

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Community and Recreation Services (Troop Support)

Activity: Autocraft shop services

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Nuisance: Odor

Impacts:

- Disturbance
- Human health

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Community and Recreation Services (Troop Support)

Activity: Autocraft shop services

Aspect: Water resource affected: Waste water

Impacts:

- Change in waste water volume
- Human health

Activity: Commissary & Px services

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Change in quantity of materials available
- Land use

Aspect: Water resource affected: Waste water

Impacts:

- Change in waste water volume
- Human health

Activity: Golf course services

Aspect: Water resource affected: Ground water

Impacts:

- Change in quantity of available water supply
- Human health
- Water flow alteration

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
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Community and Recreation Services (Troop Support)

Activity: Golf course services

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

- Habitat alteration
- Species harassment
- Species population change

Aspect: Air emissions: Vehicle emissions

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
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Community and Recreation Services (Troop Support)

Activity: Golf course services

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Horse stable services

Aspect: Water resource affected: City water

Impacts:

- Change in quantity of available water supply

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Change in quantity of materials available

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Community and Recreation Services (Troop Support)

Activity: Horse stable services

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Land use

Aspect: Water resource affected: Waste water

Impacts:

Change in waste water volume

Human health

Activity: Recreational services (Marina, pier, boating, ODR, RV rentals, campgro

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

Capability/function of wetland

Habitat alteration

Species harassment

Species population change

Water flow alteration

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Community and Recreation Services (Troop Support)

Activity: Recreational services (Marina, pier, boating, ODR, RV rentals, campgro

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Soil quality

Water quality

Aspect: Air emissions: Point source emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

Habitat alteration

Species harassment

Species population change

Aspect: Emergency situations: Spills (POLs)

Impacts:

Air quality

Habitat alteration

Human health

Soil quality

Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
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Community and Recreation Services (Troop Support)

Activity: Recreational services (Marina, pier, boating, ODR, RV rentals, campgro

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Aspect: Water resource affected: Waste water

Impacts:

- Change in waste water volume
- Human health

Activity: Service station services

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Change in quantity of materials available
- Land use

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality

Fort Eustis Aspects and Impacts by Area and Activity
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Community and Recreation Services (Troop Support)

Activity: Service station services

Aspect: Emergency situations: Spills (POLs)

Impacts:

Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Activity: Swimming & aquatic center services

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Nuisance: Noise

Impacts:

Disturbance

Human health

Aspect: Water resource affected: Waste water

Impacts:

Change in waste water volume

Human health

Activity: Troop services (bowling alley, child & youth, gym & fitness, Transportati

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Community and Recreation Services (Troop Support)

Activity: Troop services (bowling alley, child & youth, gym & fitness, Transportati

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

Air quality

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Fort Eustis Aspects and Impacts by Area and Activity
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Community and Recreation Services (Troop Support)

Activity: Troop services (bowling alley, child & youth, gym & fitness, Transportati

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Water quality

Aspect: Nuisance: Noise

Impacts:

Disturbance

Human health

Aspect: Air emissions: Point source emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Aspect: Emergency situations: Spills (POLs)

Impacts:

Air quality

Habitat alteration

Human health

Soil quality

Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality

Human health

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Community and Recreation Services (Troop Support)

Activity: Troop services (bowling alley, child & youth, gym & fitness, Transportati

Aspect: Air emissions: Vehicle emissions

Impacts:

Soil quality

Water quality

Aspect: Water resource affected: Waste water

Impacts:

Change in waste water volume

Human health

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Medical, Dental, Veterinary, and Laboratory Support

Activity: Ambulance services

Aspect: Nuisance: Noise

Impacts:

Disturbance

Human health

Activity: Clinic operations

Aspect: Waste generation/disposal: Medical

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Air emissions: Point source emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Medical, Dental, Veterinary, and Laboratory Support

Activity: Clinic operations

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Land use

Activity: Facility operations

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Air emissions: Point source emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Medical, Dental, Veterinary, and Laboratory Support

Activity: Facility operations

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Aspect: Water resource affected: Waste water

Impacts:

- Change in waste water volume
- Human health

Activity: Laboratory operations

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Activity: Pharmacy operations

Aspect: Waste generation/disposal: Medical

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Medical, Dental, Veterinary, and Laboratory Support

Activity: Pharmacy operations

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Activity: Radiology operations

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Waste generation/disposal: Medical

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Medical, Dental, Veterinary, and Laboratory Support

Activity: Radiology operations

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Fort Eustis Aspects and Impacts by Area and Activity
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Mission, Industrial, and Maintenance Operations

Activity: Aircraft maintenance activities

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Dock and pier operations

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment
- Species population change
- Water flow alteration
- Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Mission, Industrial, and Maintenance Operations

Activity: Dock and pier operations

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Helicopter pad operations

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Activity: Motor pools and vehicle/vessel/causeway maintenance operations

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Mission, Industrial, and Maintenance Operations

Activity: Motor pools and vehicle/vessel/causeway maintenance operations

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Habitat alteration
- Human health
- Soil quality
- Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Open anchorage

Aspect: Emergency situations: Fires

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Bank or shoreline modification/stabilization

Aspect: Cultural resource affected: Archeological site

Impacts:

- Destruction or degradation
- Disturbance - archeological, historical, and/or cultural resource
- Modifications or improvements

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment
- Species population change
- Water flow alteration
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

- Habitat alteration
- Species harassment

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Bank or shoreline modification/stabilization

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

Species population change

Activity: Cultural resource management

Aspect: Cultural resource affected: Archeological site

Impacts:

Destruction or degradation

Disturbance - archeological, historical, and/or cultural resource

Modifications or improvements

Aspect: Cultural resource affected: Historic property

Impacts:

Destruction or degradation

Disturbance - archeological, historical, and/or cultural resource

Modifications or improvements

Activity: Major landscaping

Aspect: Cultural resource affected: Archeological site

Impacts:

Destruction or degradation

Disturbance - archeological, historical, and/or cultural resource

Modifications or improvements

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

Air quality

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Human health

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Major landscaping

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment
- Species population change
- Water flow alteration
- Water quality

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Emergency situations: Spills (POLs)

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Major landscaping

Aspect: Emergency situations: Spills (POLs)

Impacts:

Air quality
Habitat alteration
Human health
Soil quality
Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality
Human health
Soil quality
Water quality

Activity: Pest management (weed, insect & rodent control)

Aspect: Energy use: Consumption

Impacts:

Air quality
Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Human health

Aspect: Air emissions: Fugitive emissions (i.e. dust, smoke)

Impacts:

Air quality
Human health
Soil quality
Water quality

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality
Human health

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Pest management (weed, insect & rodent control)

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Land use
Soil quality
Water quality

Aspect: Cultural resource affected: Historic property

Impacts:

Destruction or degradation
Disturbance - archeological, historical, and/or cultural resource
Modifications or improvements

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

Habitat alteration
Species harassment
Species population change

Aspect: Emergency situations: Spills (POLs)

Impacts:

Air quality
Habitat alteration
Human health
Soil quality
Water quality

Activity: Timber harvesting & forest management

Aspect: Energy use: Consumption

Impacts:

Air quality
Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Human health

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Timber harvesting & forest management

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment
- Species population change
- Water flow alteration
- Water quality

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Emergency situations: Spills (POLs)

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Timber harvesting & forest management

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Vegetation management (Nuisance plants/invasive species)

Aspect: Energy use: Consumption

Impacts:

- Air quality
- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Vegetation management (Nuisance plants/invasive species)

Aspect: Land disturbance: Land disturbance

Impacts:

- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Nuisance: Other

Impacts:

- Aesthetics
- Disturbance
- Human health

Aspect: Natural resource affected: Point source emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Vegetation management (Nuisance plants/invasive species)

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Wetlands management

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment
- Species population change
- Water flow alteration
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Activity: Wildlife management

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Natural, Cultural and Land Management

Activity: Wildlife management

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

Species population change

Water flow alteration

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Aspect: Nuisance: Noise

Impacts:

Disturbance

Human health

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

Habitat alteration

Species harassment

Species population change

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Fort Eustis Aspects and Impacts by Area and Activity
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Public Works

Activity: Building and Infrastructure maintenance

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

Air quality

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

Change in quantity of materials available

Habitat alteration

Land use

Species harassment

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Building and Infrastructure maintenance

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Aspect: Water resource affected: Storm water/runoff

Impacts:

Human health

Water flow alteration

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Activity: Building construction & renovation (RCI, MCA, JOC)

Aspect: Cultural resource affected: Archeological site

Impacts:

Destruction or degradation

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Building construction & renovation (RCI, MCA, JOC)

Aspect: Cultural resource affected: Archeological site

Impacts:

Disturbance - archeological, historical, and/or cultural resource
Modifications or improvements

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

Capability/function of wetland
Habitat alteration
Species harassment
Species population change
Water flow alteration
Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion
Habitat alteration
Land use
Soil quality
Water flow alteration
Water quality

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - exclud

Impacts:

Change in quantity of materials available
Habitat alteration
Land use
Species harassment
Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Building construction & renovation (RCI, MCA, JOC)

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality
Human health
Land use
Soil quality
Water quality

Aspect: Nuisance: Noise

Impacts:

Disturbance
Human health

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Change in quantity of materials available
Land use

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality
Human health
Soil quality
Water quality

Activity: Energy management

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

Air quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Energy management

Aspect: Energy use: Consumption

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality
Human health
Land use
Soil quality
Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion
Habitat alteration
Land use
Soil quality
Water flow alteration
Water quality

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

Change in quantity of materials available
Habitat alteration
Land use
Species harassment
Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Energy management

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Human health
Land use
Soil quality
Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Change in quantity of materials available
Land use

Aspect: Water resource affected: Storm water/runoff

Impacts:

Human health
Water flow alteration

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality
Human health
Soil quality
Water quality

Activity: Fire services

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - exclud

Impacts:

Change in quantity of materials available
Habitat alteration

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Fire services

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

- Land use
- Species harassment
- Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Change in quantity of materials available
- Land use

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Fire services

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Hazardous waste (HazWaste) management (installation-wide)

Aspect: Water resource affected: City water

Impacts:

- Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

- Air quality
- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Hazardous waste (HazWaste) management (installation-wide)

Aspect: Land disturbance: Land disturbance

Impacts:

Water quality

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - exclud

Impacts:

Change in quantity of materials available

Habitat alteration

Land use

Species harassment

Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Aspect: Water resource affected: Storm water/runoff

Impacts:

Human health

Water flow alteration

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Hazardous waste (HazWaste) management (installation-wide)

Aspect: Air emissions: Vehicle emissions

Impacts:

Human health

Soil quality

Water quality

Activity: Heating & cooling (HVAC) operations

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

Air quality

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Heating & cooling (HVAC) operations

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

- Change in quantity of materials available
- Habitat alteration
- Land use
- Species harassment
- Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Change in quantity of materials available
- Land use

Aspect: Water resource affected: Storm water/runoff

Impacts:

- Human health
- Water flow alteration

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Road construction/maintenance activities

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

Air quality

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

Change in quantity of materials available

Habitat alteration

Land use

Species harassment

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Road construction/maintenance activities

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Aspect: Water resource affected: Storm water/runoff

Impacts:

Human health

Water flow alteration

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality

Human health

Soil quality

Water quality

Activity: Solid waste management (installation-wide)

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Solid waste management (installation-wide)

Aspect: Energy use: Consumption

Impacts:

- Air quality
- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - exclud

Impacts:

- Change in quantity of materials available
- Habitat alteration
- Land use
- Species harassment
- Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Solid waste management (installation-wide)

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality
Human health
Land use
Soil quality
Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Change in quantity of materials available
Land use

Aspect: Water resource affected: Storm water/runoff

Impacts:

Human health
Water flow alteration

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality
Human health
Soil quality
Water quality

Activity: Water resource management

Aspect: Water resource affected: City water

Impacts:

Change in quantity of available water supply

Aspect: Energy use: Consumption

Impacts:

Air quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Water resource management

Aspect: Energy use: Consumption

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality
Human health
Land use
Soil quality
Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion
Habitat alteration
Land use
Soil quality
Water flow alteration
Water quality

Aspect: Natural resource affected: Materials (timber, rock, mineral, metal - excluded)

Impacts:

Change in quantity of materials available
Habitat alteration
Land use
Species harassment
Species population change

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Air quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Public Works

Activity: Water resource management

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

Human health
Land use
Soil quality
Water quality

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Change in quantity of materials available
Land use

Aspect: Water resource affected: Storm water/runoff

Impacts:

Human health
Water flow alteration

Aspect: Air emissions: Vehicle emissions

Impacts:

Air quality
Human health
Soil quality
Water quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Airfield operations

Aspect: Energy use: Consumption

Impacts:

Air quality

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Human health

Aspect: Air emissions: Fugitive emissions (i.e. dust, smoke)

Impacts:

Air quality

Human health

Soil quality

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Aspect: Nuisance: Noise

Impacts:

Disturbance

Human health

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

Habitat alteration

Species harassment

Species population change

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Airfield operations

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Activity: Land and sea maneuver training operations

Aspect: Cultural resource affected: Archeological site

Impacts:

- Destruction or degradation
- Disturbance - archeological, historical, and/or cultural resource
- Modifications or improvements

Aspect: Energy use: Consumption

Impacts:

- Air quality
- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Human health

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment
- Species population change
- Water flow alteration
- Water quality

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Air quality

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Land and sea maneuver training operations

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

- Human health
- Land use
- Soil quality
- Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

- Erosion
- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Change in quantity of materials available
- Land use

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

- Habitat alteration
- Species harassment
- Species population change

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Land and sea maneuver training operations

Aspect: Uncontrolled releases: Weapons/munitions

Impacts:

Air quality
Human health
Soil quality
Water quality

Activity: Port/Marine operations

Aspect: Energy use: Consumption

Impacts:

Air quality
Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Human health

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality
Human health
Land use
Soil quality
Water quality

Aspect: Waste generation/disposal: Industrial (bilge)

Impacts:

Air quality
Human health
Land use
Soil quality
Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Port/Marine operations

Aspect: Land disturbance: Land disturbance

Impacts:

- Habitat alteration
- Land use
- Soil quality
- Water flow alteration
- Water quality

Aspect: Waste generation/disposal: Municipal (trash)

Impacts:

- Air quality
- Human health
- Land use
- Soil quality
- Water quality

Aspect: Nuisance: Noise

Impacts:

- Disturbance
- Human health

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Port/Marine operations

Aspect: Air emissions: Vehicle emissions

Impacts:

Soil quality
Water quality

Activity: Rail operations

Aspect: Energy use: Consumption

Impacts:

Air quality
Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
Human health

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion
Habitat alteration
Land use
Soil quality
Water flow alteration
Water quality

Aspect: Nuisance: Noise

Impacts:

Disturbance
Human health

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

Habitat alteration
Species harassment
Species population change

Aspect: Emergency situations: Spills (POLs)

Impacts:

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Rail operations

Aspect: Emergency situations: Spills (POLs)

Impacts:

- Air quality
- Habitat alteration
- Human health
- Soil quality
- Water quality

Aspect: Air emissions: Vehicle emissions

Impacts:

- Air quality
- Human health
- Soil quality
- Water quality

Activity: Ranges (live-fire) operations

Aspect: Cultural resource affected: Archeological site

Impacts:

- Destruction or degradation
- Disturbance - archeological, historical, and/or cultural resource
- Modifications or improvements

Aspect: Energy use: Consumption

Impacts:

- Air quality
- Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)
- Human health

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

- Capability/function of wetland
- Habitat alteration
- Species harassment

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Ranges (live-fire) operations

Aspect: Natural resource affected: Habitat (beach, field, forest, riverine, lacustrine,

Impacts:

Species population change

Water flow alteration

Water quality

Aspect: Waste generation/disposal: Hazardous & Universal

Impacts:

Air quality

Human health

Land use

Soil quality

Water quality

Aspect: Land disturbance: Land disturbance

Impacts:

Erosion

Habitat alteration

Land use

Soil quality

Water flow alteration

Water quality

Aspect: Nuisance: Noise

Impacts:

Disturbance

Human health

Aspect: Recycled materials/recyclable waste: Recycled materials/recyclable waste

Impacts:

Change in quantity of fossil fuel resources (i.e. oil, coal, natural gas)

Change in quantity of materials available

Land use

Fort Eustis Aspects and Impacts by Area and Activity
identified by workshop participants February 26, 2004

Training Areas/Ranges Activities

Activity: Ranges (live-fire) operations

Aspect: Natural resource affected: Species affected (amphibian, aquatic, avian, te

Impacts:

Habitat alteration

Species harassment

Species population change

Aspect: Uncontrolled releases: Weapons/munitions

Impacts:

Air quality

Human health

Soil quality

Water quality