



FAA
Airports Division

Eastern Region

3905 Hartzdale Drive
Suite 508
Camp Hill, PA 17011
(717) 730-2830

February 5, 2009

Mr. Calvin Davenger, Jr.
Philadelphia International Airport
Division of Aviation
Terminal E
Philadelphia, PA 19153

RE: Philadelphia International Airport (PHL)
Installation of Rechargers for Electric Ground Support Equipment (GSE)
Federal Environmental Action

Dear Mr. Davenger:

The Harrisburg Airports District Office has completed its review of your submittal of a Categorical Exclusion Form for the proposed project at Philadelphia International Airport, PA.

The proposed project involves Installation of Rechargers for Electric Ground Support Equipment (GSE).

Based on our review of the information provided along with guidance contained in FAA Orders 5050.4B and 1050.1E, we have determined that the subject project does not have the characteristics that require a formal NEPA environmental assessment nor does it contain the potential for causing an environmental impact. We have, therefore, determined that this project qualifies for a "Categorical Exclusion" and have executed this finding accordingly (signed 02/03/09).

Please note that this correspondence represents the formal Federal Environmental Finding; additional coordination with the FAA may be necessary for this project with regard to an Airport Layout Plan Approval and Airspace Review.

Should you have any questions or need additional information, please call me at (717) 730-2802.

Sincerely,

A handwritten signature in black ink, appearing to read "Charles Campbell", with a long horizontal flourish extending to the right.

Charles Campbell
Environmental Specialist
Harrisburg Airports District Office

cc: Lynn Keeley, AECOM



FEDERAL AVIATION ADMINISTRATION
EASTERN REGION AIRPORTS DIVISION

CATEGORICAL EXCLUSION FORM

Airport Name: Philadelphia International Airport Airport Identifier PHL

Project Title: Installation of Rechargers for Electric Ground Support Equipment (GSE) Date: 01/07/09

APPLICABILITY:

This Environmental Evaluation Form should be used only if the sponsor's proposed project meets the following two (2) criteria:

1. The proposed project is a federal action subject to NEPA. List applicable paragraph number from FAA Order 5050.4B, Chapter 1 para. 9g (1)
2. The proposed project is identified as one that can be categorically excluded. List applicable category from FAA Order 1050.1E paragraphs 307 through 312. (Review Tables 6-1 and 6-2 in FAA Order 5050.4B). From Table 6-2: 309g, 310f, 310n, 310u

Note:

If action is listed in Table 6-1- Complete project description, go to page 4 and sign certification. No further review necessary
If action is listed in Table 6-2 - Complete remainder of form

PROJECT DESCRIPTION - List and clearly describe **ALL** components of project proposal including all connected actions. Include summary of existing conditions at project site. (Attach site map identifying project area)

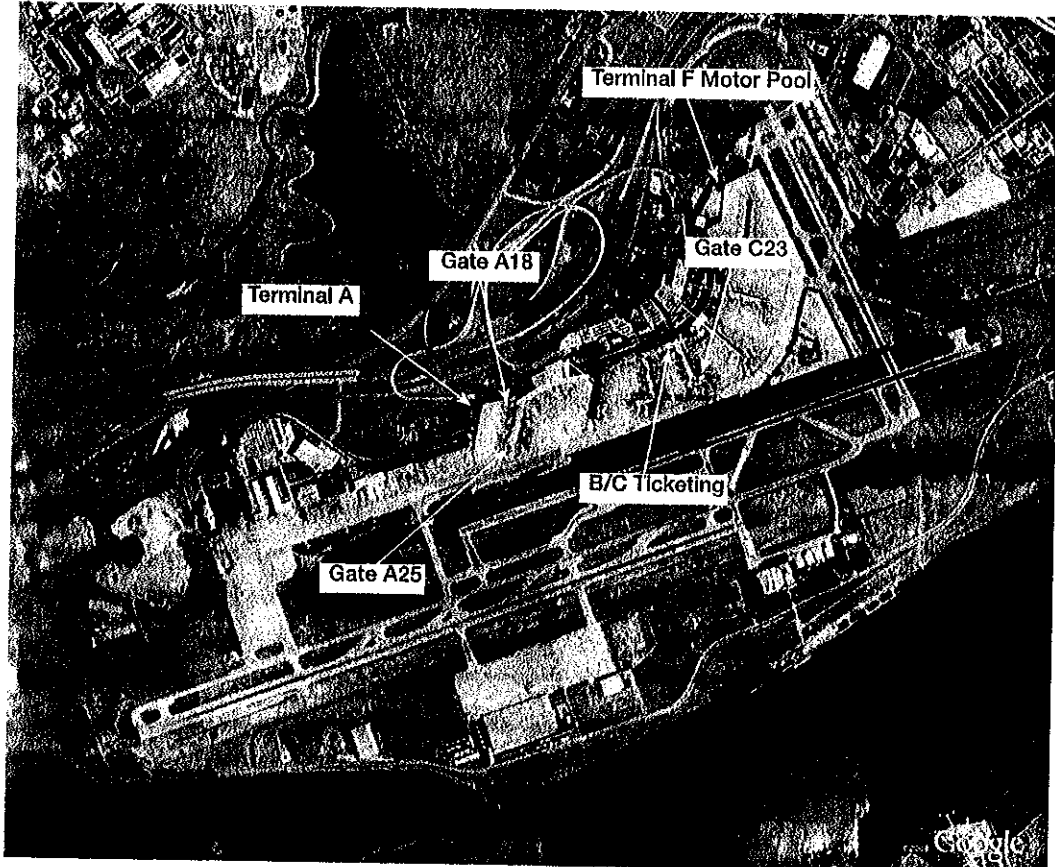
This project entails the purchase and installation of electric ground support equipment (GSE) rechargers at five locations throughout PHL (see attached figure and VALE Application Appendix E). Twenty-five recharging units are proposed to support 152 electric baggage tugs and 32 belt loaders. The electric GSE will service aircraft in the vicinity of passenger jet bridges used by US Airways and US Airways Express. The following list identifies the number and location of recharging units:

- 13 recharging units at Terminal A-West
- 2 recharging units at Gate A-18
- 2 recharging units at Gate A-25
- 3 recharging units at Ticketing Building for Terminals B/C
- 1 recharging unit at Gate C-23
- 4 recharging units at Terminal F

The recharging units will facilitate the removal of 184 pieces of diesel-powered GSE (152 baggage tractors and 32 belt loaders), thereby reducing fuel consumption and associated emissions.

Actions connected to this project include electrical infrastructure upgrades and the installation of canopies over the eGSE motor pools located at Terminals A and F. These actions however, will be covered under a separate VALE application and categorical exclusion analysis anticipated to be submitted in the second half of Fiscal Year 2009.

PROPOSED eGSE RECHARGER LOCATIONS
Philadelphia International Airport



PHL046 F-0002

1. AIR QUALITY* (Contact air quality agencies as appropriate)

- (a) Is the proposed project located in a nonattainment or maintenance area for the National Ambient Air Quality Standards (NAAQS) established under the Clean Air Act and does it result in direct emissions? Yes No
 If Yes go to (b), No go to (d)
- (b) Is the proposed project an "exempted action," under the General Conformity Rule? Yes No
 If Yes cite exemption _____ go to (d), No go to (c)
 or presumed to conform (PTC) under FAA rules? (See FRN vol.72 no. 145 pg 41565)
 If Yes cite PTC category: Category 13: Low-emissions technology and alternative fuel vehicles go to (d), No go to (c) Yes No
- (c) Would the proposed project result in a net total of direct and indirect emissions that exceed the threshold levels of the regulated air pollutants for which the project area is in non-attainment or maintenance? (attach emissions inventory) Yes No
 If Yes consult ADO, No go to (d)
- (d) Is the airport's activity levels below FAA thresholds for requiring a NAAQS analysis? Yes No
 If Yes go to Item 2, No go to (e)
- (e) Do pollutant concentrations exceed NAAQS thresholds? (attach emissions inventory) Yes No
- (f) Is an air quality analysis needed with regard to state indirect source review? Yes No

2. COASTAL*

- (a) Would the proposed project occur in a coastal zone, or affect the use of a coastal resource, as defined by your state's Coastal Zone Management Plan (CZMP)? Yes No
- (b) If "yes," is the project consistent with the State's CZMP? Yes No
 (If applicable, attach the sponsor's consistency certification and the state's concurrence of that certification)
- (c) Is the location of the proposed project within the Coastal Barrier Resources System Yes No
 (If yes, and the project would receive federal funding, coordinate with the FWS and attach FWS exemption).

3. COMMUNITY DISRUPTION (Compatible Land Use)

- (a) Is the proposed project inconsistent with plans, goals, policies, or controls that have been adopted for the area in which the airport is located? Yes No
- (b) Would the proposed project lead to disruption or dividing of communities? Yes No
- (c) Would the proposed project cause relocation of any people, homes or businesses? Yes No

4. CUMULATIVE IMPACTS (consider past, present and reasonably foreseeable development on and off airport)

- (a) Is the proposed project likely to cumulatively cause significant impacts? Yes No
- (b) Is the proposed project likely to cause a significant lighting impact on residential areas or commercial use of business properties? Yes No
- (c) Is it likely to cause a significant impact on the visual nature of surrounding land? Yes No

5. ENDANGERED SPECIES* (Fish, Wildlife and Plants)

- (a) Would the proposed project impact any federally or state-listed or proposed endangered or threatened species (ESA) of flora and fauna, or impact critical habitat? Yes No
 (Attach record of consultation with federal and state agencies as appropriate)
- (b) Would the proposed project affect species protected under the Migratory Bird Act? Yes No
- (c) Would the proposed project affect other biotic communities or habitat not ESA protected? Yes No

6. FARMLANDS CONVERSION*

- Does the project involve acquisition of farmland, or use of farmland, that would be converted to non-agricultural use and is protected by the Federal Farmland Protection Policy Act (FPPA)? Yes No
 (If yes, attach record of coordination with the Natural Resources Conservation Service (NRCS), including form AD-1006.)

7. FLOODPLAINS*

- Would the proposed project cause an encroachment or impacts to the natural, ecological or scenic resources to the 100-year base floodplain? (If yes, opportunity for public review is required) Yes No

8. HAZARDOUS MATERIALS*

- Would the proposed project involve existing hazardous materials or cause potential Yes No

9. HIGHLY CONTROVERSIAL ACTION

Is the proposed project likely to be highly controversial on environmental grounds? Yes No

10. HISTORIC, ARCHITECTURAL, ARCHEOLOGICAL OR CULTURAL PROPERTY*

Would the proposed project impact any historic or cultural property or resources protected by the National Historic Preservation Act? (Consult with FAA, and contact State and/or Tribal Historic Preservation Officer. Attach record of consultation) Yes No

11. INCONSISTENCY WITH APPLICABLE LAWS

Is the proposed project likely to be inconsistent with any federal, state, local, or tribal law relating to the environmental aspects of project? Yes No

12. NOISE *

(a) Does the proposal have the potential to increase noise (e.g., would the proposed project increase aircraft operations or surface traffic)? Yes No

(b) If "yes," will the proposed project have an impact on noise levels over noise sensitive areas within the DNL 65 dBA noise contour (Attach explanation) Yes No

13. SECTION 4(F)*

Does the proposed project have an impact on any publicly owned land from a public park, recreation area, or wildlife or waterfowl refuge of national, state, or local significance, or an historic site of national, state, or local significance? (If yes, contact FAA, contact appropriate agency and attach record of consultation) Yes No

14. TRAFFIC CONGESTION

Would the proposed project cause an alteration in surface traffic patterns, or cause a noticeable increase in surface traffic congestion or decrease Level of Service? Yes No

15. US WATERS/WETLANDS*

(a) Does the proposed project involve federal or state regulated (Contact USFW or state agency if protected resources are affected) or non-jurisdictional wetlands? Yes No

(b) If yes, does the project qualify for an Army Corps of Engineers General permit (If yes, attach record of consultation . If no, project is not eligible for CATEX) Yes No

16. WATER QUALITY*

(a) Does the proposed project have the potential to impact water quality, including ground water, surface water bodies, and public water supply system or federal, state or tribal water quality standards? (If yes, contact appropriate agency) Yes No

(b) Is the project to be located over a designated Sole Source Aquifer (If yes, attach record of consultation with EPA) Yes No

17. WILD AND SCENIC RIVERS*

Would the proposed project affect a river segment that is listed in the Wild and Scenic River System or National Rivers Inventory? (If yes, coordinate with the jurisdictional agency and attach record of consultation) Yes No

18. ENERGY, NATURAL RESOURCES AND SOLID WASTE

(a) Would the project have a significant impact on energy or other natural resource consumption? Yes No

(b) Would the operation and/or construction of the project generate significant amounts of solid waste? Yes No

19. Other Categories

(a) Would the proposed project be located near or create a wildlife hazard as defined in FAA Advisory Circular 150/5200-33, "Wildlife Hazards on and Near Airports"? Yes No

(b) Reviewing the above categories, would the project affect:
Environmental Justice * Yes No
Children's Health and Safety * Yes No

4-6 **Project Title/Airport Identifier**

Installation of Rechargers for Electric Ground Support Equipment (eGSE) / PHL
PREPARER CERTIFICATION

I certify that the information I have provided above is, to the best of my knowledge, correct.

Lynn A. Keeley
Signature

01-09-09
Date

Lynn A. Keeley
Print Name

215-399-4338
Phone

AECOM
Company/Airport

1700 Market St., Suite 1700, Phila., Pa 19103
Address

Email address to receive notice of FAA decision: lynn.keeley@aecom.com

AIRPORT SPONSOR CERTIFICATION

I certify that the information I have provided above is, to the best of my knowledge, correct. I also recognize and agree that no construction activity, including but not limited to site preparation, demolition, or land disturbance, shall proceed for the above proposed project(s) until FAA issues a final environmental decision for the proposed project(s), and until compliance with all other applicable FAA approval actions (e.g., ALP approval, airspace approval, grant approval) has occurred.

Calvin M. Davenger, Jr
Signature

1/9/09
Date

Calvin M. DAVENGER, Jr
Print Name

215-987-6062
Phone

Email address to receive notice of FAA decision: calvin.davenger@phl.org

If no email available, provide mailing address _____

For FAA Use Only

FAA DECISION:

Having reviewed the above information, certified by the responsible airport official, it is the FAA's decision that the proposed development project has been found to qualify for a Categorical Exclusion from preparation of a formal environmental assessment.

Project Reviewed by:

[Signature]
(Signature of Responsible FAA Official)

2-03-09
Date

ATTACHMENT

DESCRIBE IMPACT AND RESULTS OF CONSULTATION IF REQUIRED

An explanation for each "Yes" response in the form is provided below.

1. Air Quality

The proposed project site is included in the EPA designated Philadelphia region, which is classified as non-attainment for ozone and PM 2.5 under the National Ambient Air Quality Standards (NAAQS) criteria for air pollutants.

However, the proposed project is one that the Federal Aviation Administration has included on their list of "Federal Presumed to Conform Actions under General Conformity." In addition, the attached *Application for VALE AIP Discretionary Funds* includes the analysis which documents the emissions reductions associated with the operation of the 152 electric baggage tractors and 32 electric belt loaders that will be replacing the existing diesel equipment.

2. Coastal Zone

PHL is located in the Coastal Zone of the Delaware River Estuary. However, the proposed action will not result in an increase in impervious surface as all recharging stations will be located in areas that are already paved.

The proposed action is consistent with the Pennsylvania Coastal Zone Management Program (CZMP), as evidenced in the Program's Policy 9.3 which states "Transportation facilities and improvements which reduce traffic volumes or decrease emission, will be supported and endorsed by the CZMP."¹

¹ Commonwealth of Pennsylvania Coastal Zone Management Program Guidance Document #394-03001-001, March 1999