

GEMI

Other

CEMP

Third-party assessment

ISO 14001 Certification

Other ISO 14001 assessment, not for registration

Section C

Tell us about your past achievements and future commitments.

Why do we need this information?

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you need to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Total Solid Waste	2329	TONS	2080	TONS
<ol style="list-style-type: none">i. How is the current level an improvement over the previous level? <p>Prior to implementing the recycling program, all construction debris was landfilled. Between 1996 and 1999, the Station achieved a 133 percent increase in the amount of material recycled. This large increase was primarily due to the large amount of demolition debris recycled. Between 1998 and 1999, 3400 tons of asphalt and concrete were recycled. In 2000, 2390 tons of construction and demolition materials were recycled. Despite less construction material recycled, in 2000 the Station increased its totaled recycled amount by 70 tons over 1998 levels. Continuing to achieve even small increases in our overall recycling with fewer construction and demolition projects demonstrates the maturity of the program.</p>ii. How did you achieve this improvement? <p>The recycling program has been in place for a number of years but was boosted through the construction of a new Material Recovery Station (MRS) in 1998. The Material Recovery Station consists of a ramp leading to 10 clearly marked dumpsters. Materials separated at the station include wood, ferrous scrap metal, non-ferrous scrap metal, cardboard, asphalt and concrete.</p>				

Second aspect you've selected

What aspect have you selected? Hazardous Waste	What was the previous level (2 years ago)? <table border="1"> <tr> <td>Quantity</td> <td>Units</td> </tr> <tr> <td>87196</td> <td>lbs</td> </tr> </table>	Quantity	Units	87196	lbs	What is the current level? <table border="1"> <tr> <td>Quantity</td> <td>Units</td> </tr> <tr> <td>75353</td> <td>lbs</td> </tr> </table>	Quantity	Units	75353	lbs
Quantity	Units									
87196	lbs									
Quantity	Units									
75353	lbs									
<p>i. How is the current level an improvement over the previous level?</p> <p>In 1996, the Station disposed of over 264,000 lbs of hazardous waste annually. This number was reduced significantly through process modifications, reduction of the authorized use list and the institution of the Cost Avoidance area. While maintaining the same level of production and testing, we are polishing our processes to achieve further although smaller reductions in hazardous waste.</p> <p>ii. How did you achieve this improvement?</p> <p>Through implementation of a Cost Avoidance storage area, where purchasers are directed to determine if excess hazardous material is available before making a new purchase of material. This improvement not only saved money, but avoided the disposal of material due to expiration of shelf-life.</p>										

2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you are a small facility, you need to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?	Total Water Use				
b. Is this aspect identified as significant in your EMS?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	<table> <tr> <td data-bbox="820 1524 1177 1587"> <input type="checkbox"/> Option A: Absolute value </td> <td data-bbox="1193 1556 1468 1619"> 145735000 gal/year (Quantity/Units) </td> </tr> <tr> <td data-bbox="820 1608 1177 1734"> <input checked="" type="checkbox"/> Option B: In terms of units of production or output </td> <td data-bbox="1193 1640 1468 1793"> 36876 gal/year/person basis 3962 people (includes employees, residents, tenants) (Quantity/Units) </td> </tr> </table>	<input type="checkbox"/> Option A: Absolute value	145735000 gal/year (Quantity/Units)	<input checked="" type="checkbox"/> Option B: In terms of units of production or output	36876 gal/year/person basis 3962 people (includes employees, residents, tenants) (Quantity/Units)
<input type="checkbox"/> Option A: Absolute value	145735000 gal/year (Quantity/Units)				
<input checked="" type="checkbox"/> Option B: In terms of units of production or output	36876 gal/year/person basis 3962 people (includes employees, residents, tenants) (Quantity/Units)				

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

- Option A:
Absolute value 138670000
(Quantity/Units)
- Option B:
In terms of 35000 gal/year/person
units of production (Quantity/Units)
or output

e. How will you achieve this improvement?

Some planned and recently completed water conservation projects include:

- replacing an large (450 ton), aging cooling unit in our heat treat building that operates at over 300 gpm.
- completing installation of backflow preventers throughout the station (there will be over 300 backflow preventers installed when the project is completed).
- In the last year we replaced all of the asbestos concrete water pipe around hangars 5 and 6 (high leakage probability) and all of the piping in officers housing (lots of miles of pipe).

Regular conservation measures include water restrictions for lawn and ballfield watering and replacing older high water use toilet and shower fixtures during building renovations.

Second aspect you've selected

a. What is the aspect?

Total Solid Waste

b. Is this aspect identified as significant in your EMS?

- Yes No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

- Option A:
Absolute value 2080 tons/year
(Quantity/Units)
- Option B:
In terms of 1050 lbs/year/person
units of production (basis 3952 people)
or output (Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

- Option A:
Absolute value 1875 tons/year (10%
reduction)
(Quantity/Units)
- Option B:
In terms of 945 lbs/year/person
units of production (Quantity/Units)
or output

e. How will you achieve this improvement?

The Station has a mature recycling program. However, we will be conducting a more active recycling education program in 2001-2002. This goal of the program is to ensure that employees and residents know which materials they can recycle and how to recycle them. We will also monitor the use of the Material Recovery Station to ensure containers do not become contaminated with unrecyclable material.

Third aspect you've selected

- a. What is the aspect? Emissions of NOx
- b. Is this aspect identified as significant in your EMS? Yes No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|---------------------------------------------------------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> Option A:
Absolute value | 57.47 tons/year
(Quantity/Units) |
| <input type="checkbox"/> Option B:
In terms of
units of production
or output | (Quantity/Units) |
- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- | | |
|---------------------------------------------------------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> Option A:
Absolute value | 37.47 tons/year
(Quantity/Units) |
| <input type="checkbox"/> Option B:
In terms of
units of production
or output | (Quantity/Units) |
- e. How will you achieve this improvement? This reduction will be achieved through shutdown in 2002 of our boiler plant #1 that utilizes No. 6 fuel oil. Heat generated by this plant is being replaced with individual natural gas fired boilers in various buildings.

Fourth aspect you've selected

- a. What is the aspect? Habitat preservation - Grassland birds
- b. Is this aspect identified as significant in your EMS? Yes No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|---------------------------------------------------------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> Option A:
Absolute value | 1101.8 acres
(Quantity/Units) |
| <input type="checkbox"/> Option B:
In terms of
units of production
or output | (Quantity/Units) |
- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- | | |
|---------------------------------------------------------------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> Option A:
Absolute value | 1225 acres
(Quantity/Units) |
| <input type="checkbox"/> Option B:
In terms of
units of production
or output | (Quantity/Units) |
- e. How will you achieve this improvement? By setting aside open spaces on the Station through our Master Plan and changing the mowing regiment to facilitate the nesting of grassland birds in those areas.

Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

The Station holds a Restoration Advisory Board meeting on regular intervals throughout the year to discuss the progress of our Superfund remediation projects with the public and to discuss any other environmental subject the public is interested in. We also maintain a record of all environmental inquiries and our responses. We also have an Environmental Community Relations Plan that addresses community notification and partnering for all environmental programs and media.

2 How do you inform community members of important matters that affect them?

Through press releases, our comprehensive environmental website (www.lakehurst.navy.mil/environment), mailings to our interested parties list, public notices, and our base newspaper.

3 How will you make the Achievement Track Annual Performance Report available to the public?

- Website www.lakehurst.navy.mil/environment
- Newspaper
- Open Houses
- Other

4 Are there any ongoing citizen suits against your facility?

Yes No

If yes, describe briefly in the right-hand column.

Local landowner is suing the Navy with regard to groundwater contamination. Navy is currently in negotiations to purchase the affected off-base property.

5 List references below

	<i>Organization</i>	<i>Name</i>	<i>Phone number</i>
<i>Representative of a Community/ Citizen Group</i>	Pinelands Preservation Alliance	Theresa Lettman	609-894-8000
<i>State/Local Regulator</i>	NJDEP, Bureau of Case Management	Donna Gaffigan	609-633-1494
<i>Other community/local reference</i>	NJ Pinelands Commission	Todd DeJesus	609-894-7300
	Ocean County Recycling	John Haas, District Recycling Coordinator	732-506-5047

Section E

Application and Participation Statement.

On behalf of the Naval Air Engineering Station
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title Captain Stephen J. Himes, Commanding Officer

Facility Name Naval Air Engineering Station

Facility Street Address Route 547 Code 8.0 Lakehurst NJ 08733

Facility ID Numbers NJ7170023744

National Environmental Achievement Track

Environmental Requirements Checklist

We've included the following Checklist to help you answer questions in Section A, Tell us about your facility. The Checklist will help you identify the major federal, state, tribal, and local environmental requirements that apply at your facility, but it is not an exhaustive list of all environmental requirements that may be applicable at your facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Air Pollution Regulations

Check All That Apply

- 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
- 2. Permits and Registration of Air Pollution Sources
- 3. General Emission Standards, Prohibitions and Restrictions
- 4. Control of Incinerators
- 5. Process Industry Emission Standards
- 6. Control of Fuel Burning Equipment
- 7. Control of VOCs
- 8. Sampling, Testing and Reporting
- 9. Visible Emissions Standards
- 10. Control of Fugitive Dust
- 11. Toxic Air Pollutants Control
- 12. Vehicle Emissions Inspections and Testing

- 13. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Hazardous Waste Management Regulations

Check All That Apply

- 1. Identification and Listing of Hazardous Waste (40 CFR 261)
 - Characteristic Waste
 - Listed Waste
- 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
 - Manifesting
 - Pre-transport requirements
 - Record keeping/reporting
- 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - Transfer facility requirements
 - Manifest system and record-keeping
 - Hazardous waste discharges
- 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - General facility standards
 - Preparedness and prevention
 - Contingency plan and emergency procedures

- Manifest system, Record keeping and reporting
- Groundwater protection
- Financial requirements
- Use and management of containers
- Tanks
- Waste piles
- Land treatment
- Incinerators
- 5. Interim Standards for TSD Owners and Operators (40 CFR 265)
- 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- 7. Administered Permit Program (Part B) (40 CFR 270)
- 8. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Hazardous Materials Management

Check All That Apply

- 1. Control of Pollution by Oil and Other Hazardous Substances (33 CFR 153)
- 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- 5. Community Right-to-Know Regulations (40 CFR 350-372)
- 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Solid Waste Management

Check All That Apply

- 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- 2. Permit Requirements for Solid Waste Disposal Facilities
- 3. Installation of Systems of Refuse Disposal
- 4. Solid Waste Storage and Removal Requirements
- 5. Disposal Requirements for Special Wastes
- 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Water Pollution Control Requirements

Check All That Apply

- 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- 2. Designation of Hazardous Substances (40 CFR 116)

- 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- 4. NPDES Permit Requirements (40 CFR 122)
- 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)
Name of POTW
ID # of POTW
- 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- 10. Water Quality Standards
- 11. Effluent Limitations for Direct Dischargers
- 12. Permit Monitoring/Reporting Requirements
- 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- 14. Collection, Handling, and Processing of Sewage Sludge
- 15. Oil Discharge Containment, Control and Cleanup
- 16. Standards Applicable to Indirect Discharges (Pretreatment)
- 17. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Drinking Water Regulations

Check All That Apply

- 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
- 2. National Primary Drinking Water Standards (40 CFR 141)
- 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- 5. Underground Injection Control Requirements
- 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems
- 7. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Toxic Substances

Check All That Apply

- 1. Manufacture and Import of Chemicals, Record-keeping and Reporting Requirements (40 CFR 704)
- 2. Import and Export of Chemicals (40 CFR 707)
- 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)

- 4. Chemical Information Rules (40 CFR 712)
- 5. Health and Safety Data Reporting (40 CFR 716)
- 6. Pre-Manufacture Notifications (40 CFR 720)
- 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)

- 10. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Pesticide Regulations

Check All That Apply

- 1. FIFRA Pesticide Use Classification (40 CFR 162)
- 2. Procedures Storage and Disposal of Pesticides and Containers (40 CFR 165)
- 3. Certification of Pesticide Applications (40 CFR 171)
- 4. Pesticide Licensing Requirements
- 5. Labeling of Pesticides
- 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- 7. Disposal of Pesticide Containers
- 8. Restricted Use and Prohibited Pesticides

- 9. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Environmental Clean-Up, Restoration, Corrective Action

Check All That Apply

- 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (Please identify)

- 2. RCRA Corrective Action

- 3. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Facility Name NAVAL AIR ENGINEERING STATION
Facility Location: LAKEHURST NJ
Facility ID Number(s): NJ7170023744

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
4th Floor
Cambridge, MA 02140