

Shepherd, Malcolm

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PD0301

August 25, 2008

My name is Malcolm Shepherd. I'm an employee of Full Spectrum. We're located in Jackson, Mississippi and I was just calling to voice my support of this facility being located in Flora.

1|24.5

We don't think there's a better site anywhere in the country. We have the research capabilities. We have universities, medical centers here, and this is the proper place for a facility like that.

I simply wanted to go on record by stating that directly. And I do support that facility being located in Flora, Madison County, Mississippi.

Again, my name is Malcolm Shepherd and I work with Full Spectrum South, a subsidiary of Full Spectrum, New York.

Thank you.

Comment No: 1

Issue Code: 24.5

DHS notes the commentor's support for the Flora Industrial Park Site Alternative.

Shepherd, Randy

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WD0604

From: Randy Shepherd [rshepherd@lawsconstruction.com]
Sent: Saturday, August 23, 2008 5:27 PM
To: NBAFProgramManager
Subject: Research Facility

1|24.5 |I support the proposed facility in Flora, Ms
Randy Shepherd
Vice President of Operations
Laws Construction Co., Inc.
Phone (601) 933-1990 rshepherd@lawsconstruction.com

Laws Construction has had this message scanned for viruses by Message Labs.

Comment No: 1 Issue Code: 24.5
DHS notes the commentor's support for the Flora Industrial Park Site Alternative.

Shields, Kathy

Page 1 of 1

PD0069

August 14, 2008

Hello,

1|25.4 My name is Cathy Shields. I live in [REDACTED] and I would like to express my opposition to the NBAF Level-4 lab being placed in Manhattan, Kansas.

2|21.4 Some of my reasonings are: One: It has not been proven that the lab can withstand a F4 or F5 tornado. We just had an F4 tornado come through town on June 11, 2008 and we are prone to tornados in this area, and I do not want to put my family and friends at undue risk.

Secondly, we are in the heart of livestock country. If a disease such as foot and mouth were to escape, it would be devastating to hundreds upon thousands of citizens who would loose their livelihoods.

1 Cont.|25.4 Third, we do not want the lab here to do possible contamination from leaks into the air or water systems.

Fourth, many articles say that we have Lyme Disease and West Nile virus due to leaks at Plum Island. So there's no guarantee we won't have a leak here.

Another item - I don't want to take the risk of someone from the lab doing a terroristic act such as what just recently happened with the anthrax.

3|24.1 I strongly believe that if this lab is built, that it should be placed on Plum Island, away, as far away from humans as possible. Even though it maybe more expensive to place the lab there initially. I believe it's worth the extra expense as opposed to putting that risk

3 cont.| here in Kansas when we have such of our...our economy is based on livestock. So, my vote is to put the lab on Plum Island, not Manhattan, Kansas. Actually, nowhere on the
24.1; mainland.
4|5.0

Thank you for listening to my comment.

Comment No: 1 Issue Code: 25.4

DHS notes the commentor's opposition to the Manhattan Campus Site Alternative.

Comment No: 2 Issue Code: 21.4

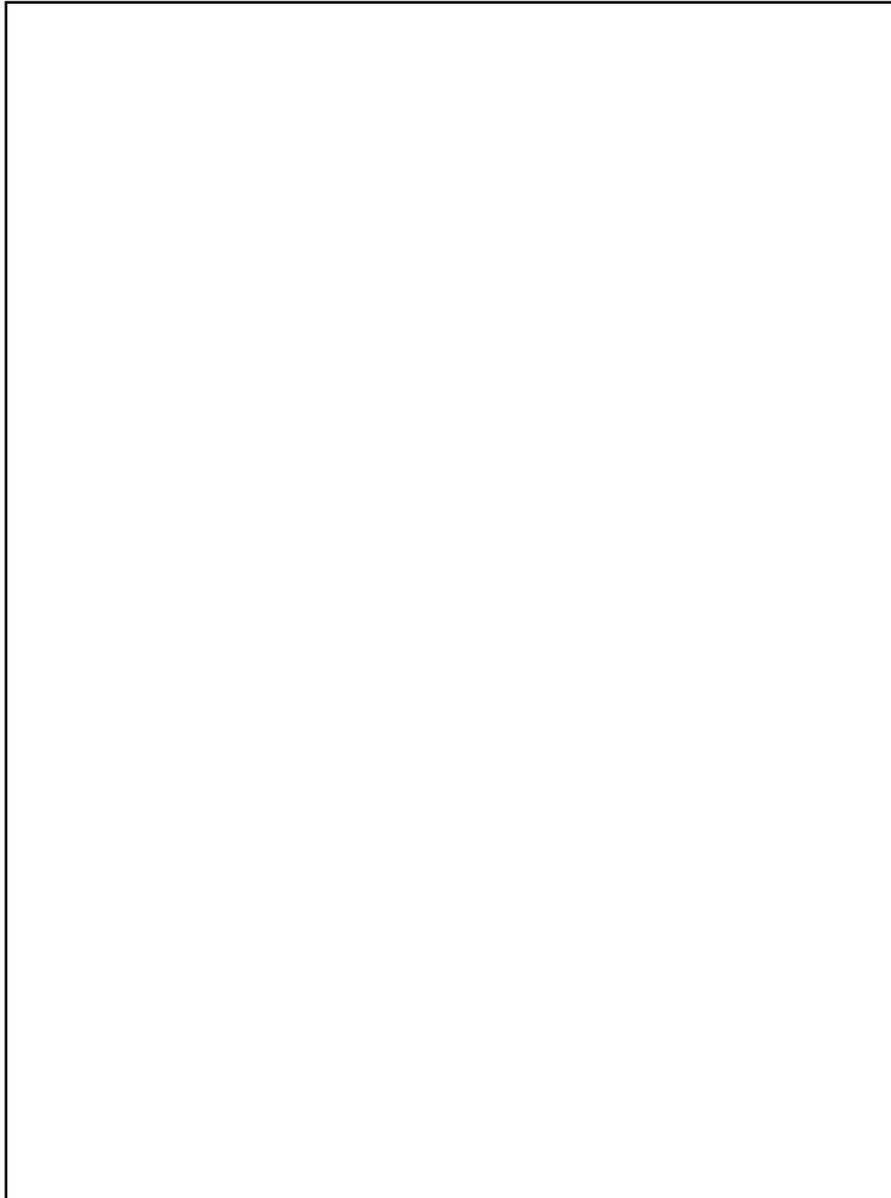
DHS notes the commentor's concern regarding potential tornado impacts to the NBAF. The NBAF would be designed and built to withstand the normal meteorological conditions that are present within the geographic area of the selected site (hurricanes, tornados, etc.). Given the nature of the facility, more stringent building codes are applied to the NBAF than are used for homes and most businesses, regardless of which NBAF site is chosen. The building would be built to withstand wind pressures up to 170% of the winds which are expected to occur locally within a period of 50 years. This means the building's structural system could resist a wind speed that is expected to occur, on the average, only once in a 500 year period.

In the unlikely event that a 500-year wind storm strikes the facility, the interior BSL-3Ag and BSL-4 spaces would be expected to withstand a 200 mph wind load (commonly determined to be an F3 tornado). If the NBAF took a direct hit from an F3 tornado, the exterior walls and roofing of the building would likely fail first. This breach in the exterior skin would cause a dramatic increase in internal pressures leading to further failure of the building's interior and exterior walls. However, the loss of these architectural wall components should actually decrease the overall wind loading applied to the building, and diminish the possibility of damage to the building's primary structural system. Since the walls of the BSL-3Ag and BSL-4 spaces would be reinforced cast-in-place concrete, those inner walls would be expected to withstand the tornado.

Chapter 3, Section 3.14 and Appendix E of the NBAF EIS investigate the chances of a variety of accidents that could occur with the proposed NBAF and consequences of potential accidents. DHS cannot guarantee that the NBAF would never experience an accident; however, the risk of an accidental release of a pathogen from the NBAF is extremely low. The economic impact of an accidental release, including the impact on the livestock-related industries, is presented in Chapter 3, Section 3.10.9 and Appendix D of the NBAF EIS. The major economic effect from an accidental release of a pathogen would be a potential ban on all U.S. livestock products until the country was determined to be disease-free.

DHS notes the commentor's opposition to the Manhattan Campus Site Alternative.

DHS notes the commentor's concern regarding the NBAF. The purpose and need for the proposed action is discussed in Chapter 1 of the NBAF EIS. DHS can not guarantee that the NBAF would never experience an accident. However, as discussed in Section 2.2.1.1, modern biosafety design substantially diminishes the chances of a release as the primary design goal is to provide an adequate level of redundant safety and biocontainment that would be integrated into every component of the building. A discussion of human health and safety is included in Section 3.14.



DHS notes the commentor's concern regarding a malicious and criminal act perpetrated by an NBAF employee. Section 3.14 and Appendix E of the NBAF EIS address accident scenarios, including internal and external events such as an "insider" criminal act and terrorist attack. A separate Threat and Risk Assessment (TRA) (designated as For Official Use Only) was developed outside of the EIS process in accordance with the requirements stipulated in federal regulations. The purpose of the TRA was to identify potential vulnerabilities and weaknesses associated with the NBAF and are used to recommend the most prudent measures to establish a reasonable level of risk for the security of operations of the NBAF and public safety.

Comment No: 3 Issue Code: 24.1

DHS notes the commentor's support for the Plum Island Site Alternative.

Comment No: 4 Issue Code: 5.0

DHS notes the commentor's opposition to the five mainland site alternatives.

Shive, Jr., PhD, Robert

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WD0638

From: Shive, Bob [REDACTED]
Sent: Friday, August 22, 2008 8:48 PM
To: NBAFProgramManager
Cc: Lewis Slater
Subject: Support of Lab Location for Mississippi

1|24.5 | I support the site selection of Flora, MS for the National Bio and Agro Defense Facility.

Robert A. Shive, Jr., Ph.D.
[REDACTED] MS

Comment No: 1 Issue Code: 24.5
DHS notes the commentator's support for the Flora Industrial Park Site Alternative.

Shiver, Lindsey

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WD0320

From: Lindsey Shiver [REDACTED]
Sent: Monday, August 18, 2008 12:21 PM
To: NBAFProgramManager
Subject: Opposed to NBAF in Georgia

1/25.2 Please do not build the NBAF in [REDACTED] Clarke County, Georgia. We do not want it here.
Please build it in another location.
Lindsey Shiver

Comment No: 1 Issue Code: 25.2
DHS notes the commentor's opposition to the South Milledge Avenue Site Alternative.

Shockey, Wesley

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WD0297

From: wesley shockey [REDACTED]
Sent: Friday, August 15, 2008 6:41 PM
To: NBAFProgramManager
Subject: Support for the Manhattan, KS location

Mr. James V. Johnson
 Department of Homeland Security

Dear Sir,

1|24.4 | I am writing to express my support and recommendation of Manhattan Kansas as the site for the NBAF facility. Not only does this location have Kansas State University onsite to partner with and enhance the facility, there are many advantages to the site.

The location is centralized in the country, The Governor and legislature of Kansas have been developing and putting money towards expanding and attracting bioscience facilities and academic talents. The College of Veterinary Medicine, The College of Food Science, The College of Animal Science and The Agro Bio-Defense Facilities are already on site with experienced scientists and nationally recognized programs. Kansas State University has a long and distinguished record of innovation and experience with all matters concerning Agriculture and Animal studies.

2|21.4 | The semi-rural nature of the location of the site helps to isolate and mitigate some of the potential dangers a facility might present in a more densely populated area. I also feel that the next door proximity to Fort Riley the home of the Army's 1st Infantry Division is a huge added bonus having that potential security for the area already on-site should an attempted terrorist type attack by attempted on the facility.

Manhattan is also a beautiful and friendly community that would be easy to attract academic and scientific experience and talent to. Manhattan offers a commute to the Kansas City Metro area that is comparable to the in-town commute many in large cities already face.

1 cont. | I know the State of Kansas, The community of Manhattan, and Kansas State University would
 24.4; | welcome and embrace such a facility and the potential economic and growth opportunities that
 3|15.4 | having the NBAF in Manhattan would present.

Sincerely,
 Wesley Shockey

Comment No: 1 Issue Code: 24.4

DHS notes the commentor's support for the Manhattan Campus Site Alternative.

Comment No: 2 Issue Code: 21.4

DHS notes the commentor's statement.

Comment No: 3 Issue Code: 15.4

DHS notes the commentor's statement. The economic impacts resulting from the construction and the normal operations of the proposed NBAF at the Manhattan Campus Site Alternative are discussed in Section 3.10.4 of the NBAF DEIS.

Shuford, Amy

Page 1 of 1

WD0027

From: Amy Shuford [REDACTED]
Sent: Tuesday, July 01, 2008 5:42 PM
To: NBAFProgramManager
Subject: NBAF

To Whom It May Concern:

1) 25.2 I am a resident of Watkinsville, Georgia. My husband and I are raising our three children here, about a mile from the proposed NBAF site. I realize that some of our legislators and university faculty are enthusiastically courting the NBAF and would love to see it come to Athens. But you should know that there is a significant population of local residents that oppose the NBAF. We DO NOT want this facility.

2) 5.2
 3) 15.2 Recently, it has been revealed that the study that supported the facility's move to the mainland was flawed. Whether or not this is the case, there is no justification for moving a facility of this type into a residential area. We reside in Oconee county, and the proposed facility site is actually closer to downtown Watkinsville than it is to downtown Athens. Many residents of Oconee county have not given much thought to the NBAF, not realizing the proposed site's proximity. Word is beginning to spread, and opponents of the plan are organizing.

If you decide to move this facility to a mainland, at least pick a spot that is not a stone's throw from residential neighborhoods. Please hear me... we do not want NBAF in Athens. Put it somewhere else.

Sincerely,

Mrs. Amy Shuford
 [REDACTED]

P.S. Please use the above address to keep me informed about your plans.

Comment No: 1 Issue Code: 25.2

DHS notes the commentor's opposition to the South Milledge Avenue Site Alternative.

Comment No: 2 Issue Code: 5.2

DHS notes the commentor's statement. As described in Section 2.3.1, DHS's site selection process incorporated site selection criteria that included, but were not limited to, such factors as proximity to research capabilities and workforce. As such, some but not all of the sites selected for analysis as reasonable alternatives in the NBAF EIS are located in suburban or sem-urban areas. It has been shown that modern biosafety laboratories can be safely operated in populated areas. An example is the Centers for Disease Control and Prevention in downtown Atlanta, Georgia, where such facilities employ modern biocontainment technologies and safety protocols, such as would be employed in the design, construction, and operation of NBAF.

Comment No: 3 Issue Code: 15.2

DHS notes the commentor's concern. The risks and associated potential effects to human health and safety were evaluated in Section 3.14 of the Draft EIS. The risks were determined to be low for all site alternatives. As described in Section 2.3.1 of the NBAF EIS, DHS's site selection criteria included, but were not limited to, such factors as proximity to research capabilities and workforce. As such, some but not all of the sites selected for analysis as reasonable alternatives in the NBAF EIS are located in suburban or semi-urban areas. Nevertheless, it has been shown that modern biosafety laboratories can be safely operated in populated areas. An example is the Centers for Disease Control and Prevention in downtown Atlanta, Georgia, where such facilities employ modern biocontainment technologies and safety protocols, such as would be employed in the design, construction, and operation of NBAF.

Shull, Joan

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PD0355

August 25, 2008

1| 25.4 | This is Joan Shull in ██████████ Kansas. I live within a mile of where the building would be built, and I am not a bit happy about it considering all the animals and people who are in close contact with that building.

| So, I would like to register a definite no as far as I'm concerned.

Thank you.

Comment No: 1

Issue Code: 25.4

DHS notes the commentor's opposition to the Manhattan Campus Site Alternative.

Sibbitt, Margaret

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MD0112

Margaret Sibbitt

[Redacted]

[Redacted]

[Redacted]

August 13, 2008

Mr. James V. Johnson

U.S. Department of Security

Science and Technology Directorate

Mail Stop #2100 245 Murray Lane

Building 410

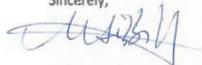
Washington, D.C. 20528

Dear Mr. Johnson:

1|21.1 | I am distressed at the news that you are considering re-locating the NBAF at Plum Island to the Mainland. The world we live in is far too dangerous to put the Mainland in such jeopardy. Between the dangers of foot and mouth disease, anthrax, and a whole host of other animal diseases it is incomprehensible why you would not want to keep this safely quarantined.

2|24.1 | Please keep the NBAF at Plum Island and keep America and its agricultural industry and people safe.

Sincerely,



Margaret Sibbitt

Rancher

Comment No: 1 Issue Code: 21.1

DHS notes the commentor's views on risk. DHS believes that experience shows that facilities utilizing modern biocontainment technologies and safety protocols, such as would be employed in the design, construction, and operation of the NBAF, would enable the NBAF to be safely operated with a minimal degree of risk, regardless of the site chosen.

Comment No: 2 Issue Code: 24.1

DHS notes the commentor's support for the Plum Island Site Alternative.

Sidorfsky, Donna

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PD0318

August 25, 2008

Hi.

My name is Donna Sidorfsky. I live in ██████████ Kansas, and I am definitely opposed to having the NBAF here in Kansas. The risks far outweigh the benefits. Definitely a no vote.

1| 25.4

Thank you very much.

Bye.

Comment No: 1

Issue Code: 25.4

DHS notes the commentator's opposition to the Manhattan Campus Site Alternative.

Sikora, Rae

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WD0379

From: Rae Sikora [REDACTED]
Sent: Tuesday, August 19, 2008 6:30 PM
To: NBAFProgramManager
Subject: Opposed to the lab.

1|25.2 | Our family lives in Athens and we do not want the lab here. Ideally we don't want to see this lab anywhere, but we will not live in a community with such a hazardous, violent and short sited program. If the lab comes to Athens, our family and many others we know will begin the process of relocating. Although this may seem extreme to those working to bring the lab to Athens, it is not at all extreme. We have seen first hand what happens when projects like this come to once healthy communities.

Please keep the lab out of Athens.

Rae Sikora
[REDACTED]

Comment No: 1 Issue Code: 25.2
DHS notes the commentor's opposition to the South Milledge Avenue Site Alternative.

Simmons, Nick

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WD0196

From: Nick Simmons [REDACTED]
Sent: Wednesday, August 06, 2008 10:19 AM
To: NBAFProgramManager
Subject: National Bio and Agro-Defense Facility

1|24.5 | I would like to pledge my support of the National Bio and Agro-Defense Facility to be built at the Flora, Mississippi site. I believe that taken what this site has to offer and the overall approval of the community and those around it, that it should be considered as the top choice. This will bring forth new and important jobs for individuals in the state and would allow for many new advancements in pharmaceuticals for livestock, one of the states main sources of industry. Thank you for your time.

Comment No: 1 Issue Code: 24.5
DHS notes the commentor's support for the Flora Industrial Park Site Alternative.

Sinnett, E. Robert

Page 1 of 1

PD0122

August 20, 2008

1|21.0 | I'm greatly concerned about the risks and possible accidents that can happen.

E. Robert Sinnett, [REDACTED]

Bye.

Comment No: 1 Issue Code: 21.0

DHS notes the commentor's views on risk. DHS believes that experience shows that facilities utilizing modern biocontainment technologies and safety protocols, such as would be employed in the design, construction, and operation of the NBAF, would enable the NBAF to be safely operated with a minimal degree of risk, regardless of the site chosen.

Skipper, Julie

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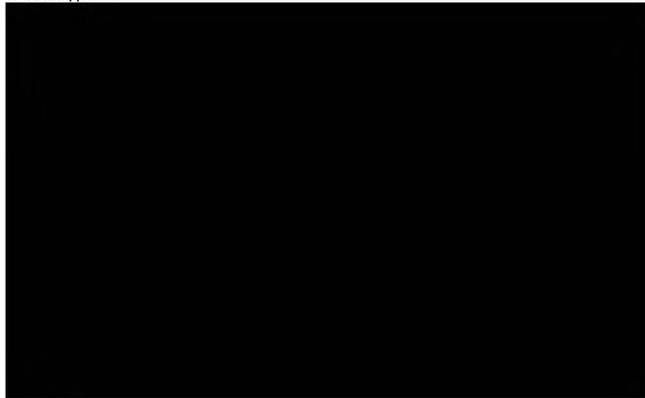
WD0447

From: Skipper, Julie C. [REDACTED]
Sent: Friday, August 22, 2008 4:05 PM
To: NBAFProgramManager
Subject: Mississippi site

1) 24.5

Having the NBAF facility located at the Flora, Mississippi site would mean a tremendous amount to the state and the community here. I am in favor of the site being located here and am thoroughly impressed with all that I've heard about the facility. It's amazing to think that such important and groundbreaking research would be done here. Mississippi is also lucky to have such wonderful partners in our consortium, and has worked incredibly hard on its proposal. The support for the facility being located here that I have seen in the community is also great.

Julie C. Skipper



Comment No: 1 Issue Code: 24.5
DHS notes the commentor's support for the Flora Industrial Park Site Alternative.

Slater, Louis

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PD0354

August 25, 2008

This is Louis Slater and I work for the greater Jackson Chamber Partnership, and I would like to voice my comments and support of the NBAF facility that is being considered for Flora, Mississippi.

1|24.5

This facility would be a big economic boost to our area. It would also provide many new employment opportunities for young college graduates in the Jackson area.

We believe that the greater Jackson area has all the facilities needed to make employees transferred here to feel welcome and would enjoy a high quality of life.

For these reasons, I would like to add my support to this proposal.

Thank you.

Comment No: 1

Issue Code: 24.5

DHS notes the commentor's support for the Flora Industrial Park Site Alternative.

Slaughter, William

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NCD015

National Bio and Agro-Defense Facility Draft Environmental Impact Statement Comment Form

Personal information is optional as this document is part of the public record and may be reproduced in its entirety in the final National Bio and Agro-Defense Facility Environmental Impact Statement.

Name: W.O. Slaughter

Title: _____

Organization: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Comments: In view of all comments & questions I can agree with those who have said we don't need this facility here in North Carolina all together. Due to lack of rain fall, ground water (pollution of viruses probabilities) population to increase for some thing of this sort of facility. Also lets not forget the Air we breath, I can say this for the rest of South Granville and vicinity Take your Bio lab some where else!!

We can't afford the Mishaps!!

(Continued on back for your convenience)

Comment No: 1 Issue Code: 25.3
 DHS notes the commentor's opposition to the Umstead Research Farm Site Alternative.

Comment No: 2 Issue Code: 21.3
 DHS notes the commentor's statement.

Slenning, Barrett

Page 1 of 5

WD0017

From: Barrett Slenning [barrett_slenning@ncsu.edu]
Sent: Friday, June 27, 2008 3:10 PM
To: NBAFProgramManager
Subject: DEIS Correction: Vehicles per day for the Butner site
Attachments: Granville County 2006 AADT Map.pdf; Pages from nbaf_deis_chapter3_3.9_3.13.pdf

1| 17.3 An issue has been brought to our attention on DEIS 3-324. The estimate for trips per day on the bordering roads are incorrect. Please see the communications and attached documents for the correct data. In short:

1. Avg vehicles per day, Old Hwy 75 - 4800-6200 (depending on roadway section; we believe an average of the two is credible)
2. One-time estimate of vehicles per day, Range Road - 381.

It appears the incorrect data are actually the road segment distances shown on the attached map, not vehicle counts. Let me know if this is sufficient.

--- Barrett

----- Original Message -----

Subject: FW: AADT on Range Road and Old 75
Date: Tue, 24 Jun 2008 15:14:22 -0400
From: Brian Alligood <brian.alligood@granvillecounty.org>
To: Barrett Slenning <barrett_slenning@ncsu.edu>, <bdslenni@unity.ncsu.edu>

Dr. Slenning,

It looks like someone misread the 2006 NCDOT AADT map of Granville County and took the section mileage to be the AADT count. Below is an e-mail from Shelby Powell, Kerr-Tar COG Transportation Planner, that lists the correct numbers. Please let me know if you need anything else. Thanks.

Comment No: 1 Issue Code: 17.3

DHS notes the commentor's concern regarding the reported potential for a large increase in average daily traffic volume from NBAF operations at the Umstead Research Farm Site Alternative. This projected large increase in traffic volume from NBAF operations, as reported in Section 3.11.7.3.1 of the NBAF EIS, was based on incorrect values for average daily traffic (ADT) on the primary traffic corridors servicing the NBAF. The corrected values for average daily traffic volume on Range Road of 381 vehicles per day (impact to traffic of 2.6% increase) and on Old Highway 75 of 5,500 vehicles per day (impact to traffic of 0.2% increase) demonstrate low projected impact to the traffic and transportation infrastructure from the NBAF operations at the Umstead Research Farm Site Alternative. DHS will modify the NBAF EIS to reflect these corrections.

Slenning, Barrett

Page 2 of 5

-Brian

Brian M. Alligood
Granville County Manager
P.O. Box 906
Oxford, North Carolina 27565
Phone: 919-693-5240
Fax: 919-690-1766

E-mail: brian.alligood@granvillecounty.org
<<mailto:brian.alligood@granvillecounty.org>>
Web: www.granvillecounty.org

From: Shelby Powell [<mailto:spowell@kerrtarco.org>]
Sent: Tuesday, June 24, 2008 12:20 PM
To: Brian Alligood
Subject: RE: AADT on Range Road and Old 75

Brian -

I have the 2006 GIS data from NCDOT - the latest counts they've publicly released on Old 75 are from 2005. On Old 75 north of 33rd St, the 2005 AADT is 4800. On Old 75 west of Veazey Rd, the 2005 AADT is 6200. NCDOT does not have counts for the SR 1121 section of Range Road in Granville County; however, the RPO did a raw 24-hour count in 2005 in preparation for your CTP. Our AADT number for Range Road near Old 75 (on the SR 1121 section) was 381. I don't know where those 2 vehicle per day numbers came from...I can look into it w/ NCDOT staff if you'd like though. (I'm leaving the office for the day in a few minutes, but you can reach me on my cell - 919-428-0781) or I can respond to email tomorrow when I return).

Hope this helps!

Shelby

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Slenning, Barrett

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Barrett D. Slenning MS, DVM, MPVM
Population Health & Pathobiology Dept
College of Veterinary Medicine, Campus Box 8401
North Carolina State University, Raleigh, NC 27606
email: barrett_slenning<at>ncsu<dot>edu
ph: 919.513.6324 fax: 919.513.6464

Slenning, Barrett

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NBAF Draft Environmental Impact Statement

3.11.7.3 Operation Consequences

3.11.7.3.1 Highways and Roads

According to a 2007 comprehensive transportation plan prepared by the County of Granville, North Carolina, the transportation corridors critical to the Umstead Research Farm NBAF include SR 1121 (Range Road) and Old Route 75 (GCCTP 2007). The Umstead Research Farm Site would be accessed primarily from Range Road. Currently, a dirt road intersecting Range Road leads to the site. Approximately 4,100 feet of new road would replace the dirt road to connect the Umstead Research Farm Site to Range Road. Access to Range Road is from Old Route 75. Both routes have been designated as boulevards needing improvement by the County of Granville, Comprehensive Transportation Plan of 2007. Planned improvements to Range Road include (from Old Route 75 to Little Mountain Road) constructing new four-lane divided highway with raised median facility, curb, gutter, and 110 foot right-of-way (ROW). There would also be a need for a deceleration lane and a left turn lane on Range Road at the Umstead Research Farm NBAF driveway entrance to facilitate traffic flow (NDP 2007a). Planned improvements to Old Route 75 include (from Julian Daniel to Range Road) widening of Old Route 75 to a four-lane divided highway with raised median facility, curb, gutter, and 110 foot ROW (Granville County 2007).

The 2006 ADT for Range Road (SR 1121) and Old Route 75 were reported by the North Carolina Department of Transportation (NCDOT) as 2.0 and 2.2 vehicles per day, respectively (NCDOT 2006). The Umstead Research Farm NBAF is projected to impact the transportation infrastructure in the identified transportation corridors by the addition of 350 new employees making approximately 1,000 trips per day. This impact would increase the average daily traffic volume on both Range Road and Old Route 75 by approximately 476%.

The Town of Butner would provide fire and emergency services to the NBAF (NCDCCPS 2007). Butner's fire fighting equipment includes two class-A pump trucks, one 95-foot ladder truck, one 2,000-gallon tanker, and one skid unit brush truck. The response time for fire and emergency services to the NBAF would range from 7 to 10 min based on a response distance of approximately 5.0 miles at an average response speed of 40 mph.

Cumulative Impacts

The ROI for traffic was determined to be the 2-mile radius around the Umstead Research Farm Site. The NBAF would result in an increase in traffic in the immediate area. However, no future traffic impacts have been identified since there are no future planned projects proposed for the area. Recent population growth trends for Granville County are located either in Oxford or the southern portion of the county. Therefore, it is not likely that the area surrounding the proposed NBAF site would experience any cumulative increase in traffic.

3.11.8 Texas Research Park Site

3.11.8.1 Affected Environment

3.11.8.1.1 Highways and Roads

The Texas Research Park NBAF site is located in a mostly rural area far outside the city boundaries of San Antonio and is serviced by no primary or alternate means of public transportation. The site of the Texas Research Park NBAF is a 100.1-acre parcel located within the northwest portion of the 1,236-acre Texas Research Park. The Texas Research Park is located approximately 4 miles west of Interstate Loop 1604 West, on State Highway 211 (Texas Research Parkway), between U.S. Highway 90 West and State Highway 1957 (Potranco Road) (Figure 3.11.8.1.1-1) (BSA 2007).

The Texas Research Park NBAF site is accessed from State Highway 1957 (Potranco Road) by boulevard-type streets that include Zeta Drive, Theta Drive, Lambda Drive, and Omicron Drive. The Texas Research

Slenning, Barrett

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WD0018

From: Barrett Slenning [barrett_slenning@ncsu.edu]
Sent: Friday, June 27, 2008 3:11 PM
To: NBAFProgramManager
Subject: DEIS Correction2: typos in the NC description

Following are three small typographical errors we have identified:

- 1| 6.3 | 1. 2-22 (item 2.3.6) incorrectly identifies the NC site as being owned by NC State University. The University has land immediately north of the site, but the site itself (and all of the Umstead Research Farm) is owned and operated by the NC Department of Agriculture, Research Farms Division.
- 2| 15.3 | 2. 3-283 (Just after the start of section 3.10.7.1.2.1 - Population) refers to "South Milledge", when it should be referring to the Umstead Farm site.
3. 3-290 (near top of page) mentions '51.5 billion' in tax generation when it should be 51.5 million. The associated table is correct.

--- Barrett

Barrett D. Slenning MS, DVM, MPVM
 Population Health & Pathobiology Dept
 College of Veterinary Medicine, Campus Box 8401
 North Carolina State University, Raleigh, NC 27606
 email: barrett_slenning@ncsu.edu
 ph: 919.513.6324 fax: 919.513.6464

Comment No: 1 Issue Code: 6.3

DHS notes the error. The ownership of the Umstead Research Farm Site has been changed to the NC Department of Agriculture, Research Farms Division in Section 2.3.6 of the NBAF EIS.

Comment No: 2 Issue Code: 15.3

The incorrect reference to the "South Milledge Avenue Site" in Section 3.10.7.1.2 of the NBAF EIS will be deleted and replaced with "Umstead Research Farm Site" in the FEIS.

The incorrect reference to the estimated amount of additional taxes that would be generated during the NBAF construction phase as \$51.5 billion in Section 3.10.7.1.2 of the NBAF EIS will be deleted and replaced with the correct amount of \$51.5 million in the FEIS.

Smith, Carmen

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WD0340

From: [REDACTED]
Sent: Tuesday, August 19, 2008 12:35 AM
To: NBAFProgramManager
Subject: National Bio and Agro-Defense Facility Comments

To Whom It May Concern,

My name is Carmen Smith and I am a senior at Kansas State University, majoring in Agriculture. I come from a family farm and am marrying a man who also comes from a family farm. We are both born and raised here in this wonderful city of Manhattan.

I wanted to take a minute to share my thoughts with you about the National Bio and Agro-Defense Facility being built here in Manhattan. I can't believe that our town would even be considered as a good location for such a potentially dangerous facility. During the semesters at KSU, Manhattan is home to thousands of students, not to mention the 50,000 permanent residents. Manhattan is also home to many farming families that have chosen the quiet countryside as a place to raise their families, and make their living growing and harvesting crops and livestock. Can you honestly tell me or anyone else that there isn't a single other place in the world that would make a better home for this facility? Perhaps a place that doesn't have a big population or the potential for a national disaster if a virus leaked out of the plant? I think that you folks are smart, and I think you can find a much better place for your facility.

1|5.0

2|25.4; Please leave Manhattan alone. Let us keep living our safe day-to-day
3|21.4 lives. Let the farmers farm the ground and tend to their livestock without the fear of an outbreak of deadly viruses. Let our students walk to classes without worrying about possibly inhaling a deadly germ. Please let us continue our safe, quiet lives. I'm sure that you don't want to build such a large facility in a place where there is so much
2 cont. opposition. Please consider the voices of the residents. We don't want
25.4 the National Bio and Agro-Defense Facility in our city. Please respect that.

Thank you for your time.

Carmen Smith

Comment No: 1 Issue Code: 5.0

DHS held a competitive process to select potential sites for the proposed NBAF as described in Section 2.3.1 of the NBAF EIS. A team of federal employees representing multi-department component offices and multi-governmental agencies (i.e., DHS, U.S. Department of Agriculture, and Department of Health and Human Services) reviewed the submissions based primarily on environmental suitability and proximity to research capabilities, proximity to workforce, acquisition/construction/operations, and community acceptance. Ultimately, DHS identified five site alternatives that surpassed others in meeting the evaluation criteria and DHS preferences, and determined that they, in addition to the Plum Island Site, would be evaluated in the EIS as alternatives for the proposed NBAF.

Comment No: 2 Issue Code: 25.4

DHS notes the commentor's opposition to the Manhattan Campus Site Alternative.

Comment No: 3 Issue Code: 21.4

DHS notes the commentor's views on risk. DHS believes that experience shows that facilities utilizing modern biocontainment technologies and safety protocols, such as would be employed in the design, construction, and operation of the NBAF, would enable the NBAF to be safely operated with a minimal degree of risk, regardless of the site chosen.

Smith, David

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PD0348

August 25, 2008

Hello.

My name is David Smith. I'm the Staff Engineer with the North Carolina Department of Transportation. I'm calling on behalf of my supervisor, Debra Barber. She's the Director of Preconstruction with the North Carolina Department of Transportation.

1| 17.3 We're wanting to make a comment on Site 5, the Umstead Research Farm site in Butner, North Carolina. On page 3-322, we'd like to note that if the Butner site is selected, that roadway improvements through our network will have to be evaluated for endangered species and historic properties. And on page 3-324, in Section 3.11.7.3.1 *Highways and Roads of Operation Consequences*, paragraph two has an error. It says that there are 2.0 and 2.2 vehicles per day, respectively, by the North Carolina Department of Transportation in 2006. We'll be submitting the corrections for that in the next day or so. 2| 13.3 But just wanted to let you know that in that second paragraph it's saying that trips would be increased by 476 percent to the 2.0 and 2.2 is an error, and we will be submitting that corrected information. 3| 14.3

We're North Carolina Department of Transportation at 919-733-9425.

Thank you very much.

Comment No: 1 Issue Code: 17.3

DHS notes the commentor's concern regarding the reported potential for a large increase in average daily traffic volume from NBAF operations at the Umstead Research Farm Site Alternative. This projected large increase in traffic volume from NBAF operations, as reported in Section 3.11.7.3.1 of the NBAF EIS, was based on incorrect values for average daily traffic (ADT) on the primary traffic corridors servicing the NBAF. The corrected values for average daily traffic volume on Range Road of 381 vehicles per day (impact to traffic of 2.6% increase) and on Old Highway 75 of 5,500 vehicles per day (impact to traffic of 0.2% increase) demonstrate low projected impact to the traffic and transportation infrastructure from the NBAF operations at the Umstead Research Farm Site Alternative. DHS will modify the NBAF EIS to reflect these corrections.

Comment No: 2 Issue Code: 13.3

DHS notes the commentor's concern regarding endangered species and historic resources in the vicinity of the Umstead Research Farm Site. As described in Section 3.11.7.3.1 of the NBAF EIS, improvements to Old Route 75 and Range Road are proposed projects in the Granville County Comprehensive Transportation Plan (GCCTP), which has been adopted by NCDOT and Granville County. Since these projects are not dependant on the NBAF, impacts to endangered species and historic properties would be conducted by NCDOT during their environmental review process. The conceptual design for the proposed Umstead Research Farm Site includes a new road that would connect the facility with Range Road. This new road would follow the course of an existing dirt road; and therefore, would be unlikely to affect endangered species or historic resources.

Comment No: 3 Issue Code: 14.3

See response to Comment No. 1.

Smith, Donna

Page 1 of 1

PD0138

August 18, 2008

Hello,

1| 25.4 My name is Donna Smith. I live in [REDACTED] Kansas and I do not want the NBAF in
2| 5.0 my home town or anywhere on the mainland.

3| 24.1 Keep it on Plum Island.

Comment No: 1 Issue Code: 25.4

DHS notes the commentor's opposition to the Manhattan Campus Site Alternative.

Comment No: 2 Issue Code: 5.0

DHS notes the commentor's opposition to the five mainland site alternatives.

Comment No: 3 Issue Code: 24.1

DHS notes the commentor's support for the Plum Island Site Alternative.

Smith, Emma

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NCD004



National Bio and Agro-Defense Facility Draft Environmental Impact Statement Comment Form

Personal information is optional as this document is part of the public record and may be reproduced in its entirety in the final National Bio and Agro-Defense Facility Environmental Impact Statement.

Name: Emma Moffitt Smith

Title: Grandmother

Organization: GENAT

Address: [REDACTED]

City: _____ State: _____ Zip Code: _____

Comments:

1]5.1 Please remodel the site on Plum Island. We are in a recession and war and USDA is in dept. This facility will be more expensive than planned.

2]2.0 Our grandchildren are already saddled with so many other projects. Please consider using the Plum Island site as it will be more cost effective.

1 cont.]
5.1

Thank You,
Emma Smith

(Continued on back for your convenience)

Comment No: 1 Issue Code: 5.1
 DHS notes the commentor's opposition to the Umstead Research Farm Site Alternative and support for upgrading PIADC. However, the proposed NBAF requires BSL-4 capability to meet mission requirements (DHS and USDA). PIADC does not have BSL-4 laboratory or animal space, and the existing PIADC facilities are inadequate to support a BSL-4 laboratory. Upgrading the existing facilities to allow PIADC to meet the current mission would be more costly than building the NBAF on Plum Island, as discussed in Section 2.4.1 of the NBAF EIS.

Comment No: 2 Issue Code: 2.0
 DHS notes the commentor's statement.

Smith, Jane

Page 1 of 1

WD0167

From: Jane Smith [REDACTED]
Sent: Monday, August 04, 2008 11:28 AM
To: NBAFProgramManager
Subject: NBAF EIS

1) 25.1 I am strongly opposed to creating a level 4 facility at Plum Island.
 I have attended informational meetings where NONE of the questions and alarms of the people in attendance were sufficiently addressed, and the HS people were uninformed and apparently side-stepping the issues. People here are troubled and deeply concerned about the implications of something going wrong at PI, since it is impossible to evacuate the population. We've been told this numbers of times in relation to hurricanes, terrorist threats, or a possible disaster at the nuclear power plant.

2) 21.1
 3) 21.1 There are no guarantees of safety at PI. As you say on your website, "Capital projects and upgrades to the wastewater treatment plant, power plant and cooling system are contributing to *better* environmental performance". Better than what? The possible spread of contaminated material through birds, deer, ticks, water, accident, etc could have dire repercussions for the fishermen, farmers, baymen and residents of this lovely community.

Respectfully,

Jane Smith
[REDACTED]Comment No: 1 Issue Code: 25.1

DHS notes the commentor's opposition to the Plum Island Site Alternative.

Comment No: 2 Issue Code: 21.1

DHS notes the commentor's concern regarding the siting, construction and operation of the NBAF. Section 3.14 and Appendix E of the NBAF EIS investigate the chances of a variety of accidents that could occur and consequences of those accidents. Accidents could occur in the form of procedural violations (operational accidents), natural phenomena accidents, external events, and intentional acts. Although some "accidents" are more likely to occur than others (e.g., safety protocol not being followed), the chances of an accidental release are low. The specific objective of the hazard identification, accident analysis, and risk assessment is to identify the likelihood and consequences from accidents or intentional subversive acts. In addition to identifying the potential for or likelihood of the scenarios leading to adverse consequences, this analysis provides support for the identification of specific engineering and administrative controls to either prevent a pathogen release or mitigate the consequences of such a release. The risk of an accidental release of a pathogen is extremely low.

The need for evacuation under accident conditions is considered to be a very low probability event. Evacuation would not be needed in case of an accidental release of foot and mouth disease virus because it is not a public health threat. Cats, dogs, and other non-cloven hoofed household pets are not affected by foot and mouth disease.

Smith, Jane

Page 1 of 1

WD0199

From: Jane Smith [REDACTED]
Sent: Thursday, August 07, 2008 2:02 PM
To: NBAFProgramManager
Subject: plum island

1|25.1 | Having attended Tuesday night's meeting in Southold I am more alarmed rather than reassured.
2|21.1; | 1. The descriptions of elaborate precautions and procedures were meant to demonstrate the
3|2.0; | safety and security, but instead made me wonder why, if the danger is as minimal as they say it
4|19.1 | is, all those precautions are necessary (including 8 showers a day and frequent changes of
clothing, 24 -hr surveillance, FBI, state police, special boats -- not to mention the elaborate
package within a package within a package to transport pathogens from the airport).
2. As we know from the current Anthrax story, all it takes is one unstable individual.
3. They tell us that not a single "bad" incident has occurred since 1978. Well, a major
catastrophic hurricane has not happened since 1938, and we know that we can't rule out the
possibility of another one.
4. Recent history has taught us not to trust the DHS -- or, for that matter, any government office.
5. They tell us there are no plans for evacuation. This is because we who live at the eastern end
of LI are trapped here with no way out. Are we expendable?

1 cont. | **Please do not put NBAF level 4 on Plum Island.**
25.1

Jane Smith
[REDACTED]

Comment No: 1 Issue Code: 25.1

DHS notes the commentor's opposition to the Plum Island Site Alternative.

Comment No: 2 Issue Code: 21.1

DHS notes the commentor's concern regarding the NBAF. The purpose and need for the proposed action is discussed in Chapter 1 of the NBAF EIS. DHS can not guarantee that the NBAF would never experience an accident. However, as discussed in Section 2.2.1.1, modern biosafety design substantially diminishes the chances of a release as the primary design goal is to provide an adequate level of redundant safety and biocontainment that would be integrated into every component of the building. A discussion of human health and safety is included in Section 3.14.

Comment No: 3 Issue Code: 2.0

DHS notes the commentor's statement.

Comment No: 4 Issue Code: 19.1

DHS notes the commentor's concern regarding the NBAF. The purpose and need for the proposed action is discussed in Chapter 1 of the NBAF EIS. DHS can not guarantee that the NBAF would never experience an accident. However, as discussed in Section 2.2.1.1, modern biosafety design substantially diminishes the chances of a release as the primary design goal is to provide an adequate level of redundant safety and biocontainment that would be integrated into every component of the building. A discussion of human health and safety is included in Section 3.14.

DHS notes the commentor's concern about the human health and safety of the surrounding institutional residents. Chapter 3, Section 3.14 investigates the chances of a variety of accidents that could occur with the proposed NBAF and consequences of potential accidents. Although some "accidents" are more likely to occur than others (e.g., safety protocol not being followed), the chances of an accidental release are low. A site-specific emergency response plan would be developed and coordinated with the local emergency management plan and individual facility plans regarding evacuations and other emergency response measures for all potential emergency events including accidents at the NBAF.