

ATSDR Federal Quarterly Report

22-Jul-04 07:59 AM

ACTUAL COMPLETION FROM :4/1/2004
ACTUAL COMPLETION TO :6/30/2004

DIVISION : HA

AF BRAC I/II/III

GENTILE AF STATION

OH3971524357

OH

ACTIVITY : MTG --- Public meeting

SCHEDULED START: Jun-01-2004 SCHEDULED COMPLETION: Jun-30-2004 ACTUAL COMPLETION: Jun-14-2004

Public Meeting -- Presentation of public comment draft PHA.

ATSDR held a community meeting on June 14, 2004, to present an overview of our evaluation process and the findings of the public health assessment for the Gentile community. Several agencies participated in the meeting and answered questions for the community during the question/answer period. The other agencies present included the Air Force, City of Kettering, Combined County Health District, Ohio Department of Health, and Ohio EPA. Approximately 6 to 10 residents attended the meeting. The residents had several questions related to our limited analysis for air exposures (those concerns were not specifically identified to us during the previous open house), clarification of extent to which we can evaluate past exposures (on the basis of the available data), and the validity of the evaluation because some people are reluctant to share information because they're afraid they could be fired.

We stressed that all written comments would be addressed in the final version of the report and asked them to send in their specific questions/comments/concerns by June 28th.

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Public

SCHEDULED START: Jan-01-2003 SCHEDULED COMPLETION: Jun-30-2004 ACTUAL COMPLETION: May-06-2004

PHA -- Public Comment Release.

The most common contaminants at the base are related to the historical storage of coal for the heating plant boiler and the use/disposal of solvents, petroleum products, and electronics equipment. The majority of the exposure concerns were related to PAHs, a few metals (predominately arsenic), and solvents.

ATSDR's review of available information indicates that people residing near the base are not currently exposed to site-related contaminants at levels that could result in adverse health effects. Past exposures to Gentile AFS-related contaminants that may have occurred by playing in the creek, flooding of the creek, using the on-base gardens to grow/consume produce, gardening or playing in yards affected by the coal pile run-off are not expected to cause health effects.

After evaluating available environmental information, ATSDR has drawn the following conclusions:

- Residents and base visitors may have been exposed to some of the contaminants identified in the soil, surface water, or sediment; however, these exposures are not expected to cause health effects.
- Neighboring homes are connected to the municipal water system. This system meets all federal, state, and local drinking water standards. Some neighbors may continue to use their private wells, but these would not be affected by Gentile AFS-related chemicals because the groundwater contamination does not extend off-base.

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: Apr-01-2004

Public Health Consultation -- Tribal Land Transfer Issues.

In response to requests by the Aroostook Band of Micmacs in central Aroostook County (Presque Isle, Maine), ATSDR reviewed the Air Force's Draft Human Health Risk Assessment for Fuel Tank Farm Drainage Area, East Branch of Greenlaw Brook, dated February 2004. The Human Health Risk Assessment included evaluation of exposures by ingestion, inhalation, and dermal contact of surface soil, sediments, and plants/vegetation, as well as, ingestion of surface water by the Micmac Tribe members and trespassers. Ingestion of wildlife was not considered as an exposure scenario.

ATSDR discussed the document with the Micmac Tribe by telephone. The Tribe expressed concern about the exposure scenarios because the actual exposure values used were EPA default values from the EPA Exposure Factors Handbook. They felt that HHRA considered only current uses of a few and not future uses as the Tribe reestablishes itself in the region. The Tribe would like ATSDR to use specific exposure values and scenarios in combination with the environmental data from Loring AFB to determine the hazards to the Tribe based on their current and, more importantly, future resource uses.

Further evaluation by ATSDR of exposure issues related to Loring Air Force Base is currently awaiting information specific to the tribal exposure scenarios that include pathways for freshwater and marine exposures. Tribal exposures are associated with tribal cultural and subsistence practices, including the use of natural resources for food, medicine, and spiritual practices.

The Aroostook Band of Micmacs in central Aroostook County is currently working with a tribe-hired risk assessor and others to document tribal cultural practices and resource-use patterns with the ultimate goal of developing tribally appropriate water quality standards. ATSDR will use the details of the exposure scenarios the tribe develops to determine the impact of contamination from former Loring AFB activities.

AF DERA**EIELSON AIR FORCE BASE****AK1570028646****AK****ACTIVITY : SAP --- Initial Assessment**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: Apr-01-2004

Initiate PHA Activities.

ATSDR initiated work on the public health assessment.

ACTIVITY : SAP --- Site Visits

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: Jun-10-2004

Site Visit

ATSDR conducted a site visit of Eielson AFB June 7--10, 2004. ATSDR met with staff from several on-base programs as well as Moose Creek community members and representatives of the Tanana Chiefs Conference. Issues that ATSDR discussed included PCB-contaminated fish in the Garrison Slough, on-base drinking water, and groundwater contamination from Area of Concern 8. Community concerns included elevated cancer rates in Moose Creek, and contaminated drinking water wells in Moose Creek.

ELMENDORF AIR FORCE BASE**AK8570028649****AK****ACTIVITY : SAP --- Site Visits**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Jun-30-2004 ACTUAL COMPLETION: May-15-2004

Site Visit

ATSDR conducted a site visit to Elmendorf AFB on May 9 - 15 2004. ATSDR met with Elmendorf AFB staff representing a number of programs. ATSDR will continue to work closely with base staff on technical content of the validation draft.

ATSDR also met with representatives of the Native Village of Eklutna and a representative of the Mountain View Neighborhood Association. Concerns of the Native Village of Eklutna include numerous issues related to sources of potential contamination in Ships Creek as well as subsistence-food issues related to impacts on watersheds by Elmendorf AFB.

GALENA AIR FORCE STATION**AK9570028655****AK****ACTIVITY : PHA --- Public Health Assessment****DOC RELEASE:** Pre Draft

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: Apr-23-2004

PHA Data Validation

The data validation draft of the Galena Air Force Base public health assessment was released on April 23, 2004.

HANSCOM FIELD/HANSCOM AIR FORCE BASE**MA8570024424****MA****ACTIVITY : PHA --- Public Health Assessment****DOC RELEASE: Final**

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: Apr-22-2004

PHA -- Final

ATSDR evaluated environmental sampling data from long-term monitoring and individual Installation Restoration Program site investigations. Overall, HF/HAFB poses no public health hazard.

Groundwater: Volatile organic compounds (VOCs) have been detected in groundwater beneath and immediately downgradient of HF/HAFB. However, this groundwater is not used as a drinking water source. Using groundwater flow models and off-site monitoring well data, ATSDR has concluded that public and private wells located downgradient of HF/HAFB have not been affected by site-related contamination.

Surface Soil: Most soil contamination areas at HF/HAFB were beneath the ground surface, and are thus generally inaccessible to the public. ATSDR evaluated the three areas where surface contamination was possible (CIRP Sites 4, 6, and 8). Because of the limited contamination found in these soils, previous and ongoing remedial actions, and institutional controls in place, no current or future health hazards are associated with these areas. Because no past monitoring data exists, the levels of contamination before remediation are unknown. However, the infrequent and incidental human contact associated with these areas would have made exposure to harmful levels unlikely.

Surface Water and Sediment: Expected doses from exposure to concentrations of contaminants measured in the Shawsheen River and surrounding wetlands are not likely to have caused adverse health effects. Consequently, no public health hazards are associated with using the Shawsheen River or surrounding wetlands for recreational purposes.

ARMY BRAC**FORT ORD****CA7210020676****CA****ACTIVITY : HCW --- Review of Environmental Sampling****DOC RELEASE: Pre Draft**

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: May-21-2004

Public Health Consultation -- Data Validation.

The data validation draft of the public health consult evaluating the controlled-burn air sampling data was released May 21, 2004.

ARMY DERA

VOLUNTEER ARMY AMMUNITION PLANT

TN6210020933

TN

ACTIVITY : MTG --- Group meetings (RAB)

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Jun-30-2004 ACTUAL COMPLETION: Jun-17-2004

Restoration Advisory Board Meeting

ATSDR presented an overview of the evaluation process and the findings of the draft public health assessment to the Restoration Advisory Board of the Volunteer Army Ammunition Plant.

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Public

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Mar-31-2004 ACTUAL COMPLETION: May-20-2004

PHA -- Public Comment Release

The most common contaminants at the base are related to the historical production of trinitrotoluene (TNT). Other contaminants identified at some on-site locations include volatile organic compounds (VOCs), pesticides, and metals.

ATSDR's review of available information indicates that people residing near the plant are not currently being, exposed to site-related contaminants at levels that could result in adverse health effects. Insufficient sampling prevents ATSDR from completely evaluating the potential for exposure while the plant was actively producing TNT.

After evaluating available environmental information, ATSDR has drawn the following conclusions:

- Residents may have had limited exposure to some of the contaminants identified in the soil, surface water, or sediment; however, the exposure is not expected to cause health effects.
- While the base was actively producing TNT, local residents may have been exposed to nitrogen and sulfur oxide emissions. These types of exposures are known to cause short-term respiratory effects. However, not enough data is available to determine whether long-term health effects could result from that exposure.
- Some groundwater contaminants migrate off-base. Not enough sampling data is available to identify if residents were exposed to some of the contaminants in the groundwater while they were using private groundwater wells for their drinking water. Currently all residents are believed to be connected to the municipal water system and are receiving water that meets federal, state and local standards.
- ATSDR suggests as a prudent public health action that residents who use groundwater to fill their swimming pool and have young children who use the pool daily during the swimming season periodically have the pool water tested for lead.
- The environmental investigation and remedial actions are consistent with the planned future uses of the property and will protect future users from exposure to VAAP-related chemicals that would be expected to cause health concerns.

FUDS**ANNETTE ISLAND****AK3690500167****AK****ACTIVITY : HCW --- Review of Environmental Sampling****DOC RELEASE: Final**

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: May-13-2004

Public Health Consultation -- Final

PHAs, pesticides, PCBs and metals were detected in the fish and shellfish collected around the Metlakatla Peninsul. However, the levels were too low to cause harmful health effects for the Metlakatla Indian Community, who subsist on seafood from the area. ATSDR concluded that fish and shellfish from the Metlakatla Peninsula are safe to eat.

FORMER CAMP SIBERT (GADSDEN/ETOWAH & ST CLAIR CTY) TEMP_AL_4928**AL****ACTIVITY : MTG --- Informal meeting**

SCHEDULED START: Mar-02-2004

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: May-19-2004

Meeting with Petitioners

ATSDR staff met with petitioners to discuss health concerns related to Former Camp Sibert, Alabama. General concerns about excess cancer in the area were discussed. Staff took a "windshield tour" of the area. Specific sites of interest included the Etowah County Public High School, a day care center, and a Wal-Mart construction site. These are all on former Camp Sibert property. ATSDR informed the petitioners about a public meeting held by the Corps of Engineers on May 27.

SPRINGVALLEY CHEMICAL MUNITIONS**DCXCRA175000****DC****ACTIVITY : HCW --- Review of Environmental Sampling****DOC RELEASE: Pre Draft**

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: Apr-02-2004

Public Health Consultation -- Environmental Overview -- Data Validation

The data validation draft of the Spring Valley public health consultation, which reviews past and current soil sampling information, was released on April 2, 2004.

NAVY BRAC**AGANA NAVAL AIR STATION****GU0170027320****GU****ACTIVITY : MTG --- Group meetings**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-17-2004

Meeting with Naval Pacific Engineering Facilities Command

On May 17, 2004, ATSDR staff met with the Naval Pacific Engineering Facilities Command (PACNAVFACENGCOM) to provide a summary of ATSDR activities involving the former Navy Agana Power Plant.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-20-2004

Meeting with Guam Department of Health and Social Services

On May 20, 2004, ATSDR staff met with Guam Department of Public Health and Social Services to provide a summary of ATSDR activities involving the former Navy Agana Power Plant.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-21-2004

Meeting with Guam Agriculture.

On May 21, 2004, ATSDR staff met with representatives of Guam Agriculture to provide a summary of ATSDR activities involving the former Navy Agana Power Plant.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-26-2004

Meeting with Guam EPA, Guam Coastal Management, Guam Agriculture, the Governor's Community Outreach Federal Programs Office, and Guam Bureau of Statistics and Plans

On May 26, 2004, ATSDR held a meeting with Guam EPA, Guam Coastal Management, Guam Agriculture, the Governor's Community Outreach Federal Programs Office, and Guam Bureau of Statistics and Plans to discuss technical issues related to the Former Navy Agana Power Plant public health assessment.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-24-2004

Telephone Briefings for Various Agencies

ATSDR informed various agencies by telephone of the planned meetings and provided brief summaries of ATSDR activities.

The following were contacted:

The environmental office and Public Affairs Office of the Commander,

- U.S. Naval Forces, Marianas
- Mayor Andrew Villagomez, Mongmong
- Guam Power Authority
- Guam Homeland Security
- Guam Department of Labor
- Guam Public Works
- Guam Fire Department.

ACTIVITY : MTG --- Public meeting

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: May-25-2004

Public Meeting to discuss public health assessment.

On May 25, 2004, ATSDR held a public meeting (co-sponsored by Guam EPA and Guam Public Health and Social Services) at the community church in Mongmong to discuss the findings of the public health assessment for the former Navy Agana Power plant. Representatives from University of Guam and the Governor's Community Outreach Federal Program's Office also attended the meeting. No community members from the immediate Mongmong area attended. The meeting was advertised by the church and the Mayor's staff. Some members of the adjacent village of Toto attended. They expressed concerns about potential exposure of their village to surface- water runoff from the Agana Power Plant. On May 27, 2004, ATSDR staff visited the site and re-evaluated site drainage and potential for surface water runoff. ATSDR staff also took GPS readings at intersections and bridges to help resolve mapping issues in the PHA, as requested by community members in previous meetings. ATSDR will address these concerns in the final PHA.

NAVY DERA**JACKSON PARK HOUSING COMPLEX (USNAVY)****WA3170090044****WA****ACTIVITY : SAP --- Site Visits**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: Jun-23-2004

Site Visit

ATSDR conducted a site visit of the Jackson Park Housing Complex on June 23, 2004. ATSDR met with staff from various programs as well as with representatives from EPA, Washington Department of Ecology and the Suquamish Tribe. Issues being addressed by the Navy at the site include Munitions/UXO and sediment and biota contamination.

NCBC GULFPORT**MS2170022626****MS****ACTIVITY : HCV --- Other**

SCHEDULED START: Jun-21-2004 SCHEDULED COMPLETION: Jun-24-2004 ACTUAL COMPLETION: Jun-24-2004

Verbal Public Health Consultation -- Provided information on blood dioxin testing and site work.

ATSDR received a call from citizen who wanted information about how to get tested for dioxin body burden. ATSDR staff discussed what could be expected from blood sampling, and merits of blood versus fat sampling. ATSDR provided detailed information on blood sampling, labs, costs, methodology and sampling limitations in writing by FAX. ATSDR spoke at length regarding work at NCBC Gulfport and discussed citizens concerns regarding: utility of past biota sampling and how ATSDR considers this data, extent of exposure to dioxin in soil, and the purpose for internal data validation review and how it relates to ATSDR's independence and objectivity in arriving at conclusions about health impacts of exposure.

ACTIVITY : PHA --- Public Health Assessment**DOC RELEASE: Pre Draft**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-06-2004

PHA -- Data Validation

The data validation draft of the public health assessment was released May 6, 2004.

OROTE LANDFILL/AGAT BAY(USN MARIANAS)**GUXCRA758000****GU****ACTIVITY : HCW --- Review of Environmental Sampling****DOC RELEASE: Final**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-01-2004

Public Health Consultation -- Review of Additional Fish Sampling. Activity cancelled because of data quality.

The Navy and regulatory agencies reviewed the latest fish sampling information and determined that the data would not provide adequate information on which to base changes in fish-consumption advisories. ATSDR canceled review of the data.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-17-2004

Meeting with the Naval Pacific Engineering Facilities Command

On May 17, 2004, ATSDR staff met with the Naval Pacific Engineering Facilities Command (PACNAVFACENGCOM) to provide a summary of ATSDR activities involving Orote Landfill Seafood Advisory Area.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-20-2004

Meeting with Guam Department of Public Health and Social Services

On May 20, 2004, ATSDR staff met with Guam Department of Public Health and Social Services to provide a summary of ATSDR activities involving the Orote Landfill Seafood Advisory Area.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-21-2004

Meeting with Representatives of Guam Agriculture

On May 21, 2004, ATSDR staff met with representatives of Guam Agriculture to provide a summary of ATSDR activities involving the Orote Landfill Seafood Advisory Area.

ACTIVITY : MTG --- Group meetings

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-26-2004

Meeting with Guam EPA, Guam Coastal Management, Guam Agriculture, the Governor's Community Outreach Federal Programs Office, and Guam Bureau of Statistics and Plans

On May 26, 2004, ATSDR held a meeting with Guam EPA, Guam Coastal Management, Guam Agriculture, the Governor's Community Outreach Federal Programs Office, and Guam Bureau of Statistics and Plans to discuss technical issues related to the Former Navy Agana Power Plant public health assessment. At the end of this meeting, ATSDR provided an opportunity for discussion of Orote Seafood Advisory Area issues. The agencies had no additional comments or questions regarding ATSDR's activities on the Orote Seafood Advisory Area.

PUGET SOUND NAVAL SHIPYARD COMPLEX**WA2170023418****WA****ACTIVITY : SAP --- Site Visits**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: Jun-22-2004

Site Visit

ATSDR conducted a site visit of Bremerton Naval Complex/Puget Sound Naval Shipyard on June 22, 2004. ATSDR met with staff of different programs as well with representatives from EPA and the Suquamish Tribe. ATSDR will review available data and information to develop the public health assessment.

QUANTICO MARINE CORPS COMBAT DEVELOPMENT COMMA**VA1170024722****VA****ACTIVITY : PHA --- Public Health Assessment****DOC RELEASE: Final**

SCHEDULED START: Oct-01-2003 SCHEDULED COMPLETION: Sep-30-2004 ACTUAL COMPLETION: May-11-2004

PHA -- Final

ATSDR identified three exposure situations at the installation. These included exposure to lead in surface soil of the former rifle range, exposure to lead-based paint in family housing, and consumption of contaminated fish and shellfish from the Quantico Embayment. ATSDR determined that these exposures were limited and did not pose a health hazard because of site-access restrictions, ongoing remedial actions, and low levels of contamination in completed exposure pathways. ATSDR recommended that existing fish-consumption advisories include updated information on high-end consumers and additional species of fish. ATSDR also recommended that as family housing renovation proceeds, confirmatory lead testing be conducted in renovated units prior to occupancy to ensure that lead hazards have been abated.

ST. JULIENS CREEK ANNEX (U.S. NAVY)**VA5170000181****VA****ACTIVITY : PHA --- Public Health Assessment****DOC RELEASE: Final**

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: May-12-2004

PHA -- Final

St. Juliens Creek Annex was used to store and load/unload ordnance from ships. Current use includes a radar test range, salvage operations, and light industrial activities. Relatively small areas throughout the site are still contaminated, and many of these are adjacent to marshes or lowland areas connected to St. Juliens Creek or to the Elizabeth River. Most contaminated sites in the area are being cleaned up or have been cleaned up already. While contaminants remain in some areas, people are unlikely to come into contact with them often enough or long enough to cause health concerns.

Because of past operations, a potential exists for the presence of unexploded ordnance (UXO) in the Elizabeth River sediment. Previous investigations have located metal objects in the sediment, but have not determined whether these objects are UXO. Public access to St. Juliens Creek Annex is limited, making it unlikely that people will contact any remaining ordnance.

WHIDBEY ISLAND NAVAL AIR STATION (AULT FIELD)**WA5170090059****WA****ACTIVITY : SAP --- Site Visits**

SCHEDULED START: Oct-01-2003

SCHEDULED COMPLETION: Sep-30-2004

ACTUAL COMPLETION: Jun-25-2004

Site Visit

ATSDR conducted a site visit of Whidbey Island Naval Air Station June 24-25, 2004. ATSDR met with staff of different programs as well with a community member. ATSDR will review past and current information that addresses the previous public health assessment recommendations. A public health consultation will be developed to summarize current public health activities.