



July 8, 2013

Mr. Judson Cross
Department of the Treasury
Division of Purchase and Property – 9th Floor
33 West State Street
Trenton, NJ 08625
judson.cross@treas.state.nj.us

Reference: 1) URS General Services Administration (GSA) Environmental Services
Contract Number GS-10F-0105K
2) Request for Quote (RFQ): #787923S – Program Manager Contractor and
Environmental Assessment Field Contractors for Environmental and Historic
Preservation Reviews, New Jersey's CDBG-DR Grant Program

Subject: Submittal of URS' Best and Final Offer

Dear Mr. Cross:

URS Group, Inc. (URS) is pleased to submit our best and final offer (BAFO) for the subject contract. We are proposing as an Environmental Assessment Field (EAF) Contractor. Revised pricing for services required under this RFQ are a blend of firm fixed rates and hourly rates. Our rates may be considered valid for a period of sixty (60) days from the date of this letter. We have included the cost tables for EAF Contractor items as required in the BAFO request. We have also included a revised list of costing assumptions omitting those assumptions included in our original proposal that the State of New Jersey asked us to withdraw in the BAFO request.

Affirmations:

- The signatories below are authorized to bind URS as a bidder.
- URS has the appropriate state business licenses to complete this work.
- URS does not have a record of sub-standard work within past 5 years.
- URS does not, and has not, engaged in unethical practices within the past 5 years.
- If awarded, URS takes responsibility for the signed contract and the services provided to complete the work.

If you need additional information, or wish to discuss any aspect of our proposal, please contact Michael Richardson at 225.922.5700 (mike.richardson@urs.com) for technical details. Contractual matters should be addressed to the attention of David Hernandez at 210.321.4989, or to Debora Monahan at 512.419.5979. Both can be reached by e-mail to ursgsa@urscorp.com.

Sincerely,

URS Group, Inc.

David L. Hernandez, Vice President
GSA Program Director

Michael Richardson, Vice President
Principal In Charge

URS Group Inc. 8 July 2013

Best and Final Offer (BAFO) - Pricing for services required under this RFQ will be a blend of firm fixed rates and hourly rates. Bidders must complete all price cells within the Price Schedule or be deemed non-responsive. Bidders should not provide pricing for cells marked “N/A”.

BAFO Cost Quote Price Schedule 3 EAF Contractor –Firm Fixed Pricing

Pricing for services required under this RFQ will be a blend of firm fixed rates and hourly rates. Bidders must complete all price cells within the Price Schedule or be deemed non-responsive.

Line No.	Description	Unit	Estimated Quantity (A)	Year 1 (B)	Year 1 Total (A) * (B)	Year 2 (C)	Year 2 Total (A) * (C)	Year 3 (D)	Year 3 Total (A) * (D)
1	Base Price per application for Exempt (Volume 1 to 100) Section 3.2.2	Each	100	\$251	\$25,100	N/A	N/A	N/A	N/A
2	Base Price per application for Exempt (Volume 101 to 200) Section 3.2.2	Each	100	\$223	\$22,300	N/A	N/A	N/A	N/A
3	Base Price per application for Exempt (Volume >200) Section 3.2.2	Each	100	\$223	\$22,300	\$230	\$22,969	\$237	\$23,658
4	Base Price per application (Fixed Fee) for Categorically Excluded Subject to 58.5 (Volume 1 to 100) Section 3.2.4	Each	100	\$834	\$83,400	\$859	\$85,902	\$885	\$88,479
5	Base Price per application (Fixed Fee) for Categorically Excluded Subject to 58.5 (Volume 101 to 200) Section 3.2.4	Each	100	\$730	\$73,000	\$752	\$75,190	\$774	\$77,446
6	Base Price per application (Fixed Fee) for Categorically Excluded Subject to 58.5 (Volume GT 200?) Section 3.2.4	Each	100	\$698	\$69,800	\$719	\$71,894	\$741	\$74,051
7	Base Price per application (Fixed Fee) for non-tiered Environmental Assessments (Volume 1 to 100) Section 3.2.2	Each	100	\$6,853	\$685,300	\$7,059	\$705,859	\$7,270	\$727,035

Line No.	Description	Unit	Estimated Quantity (A)	Year 1 (B)	Year 1 Total (A) * (B)	Year 2 (C)	Year 2 Total (A) * (C)	Year 3 (D)	Year 3 Total (A) * (D)
8	Base Price per application (Fixed Fee) for non-tiered Environmental Assessments (Volume 101 to 200) Section 3.2.2	Each	100	\$5,882	\$588,200	\$6,058	\$605,846	\$6,240	\$624,021
9	Base Price per application (Fixed Fee) for non-tiered Environmental Assessments (Volume GT 200) Section 3.2.2	Each	100	\$5,243	\$524,300	\$5,400	\$540,029	\$5,562	\$556,230
10	Base Price per application for Tier 2 Site Specific Reviews (Volume 1-100) Section 3.2.8	Each	100	\$1,152	\$115,200	\$1,187	\$118,656	\$1,222	\$122,216
11	Base Price per application for Tier 2 Site Specific Reviews (Volume 101-200) Section 3.2.8	Each	100	\$1,042	\$104,200	\$1,073	\$107,326	\$1,105	\$110,546
12	Base Price per application for Tier 2 Site Specific Reviews (Volume GT 200) Section 3.2.8	Each	100	\$946	\$94,600	\$974	\$97,438	\$1,004	\$100,361
13	FEMA Addendum Section 3.2.3, 3.2.8	Each	UNK	\$543	UNK	\$559	UNK	\$576	UNK
14	Reporting Functions Section 3.2.13, 3.2.14,3.2.15	Month	12	\$737	\$8,844	\$759	\$9,109	\$782	\$9,383
15	Environmental Impact Statement Fee Section 3.2.2	Each	UNK	\$443,041	\$	\$456,332	\$	\$470,022	\$

BAFO Cost Quote Price Schedule 4 EAF Contractor –Loaded Hourly Rate Pricing

A bidder must fit its existing personnel and that of proposed subcontractors into the following Labor Titles.

Line #	Labor Title	Hourly Rate Year 1	Hourly Rate Year 2	Hourly Rate Year 3
Office and Management Staff				
16	Principal	\$189.19	\$194.87	\$200.72
17	Program Director	\$152.90	\$157.48	\$162.20
18	Task manager	\$121.93	\$125.59	\$129.36
Project Field Staff				
19	Field Manager	\$108.36	\$111.61	\$114.96
20	Field Professional	\$76.78	\$79.08	\$81.45
21	Principal/Senior EnvH. Scientist/Engineer/ Architect	\$146.04	\$150.42	\$154.93
22	Principal/Senior Biologist	\$142.50	\$146.77	\$151.17
23	Principal/Senior Historic Preservation Specialist	\$142.50	\$146.77	\$151.17
24	Senior Hydrogeologist	\$142.50	\$131.17	\$120.74
25	Junior Hydrogeologist	\$68.71	\$70.78	\$72.91
26	Field Associate	\$61.06	\$62.89	\$64.77
27	Field Observer	\$55.14	\$56.79	\$58.49
28	Staff Environmental Scientist, Engineer, Architect	\$110.75	\$114.07	\$117.49
29	Hydrogeologist	\$86.40	\$88.99	\$91.66
30	Senior Technician	\$59.58	\$61.37	\$63.21
31	Junior Technician	\$48.55	\$50.01	\$51.51
32	Senior GIS Specialist	\$115.65	\$119.12	\$122.69
33	Junior GIS Specialist	\$70.13	\$72.24	\$74.41
34	Administrative Support/Data Entry	\$62.25	\$64.12	\$66.05

Best and Final Offer - Cost Quote Price Schedule 2 EAF Contractor – Firm Fixed Pricing Assumptions

Lines 1, 2, and 3 – Exempt

- No site visit is required for 24 CFR 58.6 determinations
- This includes all CENST reviews

Lines 4, 5, and 6 – Categorically Excluded Subject to 58.5

- Includes Data Collection site visit. This includes photographs supporting all desktop reviews and a fence line inspection to get information regarding above ground storage tanks, any initial toxic information, birds nesting, etc.
- Includes publication for NOI / RROF and preparation of RROF paperwork for transference to DEP for submittal to HUD (Note: it is not known why the DEP did not request a Programmatic RROF. A Programmatic RROF could save significant costs for publication for all CEST reviews)
- Any information relative to construction purposes (flood plain elevation, migratory birds, wetlands, etc.) that could impact placement of the structure will be submitted as conditions to the DEP for delivery to the RREM Contractors

Lines 7, 8, and 9 – Non-tiered Environmental Assessments (Note: Tiered EAs would be less costly than Non-tiered EAs)

- Includes all travel, labor, expenses, communication with agencies, etc. required for performance of the EA. Also includes all publications for FONSI and NOI / RROF
- Includes detailed reports will requisite information and electronic submittals

Lines 10, 11, and 12 – Tier 2 Site Specific Reviews

- Includes all required site visits for support and completion of CEST reviews (Archaeology, Architectural History, Wetlands, Threatened and Endangered Species, Migratory Bird Act, Detailed Toxic determination, and other reviews as necessary)
- Any information relative to construction purposes (flood plain elevation, migratory birds, wetlands, etc.) that could impact placement of the structure will be submitted as conditions to the DEP for delivery to the RREM Contractors

Line 13 – FEMA Addendum

- Includes a site visit to gather FEMA information on approved DEP statutory checklist
- Includes a separate visit for FEMA information development without knowing specifically if there will be any visits that coincide with other site visits required for environmental reviews. If the site visits coincide, a reduced rate will be available
- Document in accordance with 44 CFR Part 10

Line 14 – Reporting Functions

- Information managed and reports submitted as in accordance with RFP

Line 15 – Environmental Impact Statement

- The costs reflected in the Cost Table are indicative of an average EIS for these types of programs. EIS costs can range from \$100K to \$2MM or higher dependent upon the actual scope of work of the target project and the potential for environmental concerns in the targeted area. We will be able to give specific costs of the EIS once additional information would be known.

3.2 10 Environmental Investigations

1. Engineering Studies – not anticipated
2. Phase I ESA (ASTM-E 1527-05) – not anticipated
3. Phase I ESA, Phase II ESA, Noise Assessment – not anticipated
4. State jurisdictional wetlands delineation – minor number
5. Cultural resource surveys or studies – some limited study for housing determination



Cover Page



Cover Page

Title

RFQ for Program Manager Contractor and Environmental Assessment Field Contractors

RFQ Number

RFQ 787923S

GSA Environmental Services (ES) Schedule No. GS-10F-0105K

Contract Bidding

EAF Contractor

Name of the Bidder

URS Group, Inc.

Firm Address/ Telephone Number

GSA Program Management Office
9901 IH-10 W, Suite 350
San Antonio, Texas 78230
(210) 377 - 3764

Project Office

1255 Broad Street, Suite 201
Clifton, NJ 07013
(973) 883-8500

Firm Federal Tax Identification Number

██████████

Name, Title, Address, Telephone Number, fax Number, and Email address of the contact person authorized to contractually obligate the bidder on behalf of the firm

Name: David L. Hernandez
Title: Vice President, GSA Program Director
Address: 9901 IH-10 W, Suite 350
San Antonio, Texas 78230
Telephone: (210) 377-3764
Fax: (210) 312-1124
Email: david.l.hernandez@urs.com



Quote Letter





June 27, 2013

Judson Cross
Department of the Treasury
State of New Jersey
Division of Purchase and Property – 9th Floor
33 West State Street
Trenton, NJ 08625

Reference: 1) URS General Services Administration (GSA) Environmental Services
Contract No. GS-10F-0105K
2) Request for Quote (RFQ): #787923S – Program Manager Contractor and Environmental
Assessment Field Contractors For Environmental and Historic Preservation Reviews, New
Jersey's CDBG-DR Grant Program

Subject: Quote Letter - Submittal of URS Proposal

Dear Mr. Cross:

URS Group, Inc. (URS) is pleased to submit our qualifications and proposed pricing for the subject contract. Pricing for services required under this RFQ are a blend of firm fixed rates and hourly rates. Our rates may be considered valid for a period of sixty (60) days from the date of this letter.

Understanding of the Scope of Work:

URS understands that the State of New Jersey is seeking a firm with:

- Substantial post-hurricane recovery experience, including extensive experience conducting environmental and historic preservation reviews for HUD CDBG-DR and FEMA HMGP programs in accordance with, but not limited to, NEPA and NHPA Section 106.
- Experience using cutting-edge technology to perform, manage, review, and produce environmental and cultural resource assessments remotely and in a Web-based, paperless environment.
- Sufficient resources to execute a Level 1 workload of at least 3,000 reviews within 90 to 180 days.
- Experience with the CDBG-DR process including HUD's stringent reporting and accounting processes.
- The ability to rapidly complete HUD Categorical Exclusion Not Subject To requirements of 24 CFR 58.5 (CENST) and Categorically Excluded Subject to 24 CFR Part 58.5 (CEST) environmental reviews, Tier 1 and non-tiered environmental assessments, Tier 2 site-specific environmental reviews, and develop site-specific mitigation plans.
- A network of SBE firms with GSA approval in the execution of the work it conducts.
- Collaboration skills to work efficiently with the State as well as HUD and FEMA.

URS offers immediately available and seasoned staff, unsurpassed disaster-related housing success, unmatched knowledge of Federal and State requirements, national experience implementing CDBG housing programs, and unparalleled experience in housing recovery after national disasters. URS leads a team that will be able to fully address all of the State's requirements. To meet your expectations, our team has the following credentials:

- Extensive experience with the HUD CDBG-DR process, and FEMA disaster response and mitigation grants. Successfully responding to over 500 disasters and providing services for \$23B in disaster mitigation and grant programs including post-disaster programs to address hurricane damages in Texas, Mississippi, and Louisiana.
- Developed the CDBG-DR environmental review process – adopted by HUD as the national standard – as part of the Mississippi Development Authority (MDA) program following Hurricane Katrina. URS developed a web-based system similar to the NJ Environmental Review Management System (ERMS) for the MDA program.



- Provided over 10,000 Tier 2 environmental inspections and prepared Environmental Review Records for CDBG-DR programs for Hurricanes Katrina, Ike, and Dolly.
- Worked effectively for nearly 50 years in New Jersey with virtually every Federal and State agency, including the NJ Department of Environmental Protection (NJDEP), HUD, and FEMA.
- Performed over 57,000 housing assessments in New Jersey and more than 100,000 assessments in New York following Hurricane Sandy.
- Able to immediately draw upon a staff of over 500 in New Jersey (and nearby states) to provide the level of personnel required to address State needs that may arise during the course of this program.
- Completed over 4.2 million home inspections under a FEMA Housing Inspections Contract, attaining a daily peak production of 19,000 inspections, and sustaining a production rate of 15,000 for 47 continuous days.
- A team whose Project Manager, Deputy, and each Task Manager are experts in delivering the exact scope of services required for this contract.

Affirmations:

- The signatories below are authorized to bind URS as a bidder.
- URS has the appropriate state business licenses to complete this work.
- URS does not have a record of sub-standard work within past 5 years.
- URS does not, and has not, engaged in unethical practices with the past 5 years.
- If awarded, URS takes responsibility for the signed contract and the services provided to complete the work.

If you need additional information, or wish to discuss any aspect of our proposal, please contact Michael Richardson at 225.922.5700 (mike.richardson@urs.com) for technical details. Contractual matters should be addressed to the attention of David Hernandez at 210.321.4989, or to Debora Monahan at 512.419.5979. Both can be reached by e-mail to ursgsa@urscorp.com.

Sincerely,

URS Group, Inc.

David L. Hernandez, Vice President
GSA Program Director

Michael Richardson, Vice President
Principal In Charge



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Tab 1 – Management Overview



TAB 1: MANAGEMENT OVERVIEW

URS brings the New Jersey Department of Environmental Protection (DEP) unparalleled experience and capability to complete environmental and historic preservation compliance reviews as described and requested in the RFQ. URS has provided nationwide environmental and historic preservation (EHP) review services and EHP training to FEMA for over 20 years and provided the exact same services under HUD programs for disaster recovery efforts in Mississippi and Texas. We have a proven leadership team, experience managing large scale housing programs, decades of EHP technical expertise, and proven management processes. We will bring that level of experience and commitment to bear for this contract.

35,000+

Number of applicants processed by the URS Team for the MDA Hurricane Katrina Recovery Program.

URS is a multidisciplinary organization with offices in almost every state and 50,000 plus staff. URS is a fully integrated engineering, environmental, and construction services organization with the capabilities to support every stage of the project life cycle. Our dedication to our clients and quality of service have resulted in a stable and growing company with over \$10 billion in average revenue.

We offer the full range of environmental and historic preservation services. While we have global reach and resources, we maintain a strong New Jersey and New York presence with nearly 1,000 staff in the Metropolitan Area. Our primary local area offices are in Clifton and Burlington, New Jersey, and are staffed by nearly 50 environmental resource specialists and over 60 historic preservation specialists—all supported by subject matter experts from our national hazard mitigation and post-disaster long-term recovery groups.

URS is a leading provider of pre- and post-disaster response and recovery program management, policy, planning, engineering, construction, and technical services for public and private sector agencies nationwide and globally for the past 20 years. We have supported the response and recovery efforts associated with over 900 federally declared disasters. As a result, URS is a nationally recognized leader in pre- and post-disaster Stafford Act grants management and has successfully overseen over \$20 billion in infrastructure and housing recovery grant allocations.

URS was significantly involved in long-term recovery efforts after some of the largest disasters in the nation's history, including Hurricanes Katrina and Rita in Louisiana and Mississippi and Hurricanes Ike and Dolly in Texas. URS has supported post-disaster recovery mitigation programs in these states, including the Community Development Block Grant (CDBG) post-disaster program in Mississippi, the FEMA Long-Term Community Recovery (LTCR) Program and Hazard Mitigation Grant Program (HMGP) in Louisiana, and the CDBG and FEMA LTCR in Texas. Nationally, we have worked in virtually every state with communities looking to mitigate their risk from natural hazards and to rebuild in a sustainable fashion. Overall, URS has an intimate knowledge of how these post-disaster recovery programs work and the EHP knowledge to ensure effective regulatory review and compliance services.

"Being part of an unprecedented recovery effort required URS personnel at all levels to be flexible, fast, and to work hand-in-hand with MDA to develop procedures and processes specific to the State of Mississippi's unique needs."

"...our relationship with URS continues as we administer almost \$1B in ongoing housing construction initiatives. We are poised to complete these tasks in a timely manner as well, thanks, in large measure, to the skills and professionalism of URS team members."

- Jon Mabry – CIA, CBM, CISA, CFSA, Chief Operations Officer – MDA Disaster Recovery Division

Experience. Capacity. Results. These terms are the URS trademark. We offer the DEP outstanding credentials and direct relevant experience for CDBG-DR EHP Review programs. Our qualifications, coupled with local experienced personnel and national experts and depth of capacity, provide assurance that URS can deliver high level support services. Our experience with disaster recovery housing programs after Hurricanes Katrina, Rita, Dolly, Ike, and Sandy allowed URS to develop significant capabilities, processes, procedures, and trained personnel that not only understand the nature of the EHP requirements, but have developed many of the operational themes that are recognized by HUD as best management practices (BMP). We understand the intensity and complexity of undertaking large-scale, scattered site programs, and have a well-developed technical and management process supported by key leaders with the experience needed to effectively and efficiently complete the reviews.

The URS national network of EHP experts is unparalleled in the private sector. URS staff include industry-recognized leaders in the EHP fields, who are supported by a broad complement of EHP professionals offering the full range of skills and services necessary for successful compliance with all facets of NEPA and NHPA. Senior EHP specialists that have worked with HUD and FEMA regularly in the past have also contributed to a variety of program-related material.

Through the integration of sound science, effective collaboration, relationships with State Historic Preservation Offices (SHPOs) and excellent technical applications and tools, URS delivers assessments and regulatory documents that meet client needs and State requirements for efficient and expeditious compliance processes. To deliver these services to HUD and FEMA, URS developed a nationwide network of EHP specialists to ensure effective coordination of EHP services under CDBG-DR contracts and the PA and HMTAP contracts. Through these contracts, URS has prepared more Environmental Review Records (ERRs), EAs, and cultural resources assessments for HUD and FEMA than any other contractor.

Table 1.1 URS EHP Review Experience

Client	Description
Mississippi and Texas via HUD CDBG-DR Programs	Prepared Tier 1 Programmatic CATEX and Tiered EA Broad Reviews for numerous programs in Mississippi and Texas. Prepared ERRs, Tiered EAs, and non-tiered EAS for the disaster recovery programs, including detailed cultural resource studies.
FEMA	Prepared Programmatic EAs and FONSI for typical FEMA-funded actions, both event- and program-based. Prepared Programmatic BAs for the NFIP and for typically recurring FEMA actions in CA.
FEMA, NASA, DoD, USPS	Supported Federal clients on developing historic preservation programs under Section 110 of the NHPA, including developing standard operating procedures and cultural resource management training for agency staff.
FEMA, DoD, NASA, USPS	<i>Supported Federal clients in negotiating all steps of the Section 106 review process, including identification of historic properties, resolution of adverse effects, and the determination of appropriate mitigation measures.</i>

Our approach to the work is unique and our capacity to perform is unmatched. URS brings the experience, proven track record of success and proven play books/plans that the New Jersey DEP seeks to acquire. We are comfortable making this claim because of the strength of the team we have assembled, decades of experience we possess, and past successes we have achieved for our clients and community. **We also know that no other team can demonstrate this track record of performance and delivery of programs for EHP reviews.**

Success in delivering the EHP services requires more than just familiarity with the Federal and state guidelines. URS understands the requirements and brings the ability to:

- Implement a proven successful management methodology.
- Create economies of scale to reduce time and cost.
- Have the capacity to perform EHP reviews and provide a customized solution, if required.
- Perform ERRs and EAs under HUD regulations and guidance. URS has performed over 10,000 HUD ERRs and EAs in Mississippi and Texas without any negative HUD findings.
- URS has increased efficiency and reduced costs wherever possible on all of our FEMA contracts. **We have received over 50 letters of commendation from FEMA in the past four years.** On our task order contracts, we have completed our assignments on average more than 10 percent under budget, saving the government more than \$5M.

Critical Success Factors

	<p>Time</p> <p>The URS Team understands that rapid response following a disaster is crucial to program success. Our unsurpassed performance for FEMA in the wake of multiple disasters and our rapid delivery of post-hurricane housing solutions in both Texas and Mississippi are proof of our ability to rapidly deploy and meet deadlines.</p>
	<p>Cost</p> <p>We understand the cost limitations that are inherent in the administration of federally-funded programs and, we are mindful of the need to be good stewards of the State's resources. The URS Team has a history of providing cost effective disaster recovery and engineering solutions throughout the Gulf region.</p>
	<p>Relationships</p> <p>The URS Team places the highest value on understanding the needs of both the client and the beneficiaries of post-disaster funds. In each of our past endeavors, we have worked to develop close relationships with all stakeholders including applicants, subrecipients, and advocates to ensure the delivery of the best possible solution.</p>
	<p>Quality</p> <p>The URS Team proudly distinguishes itself from the competition by ensuring that we deliver the right product, on time, the first time. Our streamlined processes and focus on automation and standardization allows us to provide unmatched work product as recognized by the GAO on multiple occasions.</p>
	<p>Problem Solving</p> <p>The URS Team knows that the best way to overcome barriers is to anticipate and resolve them prior to any programmatic disruption. Through experience, our Team can reduce time and resources typically associated with overcoming programmatic challenges.</p>
	<p>Experience/Qualifications</p> <p>The URS Team of experienced professionals provide the federal, state, and local knowledge necessary to successfully implement and complete any disaster-related program—and deliver the best possible results.</p>

URS has processed over 300 desktop Categorical Exclusions (CATEX) applications in a week's time during our work with the MDA. URS mobilized up to 150 full time equivalent personnel to perform this work. We are able to staff up to meet any requirements of the DEP.

Additionally, URS has mobilized staff to disaster sites for FEMA within 48 hours over 500 times, including 86 times under our Hazards Mitigation Technical Assistance Program (HMTAP) contract since the year 2000. We have the tools and procedures in place to allow us to quickly mobilize the right staff, who are ready to work efficiently as soon as they arrive. In responding to this RFP and detailing our experience in this proposal, we will demonstrate URS is a willing partner to DEP that can be counted on to assist communities during their time of healing and renewal.

URS developed the Housing Program Management Approach described herein in response to large scale CDBG-DR Housing Programs funded by HUD in the wake of the major storms that have plagued the Gulf Coast. Our team has the best balance of CDBG-DR EHP Review experience coupled with local on the ground knowledge of the impacted areas gained after Superstorm Sandy.

URS conducts housing program management projects in accordance with a phased approach to implementation, effectively categorizing the program into phases and functional areas. Each functional area of the program is distinctive and operations are conducted concurrently to rapidly guide applicants through the process with minimal delays while keeping them informed and current on their project status. Our technical approaches for the environmental and historic preservation processes are outlined below. *The process approach described herein was proven effective in meeting the schedule and compliance requirements of other recent CDBG-DR programs.*

1.1 Environmental Approach

The following environmental technical approach provides an overview of the URS' EHP Review process. It details how we approach the process with phasing, major tasks, and subtasks supported by key leadership and local staffing. Our project team has managed every phase of HUD CDBG-DR housing programs, have a unique understanding of the program challenges, and devised a program management process flow that provides the needed guidance and direction to the project team.

Overall Approach

Data collection is automated with our environmental database, EMsoURSe. All field data (photographs, field forms, GPS coordinates) are input automatically via specially designed applications on iPads that have been adapted to the field component of this work. The information is stored in the application and uploaded at such time as an internet connection is located (via a wireless network or 4G interface). The field information populates the requisite fields automatically upon upload for use by the environmental specialists in the processing of the work. Once the information resides in EMsoURSe, our Tier II specialists can begin processing the application in the automatic checklists that detail the Tier I requirements for the ERR.

A major component of the process is the generation of the Project Map File (PMF) within EMsoURSe. The PMF is a GIS that overlays the database and allows the interface to have "point and click" usability when working in the system. It is used during the desktop site specific review for each application. The PMF contains base layers which are used to verify the site location and interpret environmental data. Parcel data provided by New Jersey, or gathered from the municipality and the GPS survey point gathered during data collection activities are used to verify that the location of the home is the same parcel cleared by the team. The PMF portion of the system contains environmental layers which are used to make environmental determinations for each application. These layers are specific to area and are comprised of data gathered during the Tier I review from agencies who

govern those environmental review topics required by HUD for the project area. For example, the FEMA DFIRM maps and US Army Corps of Engineers Wetlands Inventory Maps are incorporated into the PMF portion of the system.

By using the PMF, our desktop review is performed in a fraction of the time because all environmental data is consolidated into one location; namely EMsoURSe. If the PMF was not used, we would have to obtain information from different sources/agencies for each individual application. Most of these layers appear to be in the Tier I reports and URS should be able to easily obtain the information from New Jersey for use. Additionally, the GIS files can be provided to New Jersey at the completion of the program.

After completion of the desktop reviews, the ERR, based upon the Programmatic ERR provided in the Request for Proposal, will be populated automatically for a hard copy that will be transferred to the responsible entity for final signature. Additionally, URS stores the electronic or "soft" copy of the ERR in our database. This copy can also be transmitted electronically to New Jersey, as required. During our Tier II review, there will be environmental items requiring mitigation activities (such as elevation in flood plains, Section 106 requirements, noise mitigation, etc.). URS will identify these items and also identify the mitigation activities that will be required in a report. This report will accompany the ERR or can be incorporated into the ERR, as desired.

EMsoURSe allows for various types of reports as needed by local, state, and Federal agencies. Since it is a database system, all the data is available for report. URS can track individual applications, groups of applications in a zip code or locality, the average age of the applications, where applications are in the process, and other information.

Scheduling Methodology and Control

An element of the RFP was to identify the scheduling and control methodology for the work, including the Data Collection Task (DCT), site visits for Tier 2, and other requirements as necessary to perform the work. URS is a Level 1 Contractor per Section 4.1.3 in the RFP (over 3,000 reviews of varying types within the first 90-180 days). URS understands this will be an aggressive schedule and is dedicated to meet the requirements of this schedule. Part of our control methodology will be using Gantt charts from Microsoft Project Manager to meet overall schedule requirements. However, the primary scheduling control mechanism will be our database, EMsoURSe. The database receives information electronically from the field and from whatever source is provided by New Jersey.

EMsoURSe timestamps the applications as to time of receipt and then schedules them automatically for the initial field data collection. EMsoURSe will automatically send notifications via electronic mail to managers and inspectors informing them that the DCT is ready to be performed. After completion of the DCT, the information is automatically uploaded to EMsoURSe and stored. The database then informs the next processor in the chain (the GIS personnel for development of the Project Map File) and the desktop processor via electronic mail that the application is in their queue. This process moves forward with every step being time stamped and the next person in line being informed electronically. Managers perform QA checks of the system periodically to ensure the process is moving smoothly. At the end of the process, the EER or the information for inclusion into the non-tiered EA is automatically generated. The system can be configured to where the DEP can receive electronic notification of the completion of an application. Additionally, the system stores time to complete steps of the process so that URS can continually track applications and work in addressing any delays in any processing.

URS can configure automatically generated reports to the DEP, depending upon need. Additionally, EMsoURSe allows the DEP entrance to our application storage area for updated, instant access to any application electronically for status or review information.

This methodology has allowed URS to track over 10,000 completed ERRs and EAs and about 5,000 more that were partially completed but later withdrawn by the various agencies for eligibility or withdrawal of the applicant. We find it necessary to have this level of sophistication in order to track and meet the aggressive schedule required by DEP.

Field Inspections

There are several different field investigations required for this work. Three specific field investigations are those required for the initial assessment, any site specific investigations required for CATEX subject to 24 CFR 58.5, and field investigations for environmental assessments. Field investigations for architectural history and archaeology are discussed separately as they were addressed separately in the RFP. Additionally, any field investigations for Environmental Impact Studies (EIA) are not addressed here since they will be highly specialized in nature and very broad in scope.

Data Collection Task Procedures (DCT)

- Ideally appointments must be made to perform DCT. As the inspector will not be entering the home, the inspection can be accomplished from the property line.
- Arrive at applicant property, activate GPS, and take GPS point directly in front of Property within parcel boundary when possible.
- Take photos of property according to photo guidance provided in the iPad application. The first six (6) photos should be taken in the following sequence: front of home, across the street, left corner of home, right corner of home, left side of home, right side of home. The remaining photos can be taken in any sequence.
- If any toxics, Aboveground Storage Tank's, possible environmental issues on the property are identified photos must be taken.
- One (1) close-up photo of a window and one (1) of a door should be captured for Architectural Historians to use.
- Complete the questionnaire completely and attach photos to the form.
- When completed the form and photos attached either save the photo to submit when Internet access is available or upload in real time.

Tier 2 Site-Specific Reviews

- If Initial/Desktop Review indicates the property cannot be cleared on one or more of the environmental topics, the property will move to a Tier 2 site-specific assessment of those topics.
- Appointments must be made to perform the assessments.
- The required activity will vary depending on the issue identified.
- Some issues may be resolved by further research, in particular Flammable & Explosive Materials and Contaminated Sites.
- Some issues may require a site visit by a URS specialist. For example, if there is a potential wetland present as indicated during the desktop review that may be impacted by reconstruction, URS would send a certified wetland scientist to the property to confirm the presence.

- We expect threatened and endangered species issues will be minor given the urban and built up nature of the environment.
- Potential contaminated sites may also require verification and review by a URS specialist. We will determine if a property built prior to 1978 has a potential for lead-based paint, but we will not conduct lead-based paint testing.
- All information collected will be uploaded to the database for processing of the ERR.

Site-Specific Environmental Assessment and FEMA Field Assessment

- Appointment must be made to perform the assessment.
- Desktop review will determine the information needed for collection during the assessment
- Site will be visited by a URS professional with expertise in performing non-tiered EA and / or the FEMA assessment.
- All environmental information will be collected and documented with photographs of the site. Any information required in accordance with NEPA will also be collected.
- EA field forms will be used to document any HUD assessment.
- FEMA field forms will be used to document any FEMA assessment.
- All information collected will be uploaded to the database for processing of the EA or FEMA assessment.

1.2 Historic Preservation Approach

The National Historic Preservation Act (NHPA) Section 106 review process, as codified in 36 CFR Part 800 "Protection of Historic Properties," identifies 4 required steps: 1) initiate the Section 106 process; 2) identify historic properties including historic buildings, structures, historic districts, archaeological sites, and objects and determine National Register of Historic Places (NRHP) listing or eligibility; 3) assess the undertaking's effects on historic properties, and if adverse; 4) resolve adverse effects to complete consultation. In the case of the State of New Jersey's HUD CDBG-DR Grant Program, these funds will be used to satisfy all or a portion of the State's Federal Emergency Mitigation Grant Program non-federal cost share match requirements for individual homeowner reconstruction/elevations and acquisitions. Federal Emergency Management Agency (FEMA)-compliant historic preservation reviews must be conducted. Section 106 reviews are also a requirement of HUD 24 Part 58 compliance reviews.

The State of New Jersey has notified potential bidders under this RFQ that Section 106 reviews will be completed pursuant to the April 2013 Programmatic Agreement (PA) among FEMA, The New Jersey State Historic Preservation Officer, The New Jersey State Office of Emergency Management, The Advisory Council on Historic Preservation, The Absentee Shawnee Tribe of Indians of Oklahoma, the Delaware Nation, The Shawnee Tribe of Indians of Oklahoma, and the Stockbridge Munsee Band of Mohicans, as a result of Hurricane Sandy. This PA was executed for an undertaking that will involve numerous, repetitive actions, span a two-year period, and avoid the need for the development of hundreds if not thousands of individual Memoranda of Agreement for individual project components.

This PA is structured to expedite project reviews and speed hurricane relief funding to affected recipients. Expedited timeframes for action and a set of programmatic allowances enable certain projects to be completed at the initial review step, with appropriate administrative documentation. The PA also includes allowances for expedited review of certain actions for emergency undertakings. The agreement document specifies detailed requirements for Standard Project Review, and includes guidance on how consulting parties are identified, how Areas of Potential Effects (APEs) are defined,

how identification and evaluation activities are carried out, how determinations of effect are rendered, and how adverse effects are mitigated. Appendix C of the document outlines a series of suggested treatment measures to mitigate adverse effects.

To carry out Section 106 reviews as outlined in Section 3.2.5, URS personnel who meet the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61) in the disciplines of history, architectural history, historic architecture, and archaeology, will complete all required reviews. For the first phase of review – the Desktop Assessment -- URS Cultural Resource Management (CRM) professionals will access project files and GIS-based review materials via the Internet, and complete reviews from various URS offices throughout the United States. This review will include accessing the New Jersey Historic Properties Layer in the New Jersey Historic Districts and Properties map. New Jersey-region CRM professionals will complete background research in New Jersey repositories, including the SHPO office and the New Jersey State Museum, and will perform desktop assessments of other data, including historic maps at repositories such as the Library of Congress and National Archives.

If it is determined a project does not include elements outlined in Appendix B, Programmatic Allowances (Tier I and II), then URS will complete a more detailed review, completing all elements outlined on pages 34 and 35 of the RFQ. The field assessment component of this work is described in greater detail below.

1.2.1 Field Assessments

If it is determined a particular project is not included within any of the activities listed in PA Appendix B – Programmatic Allowances, then URS will complete a field assessment using personnel who meet the appropriate professional standards to complete the two assessments identified below. It is understood the State Contract Manager/Program Manager will issue one or more task orders to complete this work.

All survey efforts will follow the New Jersey Department of Environmental Protection (NJ DEP), Historic Preservation Office (HPO) guidelines (New Jersey Register of Historic Places Act Rules N.J.A.C. 7-4) for assessing the need for surveys of the proposed project areas. These guidelines are consistent with (1) Federal regulations developed pursuant to Section 106 of the NHPA, (2) the Secretary of the Interior's Standards and Guidelines for Identification, (3) the NJ DEP, Municipal and Construction Program's cultural resource survey requirements (N.J.A.C. 7:22-10.8), and (4) the NJ Department of Environmental Protection, Land Use Regulation Program, Rules on Coastal Zone Management regarding historic and archaeological resources (N.J.A.C. 7.7E-3.36).

1.2.2. Architectural History.

As specified in the RFQ, URS architectural historians and historians will conduct field assessments to further evaluate Tier 2-site specific reviews, or for other environmental reviews to evaluate and document site-specific conditions that cannot be documented through a desktop assessment. For the identification of historic properties within a defined APE, the field assessor(s) will complete all required photography of the property, including contributing and non-contributing resources and setting, and assess the effects of the project using Section 106 regulations. This assessment will also include a review using the Secretary of the Interior's Standards for the Treatment of Historic Properties.

URS has extensive experience in conducting these types of field assessments, having completed these for numerous communities in which FEMA and HUD funds have been used in disaster response and recovery over the past two decades. A recent example includes our work for the Mississippi Development Authority (MDA). The following describes some of the important NHPA

Section 106-related architectural history and archaeology fieldwork URS completed for this agency, which received over \$5.4 billion in HUD CDBG-DR funding associated with Hurricane Katrina. URS proposes to develop similar protocols for the architectural history component of the New Jersey project. These protocols are described below, and would be coordinated with the firm selected to provide PMO services.

Evaluation of Physical Integrity. In Mississippi, the MDA PA recognized the large number of applications that would be reviewed required the development of tools and procedures to streamline the Section 106 review process under NHPA. One successful streamlining process was the development of the Historic Physical Integrity Guidance (Integrity Guidance) (Appendix E), in consultation with the SHPO and the other PA signatories. This guidance set out procedures for how historic physical integrity would be evaluated as a component of MDA's above-ground property identification and evaluation activities, as required under Section 106 of the NHPA and the terms of the PA. A similar protocol would be developed for use by the architectural history team in reviewing applications involving above-ground resources.

In Mississippi, the HPT used this streamlining tool for the preliminary evaluation of above-ground properties in its review of photographs of properties less than 50 years old (post-1958). The HPT also used the Integrity Guidance to review each above-ground property that was more than 50 years old (pre-1958) to ensure potential historic properties maintained physical integrity and conveyed their significance for listing in the NRHP. If the property clearly no longer retained its historic physical integrity based on the Integrity Guidance, the HPT made a determination that the applicant property was not eligible for the NRHP because it no longer retained the ability to convey its significance according to NRHP Criteria for Evaluation (36 CFR § 60.4 (a-d)). With these determinations made, MDA was not required to consult with the SHPO or Tribes regarding these properties. However, the HPT archived this information to the MDA program files for HUD compliance documentation. All consulting parties to the PA were provided with a copy of this guidance document in April 2008 in order to provide them a greater understanding of the tools to evaluate potentially historic properties. For this New Jersey project, URS architectural historians would receive additional training on the Integrity Guidance for use in above-ground field surveys. The URS architectural history team will also receive related information pertaining to the NRHP's integrity guidance procedures (How to Apply the National Register Criteria for Evaluation, National Park Service, National Register Bulletin 15) and use this information in conjunction with the Integrity Guidance to complete reviews.

URS will also develop a standardized Section 106 evaluation form, based on examples generated for use in Mississippi and Texas. This form will include a condensed Integrity Determination Form, which derived from the Integrity Guidance and used as a guide by SHPO reviewers to understand how the property's integrity was analyzed by the URS architectural history team.

Above-Ground Field Survey and Project Review Procedures and Methods. The URS architectural history team will develop Standard Operating Procedures for Architectural Field Survey and Section 106 Review (Above-Ground SOPs) that describe the procedures and methods for carrying out the Section 106 consultation process for NJ HUD CDBG-funded undertakings in which actions have the potential to affect above-ground historic properties. The Above-Ground SOPs for evaluations described in this section comply with the regulations of the NHPA and the PA that describe how New Jersey will undertake its Section 106 compliance responsibilities.

Through field surveys, trained URS architectural historians will physically inspect and document HUD CDBG-DR funded applications identified in the Section 106 review process as being potential individual NRHP-eligible above-ground historic properties, or are located in or adjacent to NRHP-listed or eligible historic districts. These identification efforts represent the next step in determining

whether the property met NRHP requirements to be considered a historic property. Field observations will evaluate and confirm whether historic properties associated with an application maintained sufficient integrity to be considered NRHP-eligible.

The URS architectural history team will compile field observations and photographic documentation in either one of two project-specific survey forms specifically developed for these undertakings. The NRHP Eligibility and Effects Determination Form will include the following:

- Project type and location (including maps)
- The project's APE, including boundary map and photographs
- Historic context
- Architectural description and photographs of the subject property
- Identification and evaluation of potential historic properties in the APE, including analysis of the property's historic physical integrity
- Project description and specifications as appropriate
- An assessment of effects for the project

When the URS architectural history team surveys applications close to a historic district, it is anticipated a significant number of the applications generated will be properties less than 50 years old (post-1958), vacant lots, or new construction. The Section 106 review process and above-ground field survey will assess the effects of these non-historic properties because of their potential to affect historic properties within the viewshed, even though they are not NRHP-listed or eligible. Field survey procedures will be developed to identify and account for these properties, referred to as "N-C2" (i.e., non-contributing), due to their age or loss of physical integrity. A more streamlined approach for documenting these non-historic properties was developed in consultation with the SHPO. These properties will be documented with the Non-Contributing/New Construction Form (N-C2 Form).

The URS architectural history team will also conduct documentary research on these applications to place above-ground historic properties within a historic context so their significance can be evaluated. Results of the research will be documented and used to establish a statement of significance sufficient to evaluate NRHP eligibility. Data gathered from the field survey and historic research will form the basis for determining whether an EGP or SRAP application contained any historic properties eligible for the NRHP, according to the NRHP Criteria for Evaluation.

1.2.2. Archaeology

As specified in the RFQ, URS archaeologists may conduct field assessments to further evaluate Tier 2-site specific reviews or for other environmental reviews to evaluate and document site-specific conditions that cannot be documented through a desktop assessment. For the identification of historic properties, specifically archaeological sites, within a defined APE, the field team will complete all required photography of the property (including evidence of previous ground disturbance and environmental setting), evaluate whether previous ground disturbance had occurred, and assess the effects of the project on archaeological historic properties using Section 106 regulations. This assessment will also include a review using the Secretary of the Interior's Standards for the Treatment of Historic Properties.

URS has extensive experience in conducting these types of field assessments, having completed these for numerous communities in which FEMA and HUD funds have been used in disaster response and recovery over the past two decades.

Archaeological Field Survey and Project Review Procedures and Methods. Prior to conducting an archaeological field assessment of a project site, the results of the desktop assessment and background research will be reviewed. The procedure focuses on the preliminary definition of the archaeological APE, identification of known archaeological sites within or in the vicinity of the project site, and the assessment of the project site to have a high, medium, or low probability for undocumented archaeological sites based on historical and environmental data.

Field personnel will conduct a Phase I field assessment of each project site. The Phase I assessment will consist of defining the actual archaeological APE based on project plans and site conditions, photography, and a pedestrian survey. The pedestrian survey includes visual inspection of the ground surface to determine the level of prior ground disturbance and whether evidence for a potentially significant archaeological site was indicated based on surface evidence or a site location model. If determined necessary based on field conditions and project plans, four shovel test pits (STPs) will be dug at cardinal directions around the existing building or original building footprint, focusing on the portions of the property where new ground disturbance is anticipated.

Documentation of the field assessment will occur on the forms appropriate to the type of assessment necessary for the project site, such as a Site-Specific or Tiered Environmental Assessment, a CEST environmental review, or a FEMA field assessment. The field assessment will summarize the field methods used for the assessment and the results of the assessment, including photography and field mapping, if necessary, to assess the project effects to historic properties, and identify if any additional assessment work is necessary, such as a Phase II archaeological evaluation of NRHP significance. If necessary, this will also include a description of the methods used to determine the need for additional assessment work, a quote, and cost estimate to perform the additional assessment work. No additional work will be conducted until approval of the plan has been made by the State Contractor Manager and a new task order issued.

All assessments will be conducted in accordance with the New Jersey Programmatic Agreement for Section 106 Review as a result of Hurricane Sandy and the list of Programmatic Allowances included as Appendix B, which enumerate Tier I and Tier II allowances. Any recommendations for additional work will consider the setting of the project site (e.g., rural, suburban, urban) as well as the nature of any known present archaeological sites to determine the most appropriate testing method. Recommendations will follow the NPS Guidelines for Evaluating and Registering Archeological Properties.

1.3 Additional Field Assessments

In addition to the field assessments mentioned above, Section 3.2.10 of the RFQ mentions several other potential environmental assessments. URS is qualified and has experienced personnel to perform any of the mentioned studies. Based upon the information, the only anticipated studies to perform the work (assuming the assessments are related to HUD housing projects – although URS can perform assessments related to any HUD non-housing projects) are the following:

- Noise assessments in accordance with Noise Assessment Guidelines
- State jurisdictional wetlands delineation
- Cultural resource surveys or studies
- Asbestos, lead, or radon testing

Per the RFP, we are prepared to perform any of the assessments. However, those assessments are not specifically included in the costs section.

1.4 Staffing Plan

URS anticipates fulfilling the requirements of this program using in-house resources. As shown in our program organizational chart in Tab 5, we plan to assign four experienced task order managers with appropriate environmental media and cultural resource expertise reporting directly to our Project Manager. They in turn will each coordinate with three Field Team Managers who will have between five and seven technical staff that will conduct initial environmental reviews and support Tier 2 reviews. The location and percentage of time each of the supervisory personnel will be dedicated to the program is displayed on the organizational chart.

The backbone of the environmental work will be the personnel performing the desktop reviews and reporting functions. Those personnel can be located in any location since EMsoURSe can be accessed from any office with internet access. Currently, URS has the specific ability to process several hundred desktop applications weekly. However, the staffing can increase or decrease based upon the New Jersey DEP's requirements. That allows us to increase staff to meet aggressive timelines or reduce staff as the project approaches conclusion. Since the desktop and reporting staff can be located anywhere, it allows us to quickly and efficiently ramp up as needed. With the combination of the on-site staff and management and the back office processing support, URS can easily process the number of environmental applications anticipated.

1.5 Timeframes and Scheduling

URS can estimate timing and scheduling for EHP reviews and field assessments based on past projects and best management processes. Assessments requiring consultation with an external agency or the New Jersey DEP are dependent upon the scheduling and priority level given by the external agency. The following table provides a general timeframe of each requested inspection based upon the time from start to finish (not necessarily the total time spent on each review). Numerous reviews can be completed concurrently. Table 1.5.1 indicates the approximate Time per Review. Table 1.5.2 indicates the number of reviews that can be completed weekly and monthly.

Table 1.5.1: Timeframes per Review

Review	Time	Assumptions
Desktop Assessment	½ day	Includes DCT, preparation of PMF, review time
Field Assessment	1 to 2 days	Includes time to review all requirements for ERR and FEMA assessment. Also includes time to prepare any reports necessary for inclusion into the ERR.
Additional Testing	Unknown	This is dependent upon the type of testing required.
ERR for CENST	½ day	Includes determination of review, preparation of PMF, review and report preparation time.
ERR for CEST	2 days	Includes incorporation of all environmental factors, preparation of eight step document, if needed, preparation of NOI/RROF, request for release of funds, preparation of report and submittal to DEP. This does not include time for any waiting for agency determination (such as waiting for Historical Preservation determination from state and local agencies).
Tiered EA	3 days	Includes all field visits required for processing of the EA, ERR, and NEPA, preparation and publication of the public notices, and all reporting requirements. This includes normal negotiation with agencies but does not include waiting time for agency response.

Review	Time	Assumptions
Non-tiered EA	5 days	Includes time for a HUD housing EA. Non-housing EAs could take significantly longer to process due to the differing nature from housing projects. This would include all of the above information but would require a detailed review of NEPA requirements as the items would not be eliminated during a tiered approach.

Table 1.5.2: Review Completions

Review	Weekly	Monthly	Assumptions
Exempt	150	600	Assumes only 58.6 for housing related issues.
CENST	125	500	Assumes GIS layers available for flood plains, coastal barrier zones, and airport clear zones.
CEST	125	500	Assumes a steady State approach. The first few applications will take the full two days to complete, but once applications are in the queue, it will take less time to process. Additionally, this number can be increased to 1,000 per month if applications are available.
Tiered EA	25	100	Assumes Tier 1 incorporates all NEPA information into the tiered approach.
Non-Tiered EA	10	40	No specific assumptions.
Section 106	30	120	This is based upon the estimated number of Section 106 reviews that will require actual field visits. URS can easily increase the numbers reviewed. This does not include the wait time for historic agencies which can be up to 21 days.
FEMA	50	200	Includes the site visit to perform the work. If the site visits are coordinated with other site visits, the number can increase.



Tab 2 – Start-up Team



TAB 2: START-UP TEAM

URS can fully staff program operations on receipt of written Notice to Proceed (NTP) and maintain appropriate staffing levels from startup through project completion. We anticipate higher numbers of staff will be needed for months two through six of the first 180 days of the program, with a slightly lower demand for months seven through eight to serve the New Jersey Department of Environmental Protection (DEP's) needs as the program progresses and reviews are completed. URS will mobilize key program leadership with local experience, extensive Environmental and Historic Preservation (EHP) experience working after Sandy in New York City, and CDBG-DR experts from Texas, Louisiana, Mississippi, and the East Coast. These key leaders bring program knowledge, rapid start up capability, processes and procedures, and proven program success.

Key management and startup staff will be based out of URS' offices in Clifton, NJ; Burlington, NJ; Germantown, MD; Fort Washington, PA; and Baton Rouge, LA. Because of the nature of Desktop Assessment reviews, URS envisions completing these reviews using trained specialists located in numerous offices, primarily throughout the East Coast, and bolstered, when needed, by other offices nationwide. URS will utilize additional staff, who will be based in NJ, to carry out the more detailed field assessments, and where needed, a limited number of additional environmental investigations. Our organizational chart in Tab 5 illustrates our organizational structure. Five major functional task areas – Threatened Endangered Species/Wetlands; Hazardous Materials/Hazardous Waste; Architectural History; Archaeology; and GIS/Data Management – will be managed by senior practitioners with direct experience in FEMA and/or HUD programs. Reviews and fieldwork will then be specifically managed within New Jersey by 12 field managers, for all task areas, with the exception of GIS/Data Management.

On over 150 disaster response and recovery activities, our team was called upon to respond in less than 48 hours and numerous times we have mobilized more than 40 staff in less than 48 hours to surge staff in New York City. This experience and the combined local resources of URS enable us to activate an enormous number of technical staff with recovery experience to directly support DEP should the need arise.

Figure 2-1 and Table 2-1 below includes requested information regarding our proposed Startup Team and Key Personnel. This core group will be supported by approximately one hundred URS staff available to meet the specific programmatic needs of New Jersey State. All members of the surge teams will be proficient in the technology systems utilized for accurate data collection and management, and will be appropriately trained to carry out field investigations.

Figure 2-1: Organizational Chart

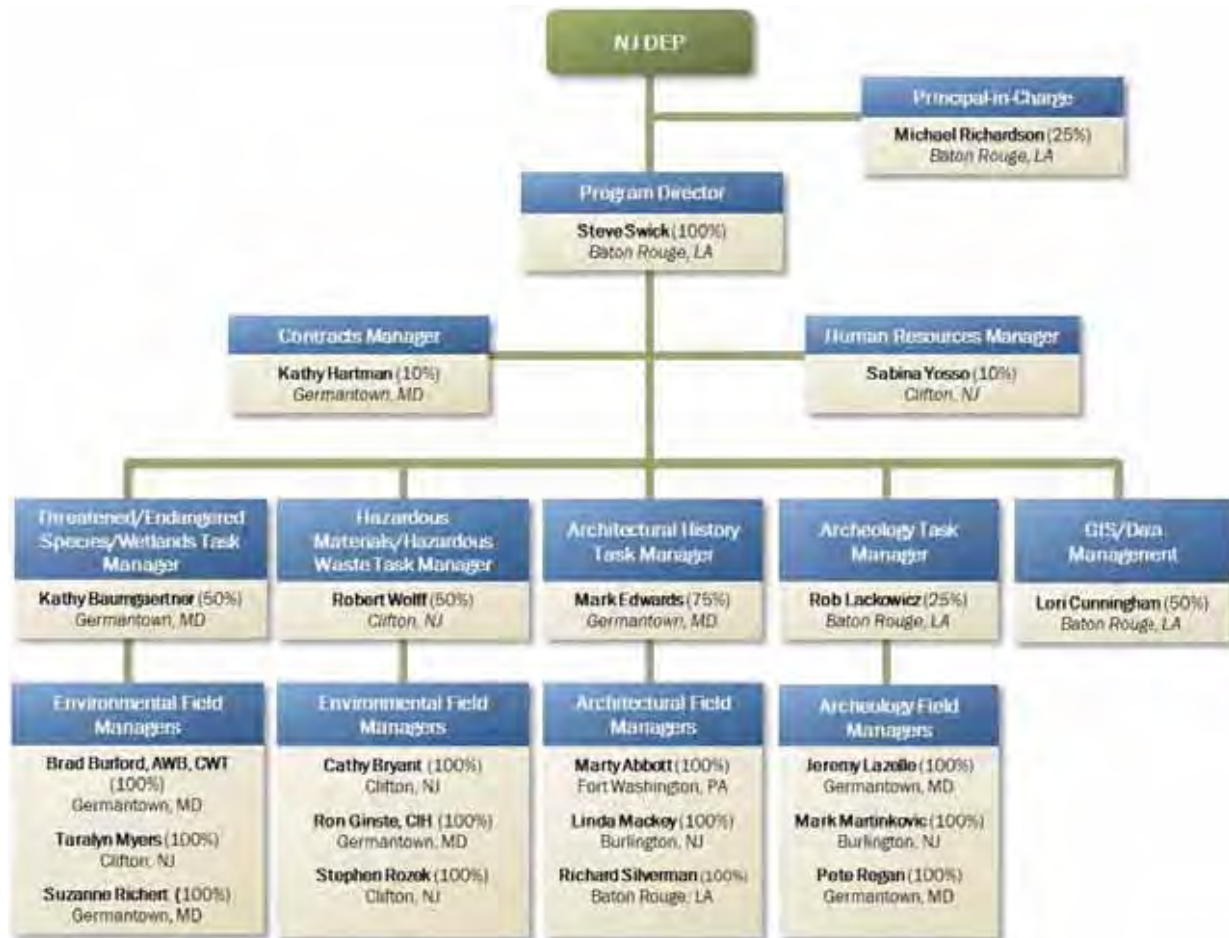


Table 2-1: Start-up Personnel

Name	Role	% Commitment	Location	Key Staff?
Mike Richardson	Principal-in-Charge	25	Baton Rouge, LA	Y
Steve Swick	Project Manager	100	Baton Rouge, LA	Y
Kathy Hartman	Federal Subcontracting Procurement Manager	10	Germantown, MD	Y
Sabina Yosso	Human Resources Manager	10	Clifton, NJ	Y
Kathy Baumgaertner	Threatened Endangered Species/Wetlands Task Manager	50	Germantown, MD	Y
Robert Wolff	Hazardous Materials/Hazardous Waste Task Manager	50	Clifton, NJ	Y
Mark Edwards	Architectural History Task Manager	75	Germantown, MD	Y
Rob Lackowicz	Archaeology Task Manager	25	Baton Rouge, LA	Y
Lori Cunningham	GIS/Data Task Manager	50	Baton Rouge, LA	Y
Brad Burford	Environmental Field Manager	100	Germantown, MD	Y
Suzanne Richert	Environmental Field Manager	100	Germantown, MD	Y
Taralyn Myers	Environmental Field Manager	100	Clifton, NJ	Y

Name	Role	% Commitment	Location	Key Staff?
Cathy Bryant	Environmental Field Manager	100	Germantown, MD	Y
Ron Ginste	Environmental Field Manager	100	Germantown, MD	Y
Steven Rosek	Environmental Field Manager	100	Clifton, NJ	Y
Marty Abbott	Architectural Field Manager	100	Fort Washington, PA	Y
Linda Mackey	Architectural Field Manager	100	Burlington, NJ	Y
Richard Silverman	Architectural Field Manager	100	Baton Rouge, LA	Y
Jeremy Lazelle	Archeology Field Manager	100	Germantown, MD	Y
Mark Martinkovic	Archaeology Field Manager	100	Burlington, NJ	Y
Pete Regan	Archaeology Field Manager	100	Baton Rouge, LA	Y



Tab 3 – Contract Management



TAB 3: CONTRACT MANAGEMENT

We understand the intensity and complexity of undertaking large-scale site assessment programs and have a well-developed program management process supported by key leaders with the experience needed to rapidly mobilize, plan, develop, and execute the environmental compliance reviews.

The URS has extensive experience with the delivery of large Federally-funded disaster recovery programs and HUD CDBG-DR funded housing programs. Our team has delivered successful post-disaster programs in Texas, Mississippi, and Louisiana valued at over \$6 billion. Our methods are time tested and proven to provide efficient, reliable, and cost-effective program management.

Management, Control, & Supervision

URS will establish a collaborative and process driven procedure to manage, control, and supervise all contract activities. The core of the contract management plan is communication. URS will confer in detail with DCA administrators and staffs to ensure all program objectives and constraints are addressed in contract documents including expectations for quality, schedule, price, and documentation requirements.

As a Vice President of URS, the project Principal in Charge, Mike Richardson, has the authority to obligate and commit the resources to provide DCA with best project team to successfully complete the work. Mr. Richardson will be supported by project and task managers who will provide support in developing program tracking, identifying, and mobilizing resources for individual assignments and implementing standardized protocols for the reviews. Control of a multidiscipline, rapid response contract requires clearly established and understood roles and responsibilities with direct lines of communication.

The contract will be managed out of our Baton Rouge, LA office with the assistance of regional and nationwide staff to execute the reviews. URS has developed and refined our team management techniques based on our experience performing over 10,000 environmental reviews and assessments throughout the Gulf Coast in the wake of Hurricanes Katrina, Ike, Rita, Dolly, Gustav and Isaac. Additionally, URS has extensive environmental experience in performing FEMA work all over the nation. We plan to maintain a continuous program improvement process based on DCA feedback.

Minimizing Hand-Offs Between Different Steps of Assessment & Environmental Review

URS will draw upon the integrated processes we developed in support of CDBG-DR programs including Texas and Mississippi to minimize or eliminate hand-offs between the different steps of assessment and environmental review. For example, data collected during site visits for environmental assessments, (e.g., photographs, field forms, GPS coordinates) will also be leveraged for historic preservation reviews and vice versa. Field data are input via specially designed applications on iPads and automatically uploaded to EMsoURSe for use by environmental specialists processing the work.

Varying Staffing Levels to Satisfy DCA Requests & Variations in Applicant Demand

The URS has extensive experience delivering post-disaster recovery services that require rapid mobilization and de-mobilization of staff and other resources. Our proposed Project Manager, Steve Swick, has managed disaster recovery projects that ramped up to over 150 full time equivalents and processing of over 400 environmental applications per week. These projects ran the full gamut of services, from data collection visits, desktop reviews, and categorically included

reviews all the way to detailed Environmental Assessments (both tiered and non-tiered). We offer staffing support of more than 50,000 URS employees that can perform this work including several thousand with detailed experience in disaster recovery projects. This means DCA has access to a flexible and adaptable resource that can adjust to variations in their demand for EHP reviews.

Communication

Effective, timely, responsive, and ongoing communication with DCA and within URS will be key to project success. Our Project Manager (PM), Steve Swick, will be the primary point-of-contact with DCA. After the initial in-person kickoff meeting, our communications strategy is to hold conference calls with DCA staff and the URS Management Team, as well as internally among the management team and field staff as often as needed throughout the project. We anticipate weekly conference calls at a minimum, and possibly more frequently during project start-up. Mr. Swick will be available within 24-hours of being contacted along with Mr. Richardson who will serve as Principal in Charge and Mr. Stehle Harris, who is Mr. Swick's production support.

URS will communicate internally through telephone calls, e-mails, conference calls, memorandums, electronic messaging, and meetings, based on the urgency and content of the message; however, the primary means of communication will be via a project-specific SharePoint web site. The management team can communicate quickly and efficiently with all staff working on the project through our SharePoint by posting items, such as procedure changes and schedules, to the main page's announcement section. Project-related information, such as staffing and schedule changes, can be highlighted using the "Updates" windows. The SharePoint will include a staff contact list that will provide a single location for team members to locate email addresses and phone numbers of key staff, as well as team calendars that allow team members to view staff assignments, meeting times, and communicate milestones.

Meetings and Reporting

The URS Management Team led by our PM, Mr. Swick, will attend a kickoff meeting with DCA leadership within 5 days of contract award. The kickoff meeting will be used to confirm the scope of work and deliverables, identify effective communications, meetings and reporting protocols and establish a workflow strategy for timely transfer of information and requests between DCA and URS.

Mr. Swick will be available via telephone within 24 hours to provide a report on URS' progress to the DCA staff.

URS field staff will provide daily reporting of their progress via the EMsoURSe software dashboard. The URS Management Team anticipates weekly action planning meetings with DCA throughout the project. Weekly meetings will be structured to set specific objectives and gain a common operating picture. Specifically, our approach for the weekly action planning meetings is to:

- Allow DCA to establish priorities for the coming week
- Review upcoming milestones
- Discuss upcoming deliverables
- Provide financial information on the contract
- Discuss any concerns or potential impediments to program success

Our PM will provide written weekly progress reports to DCA including environmental review statistics, budget status and schedule, as well as identify any issues the project team is having (along with potential solutions as appropriate). We will also provide DCA leadership with a monthly contract status report. This written monthly correspondence is a contract management vehicle that presents a clear and concise picture of technical, financial, and administrative activities. The "Technical

Activities" section summarizes the prior month's work completed, current work activities, the next month's proposed work activities, and identifies program delivery risks. Contract financial metrics provided in the monthly report include the monthly contract burn rate, as well as costs incurred to date, costs incurred the previous month, amount invoiced, and amount paid. This monthly program management tool enables a clear understanding of the past, current, and proposed technical activities, and corresponding costs to support those activities. This document also ensures timely, accurate reimbursement in compliance with DCA guidelines. At the end of the project, URS will provide a contract closeout audit/report.

Our approach to meetings and reporting ensures DCA and URS leadership are tactically aligned on the daily/weekly execution of the project.

Program Schedule

The following table outlines the anticipated schedule for completing program tasks.

Program Task	Timeframe
Kickoff Meeting	Within 5 days of Notice to Proceed
Project Startup	First two weeks
Complete Initial 3,000 Reviews	Months 1-4 (120 day duration)
Complete additional reviews (unspecified amount)	Months 5-10 (180 day duration)



Tab 4 – Potential Challenges



TAB 4: NJ EAF PROPOSAL-POTENTIAL CHALLENGES

URS is a nationally recognized leader in EHP reviews for HUD and FEMA. We've identified the risk and consequences associated with the NJ EFA program from our work on similar programs in Mississippi and Texas. We have also developed effective mitigation techniques to minimize identified risks. Provided below is a summary of program risks and mitigation measures to support program success.

Risk Category	Risk	Probability of Occurrence/Consequence	Mitigation Plan
Schedule, Cost	Coordination and data sharing requiring multiple hand-offs among URS, New Jersey and the RREM contractors. This could lead to delays if executed poorly.	High/High	URS proposes a Program Management approach to develop common operational protocols for data and information coordination/transfer such as the use of software (SharePoint and EMsoURSe) and data entry standards for all EHP reviews.
Schedule, Cost	A large number of eligible homes are found to have been constructed before 1978 and contain lead based paint. Pursuant to HUD requirements, lead based paint risks must be identified and addressed.	High/Medium	URS, in consultation with DCA, will develop a plan governing how lead based paint will be identified and addressed prior to program deployment. URS understands that some of the RREM contractors may be performing tests for LBP. This plan will also govern the coordination between any outside entities performing LBP.
Legal	URS field team communication or interaction with applicants and other stakeholders leads to delays, complaints, appeals, and negative media coverage.	Medium/High	The URS Management Team will train all field staff in the proper protocol for interaction with applicants, homeowners, stakeholders, and the public if they are approached by any of these parties during their field visits.
Schedule	On-boarding of field staff to complete reviews in DCA's desired timeframe.	Low/High	URS has managed staffing scale up for similar programs by bringing in an experienced core management team including field task managers that know how to effectively coordinate and engage hundreds of employees from multiple offices for seamless and timely project execution.
Cost	Inefficient desktop and field reviews leading to longer amounts of time than necessary.	Low/High	The URS Management Team, in coordination with DCA, has developed standards for how long a typical review should take and can easily tailor those reviews for DCA. Because URS staff is experienced in EHP reviews of this nature and we are sensitive to the need for efficiency, we can quickly complete the work while maintaining a high quality product.

Risk Category	Risk	Probability of Occurrence/ Consequence	Mitigation Plan
Schedule	Difficulty getting NJ One Call Utility clearances for conducting archeological and environmental subsurface investigations.	Medium / High	URS will train or assign previously trained URS internal staff to conduct utility clearances so that intrusive field work does not get bottle-necked. URS was required to perform this work for the Mississippi Development Authority due to the number of applications and the availability of One Call personnel.
Schedule, Cost	Requirement to publish a Notice of Intent / Request for Release of Funds	High / Medium	The RFP indicates the EAF should prepare and publish a NOI / RROF for any categorically excluded applications that do not fall to exempt. A Programmatic Request for Release of Funds could be made with HUD granting a Programmatic Authorization to use grant funds.



Tab 5 – Organizational Support and Experience



TAB 5: ORGANIZATIONAL SUPPORT AND EXPERIENCE

URS offers exceptional depth and breadth of professional personnel available in-house with decades of environmental and historic review, housing recovery, CDBG-DR, program implementation, PM/CM, and Stafford Act program knowledge. URS has proven performance supporting such large programs nationwide. This defining advantage is of critical importance to our clients in delivering first-rate consulting support. As complex projects move forward over time, issues may arise requiring technical skills or capabilities not initially envisioned during planning phases or scoping.

Our team is composed of dedicated personnel, highlighted in Sections 2 and 6, over 1,500 personnel located throughout our New Jersey offices, and a pool of 50,000+ surge personnel located across the country. Special consideration was given to selecting the program managers and task leads listed in the Organization Chart; associated staff for each labor category shown in Figure 6.1 and Table 2.1, and technical resources providing support to each of our task leads. Resumes are included in Section 6.

URS is responsible for performing environmental and historic preservation reviews and overall program management of this contract, including the management of subcontractors. The management approach for our organizational structure is discussed in detail in Tab 3. This discussion includes identification of management, supervisory and/or key personnel, as well as the organizational reporting structure. The URS Program Manager and task leads are highly qualified to support DEP, based on the scope of services.

URS places quality and client service first. Excellence, by providing the best value to the client, is the foundation on which URS has grown. Specifically, more than 80 percent of our annual business is from repeat clients. Our clients keep returning because of our responsiveness to client needs, our ability to complete projects on schedule and within cost limitations, our quality products, and our overall spirit of cooperation with clients. Whether working together, or as an individual company, we have a history of providing clients with continuous quality innovations. This is best shown by our continued service.

URS' past performance excellence is not unique to a single client. We have provided continuous service to some clients for more than 30 years. Our Federal DoD customers, including the U.S. Army Corps of Engineers (USACE), U.S. Navy, and U.S. Air Force, have rated URS **"Above Average"** or **"Excellent"** on over 300 projects in their Architect-Engineer Contract Administration Support System (ACASS) ratings.

We value the State of New Jersey and its individual communities as clients and have strived to meet the challenges and opportunities that arise on projects we support for them each and every day for more than 60 years.

URS is proud of our past record supporting state and local communities in over 900 disasters as shown in **Figure 5.1**. We have received more than 40 letters of

"Over the holidays, I read the elevation guidelines manual and reviewed the related support material, all of which had been prepared by URS. All are just excellent: the explanations are clear; the illustrations add even greater clarity; and the information is exceptionally useful. I found the descriptions of flood elevation levels particularly helpful. This is such an important resource and reference document for not only the applicants but for the state as well. It's so well done and accessible. I'd like to have a few extra copies (four or five) if you have them available. I just wanted to send you a note to let you know how helpful this is. Thanks."

- Neil Rogers
MDA Small Rental Assistance Program
Manager

commendation for our disaster response and recovery efforts. URS takes great pride in the fact that many of these letters have been from state and local governments.

Figure 5.1: URS Disaster Response and Recovery Experience



URS has over 20 years of experience working cooperatively with grant making agencies and the grantee community. We have a history of supporting states and communities in numerous grant programs for economic development and infrastructure revitalization, including but not limited to the following programs:

- New Starts and Transportation Investment Generating Economic Recovery (TIGER) with the U.S. Department of Transportation (DOT)
- Energy Efficiency and Conservation Block Grant (EECBG) with the U.S. Department of Energy
- Cooperative Agreement and Development Agreements (CRADAs) with the U.S. Environmental Protection Agency
- American Recovery and Reinvestment Act (ARRA) grants throughout the government

Our experience spans the spectrum from application development, to project management, to policy and guidance support. URS has supported the management of disaster recovery grants totaling \$24 billion as shown in **Table 5.1**.

Table 5.1: URS Disaster Mitigation and Recovery Grant Management Experience

PROGRAM	VALUE OF GRANTS SUPPORTED
FEMA PA	\$10,000,000,000 +
HUD CDBG-DR Mississippi Development Authority	\$ 5,500,000,000
FEMA HMGP	\$ 5,400,000,000
HUD CDBG-DR Texas General Land Office	\$ 3,200,000,000
FEMA Non-Disaster Grants (PDM, RFC, SRL, and FMA)	\$ 2,850,000,000
Total	\$ 26,950,000,000 +

Since 2008, URS has worked alongside disaster-impacted states and communities, planning, designing, and implementing their CDBG-DR programs. We recognize infrastructure recovery is integral to successful housing and community recoveries. During this time, URS supported the delivery of over \$6.2 billion in CDBG-DR program funds. In 2010 alone, URS supported over \$1.9 billion in infrastructure projects. This past performance allows URS to provide the New Jersey Department of Environmental Protection (DEP) with unmatched experience delivering infrastructure recovery programs that enable housing and community development and recovery.

Figure 5.2: Recent URS Housing and Infrastructure Experience



5.1 Specific Disaster Experience

URS' prior and unique experience in managing large-scale Environmental and Historic Preservation (EHP) reviews is nearly identical to what is necessary for this endeavor. This experience is evident in our work with post- Hurricane Katrina disaster settings in Louisiana and the Mississippi Gulf -- on behalf of HUD and the Mississippi Development Authority (MDA) in Mississippi and FEMA in Louisiana -- as well as in Texas for the Texas General Land Office (GLO) following Hurricanes Ike and Dolly. URS proposes the New Jersey DEP draw on the knowledge, experience, and efficiencies URS helped develop in these post disaster situations to perform all necessary post-Hurricane Sandy EHP reviews and expeditiously facilitate funding to applicant homeowners. There is no other contractor with URS' experience in developing efficient review processes for Federal agencies in post-disaster settings on the scale of Hurricane Sandy, and no other contractor who has had the ability to further refine and improve upon these review systems and processes.

In response to Hurricane Katrina in 2005, the MDA provided assistance to homeowners to rehabilitate or reconstruct over 30,000 housing structures and 5,000 affordable housing units as part of a CDBG project funded by HUD. URS successfully developed and negotiated the necessary programmatic agreement and managed the resulting application review, including EHP, for over 35,000 total properties.

As part of the support for MDA, URS provided some unique specialized services to assist with review and recommendations. To expedite the Elevation Grant Program and the Small Rental Assistance Program application reviews of MDA undertakings, URS developed a project-specific archaeological predictive model for the four-county Mississippi Gulf Coast area. Additionally, because of the complex relationship between required NHPA Section 106 review and other Federal, State, local building, and historic preservation review processes, URS also created a new set of Elevation Design Guidelines, which provide recommended elevation design guidance for the rehabilitation of historic buildings assisted through MDA programs. This still represents the only state-based elevation design guidelines for disaster mitigation in the nation.

URS worked with FEMA in Louisiana post-Katrina to perform architectural history, archaeology, and environmental reviews of over 49,000 properties. This large-scale review effort supported FEMA's Hazard Mitigation Grant Program (HMGP), to which the Louisiana Office of Community Development applied for funding to better prepare private residential buildings for the next major storm event through infrastructural improvements. URS worked with FEMA to develop a GIS program to complete separate yet concurrent reviews for each of the nearly 50,000 properties.

Since 2012, URS has supported the Hurricane Ike/Dolly CDBG-DR Housing Recovery Program for the Texas General Land Office (GLO). Through this contract, URS provided essential planning and policy development services in the pre-award cycle and is conducting EHP reviews, among other tasks, ensuring the program is in compliance with CDBG-DR regulations. URS has supported the GLO in tailoring the program to address unique issues or differences in this large and diverse state. It is estimated the Round 2 program will result in the construction or rehabilitation of over 3,000 single and multi-family housing units.

URS has supported FEMA under multiple successive IDIQ contracts for over 18 years, serving as FEMA's "go-to" provider of expert EHP technical services nationwide. URS provides on-site and office-based support to FEMA at all phases of the disaster lifecycle, from hazard mitigation planning, immediate response and recovery assistance support, to long-term post-disaster compliance support. URS has an established network of EHP professionals in all ten FEMA regions with specialized, regional knowledge of FEMA's Environmental and Historic Preservation staffs, as well as regional regulators.

URS Corporation has held two major multi-year contracts with FEMA to provide pre- and post-disaster consulting services under, the Hazard Mitigation Technical Assistance Program (HMTAP) and the Nationwide Infrastructure and Technical Assistance Consultants (NISTAC) Program, which is contracted through FEMA's Public Assistance Technical Assistance Contract (PA-TAC). All work under these contracts is directed and managed by the URS office in Germantown, Maryland.

Under the HMTAP contract, URS provided broad-based technical support and programmatic assistance to FEMA's Mitigation Program covering all hazards, including floods, hurricanes, earthquakes, wildfires, ice storms, tornadoes, tsunamis, terrorist attacks, and other events in all ten FEMA Regions. URS has provided support to FEMA in over 185 disaster declarations through over 750 individual task orders. Under the HMTAP contract, URS achieved numerous program innovations and accomplishments, including:

- Provided extensive environmental compliance support on disasters in all ten FEMA Regions and three U.S. territories. Made use of Programmatic Environmental Assessments in Michigan, West Virginia, California, and Florida to expedite schedules and reduce the cost of compliance by 30%.
- Developed and delivered 12 FEMA courses throughout the nation, including Benefit-Cost Analysis, Mitigation Planning, Coastal Construction, National Historic Preservation Act Compliance, and Building Codes.
- Prepared a series of national planning "How To" guides to aid in community disaster mitigation plan development.
- Developed and implemented procedures for inaugural Pre-Disaster Mitigation (PDM) program including web-based technical review tool. Used tool to evaluate over 700 PDM application reviews under stringent deadlines to support national panel reviews by FEMA in 2003 and 2005.
- Prepared hundreds of miles of post-disaster studies for hurricanes and statewide risk assessments through the country.

5.2 References

URS has performed similar services for clients located in several locations nationwide. Contact information for persons who may be contacted are provided below:

REFERENCES	
Reference 1	Reference 2
<p>Jon Mabry Chief Operations Officer, Disaster Recovery Division P.O. Box 849 Jackson, MS 39205 (601) 359-2379 jmabry@mississippi.org</p>	<p>Nell Rogers Program Manager, Disaster Recovery Division P.O. Box 849 Jackson, MS 39205 (601) 359-9341 nrogers@mississippi.org</p>

REFERENCES	
Reference 1	Reference 2
Jorge Ramirez Deputy Commissioner 301 Congress St. Austin, TX 78701 (866) 206-1084 jorge.ramirez@glo.texas.gov	Javier Perez Housing Director 301 Congress St. Austin, TX 78701 (866) 206-1084 javier.perez@glo.texas.gov

Table 5.2 provides insight into the breadth of project experience URS brings to the project.

Table 5.2: Previous Experience

Project Subtitle(s)	Location	Client	Governmental & Federal Agencies	CDIS Program	Grant Management	Project Management	Policy Support	Training Support	Emergency Response	Feasibility	Possible Remediation	Technology	Public Outreach	Demographics & Outreach
1. Hurricane Ike / Dolly CDBG-DR Housing Program, Rounds 1 and 2	Beaumont, TX	Texas General Land Office	•	•	•	•	•	•	•	•	•	•	•	•
2. Hurricane Katrina CDBG-DR Housing Program	Mississippi	Mississippi Development Authority	•	•	•	•	•	•	•	•	•	•	•	•
3. Public Assistance Technical Assistance Contract NISTAC IV	Nationwide	Federal Emergency Management Agency	•	•	•	•	•	•	•	•	•	•	•	•
4. Hazard Mitigation Technical Assistance Program (HMTAP)	Nationwide	Federal Emergency Management Agency	•	•	•	•	•	•	•	•	•	•	•	•
5. Hazard Mitigation Assistance (HMA)	Nationwide	Federal Emergency Management Agency	•	•	•	•	•	•	•	•	•	•	•	•
6. Technical Assistance and Research Contract (TARC)	Nationwide	Federal Emergency Management Agency	•	•	•	•	•	•	•	•	•	•	•	•
7. Storm Damage Reduction and Building Assessment Projects	New Jersey	United States Army Corps of Engineers	•	•	•	•	•	•	•	•	•	•	•	•
8. Disaster Housing Recovery Plan	New England Region (MA, NH, RI, Boston, Providence)	NE Regional Catastrophic Planning Initiative	•	•	•	•	•	•	•	•	•	•	•	•
9. World Trade Center Recovery	Greater New York City Area	Port Authority of New York / New Jersey	•	•	•	•	•	•	•	•	•	•	•	•
10. Hudson-Bergen Transit Rail Line	New Jersey	New Jersey Transit Corporation	•	•	•	•	•	•	•	•	•	•	•	•
11. Atlantic City Post Office, Historic American Survey (HABS)	Atlantic City, NJ	Atlantic County, NJ	•	•	•	•	•	•	•	•	•	•	•	•
12. Phase II Cultural Resource Background Investigations for Dredging of the Delaware and Raritan Canal	Franklin Township, Somerset County, NJ	New Jersey Water Supply Authority	•	•	•	•	•	•	•	•	•	•	•	•
13. Historic Architectural Survey for Proposed Reconstruction of US Route 9 and Lacey Road Intersection	Lacey Township, Ocean County, NJ	New Jersey Department of Transportation	•	•	•	•	•	•	•	•	•	•	•	•
14. National Register Nomination for the George Chamberlain House / Jefferson Township Historical Society	Jefferson Township, NJ	Morris County, NJ Public Works Engineering Division	•	•	•	•	•	•	•	•	•	•	•	•

Table 5.2: Previous Experience

Project Description	Location	Client	Environmental & Historical Evaluation	CEQA/Program Review	CEQA/Program Approval	CEQA/Program Implementation	Project Management	Risk Mitigation	Historic Review/	Economic Analysis/	Program Management	Technology	Field Support	Construction & Operations
15: NJ Department of Transportation Open End Contract for Cultural Resource Investigation Statewide	Statewide NJ	New Jersey Department of Transportation	*				*						*	*
16: Individual Assistance - Technical Assistance Contract (IA-TAC III) Disaster Solution Alliance, LLC JV	FEMA Region II (New Jersey, New York, Puerto Rico) FEMA Region I, FEMA Region NJ	Federal Emergency Management Agency	*				*		*			*	*	*
17: Hurricane Sandy Infrastructure Assessment	New York City	Metropolitan Transportation Authority			*		*						*	*
18: Floodplain Mapping - New Jersey	Statewide NJ	NJ Department of Environmental Protection					*				*		*	*
19: Risk MAP Production and Technical Services Contract (RAMPP JV)	FEMA Region I (New Jersey, New York, Puerto Rico) FEMA Region III, FEMA Region VI	Federal Emergency Management Agency					*		*		*		*	*
20: Housing Inspection Services PARR JV	Nationwide	Federal Emergency Management Agency					*		*		*		*	*
21: Atlantic City NJ Hazard Mitigation Plan	Atlantic City NJ	Atlantic City NJ					*		*		*		*	*
22: Burlington County, NJ Multi-Jurisdictional Hazard Mitigation Plan	Burlington County, NJ	Burlington County, NJ					*		*		*		*	*
23: Monmouth County, NJ Multi-Jurisdictional Hazard Mitigation Plan	Monmouth County, NJ	Monmouth County, NJ					*		*		*		*	*
24: Atlantic County, NJ Multi-Jurisdictional Hazard Mitigation Plan	Atlantic City, NJ	Atlantic City, NJ					*		*		*		*	*
25: Monmouth County, NJ 5-Year Hazard Mitigation Plan Update	Monmouth County, NJ	Monmouth County, NJ					*		*		*		*	*

Figure 5.3: Organizational Chart

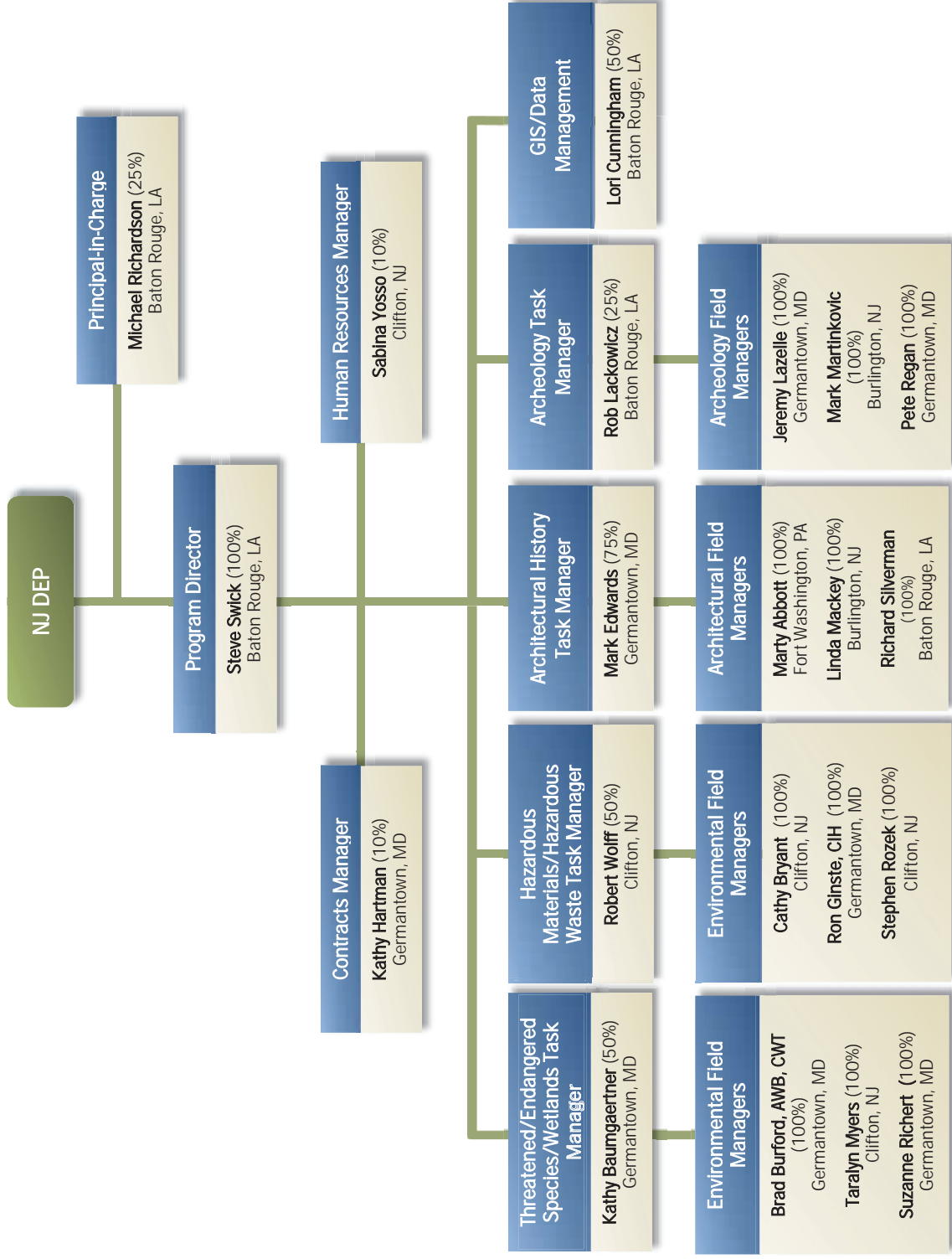


Table 5.3: Key Personnel Labor / Hourly Rate Table

Labor Title	Names	Hourly Rate Year 1	Hourly Rate Year 2	Hourly Rate Year 3
Principal	Michael Richardson	\$189.19	\$194.87	\$200.72
Program Director	Steve Swick; Kathy Hartman; Sabina Yosso	\$152.90	\$157.48	\$162.20
Task Manager	Kathy Baumgaertner; Mitch Schloner; Mark Edwards; Rob Lackowicz; Lori Cunningham	\$121.93	\$125.59	\$129.36
Field Manager	Suzanne Richert; Brad Burford; Marty Abbot; Linda Mackey; Richard Silverman; Jeremy Lazelle; Mark Martinkovic; Pete Regan	\$108.36	\$111.61	\$114.96



Tab 6 – Resumes



TAB 6: RESUMES

URS offers unparalleled EHP expertise for disaster recovery related issues, CDBG program knowledge, and proven performance supporting grants implementation. Our team is composed of both full-time, dedicated, on-site support, and a pool of surge personnel located across New Jersey and throughout the country. Care was taken in selecting our management key personnel and individuals listed in the organizational chart that follows, and in **Table 6.1** on the next page. Additional staff are shown in Table 6.1 to demonstrate the depth of staff available.

The organizational chart shown below notes the key personnel assigned to this contract. Technical resources include personnel available to DEP on an as-needed or surge-support basis.

URS considers key personnel to be those employees integral to ensuring the rapid mobilization of the program for DEP.

Resumes are included in for the identified management, supervisors, and key staff.

Mike Richardson, PE, CPM

Principal-in-Charge

PROJECT SPECIFIC EXPERIENCE

Principal-in-charge, Mississippi Development Authority (MDA), Environmental Review Program, Biloxi, Mississippi, (2007-Present): With a client of the Mississippi Development Authority, Mr. Richardson contributes to the success of several programs, including Environmental Review Program Management, Small Rental Assistance and Elevation Grant Program. He interacts with MDA management on a weekly basis, providing oversight on all aspects of the project work. Additionally, he coordinates with the project manager on goals and production issues and ensures the project is meeting client expectations.

References: Jon Mabry, Chief Operations Officer, DRD, PO Box 849, Jackson, MS 39205, (601)359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Housing recovery, environmental reviews, production coordination

Principal-in-charge, South East Texas Regional Planning Commission (SETRPC), Management Services for CDBG Program for Disaster Recovery Services for Hurricane Ike, Coastal Texas, (2007-Present): Mr. Richardson worked closely with the Regional Planning Commission to provide damage assessment, design of rehabilitation or replacement, and oversight for all construction activities. Round 1 activities included almost 600 sites, many of which were reconstructions.

References: Shaun Davis, Executive Director, 2210 Eastex Fwy, Beaumont, TX 77703, (409)899-8444 ext. 6041, sdavis@setrpc.org

Relevance to NJ EAF: Housing recovery, damage assessments, high volume home construction

Principal-in-charge, Mississippi Development Authority (MDA), Neighborhood Home Program, Coastal Mississippi, (2007-Present): Mr. Richardson supported the Neighborhood Home Program in Coastal Mississippi by working closely with the Mississippi Development Authority (MDA) and other contractors to provide review and damage assessment services for repair and rebuilding activities associated with Mississippi residents affected by Katrina that still have unmet needs.

References: Jon Mabry, Chief Operations Officer, DRD, PO Box 849, Jackson, MS 39205, (601)359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Housing recovery, damage assessments

Principal-in-charge, Mississippi Development Authority (MDA), Long Term Workforce Housing Program, Coastal, Mississippi, (2007-present): On the Long Term Workforce Housing Program, Mr. Richardson worked extensively with the Mississippi Development Authority (MDA) and other contractors to provide regulatory guidance and develop Environmental Review Records for projects associated with developing housing for the emerging workforce. Additionally, he directed disaster recovery work for economic development of businesses impacted by Katrina.

References: Jon Mabry, Chief Operations Officer, DRD, PO Box 849, Jackson, MS 39205, (601)359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Housing recovery, environmental reviews

FIRM

- URS

AREAS OF EXPERTISE

- Program Management
- Process Development
- Compliance with FEMA and HUD
- regulations and housing programs
- Disaster Recovery

YEARS OF EXPERIENCE

- 30 Years

EDUCATION

- MS/Civil-Geotechnical Engineering/1987/Louisiana State University
- BS/Civil Engineering/1983/Louisian/State University

REGISTRATION/CERTIFICATION

- Registered Professional Engineer: AL, AR, GA, LA, MS
- Certified Project Manager

Steve Swick, RPG

Project Manager

PROJECT SPECIFIC EXPERIENCE

Deputy Program Manager, Texas General Land Office (GLO) Recovery Program, Texas, (2012-Present): For GLO, URS provided total program management services (eligibility, damage assessment, environmental, and construction management) in support of the Housing and Urban Development (HUD) Community Development Block Grant (CDBG) homeowner assistance. URS created an operational plan to accomplish the project so funding could be approved for homeowners to rehabilitate or reconstruct their homes. The project included the integration of Outreach, Needs Assessment, Operational Planning, a programmatic agreement, GIS/Database Development, data management, damage assessment and environmental review processes, and execution of construction oversight activities (plans & specifications, inspections, contractor assignments, and payment processing). Mr. Swick was in charge of managing project finances for the GLO program portfolio.

References: Phyllis Foulds, PO Box 12873, Austin, TX 78711, (512) 861-4960, phyllis.foulds@glo.texas.gov

Relevance to NJ EAF: Housing recovery, damage assessments, environmental review process

Project Manager, Mississippi Development Authority (MDA) Recovery Program, Mississippi, (2008-Present): For MDA, URS provided environmental services in support of the HUD CDBG homeowner assistance. URS created an operational plan to accomplish the environmental portion of the project so funding could be approved for homeowners and small rental applicants. The project included the integration of a programmatic agreement, GIS/Database Development, data management, environmental review processes, and execution of field activities. URS performed Step 1 desktop reviews on over 6,000 applications and provided Step 2 reviews for over 3,000 applications. The Review Topics for which URS was responsible to evaluate for this project included historic buildings and structures, archaeology, floodplain protection, ecological resources (coastal zone, wetlands, threatened and endangered species, and clean water act), farmlands protection, toxics, ASTs, airport clear zones, and lead based paint. Mr. Swick developed a core team to manage all the review topics and integrate into a web-based data management system, while working alongside other MDA contractors.

References: Jon Mabry, 239 North Lamar St, 7th Floor, Jackson, MS 39201, (601) 359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Environmental review, high volume desktop reviews, data collection and management

FIRM

- URS

AREAS OF EXPERTISE

- Project Management
- Environmental Consulting
- Strategic Planning
- National Environmental Policy Act (NEPA)
- Resource Conservation and Recovery Act (RCRA)
- HUD CDBG Housing Programs
- Project Controls

YEARS OF EXPERIENCE

- 26 Years

EDUCATION

- MS/Geology/1987/University of Southwestern Louisiana
- BS/Geology/1983/University of Southwestern Louisiana

REGISTRATION/CERTIFICATION

- Texas Board of Geoscientists/4500/2003
- Mississippi Registered Professional Geologist/0124/1999
- Certified URS Project Manager/2004

Project Manager, Long Term Workforce Housing Program, Mississippi Development Authority (MDA) Recovery Program, Mississippi, (2009-2010): As Project Manager, Mr. Swick managed a team of 15 full time equivalent personnel toward a common goal of completing environmental assessments and reviewing environmental assessments completed by other firms. The Long Term Workforce Housing program provides grants and loans to organizations providing long term affordable housing in counties along the Mississippi Gulf Coast. To date, URS has completed environmental reviews for 146 LTWH Applications.

References: Jon Mabry, 239 North Lamar St, 7th Floor, Jackson, MS 39201, (601) 359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Environmental reviews

Project Manager, Alternative Housing Program, Mississippi Development Authority (MDA) Recovery Program, Mississippi, (2009-2010): As Project Manager, Mr. Swick managed a team of 8 full time equivalent personnel toward a common goal of completing environmental assessments. The purpose of this program is to develop and produce a safer and more comfortable temporary housing unit for use after a disaster. The program also addresses additional goals such as new approaches to management of units and the option of allowing units to go from temporary to permanent. To date, URS has completed environmental reviews for 74 AHP Applications.

References: Jon Mabry, 239 North Lamar St, 7th Floor, Jackson, MS 39201, (601) 359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Housing recovery, environmental assessments

Project Manager, Neighborhoods Rental Restoration Project, Mississippi Development Authority (MDA) Recovery Program, Mississippi, (2009-2010): As Project Manager, Mr. Swick managed a team of 20 full time equivalent personnel toward a common goal of completing environmental assessments. The Neighborhood Rental Restoration Program intent is to restore existing neighborhoods and provide affordable housing to very low income (50% AMI and below) in the areas affected by Hurricane Katrina. Applicants who repair, rehabilitate or reconstruct damaged properties and agree to follow MDA's rental rules can receive forgivable loans as incentives. To date, URS has completed environmental reviews for 368 NRRP Applications.

References: Jon Mabry, 239 North Lamar St, 7th Floor, Jackson, MS 39201, (601) 359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Housing recovery, environmental assessments

Project Manager, Small Rental Assistance Program, Mississippi Development Authority (MDA) Recovery Program, Mississippi, (2008-2010): As Project Manager, Mr. Swick managed a team of 40 full time equivalent personnel toward a common goal of completing environmental assessments. The Small Rental Assistance Program provides individuals affected by Hurricane Katrina with rental assistance and/or grants for repairs, renovations and new construction to small rental properties. URS completed environmental reviews for over 1,000 Applications for SRAP Round 1 and over 1,500 Applications for SRAP Round 2.

References: Jon Mabry, 239 North Lamar St, 7th Floor, Jackson, MS 39201, (601) 359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Housing recovery, environmental assessments

Project Manager, Elevation Grant Program, Mississippi Development Authority (MDA) Recovery Program, Mississippi, (2008-2010): As Project Manager, Mr. Swick managed a team of 30 personnel toward a common goal of completing environmental assessments. The Elevation Grant Program provides homeowners affected by Hurricane Katrina with grants to defray the costs of elevating their homes above the base flood elevation. URS completed environmental reviews for over 2,300 EGP Applications.

References: Jon Mabry, 239 North Lamar St, 7th Floor, Jackson, MS 39201, (601) 359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Housing recovery, environmental assessments

Project Manager, Neighborhood Home Program (NHP), Mississippi Development Authority (MDA) Recovery Program, Mississippi, (2011-present): As Project Manager, Mr. Swick managed a team of 30 full time equivalent personnel toward a common goal of completing environmental assessments. The Neighborhood Home program provides grants to rehabilitate homes in nine counties in Mississippi. To date, URS has completed environmental reviews for over 4,000 NHP Applications.

References: Jon Mabry, 239 North Lamar St, 7th Floor, Jackson, MS 39201, (601) 359-2379, jmabry@mississippi.org

Relevance to NJ EAF: Environmental reviews

Katherine Hartman

Subcontract Manager

PROJECT SPECIFIC EXPERIENCE

Contract Manager, US Army Corps of Engineers, Various Districts, Nationwide (1993-present): Contract manager responsible for subcontractor, minority business procurement, and oversight, delivery order implementation, and cost and schedule management. Ms. Hartman was the principal liaison between the client, program manager, project managers, and subcontractors. Specific contracts included:

- *New Orleans District Corps of Engineers:* A/E Design Services, Westbank and vicinity
- *New Orleans District Corps of Engineers:* General Design Support
- *Vicksburg District Corps of Engineers:* Houma Navigational Lock Design
- *Memphis District Corps of Engineers:* Planning, Engineering, and Environmental Services
- *New York District Corps of Engineers:* Complete Design, Bldg 757 Science Center, West Point Military Academy

Relevance to NJ EAF: Contract management, and cost/schedule management

References: Donald Fournier, Director US Government Contracts and Procurement Department, 2870 Gateway Oaks Drive, Suite 150, Sacramento, CA 95833, (916) 678-2018, Don.Fournier@urs.com

Contract Manager, Federal Aviation Administration Security Equipment Interaction Services, Manassas, Virginia (1993-present): Ms. Hartman served as the contract manager responsible for subcontractor procurement and management; delivery order pricing, negotiation, and implementation; and cost / schedule control. Responsible for contract management oversight of security upgrades sites at over 30 airports within the continental U.S.

Relevance to NJ EAF: Experience in subcontractor procurement and management

References: Donald Fournier, Director US Government Contracts and Procurement Department, 2870 Gateway Oaks Drive, Suite 150, Sacramento, CA 95833, (916) 678-2018, Don.Fournier@urs.com

Contract Manager, Various Projects for the Air Force Center for Environmental Excellence (AFCEE), Oak Ridge, Tennessee (1993-present): Contract manager responsible for prime contract and subcontract regulatory compliance oversight, budget oversight and cost/schedule control for various projects for the Air Force Center for Environmental Excellence, Brooks AFB; Department of Energy Environmental Restoration Waste Management A/E, Oak Ridge, Tennessee; and Hazardous Waste Remedial Action Program (HAZWRAP), Oak Ridge, Tennessee.

Relevance to NJ EAF: Experience in budget oversight and cost/schedule control

References: Donald Fournier, Director US Government Contracts and Procurement Department, 2870 Gateway Oaks Drive, Suite 150, Sacramento, CA 95833, (916) 678-2018, Don.Fournier@urs.com

FIRM

- URS

AREAS OF EXPERTISE

- Federal Contract Management
- Federal Procurement Management
- Federal Regulation Oversight
- Subcontract Management and Compliance Oversight
- Government Property Management
- DCAA Audit Support

YEARS OF EXPERIENCE

- 32 Years

EDUCATION

- BS/City University

Sabina Yosso, PHR

Human Resources Generalist

PROJECT SPECIFIC EXPERIENCE

Human Resources Generalist, (October 1999-Present):

- Human Resources contact for approximately 200 employees
- Counsels employees and management in all areas of human resources, including employee relations, conflict resolution, performance management, benefits, etc.
- Processes Visa cases - F1, H1 and PERM; works with legal counsel to process required paperwork
- Communicates Company policies and procedures to all staff levels
- Conducts exit interviews (voluntary and involuntary)
- Moderates for new employee orientations via Adobe Connect for hires in the East and Central US
- Compensation and Benefits Administration
- Employee Relations, including disciplinary actions, including verbal/written warnings and terminations
- Counsels employees on leave policies and procedures
- Participates in internal HR committees that identify HR functions that can be automated or improved

FIRM

- URS

AREAS OF EXPERTISE

- Employee Relations and Benefits
- Thorough knowledge of Federal and State labor laws and regulations
- EEO, Affirmative Action and Diversity awareness

YEARS OF EXPERIENCE

- 17 Years

EDUCATION

- Bachelor of Science in Business Administration, State University of New York at Oswego

REGISTRATION/CERTIFICATION

- PHR, Professional in Human Resources

References: Tracey L. Pirozzi, PHR, Sr. Regional HR Manager, Current Supervisor at URS, (973) 883-8685

Regional Human Resources Assistant, (October 1995-September 1999):

- Provided support to Regional HR Manager responsible for a region of 1000 employees in eight locations throughout the East coast
- Prepared offer letters and correspondence
- Conducted new employee orientations and exit interviews for voluntary resignations
- Back-up payroll processor; entered new payroll data into ADP payroll system and checked employee time records for accuracy; QA/QC for regional payroll maintenance
- Trained new employees on Deltek electronic timekeeping system
- Responded to unemployment claims and requests for employment verifications
- Maintained active and terminated employee files, job files and applicant flow log
- Scheduled interviews

References: Joan P. Garrand, PHR, Former Supervisor at URS, (201) 618-7236

Kathy H. Baumgaertner

Contracts Manager

PROJECT SPECIFIC EXPERIENCE

Senior Environmental Specialist, Hurricane Katrina Disaster, Louisiana, FEMA (2006-2011): Under an IDQ contract with FEMA, deployed to Louisiana and served as an Environmental Team Leader for one of the first teams deployed to New Orleans following Hurricane Katrina. In this capacity, establish standard operating procedures, and mentored and supervised staff. Stayed for 90-days. Returned to New Orleans in the fall of 2006 to serve as the interim National Environmental Policy Act (NEPA) Coordinator until a permanent NEPA Coordinator could be hired. Once a permanent replacement was hired, stayed to assist with supervisory transition and to serve as a Senior Environmental Specialist. In this capacity identified environmental issues and worked to find solutions, reviewed proposed projects for environmental compliance, coordinated with State and Federal agencies, and provided technical guidance and mentoring to the environmental team.

Relevance to NJ EAF: Post storm project management & compliance, NEPA coordinator

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

Deputy Environmental Liaison Officer for the Floyd and Irene Disasters in North Carolina, FEMA (1999; 2011-2012):

Served as Deputy Environmental Liaison Officer for the Hurricanes Floyd and Irene disasters. Identified environmental issues and worked to find solutions, reviewed proposed projects for environmental compliance, coordinated with State and Federal agencies, provided technical guidance to the environmental team, and represented FEMA in agency meetings. Helped establish expedited procedures and protocols for reviewing proposed projects during disaster response, to ensure compliance with environmental laws and regulations. Developed information about environmental regulations and contacts for distribution to applicants. Conducted environmental compliance training for Disaster Field Office staff.

Relevance to NJ EAF: NEPA coordination, post storm environmental management & compliance, Federal Agency coordination, established expedited procedures & protocols

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

Interim Deputy Environmental Liaison Officer for Historic Preservation, Hurricane Katrina Disaster, Mississippi, FEMA (2007-2010): At the request of FEMA served as the interim Deputy Environmental

FIRM

- URS

AREAS OF EXPERTISE

- Project Management
- NEPA Compliance
- Environmental Permitting
- Training
- Environmental Impact Assessments
- Environmental Planning
- Socioeconomic Impact Assessments

YEARS OF EXPERIENCE

- 32 Years

EDUCATION

- MA/Coastal Planning/1985/ University of Maryland
- BS/Resource Management/1979/ University of Maryland, summa cum laude
- AA/General Education/1976/ Montgomery College
- Environmental Conflict Mediation/1985/Harvard School of Negotiation

REGISTRATION/CERTIFICATION

- 2011/Certified Instructor/ National Highway Institute, Federal Highway Administration

Liaison officer (DELO) for Historic Preservation for the Hurricane Katrina disaster. Supervised the historic preservation staff for several months until a permanent DELO could be hired.

Relevance to NJ EAF: Post storm historic preservation

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

Project Manager, NEPA Compliance Activities for FEMA Region IV, Alabama, Georgia, North Carolina, South Carolina, Mississippi, Tennessee, Florida, and Kentucky (2004-2005): Manage all NEPA compliance activities for FEMA Hazard Mitigation funded projects within Region IV. Issues included permitting, cultural resources, soils, topography, floodplain management, socioeconomics, water resources, water quality, vegetation and wildlife, land use, recreation and aesthetics, air quality, and noise. URS conducted an engineering review of all projects. Documentation included Environmental Impact Statements, Environmental Assessments and Findings of No Significant Impact, and Categorical Exclusions. Provided similar NEPA, environmental planning and training support in FEMA Regions II, III, V, VI, VIII, IX, and X.

Relevance to NJ EAF: NEPA compliance, compliance documentation, planning & training support

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

Senior Environmental Specialist, Charity Hospital Project, Hurricane Katrina, New Orleans, Louisiana, FEMA, (2007-2009): Deployed as a Senior Environmental Specialist to serve as the NEPA coordinator for the Charity Hospital replacement project in New Orleans. NEPA compliance was conducted in two tiers: Tier I resulted in a Programmatic Environmental Assessment (PEA) for Site Selection. The PEA was a joint compliance process and document with the VA, and the city of New Orleans as the responsible entity for HUD. Tier II resulted in a Site-specific Environmental Assessment for Design, Construction and Operation of the medical center on the selected site. The project was highly controversial. The National Trust for Historic Preservation filed a lawsuit claiming FEMA and VA failed to comply with NEPA. The court ruled that the NEPA process was "...reasonably thorough, transparent and informed by community input..." and denied all of the Trust's claims.

Relevance to NJ EAF: NEPA coordination, post storm project management & compliance, HUD coordination

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

Robert Wolff

Hazardous Materials/Hazardous Waste Task Manager

PROJECT SPECIFIC EXPERIENCE

National Account Manager for Continental/United Airlines, Inc., United States, (1999-Current): Manage ten to fifteen diverse projects at airports country-wide. The projects include asbestos abatement, subsurface environmental and geotechnical investigations and environmental permitting. Established, achieved and charted project budgets of two to three million dollars. Additional duties include preparation of Tenant Alteration Applications for submittal to the Port Authority of New York and New Jersey.

Relevance to NJ EAF: Coordination of Staff, Scope of Work Development and Management technical tasks

References: Christine Landmeier, Sr. Manager of Remediation and Environmental Management at United Airlines, 77 West Wacker Drive, Chicago, IL 60601, (872) 825-3111

Program Manager for New York City Economic Development Corporation, New York, (2008-2010): Mr. Wolff is the EDC's primary point of contact for the Toxic Retainer Contract. He coordinates, manages and facilitates the completion of each environmental task. The projects include including lead-in-paint and asbestos assessments, preliminary site assessments, including "E" designated sites, remedial investigations and remedial actions under a multitude of regulatory programs.

Relevance to NJ EAF: Coordination of Staff, Scope of Work Development and Management technical tasks

References: Kay Zias, New York City Economic Development Corporation, 110 William Street, New York, NY 10038, (212) 312-3861

Senior Project Manager for Brownfields Environmental Engineering, Nassau County Office of Economic Development, Navy/Grumman Site, Bethpage, New York, (2005-2007): Supplemental Environmental Investigation. Senior Project Manager, work for this assignment involved the compilation of extensive existing environmental data for the 96-acre site. The data involved soil sample chemical analyses, soil vapor testing results and remedial excavation mapping and evaluation. This data was compiled into an extensive database and the soil results compared to NYSDEC TAGMS Recommended Soil Cleanup Objectives (RSCOs). Additionally multiple GIS maps were prepared for the site and linked to the database showing the hundreds of soil sample locations, limits of the remedial excavations and areas of residual soil contamination above the NYSDEC TAGM RSCOs. The GIS maps were completed for select depth horizons and composite maps were also produced for the site. URS also completed supplemental soil gas sampling, analyses and reporting at the Plant 3 (main manufacturing plant) building following the recently developed NYSDOH soil vapor assessment guidance.

Relevance to NJ EAF: Coordination of Staff, Scope of Work Development and Management technical tasks

References: Confidential

FIRM

- URS

AREAS OF EXPERTISE

- Project Management
- Environmental Due Diligence
- Environmental Compliance

YEARS OF EXPERIENCE

- 26 Years

EDUCATION

- MA/1996/Environmental Management/Montclair State University
- Graduate Studies in Meteorology/ Rutgers University
- BS/1982/Exercise Physiology/ University of Massachusetts

REGISTRATION/CERTIFICATION

- NYS Project Designer (1996)
- NYS/AHERA Inspector (1996)

Project Manager, New York City Housing Authority (NYCHA) Environmental Consulting Contract, Five Boroughs of New York City, New York, (2000-2004): Project manager for Phase I, Phase II and asbestos abatement projects throughout various housing complexes. Managed URS staff as well as subconsultants during multiple abatement projects. Work included overseeing multiple contractors performing the removal work as well as providing air sample collection during the abatement work. The Phase I and Phase II work including providing NYCHA with an evaluation of Recognized Environmental Conditions on prospective property acquisitions.

Relevance to NJ EAF: Coordination of Staff, Scope of Work Development and Management technical tasks

References: Joe Lurski (ret), Coordinator, Environmental Health and Safety, New York City Housing Authority, Post Office Box 445, Church Street Station, New York, New York 10008,

Project Manager for a variety of compliance projects at USPS facilities in the New York District, New York, (2005-Current): The projects included Phase I and Phase II environmental site assessments at existing USPS sites or proposed acquisition sites in New Jersey and the Virgin Islands. Other compliance projects included updating boiler and UST/AST databases, completing NYSDEC registration renewals of boilers and ASTs, updating Emergency Planning and Community Right to Know (EPCRA) submittals and revising facility information listed in the USEPA's RCRIS database.

Relevance to NJ EAF: Coordination of Staff, Scope of Work Development and Management technical tasks

References: Charlotte Parrish, USPS New York Facilities Service Office, Field and HQ Support, 2 Hudson Place, 6th floor, Hoboken, NJ 07030-5502, (201) 714-7216, charlotte.parrish@usps.gov

Mark R. Edwards

Architectural History Task Manager

PROJECT SPECIFIC EXPERIENCE

Project Manager, Cultural Resources Management Studies and Section 106 Consultation Associated with the Mississippi Development Authority's Administration of HUD CDBG Funds for the Mississippi Elevation Grant Program and Small Rental Assistance Program, Mississippi, (2007-2010): Beginning in 2007, URS has provided comprehensive historic preservation and environmental review services to the Mississippi Development Authority (MDA) in its delivery of nearly \$5.4 billion in HUD Community Development Block Grant funds to owners of historic properties, and to investors rehabilitating or rebuilding affordable housing units, within the four southernmost counties of the state damaged by Hurricanes Katrina and Rita. Mr. Edwards was the principal author of a Programmatic Agreement outlining how this state agency will meet its historic preservation responsibilities over the course of the next two years. Mr. Edwards managed initial Cultural Resource Management tasks completed by URS, including archaeological Phase 1A, 1B, and II studies; historic property surveys, National Register evaluations, and effect determinations; archaeological monitoring of construction to ensure adherence to low-impact construction standards; developed new Historic Building Elevation Design Guidelines to assist homeowners in elevating historic buildings in a preservation-sensitive manner; coordinated all Section 106 reviews; and documented historic buildings which cannot be preserved.

Relevance to NJ EAF: Identical CRM services needed in NJ

References: Nell Rogers, Program Manager, Disaster Recovery Division, Mississippi Development Authority, PO Box 849, Jackson, MS 39205, (601) 359-9341, nrogers@mississippi.org

Cultural Resources Technical Lead, Cultural and Environmental Reviews of HMGP-Funded Projects, Federal Emergency Management Agency, Region IV, State of Georgia, (2011 to Present): Served as Cultural Resources Technical Lead for FEMA Task Order 11, which involved projects receiving Hazard Mitigation Grant Funding associated with disaster DR-1858-GA. Directed a series of historic recordation projects throughout the state of Georgia involving National Register of Historic Places-eligible properties being demolished because of disaster-related damage. Documented properties were located in City of Atlanta, City of Cartersville, Town of Trion, DeKalb County, and the City of Savannah. Work products were submitted to the Georgia State

FIRM

- URS

AREAS OF EXPERTISE

- Cultural Resources Management
- Historic Preservation Planning
- Historic Preservation Identification, Evaluation, and Treatment Studies
- National Historic Preservation Act Section 106 and 110 Consultation
- National-Level Historic Preservation Policy Studies
- Streamlining and Integration of Section 106 and National Environmental Policy Act Processes

YEARS OF EXPERIENCE

- 37 Years

EDUCATION

- MS/Historic Preservation/1976/ Columbia University Graduate School of Architecture and Planning
- BA/History/1974/Lafayette College
- The CSPA Policy Development and Planning Process
- Negotiation Strategies for Preservationists workshop
- Victorian Society in America Summer School
- The Historic Houses of England

REGISTRATION/CERTIFICATION

- 36 CFR Part 61, (Architectural History and History)

Historic Preservation Office to meet stipulations of a series of Memoranda of Agreements with affected jurisdictions.

Relevance to NJ EAF: Familiarity with FEMA CRM studies

References: William R. Straw, Ph.D., Regional Environmental Officer, Federal Emergency Management Agency, Region IV, 3003 Chamblee Tucker Road, Atlanta, GA 30341, (770) 220-5200, William.Straw@fema.dhs.gov

Project Manager, Historic American Buildings Survey Documentation of St. Frances Cabrini Church, New Orleans, Louisiana, (January-June 2007): Managed large-scale documentation project for this significant 1961-1963 Roman Catholic church in New Orleans, Louisiana. To assist the Federal Emergency Management Agency in meeting stipulations contained in a 2007 Memorandum of Agreement, Mr. Edwards directed a project team that produced new large-format photographs of this building, and located and duplicated approximately 50 historic images of construction and use of this important expression of Modern architecture. In developing this report, Mr. Edwards worked with nationally-recognized Architectural Historian Dr. Richard Longstreth and Mr. Rob Tucher, a full-time professional photographer with 28 years of experience producing Historic American Building Survey (HABS) and Historic American Engineering Record (HAER) photographic documentation. Copies of final documentation were provided to the Louisiana State Historic Preservation Office and to a variety of local architectural and historic repositories and archives.

Relevance to NJ EAF: Experience with high-level historic documentation projects

References: John Ketchum, *Federal Historic Preservation Officer, Federal Emergency Management Agency, Mitigation Division*, 500 C Street, SW, Washington, DC 20472, (202) 646-3271, John.Ketchum@fema.dhs.gov

Project Manager, Evaluation of St. Frances Cabrini Church, New Orleans, Louisiana, for Listing in the National Register of Historic Places, November (2006-January 2007): Managed project and co-authored report examining this significant 1961-1963 Roman Catholic church in New Orleans, Louisiana, on behalf of the Federal Emergency Management Agency and the Louisiana Transitional Recovery Office. Project was undertaken with Dr. Richard Longstreth, a nationally-recognized scholar of the recent past. Work evaluated eligibility of this church, a notable example of Modern Architecture, for listing in the National Register using a newly-created historic context that employed archival information on the New Orleans architectural firm of Curtis & Davis from the files of national and local offices of the American Institute of Architects and other repositories. In addition to standard National Register evaluation requirements, the project team also evaluated the church using National Register Criteria Consideration A (Religious Properties) and G (Properties That Have Achieved Significance Within the Past Fifty Years).

Relevance to NJ EAF: Experience with high-level historic documentation projects

References: John Ketchum, *Federal Historic Preservation Officer, Federal Emergency Management Agency, Mitigation Division*, 500 C Street, SW, Washington, DC 20472, (202) 646-3271, John.Ketchum@fema.dhs.gov

Senior Historic Preservation Specialist, Integrating Historic Property and Cultural Resource Considerations Into Hazard Mitigation Planning, Germantown, MD, (2004-2005): Served as principal historic preservation author for this FEMA State and Local Mitigation Planning guide (FEMA publication 386-6). Narrative and graphic information was generated for the following subject areas: community awareness of historic properties and cultural resources; the role of State Historic Preservation Officers and Tribal Historic Preservation Officers; traditional cultural properties; cultural museum disaster preparedness; extent and valuation of historic properties; variables for determining community value; historic contexts and defining significance; estimation of losses for historic properties and cultural resources/replacement valuation; relationship of the National Flood Insurance Program and historic properties; seismic retrofit of historic buildings; preservation-

sensitive methods to elevate historic flood-prone structures; and evaluating and updating your plan, taking into account “near history” historic properties. Project work was initiated in 2004 and completed in 2005.

Relevance to NJ EAF: Co-authored FEMA national guidance on treatment of cultural resources in disaster planning

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

Robert J. Lackowicz

Archaeology Task Manager

PROJECT SPECIFIC EXPERIENCE

Cultural Resources Manager, Mississippi Development Authority (MDA) Housing and Small Rental Disaster Recovery Programs, Mississippi (2008–Current): Mr. Lackowicz is the lead for URS and the state’s Mississippi Development Authority ensuring NHPA compliance for multiple CDBG-funded Hurricane Katrina disaster recovery programs in more than 12 counties. These include NFIP-required elevation projects (Elevation Grant Program), for residential rehabilitation and new construction projects (Alternative Housing, Long-Term Workforce Housing and Neighborhood Home Programs), and for small rental unit rehabilitation projects (Small Rental Assistance and Neighborhood Rental Restoration Programs). He has directed dozens of architectural history and archaeological staff from multiple URS offices on thousands of individual application projects. He developed Programmatic Agreements and Memoranda of Agreements for each MDA program and was the state’s point of contact for negotiations involving the Advisory Council on Historic Preservation, the National Trust for Historic Preservation, the State Historical Preservation Office and Native American Tribes. He also co-developed a GIS-based archaeological sensitivity model that was used to determine field evaluation requirements.

Relevance to NJ EAF: Post disaster recovery efforts, neighborhood restoration programs, coordination for state, national & Tribal historic preservation programmatic agreements

Reference: Jon Mabry, MDA Chief Operations Officer, (601) 359-2379, jmabry@mississippi.org

Cultural Resources Manager, City of Galveston, Texas, Rounds 1 and 2 Hurricane Ike Disaster Recovery Housing Program, Texas, (2012–Current): Mr. Lackowicz is the cultural resources program lead for URS and the City of Galveston for National Historic Preservation Act compliance and agency coordination. He led the development of the Programmatic Agreement between state and local agencies that guides HUD and National Historic Preservation Act compliance for the program. He oversees cultural resources staff from several offices that implement hundreds of architectural history and archaeological studies needed for individual project compliance. He has also identified and negotiated with state and federal agencies the resolution of Adverse Effects that occurred prior to URS becoming the City’s program administrator.

Relevance to NJ EAF: Post disaster recovery for historic preservation programmatic agreements, compliance and studies

Reference: Catherine Gorman, City Historic Officer, (409) 797-3660, gormancat@cityofgalveston.org

Cultural Resources Manager, Texas General Land Office (GLO), Round 2 Disaster Recovery Housing Programs, Southeast Texas and Lower Rio Grande Valley, (2012–Current): Mr. Lackowicz is overseeing NHPA compliance for the HUD CDBG-funded Hurricane Rita residential disaster recovery

FIRM

- URS

AREAS OF EXPERTISE

- Section 106 / National Historic Preservation Act Compliance
- HUD and CDBG Projects
- State and Federal Agency Coordination
- Project Management
- Phase I, II, and III Cultural Resources Studies
- Technical Writing
- Natural Gas Pipeline Studies
- Federal Energy Regulatory Commission (FERC) - Third Party Review
- Transportation Corridor Studies - Hydroelectric Transmission Line Corridors and Facilities

YEARS OF EXPERIENCE

- With URS: 5 Years
- With Other Firms: 17 Years

EDUCATION

- MA/Anthropology/1996/ Trent University
- BA/Anthropology/1991/ Memorial University

programs in the Southeast Texas Regional Planning Commission area of Jefferson, Orange and Hardin Counties, and in the Lower Rio Grande Development Council area of Cameron, Willacy and Hidalgo Counties. He directs architectural history and archaeological staff from multiple URS offices on the review and reporting for hundreds of individual application projects.

Relevance to NJ EAF: Post disaster recovery for architectural and archeological review and reporting on individual projects, NHPA compliance for HUD CDBG programs

References: Gilbert Martinez, Texas GLO, 512.861.4959, gilbert.martinez@glo.texas.gov
Shaun Davis, SET RPC, (409) 899-8444, sdavis@setrpc.org

Cultural Resource Manager, Hurricane Protection Studies, New Orleans United States Army Corps of Engineers (USACE), Louisiana, (2007-2008): Manager overseeing development of post-Katrina Section 106 management plans for the West Bank of New Orleans, and USACE Independent Environmental Review (IER) levee repair and restoration projects (St. Charles, Jefferson, Orleans, and St. Bernard Parishes).

Relevance to NJ EAF: Post disaster Section 106 management plans, IER

References: Michael Swanda, USACE, (504) 862-2036, Michael.L.Swanda@usace.army.mil

Lori Burns Cunningham, GISP

GIS and Data Management

PROJECT SPECIFIC EXPERIENCE

Field Data Management and GIS Web Portal Project Leader, Mississippi Development Authority, Hurricane Katrina Disaster Recovery Programs (Elevation Grant, Small Rental Assistance, Long Term Workforce Housing; Alternative Housing Program, Neighborhood Rental Restoration, and Neighborhood Home), 12 counties, Mississippi, (2007-2013): Development of Enterprise-level GIS to manage structure inspection field data. GIS web site was developed to maintain and disseminate inspection data, as well as, relevant environmental and cultural resource data layers for desktop review performance. All field data was collected with GPS equipment using mobile solutions as part of the enterprise GIS for a complete field to web solution. The mobile solutions allow for a near real-time availability of field data via the GIS website which creates a streamlined and efficient review process reducing application processing time.

Relevance to NJ EAF: Post Disaster Recovery Program field data collection and GIS desktop review, field surveys

References: Jon Mabry, Chief Operations Officer, Disaster Recovery Division, P.O. Box 849, Jackson, MS 39205, (601) 359-2379, jmabry@mississippi.org

FIRM

- URS

AREAS OF EXPERTISE

- GIS Development
- Spatial Data Management
- Geodatabase Design
- Data Management Processes

YEARS OF EXPERIENCE

- 20 Years

EDUCATION

- MA/Geography/1994/University of South Florida
- BA/Geography /1990/University of South Florida/

REGISTRATION/CERTIFICATION

- GIS Professional

Field Data Management and GIS Web Portal Project Leader, City of Galveston, Hurricane Ike Rounds 1 and 2 Housing Disaster Recovery Programs, Texas, (2012-2013): Development of Enterprise-level GIS to manage structure inspection field data. GIS web site was developed to maintain and disseminate inspection data, as well as, relevant environmental and cultural resource data layers for desktop review performance. All field data was collected with GPS equipment using mobile solutions as part of the enterprise GIS for a complete field to web solution. The mobile solutions allow for a near real-time availability of field data via the GIS website which speeds up the review process.

Relevance to NJ EAF: Field data collection and GIS desktop review GIS web portal for desktop reviews.

References: Jorge Ramirez, Deputy Commissioner, 301 Congress St., Austin, TX 78701, (866) 206-1084, jorge.ramirez@glo.texas.gov

Field Data Management and GIS Web Portal Project Leader, Southeast Texas Regional Planning Committee, Hurricane Ike Round 2 Housing Disaster Recovery Program, 3 counties, Texas. (2012-2013): Development of Enterprise-level GIS to manage structure inspection field data. GIS web site was developed to maintain and disseminate inspection data, as well as, relevant environmental and cultural resource data layers for desktop review performance. All field data was collected with GPS equipment using mobile solutions as part of the enterprise GIS for a complete field to web solution. The mobile solutions allow for a near real-time availability of field data via the GIS website which speeds up the review process.

Relevance to NJ EAF: Field data collection and GIS desktop review process GIS web portal for desktop reviews.

References: Jorge Ramirez, Deputy Commissioner, 301 Congress St., Austin, TX 78701, (866) 206-1084, jorge.ramirez@glo.texas.gov

Field Data Management and GIS Web Portal Project Leader, Lower Rio Grande Valley Development Council, Hurricane Dolly Round 2 Housing Disaster Recovery Program, 3 counties, Texas. (2012-2013): Development of Enterprise-level GIS to manage structure inspection field data. GIS web site was developed to maintain and disseminate inspection data, as well as, relevant environmental and cultural resource data layers for desktop review performance. All field data was collected with GPS equipment using mobile solutions as part of the enterprise GIS for a complete field to web solution. The mobile solutions allow for a near real-time availability of field data via the GIS website which speeds up the review process.

Relevance to NJ EAF: Field data collection and GIS desktop review process GIS web portal for desktop reviews.

References: Jorge Ramirez, Deputy Commissioner, 301 Congress St., Austin, TX 78701, (866) 206-1084, jorge.ramirez@glo.texas.gov

Brad Burford, AWB[®], CWT

Environmental Field Manager

PROJECT SPECIFIC EXPERIENCE

Wildlife Biologist/Environmental Scientist, FEMA/NEPA Project Evaluations (January 2012-February 2012):

Responsible for reviewing FEMA applications for numerous projects in EPA regions 3 and 4 to ensure all NEPA requirements are met. Conducted desktop and database reviews of each project and associated areas to determine what resources would hold potential to be impacted. Determined whether or not required agency coordination and permits were in place or being ascertained for each project and made sure they would be sufficient given the project scope. Submitted findings in the form of a final review and recommendation document to FEMA.

Relevance to NJ EAF: NEPA project compliance, Federal agency coordination, project desktop/database reviews

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

Wildlife Biologist/Environmental Scientist, FEMA/NEPA Kentucky Evaluations (2010-2011):

Responsible for reviewing FEMA applications for six projects in Kentucky to ensure all NEPA requirements were met. Conducted desktop and database reviews of each project and associated areas to determine what resources would hold potential to be impacted. Determined whether or not required agency coordination and permits were in place or being ascertained for each project and made sure they would be sufficient given the project scope. Submitted findings in the forms of a final review and recommendation document to FEMA.

Relevance to NJ EAF: NEPA project compliance, Federal & State agency coordination, project desktop/database reviews

References: John Bishop, COTR, 1800 S. Bell Street, Alexandria, VA, (202) 646-4363, john.bishop@fema.dhs.gov

FIRM

- URS

AREAS OF EXPERTISE

- Wildlife and Fisheries Management
- Aquatic/Terrestrial Entomology
- T & E Species Surveys
- Nuisance Wildlife Management
- Watershed Analysis

YEARS OF EXPERIENCE

- 6 Years

EDUCATION

- MS/Biology/2009/Clarion University of Pennsylvania
- BS/Wildlife and Fisheries Science, Minor, Biology/2007/Pennsylvania State University

REGISTRATION/CERTIFICATION

- 2012/EPA AHERA Inspector for Maryland and District of Columbia (AMA)
- 2011/Associate Wildlife Biologist Certification (Wildlife Society)
- 2011/Certified Wildlife Technician Certification (Wildlife Society)
- 2010/Certified Aquatic Taxonomist (North American Benthological Society)
- 2009/U.S. Army Corps. Wetland Delineation

Taralyn Myers

Environmental Field Manager

PROJECT SPECIFIC EXPERIENCE

Industrial Expansion and Compliance Permitting, Salem County, New Jersey, (2006-Present): Prepared several permit applications associated with the expansion of industrial facilities for a confidential chemical industry client. These applications included multiple Stream Encroachment/Flood Hazard Area, Waterfront Development and Freshwater Wetland applications for submittal to NJDEP Division of Land Use Regulation as well as several Nationwide and Individual Permit applications for submittal to the US Army Corps of Engineers (USACE). In addition, she also prepared several permit applications necessary for the client to comply with more stringent regulations under the NJ Pollutant Discharge Elimination System. These applications included a NJ Tidelands One Fee License, a NJDEP Waterfront Development Permit, a USACE Individual Permit, a Delaware DNREC Subaqueous Lands Permit and a Delaware Federal Coastal Consistency Statement.

Relevance to NJ EAF: Conducted site visits as well as desktop analysis of GIS data to assess permitting requirements for each project. Prepared and submitted relevant applications and figures to NJDEP, USACE and the State of Delaware.

Reference: Confidential Client

Infrastructure Upgrade Permitting, Queens, New York, (2008-2009, Ongoing): Ms. Myers assisted in the delineation of tidal wetlands within the area of a proposed interceptor pipe that will aid in the wet-weather flow to the Tallman Island Water Pollution Control Plant. In addition, she helped prepare the New York City Environmental Quality Review Environmental Assessment Statement (EA) for submission to the NYC Department of Environmental Protection as well as the Joint Permit Application for submission to the USACE.

Relevance to NJ EAF: Performed site visits and GIS data analysis to assist in assessing permitting needs and report development.

Reference: 96-05 Horace Harding Expressway, 5th Floor, Corona, NY 11368, Colin Johnson, (718) 595-4308, Linda Kendall, (718) 595-6160

Remedial Activities, Middlesex and Hunterdon Counties, New Jersey, (2008-2012): Ms. Myers conducted wetland delineations and prepared permit applications to support facility remedial investigations at active substations. Permits applied for and approved include; NJDEP Freshwater Wetlands and Waterfront Development general permits as well as NJ Highlands Exemption application within Hunterdon County.

Relevance to NJ EAF: Conducted field visits and desktop analysis of the site to assess permitting needs. Prepared and submitted NJDEP freshwater wetlands and waterfront development permits.

Reference: Kelly Hamilton, 121 Champion Way, Suite 300, Canonsburg, PA 15317, (724) 597-8255, Kelly.Hamilton@NRGEnergy.com

FIRM

- URS Corporation

AREAS OF EXPERTISE

- Permitting
- Environmental Assessment
- GPS and GIS Mapping
- Wetland Restoration
- Wetland Delineation

YEARS OF EXPERIENCE

- 8

EDUCATION

- BS/2004/Marine Biology – Minor in Chemistry/ Fairleigh Dickinson University
- MS/2010/Biology with Environmental Concentration/ Fairleigh Dickinson University

REGISTRATION/CERTIFICATION

- NJ State Emergency Medical Technician
- American Heart Association CPR and AED
- NJ Boating Safety Certificate
- Confined Space Entry

Remedial Activities, Gloucester County, New Jersey, (2007-2012): Ms. Myers delineated several freshwater wetlands within a former industrial plant located in Gloucester County, NJ. On behalf of the client, she prepared both Freshwater Wetlands and Coastal General Permit Applications for submittal NJDEP Division of Land Use Regulation. While a Flood Hazard Area permit was investigated, it was determined that the project fell within the regulations for a permit by rule; therefore, a permit was not required.

Relevance to NJ EAF: Conducted site visits as well as desktop analysis of GIS data to assess permitting requirements for each project. Prepared and submitted relevant applications and figures to NJDEP.

Reference: Confidential Client

Field Manager, PSEG Estuary Enhancement Program/Site Health and Safety Officer (2005 - Present): The Estuary Enhancement Program involves the restoration of 10,000 acres of coastal wetlands along the Delaware Bay. The project is being undertaken by PSEG to fulfill NPDES permit requirements for the Salem Nuclear Plant. As a member of the project team Ms. Myers coordinates with field staff in the collection of salt marsh vegetation field data in addition to laboratory analysis for above ground biomass assessment. In addition, she generates vegetation community type maps of over 20,000 acres of restoration and reference sites as well as conducting quantitative evaluation of geomorphologic features through the generation of maps depicting channels and other hydrologic features. Both maps are created using integrated GIS and CAD methods based on aerial photographs.

Relevance to NJ EAF: Develop figures for analysis of site conditions to assist in yearly monitoring of restoration sites.

Reference: Brenda Evans, PSEG, EEP, PO Box 236, MC N33, Hancocks Bridge, NJ 08038 (856) 339-3923, Brenda.Evans@pseg.com

Field Biologist, DEP Alley Park Environmental Restoration/Creation, Queens, New York, (2008-Present): Assisted with set-up of nine transects for five year monitoring program for Alley Park which involves the creation and restoration of approximately 8 acres located within Queens, NY, in order to mitigate for tidal wetland impacts incurred during the construction of a CSO retention facility. Ms. Myers conducted vegetation and wildlife surveys, soil sampling and fish trapping/sampling at the reference and mitigation sites. Compiled data and assisted with all monitoring reports. In addition, she generates vegetation community type maps based on aerial photography.

Relevance to NJ EAF: Conducted pre-restoration monitoring as well as post-restoration annual monitoring and develops figures for analysis of site conditions to assist in yearly monitoring.

References: Abdul Manaf, 96 - 05 Horace Harding Expwy, 5th Floor, Low Rise Corona, NY 11368 (718) 595-6178

Suzanne Richert

Environmental Field Manager

PROJECT SPECIFIC EXPERIENCE

NEPA Task Leader, Federal Emergency Management Agency Environmental Program, (2002-Present): Managed the completion of over 25 EAs and Categorical Exclusions for NEPA compliance on multiple FEMA Hazard Mitigation Grant Program and Technical Assistance Contract projects for FEMA. Various tasks included coordination with FEMA personnel and state disaster office personnel, conducting site visits, writing soils, geology, water resources and other sections of the documents, reviewing documents for compliance with applicable Federal regulations, preparation of draft and final documents and FONSI.

Relevance to NJ EAF: Familiarity with FEMA programs and reviews, 2 EAs and 1 CatEx completed in New York since 2012

References: Yemi Odutola, FEMA Region 2 Hazard Mitigation Specialist, (212) 680-8525

Task Manager, NEPA, Hudson Yards EA, New York, NY, Amtrak, (2013): Managed completion of a third-party EA prepared by Amtrak for the Federal Railroad Administration. Prepared agency consultation, Notice of Availability (NOA) Finding of No Significant Impact (FONSI), and Administrative Record (AR). Monitored project budget, coordinated resource staff, conducted site visit, prepared monthly progress reports and ensured quality assurance process was followed for all deliverables. Project was completed in 4.5 months due to accelerated schedule required by Amtrak.

Relevance to NJ EAF: Familiarity with New England coastal environment

References: Amrita Hill, Principal Officer, Major Projects NEC South, Amtrak, 60 Massachusetts Ave NE, 4th Floor, Washington DC 20002, Phone (202) 906-2481

NEPA Manager, Bureau of Ocean Energy Management, EA for Commercial Wind Lease Issuance and Site Characterization Activities on the Atlantic Outer Continental Shelf Offshore Massachusetts, (2012-Present): Managed EA that evaluated potential impacts from site characterization (e.g., biological and archaeological surveys) and site assessment (e.g., installation of meteorological towers and buoys) on the Atlantic Outer Continental Shelf approximately 15 nautical miles south of Massachusetts and the coastal environment in the New England region including states of NY, RI, MA, CT. Proposed alternate methodology to BOEM for revising the number of meteorological towers/buoys and vessel round trip calculations to reflect a more realistic scenario.

Relevance to NJ EAF: Familiarity with New England coastal environment

References: Brian Krevor, Environmental Protection Specialist, Office of Renewable Energy Programs, Environmental Review Branch, Bureau of Ocean Energy Management, 381 Eldon Street, HM 1328, Herndon, VA 20170, (703) 787-1346

FIRM

- URS

AREAS OF EXPERTISE

- NEPA Compliance
- Erosion Potential and Modeling
- Soils Assessment
- Wetland Delineation
- Water Quality Studies

YEARS OF EXPERIENCE

- 12 Years

EDUCATION

- MS/Soil Science/2000/Colorado State University
- BS/Agronomy/1998/Iowa State University

Cathy Bryant, LSRP

Environmental Field Manager

PROJECT SPECIFIC EXPERIENCE

Licensed Site Remediation Professional, Power Plant ISRA Remediation NJ, RRI Energy Mid Atlantic Power Holdings, LLC, (2009-currently): Ms. Bryant managed remedial investigation tasks in accordance with N.J.A.C. 7:26E under NJDEP ISRA for the multi-acre power generating stations at the Sayreville, Werner, Gilbert and Glen Gardner Sites. Each ISRA Site has over 30 contaminated AOCs. Ms. Bryant is currently the LSRP on record for Sayreville and Werner Generating Stations.

Relevance to NJ EAF: LSRP, Contaminated Soil/GW

References: Kelly Hamilton; NRG Energy 121 Champion Way, Suite 300 Canonsburg PA 15317; 7234-597-8255; Kelly.hamilton@nrgenergy.com

Project Manager, Hazmat Assessment, Bayonne, New Jersey, NJTA (2011-2012): Prepared a Hazardous Materials Assessment for a Linear Construction Project in Bayonne, NJ in accordance with NJDEP requirements. Responsibilities entailed compilation, review, and interpretation of regulatory database files, aerial photographs, fire insurance maps, and municipal office information. Historic fill was identified as the only Area of Concern (AOC). In order to protect workers, as well as to minimize any environmental hazards associated with spoils removal, a site investigation was conducted along the proposed linear construction to determine if the historic fill was contaminated.

Relevance to NJ EAF: Hazmats Assessment, Due Diligence

References: Mark Bernard; NJTA 581 Main street, Woodbridge, NJ 07095; (732) 750-5300 x 8234; Bernard@turnpike.state.nj.us

Project Manager, HTRW Studies, NJ/NY, USACE (1995-2010): Managed and Prepared a Phase I ESA for several linear projects. The assessments focused on historic Sanborn map reviews, historic aerial photograph reviews and regulatory agency file reviews for the sites or along the length of a corridor. The regulatory agency file review consisted of a database search provided by EDR, Inc. that includes regulated sites located within the recommended American Society for Testing and Material (ASTM) E1527-05 Standard Practice for Environmental Site Assessments.

- United States Army Corp of Engineers (USACOE), Phase I (HTRW Study), Asbestos and Lead Assessment Greenbrook segment B1 (2010)
- USACOE, HTRW Studies (2002): Green Brook Flood Control Project, Peckman River Corridor Study, Goffle Brook Study Area and Northport Harbor Project.
- USACOE, Reconnaissance Level HTRW Study, Long Island, New York (1995-1996)
- USACOE, Phase I HTRW Preliminary Assessment, Staten Island, New York (1995-1996).

Relevance to NJ EAF: Hazmats Assessments, Due Diligence

References: Angelo Trotto; USACE 26 Federal Plaza New York, NY 10278, (917) 790-8296, angelo.r.trotto@nan02.usace.army.mil

FIRM

- URS

AREAS OF EXPERTISE

- Project Management
- Remedial Investigations
- Remedial Actions
- Subsurface Investigations
- Phase I and II Environmental Investigations
- Hazardous Compliance Studies and Assessments
- Health and Safety

YEARS OF EXPERIENCE

- 20 Years

EDUCATION

- BS/1991/Environmental Engineering/Florida Institute of Technology

REGISTRATION/CERTIFICATION

- 2011/NJDEP Licensed Site Remediation Professional #574152
- URS Certified Project Manager

Ronald G. Ginste, CIH

Field Manager

PROJECT SPECIFIC EXPERIENCE

FEMA Project Specialist, Various locations, (January 2012 - May 2012, May 2012 – June 2010, October 2008 – November 2008): Project specialist responsible for site inspection and damage assessments of critical infrastructure buildings such as hospitals, schools, water treatment facilities, prisons, airports, offices, fire stations, courthouses, etc. He also performed verification of quantity and degree of impact from mold and water damage to various public buildings owned by municipalities. Prepared cost estimates of storm damages for development of FEMA project worksheets and validation of subcontractor invoices for damage restoration and hazardous materials remediation. Mr. Ginste also providing technical guidance to FEMA architects and engineers regarding water intrusion, drying techniques, and microbial impacts. Specific service locations included:

- *FEMA – Hurricane Irene Recovery Office:* Project Specialist, Albany, NY and vicinity
- *FEMA – Hurricane Ike Recovery Office:* Project Specialist Galveston, TX
- *FEMA – Hurricane Dolly Joint Field Office:* Project Specialist, McAllen, TX

Relevance to NJ EAF: Site inspection cost/schedule management

References: Ms. Molly Evancho, Disaster Recovery Specialist, FEMA 500 C Street SW, Washington DC 20472 (202) 646-2500, Molly.Evancho@fema.dhs.gov

Lead Damage Assessor, Naval Air Station Joint Reserve Base (NASJRB), New Orleans, Louisiana, (September 2008 to October 2008): Mr. Ginste performed assessments of the buildings and facility infrastructure for damage caused by Hurricane Gustav and develop a Rough Order of Magnitude (ROM) cost estimate to effect repairs. Specific tasks included: completion of visual damage assessments for specific portions of the base, development of a list of items to be repaired or replaced and preparation of cost estimates for all buildings.

Relevance to NJ EAF: Experience in building and storm damage assessment and cost estimating.

References: Ms. Candice Borden, Contracting Officer, NAVFAC SE, Building 902, PO Box 30, NAS Jacksonville, FL 32272-0030, (904) 542-8745, Candice.Borden@navy.mil

FIRM

- URS

AREAS OF EXPERTISE

- Asbestos
- Lead Based Paint
- Building Inspection
- Industrial Hygiene
- Microbial Investigation
- OSHA Compliance
- PCB Sampling and Assessments
- Soil & Groundwater Sampling

YEARS OF EXPERIENCE

- 25 Years

EDUCATION

- BS/Geology/Eastern Michigan University

Steven M. Rozek

Environmental Field Manager

PROJECT SPECIFIC EXPERIENCE

Field Scientist, Asbestos Inspection and Abatement, ARC Tunnel Project, NY, (2010-2011): Responsible for monitoring asbestos abatement throughout the 145,000 SF warehouse complex for demolition of the structures. In addition, conducted limited asbestos bulk sample collection to complete previous inspection by another firm that was not conducted diligently. Collected air samples throughout the abatement project, oversaw and corrected contractor preparatory, abatement, and disposal work practices, and acted as liaison between New Jersey Transit Authority and subcontractors involved in asbestos abatement project.

Relevance to NJ EAF: Asbestos Inspection

References: Glenn Zuber, NJ Transit, (973) 628-0192

Asbestos Project Monitor, Asbestos Inspector, and NYC DEP Asbestos Investigator Asbestos Inspection and Abatement New York City Public Library, New York, and (2011-2013):

Conducted numerous asbestos inspections for various branches of the New York Public Library, including the Schwartzman Building at 42nd Street and 5th Avenue, Washington Heights Public Library, and the Jefferson Market Branch Library. Issued project notifications to New York City Department of Environmental Protection for asbestos-related work. Acted as Asbestos Project Monitor for building-wide asbestos abatement at the Washington Heights Public Library in July 2011.

Relevance to NJ EAF: Asbestos Inspection

References: Steven Torrenti, New York Public Library, 1-(646) 621-1124, steventorrenti@nypl.org

Asbestos Inspector, Lead-Based Paint Inspector, and Confined Space Entry JFK Water Meter Replacement Project (2013):

Collected asbestos, lead-based paint, and sediment samples in two different underground water meter vaults requiring confined space entry. Responsible for pre-entry atmosphere monitoring, set-up of retrieval equipment, confined space entry, sample collection, record keeping, and sample submittal.

Relevance to NJ EAF: Project Engineer for Infrastructure Improvements; Asbestos and Lead Based paint inspection.

References: NYCDEP, Akimu Garuba, (718) 595-4262

FIRM

- URS

AREAS OF EXPERTISE

- Asbestos, Lead Based Paint and Mold Inspections
- Mold Remediation
- Phase I Site Investigations

YEARS OF EXPERIENCE

- 4 Years

EDUCATION

- BS/2009/Environmental Science, Minors: Biology, Mathematics William Paterson University

REGISTRATION/CERTIFICATION

- EPA/AHERA/ NYS Accredited Asbestos Inspector
- New York State Project Monitor/ Air Sampling Technician
- New Jersey Asbestos Safety Technician
- New York City Department of Environmental Protection Asbestos Investigator
- New Jersey Lead Inspector / Risk Assessor
- EPA Region 2 - New York Lead Inspector/ Risk Assessor
- Confined Space Entry
- New Jersey Radon Measurement Technician (6 Month Provisional Certificate)
- NYC DOB Suspended Scaffold 16- Hour Certificate
- NYC DOB Supported Scaffold 4- Hour Certificate

Martin Abbott

Architectural Field Manager

PROJECT SPECIFIC EXPERIENCE

Architectural Historian, Coplay-Northampton Bridge, PennDOT Engineering District 5-0, Lehigh Valley, Pennsylvania, (2006-Present): Mr. Abbot served as the Architectural Historian and performed a historic architectural survey of the 1930 Coplay-Northampton Bridge, a combination arch/steel truss bridge in the Lehigh Valley. Survey included the evaluation of two residential districts in Coplay and Northampton, as well as a c. 1912 silk mill.
Relevance to NJ EAF: Identical CRM services needed in NJ
References: Kevin Mock, District 5-0 CRM Specialist, 1002 Hamilton Street Allentown, PA 18101, (570) 963-4364, kmock@pa.gov

Architectural Historian, Betzwood Bridge Replacement, PennDOT Engineering District 6-0, Valley Forge, Pennsylvania, (2004-Present): Mr. Abbot served as Architectural Historian and conducted a series of effects assessments for additional undertakings related to a historic bridge replacement located in Valley Forge National Historical Park. In addition, he drafted Section 4(f) documentation and provided input on the aesthetics of the bridge design.

Relevance to NJ EAF: Identical CRM services needed in NJ

References: Dr. Catherine A. Spohn, District 6-0 CRM Specialist, 7000 Geerdes Boulevard, King of Prussia, PA 19406, (610) 205-6711, cspohn@state.pa.us

Architectural Historian, I-95/Girard Avenue Interchange, PennDOT Engineering District 6-0, Philadelphia, Pennsylvania, (2002- Present): Mr. Abbot served as the Architectural Historian and performed historic architectural survey of resources along a 2.7-mile stretch of I-95 in Philadelphia, Pennsylvania. The project area encompasses a large section of Philadelphia's 19th century industrial/waterfront sector along the Delaware River.

Relevance to NJ EAF: Identical CRM services needed in NJ

References: Dr. Catherine A. Spohn, District 6-0 CRM Specialist, 7000 Geerdes Boulevard, King of Prussia, PA 19406, (610) 205-6711, cspohn@state.pa.us

Architectural Historian, Tropical Depression Ivan, FEMA, Pennsylvania, (2005): Mr. Abbot assisted the Federal Emergency Management Agency with their Section 106 program related to storm-related repairs in central Pennsylvania. Performed determinations of eligibility and effects upon damaged buildings, and reviewed project worksheets to make certain proposed repairs complied with the Secretary of the Interior's Standards for the Treatment of Historic Buildings.

Relevance to NJ EAF: Identical CRM services needed in NJ

References: Angela Gladwell, Director, Office of Environmental Planning and Historic Preservation, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, (202) 646-3193, Angela.Gladwell@fema.dhs.gov

FIRM

- URS

AREAS OF EXPERTISE

- National Historic Preservation Act Compliance
- Section 106 Reports
- Documentation of Adverse Affects
- Programmatic Agreements Section 4(f) Evaluations Integrated Cultural Resource Management Plans
- National Register of Historic Places Nominations

YEARS OF EXPERIENCE

- 25 Years

EDUCATION

- BS/1988/Urban and Regional Studies/Cornell University

Linda Mackey

Architectural Field Manager

PROJECT SPECIFIC EXPERIENCE

Architectural Historian, Rochester Gas & Electric Corp. (RG&E), Beebee Stack Demolition Project, Rochester, New York, (May 2012-August 2012): Completed research and field analysis to carry out effects analysis and Section 14.09 consultation for the demolition of the boiler stack at Beebee Station. Site inspection included photographic documentation of both interior and exterior of the property and properties identified in Area of Potential Effects (APE). Research was conducted at the NY SHPO and local repositories to identify historic properties and develop a historic context.

Relevance to NJ EAF: Architectural field analysis, property photo documentation, NY/NJ historical property research

References: Gary Ganoung, 215 Greenfield Parkway Suite 102, Liverpool, NY 13088, (607) 762-7226, GGanoung@trcsolutions.com

Architectural Historian, Williams-Transco, Constitution Pipeline, Pennsylvania and New York, (April 2012-Present):

Responsibilities include site file research at the NY SHPO and the preparation of the historic context for the five counties in New York: Broome, Chenango, Delaware, Otsego and Schoharie. Also assisted in the preparation of a scoping letter to establish the survey methodology through consultation with the NY SHPO.

Relevance to NJ EAF: site file research, SHPO coordination, historic context reports

References: James Bloemker, 2800 Post Oak Boulevard, Houston, TX 77056, (713) 215-2656, James.D.Bloemker@williams.com

Coordinator, FEMA Hazard Mitigation Technical Assistance Program (HMTAP) TO 11 (HMA EHP Technical Assistance), Nationwide, (August 2010-February 2012): Assists the Task Order Manager in coordinating and tracking all on-going technical assistance (TA). Work with TA teams to have deliverables go through tech editing and QA/QC process (including documentation for contract purposes); Ensure that deadlines are being met and working with the TA teams identify areas of potential concern; Ensure that consistency reviews have been coordinated and performed across disciplines; Maintain a tracking spreadsheet for a deliverables; Assist with preparation of monthly reports to FEMA; Working with EHP staff to maintain the high quality of services delivered to the client; look for ways to improve and innovate the review process and deliverables to the client.

Relevance to NJ EAF: Coordinate w/ EHP staffs, FEMA coordination & reporting

References: Amy Baker, 12420 Milestone Center Drive, Suite 150, Germantown, MD 20876, (301) 820-3444, amy.baker@urs.com

FIRM

- URS

AREAS OF EXPERTISE

- NHPA/Section 106 Consultation and Compliance
- Environmental Impact Statements and Environmental Assessments
- Integration of Section 106 and NEPA
- Architectural Survey, Documentation, Research, and Analysis
- Determinations of Eligibility and NRHP Nominations, including Criterion Consideration G (Less than Fifty Years of Age)

YEARS OF EXPERIENCE

- 10 Years

EDUCATION

- MS/Historic Preservation/2004/University of Pennsylvania
- BA/Anthropology/Architectural History/2002/University at Buffalo

REGISTRATION/CERTIFICATION

- 36 CFR Part 61 (Architectural History and History)

Nationwide Infrastructure Support Technical Assistance Consultants (NISTAC) Cultural Resource Management (CRM) , Nationwide, (March 2011-February 2012): Nationwide Coordinator and single point-of-contact for URS CRM services to FEMA under the NISTAC contract This position consists of acting as the liaison between NISTAC management and Gaithersburg (GTB) CRM leadership. Responsibilities include aiding in the identification of qualified CRM personnel for FEMA assignments, both individual projects and deployments; coordinate and track the status of CRM work, participate in project discussions/calls; conduct detailed checks of CRM deliverables to ensure they meet URS and NISTAC policy and procedures, quality standards, and to ensure consistency of services and deliverables; coordinate internal technical review (ITR) and tech edit through GTB for CRM deliverables; serves as point-of-contact for CRM personnel working on individual projects or on deployments for technical questions/concerns; and advise NISTAC management and GTB CRM leadership on significant issues related to the development and execution of NISTAC CRM.

Relevance to NJ EAF: FEMA cultural resource management, NISTAC coordination, ITR coordination, field team management

References: Jamie Marshall, 100 South Fifth Street, Suite 1500, Minneapolis, MN 55402, (612) 373-6494, Jamie.marshall@urs.com

Richard Silverman

Historic Architect & Architectural Historian

PROJECT SPECIFIC EXPERIENCE

URS Field Coordinator, Mississippi Development Authority (MDA), 12+ southern Mississippi counties, (2012-present):

Served as URS Field Coordinator for staff of three SOI-qualified architectural historians conducting Section 106 structures reviews for the Neighborhood Home Program (NHP), a Hurricane Katrina disaster-recovery program for properties in over 12 counties of south Mississippi. NHP is designed to repair, rehabilitate and reconstruct 8,000 Hurricane-Katrina damaged residences through individual \$75,000 grants. Performed scheduling, database support, review of pre-assessment and intensive Section 106 evaluations, mitigation, and consultation with Mississippi SHPO per the MDA Programmatic Agreement.

Relevance to NJ EAF: HUD-funded CDBG housing disaster recovery program.

Reference: Jon Mabry, MDA Chief Operations Officer, 501 North West Street, Jackson, Mississippi 39201, (601) 359-2379, jmabry@mississippi.org

URS Field Coordinator and Historic Preservation Specialist, Federal Emergency Management Agency (FEMA), Louisiana Recovery Office, New Orleans, Louisiana, (2007–2012):

Served as URS Program Manager for staff of five environmental and historic preservation contractors. Identified, evaluated, and assessed effects to historic properties in Louisiana for the \$1.75B FEMA 404 Hazard Mitigation Grant Program (HMGP). Developed guidance documents for Section 106 reviews for historic structures. Served on a GIS team that digitized National Register Historic District boundaries for New Orleans, Louisiana to include the French Quarter (Vieux Carre). Drafted adverse effect documentation and developed Memorandum of Agreement and Programmatic Agreement documents for the program's complex undertakings. Streamlined ArcIMS/GIS reviews for a large-scale undertaking involving over 46,000 properties. Surveyed standing structures resources and drafted a National Register Historic District nomination for Edgewood Park NRHD, New Orleans.

Relevance to NJ EAF: FEMA-funded hurricane disaster recovery programs.

Reference: Katherine Zeringue, FEMA Louisiana Recovery Office, Historic Preservation - 4th Floor, 1 Seine Court, New Orleans, LA 70114, 504-762-2256, Katherine.Zeringue@fema.dhs.gov

FIRM

- URS

AREAS OF EXPERTISE

- NHPA/Section 106 Consultation and Compliance
- Preparation and Execution of Section 106 Agreement Documents
- National Register Nominations
- Historic Structures Reports
- Application of Secretary of the Interior's Standards
- Environmental Impact Statements and Environmental Assessments
- Historic Preservation Design Review Consultation
- Architectural Survey and Documentation
- Determinations of Eligibility & Effects
- Cultural Resources Management Plans

YEARS OF EXPERIENCE

- With URS: 5 Years
- With Other Firms: 13 Years

EDUCATION

- Master of Architecture (1996) Virginia Polytechnic Institute & State University, Blacksburg, VA
- Master of Architectural History (1992) University of Virginia, Charlottesville, VA
- Bachelor of Arts in English (1988) University of Vermont, Burlington, VT

REGISTRATION/CERTIFICATION

- 36 CFR Part 61/Architectural History/Historic Architecture/History

Historic Preservation Specialist for Federal Emergency Management Agency, Region I, Peabody, Massachusetts, (2008–2009): Historic Preservation Specialist for downtown Peabody, Massachusetts Flood Mitigation Project. In concert with archaeological studies, completed identification, evaluation and assessment of effects reports for standing structures and gained concurrence with Massachusetts SHPO (MHC). Drafted and completed a Programmatic Agreement and Implementation Plan to guide this complex undertaking.

Relevance to NJ EAF: FEMA-funded flood mitigation project.

Reference: Jack Sullivan, FEMA Region 1, 99 High Street 6th Floor, Boston, MA 02110, 617-223-9540, Jack.Sullivan@fema.dhs.gov

Historic Architect for United States Military Academy, West Point, New York, (2008–2009): Under contract to the United States Army Corps of Engineers and on behalf of the United States Military Academy, prepared the USMA Science Center, Buildings 753 and 757, Design Phase II Assessment of Effects under Section 106 of the National Historic Preservation Act. Provided design consultation associated with the restoration and solar upgrades to Building 753, Bartlett Hall, and Building 757, the Cadet Library, at USMA's West Point, New York campus. Assured that designs did not adversely affect the National Historic Landmark district to which these buildings contribute.

Relevance to NJ EAF: Architectural scope and design work on historic buildings within New York.

Reference: Thomas Burns, Directorate of Public Works, Master Planning Department, 667 Ruger Rd, West Point, NY 10096, 845-938-3107, Thomas.Burns@usma.edu

Jeremy Lazelle, RPA

Senior Archaeologist

PROJECT SPECIFIC EXPERIENCE

Archaeology Program Lead, Mississippi Development Authority Elevation Grant and Small Rental Assistance Programs, Gulf Coast Counties, MS, Housing and Urban Development (HUD), (2008-2009): Managed archaeological studies as part of cultural resources management studies and Section 106 consultation associated with MDA's administration of HUD Community Development Block Grant funds to owners of historic properties and to investors rehabilitating or rebuilding affordable housing units. The project area included the four southernmost counties of the state damaged by Hurricanes Katrina and Rita.

Relevance to NJ EAF: Identical CRM services needed in NJ; Compliance w/ Section 106 regulations

References: Nell Rogers, Program Manager, Disaster Recovery Division, Mississippi Development Authority, PO Box 849, Jackson, MS 39205, (601) 359-9341, nrogers@mississippi.org

Principal Investigator, Phase I Old Albany Post Road, Putnam County, New York, Department of Homeland Security (DHS)/Federal Emergency Management Agency (FEMA) (2013): Conducted archaeological assessment of a portion of the historic Old Albany Post Road as part of FEMA's Hazard Mitigation Grant Program (HMGP).

Relevance to NJ EAF: Disaster hazard mitigation concerning NRHP-listed resource

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Historic Preservation Specialist, Cultural Resource and Site Assessment for Hurricane Isaac Damaged Properties, Southern Louisiana and the City of New Orleans, DHS/FEMA (2012-2013): Conducted cultural resource and site assessments for Public Assistance (PA) and Hazard Mitigation Grant Program (HMGP).

Relevance to NJ EAF: Disaster hazard mitigation concerning NRHP-listed resource

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Research Field Team Lead, 2PA FEMA: Assessment of Archeological Sites within the Seven Counties of Mississippi Affected by Hurricane Katrina, Biloxi, MS, DHA/FEMA, (2009-2010): Conducted archaeological site assessments as part of FEMA's Public Assistance (PA) program.

Relevance to NJ EAF: Large scale post-disaster planning and assessment

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

FIRM

- URS

AREAS OF EXPERTISE

- Landscape Archaeology
- Historic Archaeology and Standing Structures
- Caribbean Region/Colonial /Plantation Archaeology
- Material Culture and Cultural Diffusion
- Planning and Assessment
- Disaster Related Cultural Resource Management
- Consultation

YEARS OF EXPERIENCE

- With URS: 6 Years
- With Other Firms: 10 Years

EDUCATION

- MA/Archaeology and Heritage/2002/University of Leicester, UK
- BA/Anthropology/1993/ Washington State University

REGISTRATION/CERTIFICATION

- 36 CFR 61, Appendix A, Register of Professional Archaeologists
- Open Water Diving (PADI)
- Open Water Navigation (USCG)

FEMA National Technical Review, Archaeological and Tribal Consultation Support, Various Grant Requests, Programs and FEMA Regions (2010-2010):

Relevance to NJ EAF: Disaster related national review for cultural resource concerns

References: John Bishop, COTR, 1800 S. Bell Street, Arlington, VA, (202) 646-4363, John.Bishop@fema.dhs.gov

Archaeological Monitor, Francois Cousin House, Slidell, Louisiana, FEMA, (2010-2010): Conducted archaeological monitoring at historic residence for HMGP.

Relevance to NJ EAF: Cultural monitoring for post-disaster rehabilitation of NRHP-listed resource

References: John Bishop, COTR, 1800 S. Bell Street, Arlington, VA, (202) 646-4363, John.Bishop@fema.dhs.gov

Principal Investigator, Phase I Archaeological Survey of the Proposed Gulfport Library Relocation: Kenwood Drive, Gulfport, Mississippi, FEMA (2009-2009): Conducted survey for FEMA PA.

Relevance to NJ EAF: Post-disaster cultural resource investigation

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Historic Preservation Specialist, Cultural Resource and Site Assessment for Hurricane Damaged Properties in Gulf Coast Louisiana, FEMA (2008): Conducted archaeological site assessments as part of FEMA PA.

Relevance to NJ EAF: Large scale post-disaster planning and assessment

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Historic Preservation Specialist, Historic Structure Survey and Damage Assessment, Erath, Louisiana, FEMA (2006): Conducted historic structure survey and damage assessments as part of FEMA PA.

Relevance to NJ EAF: Post-disaster cultural resource survey

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Historic Preservation Specialist, Debris Removal and Demolition, Pecan Island, LA, Little and Grand Chenier, Louisiana, FEMA, (2006): Conducted archaeological surface survey, historic structure documentation, archeological monitoring, historic structure and archeological site recordation, and photo documentation for FEMA PA.

Relevance to NJ EAF: Post-disaster cultural resource survey and monitoring

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Mark Martinkovic, RPA

Principal Investigator

PROJECT SPECIFIC EXPERIENCE

Hazard Mitigation Grant Program Lead Archaeologist, Federal Emergency Management Agency (FEMA), New Orleans, Louisiana, (October 2010-June 2012): Mr. Martinkovic served as Historic Preservation Archaeology Team Lead and was responsible for implementation of Programmatic Agreements and Memorandum of Agreements. Other duties include staff management; report of investigations preparation and production; data analysis; reviewing/writing determinations of eligibility and/or findings of effect; communicate and coordinate with supervisory historic preservation specialists regarding identified historic properties; conduct site visits and/or conduct field work including archaeological survey and testing; coordinate with Supervisory Historic Preservation Specialists to assist in making decisions about project alternatives and the resolution of adverse effects to historic properties; work with other Historic Preservation Specialists in the drafting of necessary documents; and provide HMGP program archaeology (ground-disturbing projects) status to Tribal representatives in a bi-weekly meeting.

Relevance to NJ/DCA RFQ: Disaster hazard mitigation cultural resource planning and assessment

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov.

Field Director, Phase I Old Albany Post Road, Putnam County, New York, Department of Homeland Security (DHS)/Federal Emergency Management Agency (FEMA) (2013): Conducted archaeological assessment of a portion of the historic Old Albany Post Road as part of FEMA's Hazard Mitigation Grant Program (HMGP).

Relevance to NJ EAF: Disaster hazard mitigation concerning NRHP-listed resource

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Secondary Programmatic Agreement, FEMA, Biloxi, Mississippi, (March 2008-October 2010): Historic Preservation Specialist. Responsible for background research, proposal preparation, creating homeowner historic preservation resource guides, fieldwork and post-fieldwork report preparation and production. Fieldwork included conducting site visits, systematic shovel testing, test units, surface inspection and capturing location information with a Trimble GPS unit.

Relevance to NJ/DCA RFQ: Large scale post-disaster planning and assessment

FIRM

- URS

AREAS OF EXPERTISE

- Managing /Conducting NHPA Section 106 Archaeological Projects including: Archaeological Monitoring, Identification, Evaluation and Mitigation (Phase I/II/III)
- Meets Secretary of Interior (SOI) Professional Standards and Guidelines

YEARS OF EXPERIENCE

- 17 Years

EDUCATION

- MA/2006/Historical Archaeology /University of West Florida, Pensacola, FL
- BA/2000/Anthropology/University of West Florida, Pensacola, FL

REGISTRATION/CERTIFICATION

- 2006-present/Register of Professional Archaeologists
- 2009/Advisory Council on Historic Preservation/Section 106 Essentials course
- 2006/FEMA Certification Courses:
 - IS-100: Introduction to Incident Command System
 - IS-253: Coordinating Environmental and Historic Preservation Compliance;
 - IS-630: Introduction to Public Assistance Process
 - IS-631: Public Assistance Operations
 - IS-632: Introduction to

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov.

United States Coast Guard (USCG) Debris Removal Team Lead, FEMA, New Orleans, Louisiana, (June 2006-February 2008). Historic Preservation Specialist/Team Lead. Archaeological monitoring project in conjunction with FEMA and the USCG. Duties included coordinating the archaeological monitoring of debris removal in over 96 waterways in twelve parishes in and around the greater New Orleans area and coastal Louisiana. The purpose of the archaeological monitoring was to prevent the destruction of maritime and shoreline archaeological resources. Mr. Martinkovic coordinated the debris removal schedule with the USCG and directed archaeological monitors on sensitive waterways.

Relevance to NJ/DCA RFQ: Post-disaster marine debris archaeological monitoring

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov

Peter A. Regan, MA, RPA

Archeology Field Manager

PROJECT SPECIFIC EXPERIENCE

Archaeological Monitor, St. Thomas Pre-Disaster Mitigation Grant Project, Federal Emergency Management Agency, St. Thomas, U.S. Virgin Islands, (2013). Conducted archaeological monitoring associated with the Water and Power Authority plans to place above ground utilities underground to avoid effects from storms and hurricanes. The archaeological study was within the historic district in Charlotte Amalie.

Relevance to NJ EAF: Archeological monitoring

References: John Bishop, COTR, 1800 S. Bell Street, Arlington, VA, (202) 646-4363, John.Bishop@fema.dhs.gov.

Archaeological Monitor, Jones Point Park Improvement Project, National Park Service/Federal Highway Administration/City of Alexandria/Virginia Department of Transportation, Alexandria, Virginia (2012). Conducted archaeological monitoring for the Jones Point Park improvement project at the Woodrow Wilson Bridge in compliance with Section 106 regulations. Responsible for ensuring no cultural resources associated with sites 44AX0052, 44AX0053, 44AX0078, 44AX165, and 44AX185 were negatively impacted by construction activities. Additional responsibilities included assisting in the management of unanticipated archaeological resources and ensuring their documentation and protection in accordance with all applicable regulations.

Relevance to NJ EAF: Compliance w/ Section 106 Regulations, archeological monitoring

References: Tony Opperman, VDOT Preservation Program Manager, Environmental Division, 1401 Broad Street, Richmond, VA 23219, (410) 545-8810, A.Opperman@VDOT.virginia.gov

Author and Researcher, Broken Bow Reservoir Project, United States Army Corps of Engineers, Tulsa District, McCurtain County, Oklahoma, (2012). Supported inter-office initiatives to modify and generate deliverables related to excavations of the prehistoric Panther Creek Site for a major federal client to meet Section 110 compliance.

Relevance to NJ EAF: Compliance w/ Section 110 Regulations

References: Kenneth Shingleton, Environmental Analysis and Compliance Branch U.S. Army Corps of Engineers, Tulsa District, 1645 S. 101 E. Avenue, Tulsa, OK 74128-0061, (918) 669-7661, Kenneth.L.Shingleton@usace.army.mil.

Crew Chief, HMGP CNO Elevations Phase II, Federal Emergency Management Agency, New Orleans, Louisiana, (2012). Conducted Phase II evaluations of three nineteenth to early twentieth century residential properties as part of a federally funded disaster mitigation project.

Relevance to NJ EAF: Storm recovery and management in compliance with FEMA/Federal requirements

References: Eddie Murphy, COTR, Federal Center Plaza, Washington, DC, (202) 646-2948, Eddie.Murphy@fema.dhs.gov.

FIRM

- URS

AREAS OF EXPERTISE

- Historical Archaeology
- Biological Archaeology
- Physical Anthropology

YEARS OF EXPERIENCE

- 6 Years

EDUCATION

- MA/Archaeology/College of William & Mary
- BA/Anthropology/St. Mary's College of Maryland
- BA/History/St. Mary's College of Maryland

REGISTRATION/CERTIFICATION

- Registered Professional Archaeologist
- SOI Qualified Archaeologist

Author and Researcher, Mayer Ditch Improvements Phase I, Federal Emergency Management Agency, Toledo, Ohio, (2012). Contributed to the generation of a Phase I archaeological survey report to assist FEMA with meeting Section 106 compliance as part of a disaster mitigation project.

Relevance to NJ EAF: Storm recovery and management in compliance with FEMA/Federal requirements and Section 106 Regulations

References: John Bishop, COTR, 1800 S. Bell Street, Arlington, VA, (202) 646-4363, John.Bishop@fema.dhs.gov.

Field Technician and Author, Fort McNair Cultural Project, Joint Base Myer-Henderson Hall, Washington, DC, (2011-2012). Supported archaeological efforts in the identification of historic United States Arsenal and Penitentiary properties located on an active United States military educational facility. This work was undertaken in support of Section 110 regulations and resulted in the identification of portions of the Arsenal and Penitentiary. The project also attempted to locate the gallows and original gravesites of the Lincoln assassination conspirators, but prior ground disturbances have obliterated all traces of these features.

Relevance to NJ EAF: Archeological excavation, management in compliance with Section 110 Regulations

References: Kristie Lalire, Cultural Resources Program Manager, Fort Myer and Fort McNair, Directorate of Environmental Management, Joint Base Myer-Henderson Hall, 111 Stewart Road, Building 321, Fort Myer, VA 22211-1199, (703) 696-6770, Kristie.s.lalire.civ@mail.mil.



Tab 7 – Experience on Contracts of Similar Size and Scope



EXPERIENCE ON CONTRACTS OF SIMILAR SIZE & SCOPE

URS has demonstrated corporate experience in the disaster recovery, housing recovery, program planning, management, and technical and logistical support needed to perform all aspects of this program management effort. Abstracts for projects that highlight our experience follow:

Hurricane Katrina CDBG-DR Housing Program

State of Mississippi

OVERVIEW OF SERVICES

As part of the \$5.4B funding allocation from CDBG-DR for Hurricane Katrina damages, URS was contracted by the Mississippi Development Authority (MDA) to provide a variety of planning, environmental, program, and construction management services for the Housing Recovery Program along the Mississippi Gulf Coast

Elevation Grant Program (EGP), \$70.5M Program Funding:

The Elevation Grant Program (EGP) was a HUD CDBG-DR funded program to provide grants to homeowners to defray the costs of elevating their homes above the base flood elevation in high hazard areas. EGP awards were classified as additional assistance available to homeowners who received aid from a separate repair program, the Homeowners Assistance Program (HAP), and were required to elevate because of changes in Federal flood maps. URS processed a total of 3,266 applications representing \$70.5M in grant funding.

URS provided program management, including data management, field investigations, and environmental reviews in order for the applicants to receive funding and construct their project. As part of the program guidelines development, URS created a data management and a GIS system designed to streamline the approval process and move in a rapid, efficient manner so the applicants could receive their funding in a timely manner.

URS had to overcome substantial coordination issues with local governments for the constantly changing Flood Insurance Rate Maps (FIRM) due to rapidly changing conditions after Hurricane Katrina. Working with FEMA and the local governments, URS was able to utilize the digital FIRMs to project any upcoming new requirements and make adjustments before construction projects were initiated. Other unique scope items included development of a Programmatic Agreement with Federal, state, local, and tribal agencies that are stakeholders in the NEPA review process. The renegotiation of the programmatic agreement reduced the time required by the State Historic Preservation Office (SHPO) to review the findings by more than 75 percent, and in many cases cut the overall review time in half.

Small Rental Assistance Program (SRAP), Rounds 1 & 2, \$118M Program Funding: The MDA contracted URS to provide services including environmental review, field investigations, and data management services in support of the Small Rental Assistance Program for Mississippi residents and rental property owners that were impacted by Hurricane Katrina. The objective of the SRAP is to provide rental assistance, grants for repairs, renovations, or new construction to small rental properties. The program's intent is to increase the area's affordable rental units in Katrina impacted areas. URS processed a total of 1,861 applications disbursing more than \$118M in program funding.

PROJECT RELEVANCE

- Development of Operational Plans
- Strategic Planning
- Process Development
- Data Management

PROJECT OWNER

- Mississippi Development Authority (MDA)

CONTRACT NUMBER(S)

- MDA #491-C
- Subcontract to Horne, LLP

TYPE OF CONTRACT

- Performance-based IDIQ

PROJECT DURATION

Start: 2007
Close: 2014

CONTRACT VALUE

- \$64 Million (over 2 contracts)

These programs represented a pivotal component in the redevelopment of the post-Katrina Mississippi Gulf Coast. Aggressive goals for disbursement of these grants were set by the Governor's office and State Legislature. An agreement had to be reached with ten separate state and field agencies to streamline the review and approval process.

URS was charged with developing a process and managing ten different disciplines (from cultural resources to IT database programmers) to implement a process able to handle an intense amount of data, conduct field investigations, detailed reviews, and reports to various agencies. The project scope included development of a Programmatic Agreement with Federal, state, local, and tribal agencies that are stakeholders in the NEPA review process. SRAP was one of the most successful recovery programs resulting in a significant increase in affordable rental property and assisting with the long term recovery of the region.

Neighborhood Rental Restoration Program (NRRP), \$41M Program Funding: The MDA contracted URS in 2009 to provide services including environmental and project management services in support of the Neighborhood Rental Restoration Program (NRRP) for Southern Mississippi residents that were impacted by Hurricane Katrina. The goal of the NRRP program were to restore existing neighborhoods and provide affordable housing to very low income (50 percent AMI and below) tenants in the southern most portions of Hancock, Harrison, and Jackson counties. Applicants who repaired, rehabilitated or reconstructed damaged properties and agreed to follow MDA's rental rules could receive forgivable loans as incentives. URS disbursed more than \$41M to 900 applicants in a two-year period.

The scope of the project included:

- Mapping of the property locations including mapping layers relevant to each specific environmental aspect of the NEPA review process.
- Field work and data collection to verify location using GPS (sub-meter accuracy).
- Archaeology and architectural history evaluations and field assessments, as necessary for Section 106 compliance.
- Floodplain, wetlands, and coastal zone evaluations and field assessments, as necessary for NEPA compliance.
- Threatened and endangered species evaluations and field assessments, as necessary for NEPA compliance.
- Hazardous substances evaluations and field assessments for toxic/contamination, landfills, above and underground storage tanks, and other potentially toxic or hazardous substances, for NEPA compliance.
- Lead-based paint evaluations and field assessments for NEPA compliance.
- Property proximity to airport runways evaluations for NEPA compliance.
- Farmland protection evaluations for NEPA compliance.

Long-Term Workforce Housing Program, \$350M Program Funding: The Long Term Workforce Housing Program (LTWH) provided grants and loans to local units of government, non-profits, and for-profit organizations to provide long-term affordable housing in Hancock, Harrison, Jackson, and Pearl River counties on the Mississippi Gulf Coast that were impacted by Hurricane Katrina.

The LTWH program assists individuals with low or moderate incomes to attain adequate housing, destroy and prevent slums and blight, and assists communities with rapid recovery due to an immediate threat to the well-being of the residents.

Two of the subrecipients, which are non-profit organizations, had more than 625 scattered sites. MDA contracted URS to provide program management services consisting of field investigations and environmental reviews for these sites to meet the HUD-required standards. URS worked with these non-profit organizations on program management and compliance issues.

Alternative Housing Pilot Program (AHPP), \$20M Program Funding: Alternative Housing Pilot Program (AHPP) was a unique program that combined or “packaged” the use of funds from HUD CDBG-DR and FEMA to provide a proof of concept rapid housing program for 224 southern Mississippi residents impacted by Hurricane Katrina. MDA, in conjunction with the Mississippi Emergency Management Agency (MEMA) initiated a pilot program to provide assistance in placing Mississippi cottages on permanent foundations in the counties of Hancock, Jackson, Harrison, Pearl River, Stone, and George. The purpose of the AHPP was to develop and produce a safer, more comfortable temporary housing unit for use after a disaster. The program also addressed additional goals such as new approaches to management of units and the option of allowing units to go from temporary to permanent.

MDA contracted URS to assist with the program management services that included feasibility assessments, field investigations, foundation recommendations, environmental reviews, and project closeout for this program.

The scope of the project included:

- Field work and data collection to verify location using GPS (sub-meter accuracy).
- Archaeology and architectural history evaluations and field assessments, as necessary for Section 106 compliance.
- Other environmental reviews.

Neighborhood Home Program, \$132M Program Funding: URS provided program management for the MDA consisting of damage assessments, environmental, and construction management services in support of the Neighborhood Home Program (NHP) for Mississippi residents that were impacted by Hurricane Katrina and had unmet housing recovery needs.

The goal of the NHP was to repair, rehabilitate, and reconstruct Hurricane Katrina-damaged homes owned by low to moderate income families who were unable, through other means, to return their homes to an acceptable level of habitation. This included homeowners in nine counties encompassing Hancock, Harrison, Jackson, Pearl River, Stone, George, Lamar, Forrest, and Jones counties.

The scope of the project included:

- Preparing damage estimates for individual structures.
- Conducting environmental inspections and reviews.
- Mapping of the property locations including mapping layers relevant to each specific environmental aspect of the NEPA review process.
- Field work and data collection to verify location using GPS (sub-meter accuracy).

- Archaeology and architectural history evaluations and field assessments, as necessary for Section 106 compliance.
- Floodplain, wetlands, and coastal zone evaluations and field assessments for NEPA compliance.
- Threatened and endangered species evaluations and field assessments for NEPA compliance.
- Hazardous substances evaluations and field assessments for toxic/contamination, landfills, above and underground storage tanks, and other potentially toxic or hazardous substances, for NEPA compliance.
- Lead-based paint evaluations and field assessments for NEPA compliance.
- Property proximity to airport runways evaluations for NEPA compliance.
- Farmland protection evaluations for NEPA compliance.

SUPPORT TO STATE & LOCAL

URS' support to the MDA and local subrecipients during this unprecedented event required a multi-faceted approach and dynamic planning and staffing over the course of the program. CDBG-DR was a new concept and required intense planning and negotiation with HUD and local governments to develop an action plan, program guidelines, and a method of distribution for funds that would set the tone and guide the entire housing recovery process. While MDA set the program goals and objectives, URS provided the technical capability and staff dedication to take the program from concept to reality.

BENEFIT TO NEW JERSEY

URS' broad experience in a wide variety of planning, program development, program management, and implementation with CDBG-DR funds provides the State of New Jersey with the reassurance we have skills and abilities to develop an effective program. URS' experience with CDBG-DR program requirements and regulations will assist the State in avoiding potential program pitfalls and delays, thus delivering the program funding to victims of Superstorm Sandy rapidly and facilitating the long term recovery process.

REFERENCES	
Reference 1	Reference 2
<p>Jon Mabry Chief Operations Officer, Disaster Recovery Division P.O. Box 849 Jackson, MS 39205 (601) 359-2379 jmabry@mississippi.org</p>	<p>Nell Rogers Program Manager, Disaster Recovery Division P.O. Box 849 Jackson, MS 39205 (601) 359-9341 nrogers@mississippi.org</p>

Hurricane Ike / Dolly CDBG-DR Housing Program, Rounds 1 & 2

State of Texas

OVERVIEW OF SERVICES

URS provides the full spectrum of housing program management services for single and multifamily housing to the Texas General Land Office (GLO) in support of the Hurricane Ike / Dolly CDBG-DR Housing Recovery Program, Rounds 1 and 2. URS provided essential planning and policy development services in the pre-award cycle assisting the Texas GLO with the overall program development and compliance with CDBG-DR regulations and a Conciliation Agreement the Texas GLO entered into with the Statewide Housing Advocates related to Fair Housing requirements and standards. URS was instrumental in the program development, providing strategic direction, plans, draft policies, and products the GLO adopted on a programmatic basis. Furthermore, the program management process developed by URS was executed and proven to be successful throughout the State with the ability to tailor the program for regions of the Texas with unique issues or differences. URS' services will result in the construction or rehabilitation of over 3000 single and multifamily housing units for Round 2.

Programmatic Planning

URS developed a Programmatic Process Flow that follows the major phases of the CDBG-DR program including Operational Planning, Outreach, Intake, Eligibility, Environmental, Pre-Construction, Construction Management and Closeout. Supporting each of these major phases are elements necessary to meet the CDBG-DR requirements and mutually support a cohesive program process. Major deliverables that support the Programmatic Process Flow include:

- Needs Assessments
- Homeowner Opportunity Program (HOP) Guidelines
- Outreach Plan and Materials
- Intake Centers and Application Formats
- Eligibility Determinations (utilizing data management systems and a process flow)
- Broad, Site Specific, and ERR Review Documents for Environmental
- GIS Systems
- Standardized Plans and Specifications for Reconstructed Houses
- Estimated Cost of Repair (ECR) Formats and Protocols for Rehabilitation
- Procurement of a Statewide Contractor Pool
- Project Awards, Contract Documents and Uniform General Conditions for Contractors
- Construction Inspections Utilizing Newest Technology (Custom iPad App)

PROJECT RELEVANCE

- CDBG – DR Program
- Design and Management
- Program Process Development
- Program Management
- Data Management Systems
- Training Programs
- Policies and Procedures Development
- CDBG-DR Compliance
- Needs Assessments
- Coordination with Housing Advocates

PROJECT OWNER

- Texas General Land Office

CONTRACT NUMBER(S)

- GLO 12-236-005
- GLO 12-258-015

TYPE OF CONTRACT

- IDIQ

PROJECT DURATION

Start: 2012
Close: 2013

OTHER FIRMS INVOLVED

- Horne, LLP
- Hamby & Piatt

CONTRACT VALUE

- \$42.3M

- Project Closeout and Pay Application Process

Each of these functions required intense planning and coordination with Texas and local officials to develop a cohesive process that was functional, complied with State and Federal regulations and procurement guidelines, and was adaptable to the communities impacted by the storms. URS was awarded Program Management and Grant Administration services in four communities to implement the housing recovery program in close coordination with the subrecipient. The GLO chose to implement a unique contracting mechanism whereby the State held the contract with URS to ensure quality and timeliness of the service delivery and URS worked in close coordination onsite with the subrecipient to manage the day to day operations of the program. Each subrecipient is unique and required modification to the program process to suit the local needs and individual community requirements. Subrecipient program awards to URS include:

Southeast Texas Regional Planning Commission, Round 2, \$190M Program Funds

The Southeast Texas Regional Planning Commission (SETRPC) supports a three county region with 26 local incorporated communities with single and multifamily housing programs. In order to meet the requirements of the Conciliation Agreement, URS conducted a Needs Assessment of the three county regions to determine targeted outreach areas and focus the use of the CDBG-DR funding to the most qualified applicants. URS developed a Needs Assessment Methodology support by GIS technology that located areas of concentrated poverty, protected classes, and FEMA high risk areas to determine the best overall locations for targeted outreach. URS' analysis also extended to income categories of very low, low, and low to moderate, to ensure residents in the identified areas were served in relation to the magnitude of damage that occurred during the storms. The Statewide Housing Advocates, who largely directed how Round 2 funds should be spent, approved the URS methodology and adopted it for use Statewide.

URS further supports SETRPC with program and construction management of single and multifamily housing units. URS coordinated with 26 local communities in the three county area to develop a systematic process for the design and construction of housing units for applicants that qualify for the program. Using a streamlined and high production focus, URS developed a series of standard housing units based on the Round 2 Program Guidelines with a vision for providing a high quality product that conforms to all the representative building codes, accessibility requirements, and fair housing standards. The result is a product that is unique to the program, high quality, yet reproducible in high quantities.

URS overcame significant challenges on a tight schedule including interaction with building officials, Texas Department of Insurance Windstorm requirements, historic preservation issues, and unique design criteria.

The project scope includes developing a data management system, procuring a list of pre-qualified residential contractors, conducting site visits to develop work write ups, preparing plans and specifications, building code review, conducting contractor training, preparing bid packages and bidding, conducting pre-bid conferences, making construction contract awards, conducting pre-construction conferences, making progress inspections, processing pay applications, and project closeout.

Lower Rio Grande Valley Development Council, Round 2, \$124M Program Funds

The Lower Rio Grande Valley Development Council (LRGVDC) represents a three county area located in extreme south Texas along the border with Mexico. With the highest concentration of poverty in the United States, the Lower Rio Grande Valley was severely impacted by Hurricane Dolly, and three additional hurricanes, since 2008. The "Valley" as it is commonly called, is largely occupied by Hispanic populations with a unique heritage. Local communities in the areas are known as *Colonias*,

and represent very poor migrant workers and citizens, creating unique challenges for managing a Federally funded housing recovery program.

URS conducted a similar Needs Assessment for the Valley, resulting in large scale target areas and implemented outreach activities utilizing local Non-Profit Housing Organizations. The development of trust and relationships with applicants is critical to the program success, so the employment of local citizens and implementation of Section 3 plans require intense oversight of the program manager.

Similar to other regions of the Texas, the URS project scope includes developing a data management system, procuring a list of pre-qualified residential contractors, conducting site visits to develop work write ups, preparing plans and specifications, building code review, conducting contractor training, preparing bid packages and bidding, conducting pre-bid conferences, making construction contract awards, conducting pre-construction conferences, making progress inspections, processing pay applications, and project closeout.

City of Galveston, Round 2, \$104M Program Funds

Founded in 1836, the City of Galveston is an island community and was the landfall location for Hurricane Ike in 2008. The entire City was flooded with four to eight feet of inundation, virtually damaging every building in the city of 52,000 people. The City presents unique challenges for housing recovery programs due to the density of houses eligible for listing on the National Historic Register and numerous Historic Districts that make up the majority of the City. Galveston is also the only community to have adopted a more stringent building code than the rest of the State, making the rebuilding process more challenging considering the historic environment.

The GLO contracted with URS to provide CDBG-DR housing program recovery services. The City's charter presented very restrictive requirements for providing public services on private property, so the GLO decided to deliver the program directly, with no subrecipient contract involvement. The City's program is the only Round 2 program where the GLO is directly delivering the services through URS to the applicant.

The URS project scope for the City of Galveston program required much more intensive input and negotiation with the historic preservation entities including the Landmark Commission and the Texas Historic Commission. Severely restrictive building codes coupled with non-standard lot sizes in the City created specific challenges for reconstruction compliance that required new and creative approaches to the normal program management process. The URS scope includes developing a data management system, procuring a list of pre-qualified residential contractors, conducting site visits to develop work write ups, preparing plans and specifications, building code review, conducting contractor training, preparing bid packages and bidding, conducting pre-bid conferences, making construction contract awards, conducting pre-construction conferences, making progress inspections, processing pay applications, and project closeout.

Bastrop County Wildfire Recovery, \$22M Program Funds

In September 2011, Bastrop County, Texas experienced the worst wildfire in Texas' history resulting in the loss of 1,691 structures and over \$325M in damages. The CDBG-DR Program funded the State of Texas with \$22M for housing recovery from the wildfire for low to moderate income families. GLO contracted URS to conduct construction management services for the reconstruction of approximately 200 single family homes. Utilizing standardized construction plans designed with *Firewise design* and sustainability protocols, URS provided the full range of program and construction management services for Bastrop County. Unique challenges during program implementation included the observation of an endangered species, the *Houston Toad*, of which less

than 100 remain due to habitat destruction from the wildfire. No other habitat for the *Houston Toad* is known to exist anywhere in the United States.

URS developed standardized plans, procured a contractor pool, conducted a contractor’s workshop, prepared contracts and Uniform General Conditions, made project awards, conducted a pre-construction conferences, made progress inspections, processed pay applications, and project closeouts.

SUPPORT TO STATE & LOCAL

URS provided direct staffing and program management support to the local Council of Governments to help make the program successful and fulfill the unmet needs of over 3,000 low to moderate income applicants.

BENEFIT TO NEW JERSEY

URS has developed a program and construction management process that can be tailored to any community and provides efficient, cost effective solutions to solving low to moderate income housing needs.

REFERENCES	
Reference 1	Reference 2
Jorge Ramirez Deputy Commissioner 301 Congress St. Austin, TX 78701 (866) 206-1084 jorge.ramirez@glo.texas.gov	Javier Perez Housing Director 301 Congress St. Austin, TX 78701 (866) 206-1084 javier.perez@glo.texas.gov

Public Assistance Technical Assistance (NISTAC)

Nationwide

OVERVIEW OF SERVICES

URS, as part of the Nationwide Infrastructure Support Technical Assistance Consultants (NISTAC) joint venture, provides post-disaster technical support and programmatic assistance to FEMA within all ten FEMA regions. Its scope of work involves responding to all types of natural and man-made disasters, including residential housing. NISTAC has responded to 350+ disasters, 1,000+ project assignments, the concurrent management of 100+ task orders (TOs) in multiple locations, and rapid deployment of staff. NISTAC's resourcefulness has enabled it to deploy staff on a less-than-48-hour notice hundreds of times, sending 400+ people to help with the 2004 hurricanes and 650+ people in response to Hurricane Katrina. To increase program efficiency and consistency, NISTAC developed a program management database and web program management tool to expedite project tracking and monthly reporting. It also developed a damage cost estimating system that FEMA's Public Assistance Division has used to estimate \$4+ billion in disaster damage repairs. NISTAC's QMS uses ISO 9001:2000 protocols and incorporates strict quality assurance (QA) controls and measures. Its QA process includes a formal client feedback survey that queries technical, management, schedule, and cost performance on completed tasks. FEMA has issued NISTAC consecutive project awards for outstanding performance since 1985 and incentive fees every year since the contract type changed to performance-based.

SUPPORT TO STATE & LOCAL

Hurricanes Katrina, Rita, and Wilma: Provided over 225 engineers, technical, and senior staff to address the unprecedented response and recovery efforts. Led special technical teams to address restoration of hundreds of justice facilities, police stations, prisons, courthouses, fire stations, and utilities. Provided recommendations on the restoration of public transportation and emergency transportation services. Provided senior planners to assist with long term recovery efforts. Led GIS support to the entire public assistance operation. To address the critical need to re-establish police, fire, and justice system capabilities, NISTAC developed and led a specialty Justice Team that worked closely with FEMA to expedite the assessment/grant eligibility for over 220 justice facilities in Louisiana.

Housing Assistance Following 1992 "Storm of the Century": NISTAC conducted the entire mobile home/travel trailer contractor selection and oversight following the "Storm of the Century" in the Florida Panhandle from Tampa to Tallahassee, Florida. NISTAC developed the scope of work, selected the sites, and approved the installation of mobile homes and travel trailers installed on individual homeowner's property while they completed repairs on their flood damaged homes.

PROJECT RELEVANCE

- Policy, Training, and Publication Development
- Stafford Act Programs
- Long Term Recovery (ESF #14) Support

PROJECT OWNER

- FEMA

CONTRACT NUMBER(S)

- Contract 5: HSFEHQ-09-D-0882
- Contract 4: HSFEHQ-06-D-489
- Contract 3: HSFEHQ-04-D-0127
- Contract 2: EMW-2003-CO-0001
- Contract 1: EMW-97-CO-0173

TYPE OF CONTRACT

- Performance-based IDIQ

PROJECT DURATION

Start: 2/23/2012
Close: 2/26/2017

OTHER FIRMS INVOLVED

- Vissering Consulting Group, Inc.

CONTRACT VALUE

- \$1B + (over 5 contracts)

NISTAC also conducted the inventory for both turn over to the resident and inventory when the trailers were no longer needed.

Stafford Act Programs: NISTAC’s recent completion of long term recovery support in Wisconsin received accolades from FEMA management for our innovative approaches and efficient and effective planning support. Our staffs have detailed fire management assistance experience and were the principal authors of FEMA’s Fire Management Guide.

Emergency Support Function (ESF) #14: Long Term Community Recovery Support. NISTAC has supported FEMA in the development of policies and standard operating procedures for ESF #14, and coordinated meetings and conferences of ESF #14 primary and support agencies.

BENEFIT TO NEW JERSEY

URS understand how to support FEMA on disaster related events and the importance of providing fast and accurate response services. We have integrated geospatial technologies into our inspection process, assessed imagery during recovery operations, provided training and reach back capabilities into our cadre personnel to offer Subject Matter Experts, former FEMA decision makers, who are knowledgeable in each of the Emergency Support Functions.

URS is the largest A/E firm in the U.S. and will provide the latest in industry best practices. URS professionals in risk assessment, codes and standards, and retrofit design provide expert support for development of scopes of work, costs estimates, and mitigation proposals in flood and wind zones.

Program Improvements under NISTAC Contract	Benefits to NJ
Initial development of Cost Estimating Format, support for expert panel review, instruction	Improved estimating process, consistency, and accuracy
Implemented master planning approach for reconstruction of system-wide facilities	Systematic, forward-looking approach to maximize use of funds
Developed protocols for reach-back capabilities to expand expert support for field operations	Increased access to technical experts at reduced cost
Developed alternative / programmatic arrangements for environmental compliance	Streamlined project approval while ensuring compliance

REFERENCES	
Reference 1	Reference 2
<p>Eddie Murphy COTR Federal Center Plaza, Washington, DC (202) 646-2948 Eddie.Murphy@fema.dhs.gov</p>	<p>James Walke Risk Reduction Division Director 1800 S. Bell Street, Arlington, VA 22002 (202) 646-2751 James.Walke@fema.dhs.gov</p>

Hazard Mitigation Technical Assistance Program (HMTAP)

Nationwide

OVERVIEW OF SERVICES

Under consecutive \$50M, \$95M, \$95M, and \$150M ID/IQ A/E HMTAP contracts, URS and its team provided pre- and post-disaster engineering, planning, environmental, and programmatic assistance for FEMA's mitigation programs for floods, hurricanes, earthquakes, wildfires, ice storms, tornadoes, tsunamis, terrorist attacks, and other incidents in all ten FEMA Regions. Under these contracts, we have provided support to FEMA, states, and communities on more than 200 disaster declarations through 1,025+ task order (TO) assignments. Major events included the 2004 Hurricanes; Hurricanes Katrina and Rita; Northridge and Nisqually Earthquakes; Midwest and Red River of the North flooding; the World Trade Center attacks; 2003 Southern California wildfires; Hurricanes Isabel, Ike, Gustav, Georges, Marilyn, Opal, Floyd, and Fran; and Tropical Storm Allison.

Program Management: We developed the Web-based HMTAP "Dashboard" to provide URS program managers and FEMA project monitors with: an effective means for exchanging status reports, financial data, customer feedback, support documentation, and training; a library for deliverables; streamlined service; and enhanced partnering.

Technical/Programmatic Evaluations: URS provided FEMA with management and technical support for annual PDM grant application reviews, including continual improvement of electronic review and processing systems. Reviewed projects through each grant cycle for feasibility, cost effectiveness, and environmental compliance. The results of our reviews withstood detailed review by Grants Management and the Office of Management and Budget.

SUPPORT TO STATE & LOCAL

Programmatic Planning and Support: Following hurricanes Katrina and Rita, URS provided programmatic, technical, and operations support to the Gulf Coast Recovery Office (GCRO). URS assisted the GCRO in strategic planning at the Recovery Office level and at all four Transitional Recovery Offices (TROs). URS staff interviewed senior GCRO and TRO staff to identify mission critical goals, objectives, and strategies for implementation.

URS provided a wide range of other programmatic services under this contract, including development and maintenance of daily and weekly Gulf-wide and TRO specific reporting metrics. The program focused on critical requirements for mitigation, environmental and historic preservation, public assistance, and individual assistance. URS coordinated reporting efforts among the four TROs, Louisiana, Mississippi, Alabama, and Texas; assessed recovery trends; and provided analysis and senior level briefings for FEMA Gulf Coast leadership.

PROJECT RELEVANCE

- Program Management
- Technical Assistance
- Developed and Refined Benefit Cost Analysis
- Delivery of EHP Technical Assistance to Locals
- Planning and Economics
- Long Term Recovery

PROJECT OWNER

- FEMA

CONTRACT NUMBER(S)

- HSFEHQ-09-D-1130

TYPE OF CONTRACT

- IDIQ

PROJECT DURATION

Start: 1995

Close: Ongoing

OTHER FIRMS INVOLVED

- Vissering Consulting Group, Inc.

CONTRACT VALUE

- \$390M (4 contracts)

URS supported the GCRO IA Global Report, a weekly Excel-based report used to track individuals and households in the FEMA IA housing program in Alabama, Louisiana, Mississippi and Texas. These reports tracked the movement from FEMA-provided temporary housing units through hotels, rental housing, and ultimately, to permanent housing. The Public Assistance Global Report was a weekly report used to track progress of impacted jurisdictions and the infrastructure projects that were underway. These reports tracked the movement of projects (through project worksheets) in critical sectors including healthcare, education, law, transportation, utilities, etc. The reports identified key issues occurring in the program area, impact to program delivery, proposed action, and final resolution. Additional metrics for debris monitoring and structural demolition were developed and tracked for Mississippi and Louisiana. Funding trends for the public assistance program were developed and analyzed on a county/parish/applicant level. Mitigation metrics were included in the PA Global Reports, quantifying the number of opportunities for 406 mitigation as well as amount of 406 mitigation funding dispersed to date. Each TRO provided data on a weekly basis, from which URS performed trend analyzes in order to chart the progress within key factor areas identified by senior management. These reports were delivered by URS to the director of the GCRO and further disseminated to FEMA Senior staff.

URS provided environmental/historic preservation technical assistance for projects submitted to FEMA under the Alternative Housing Pilot Program (AHPP) in Alabama, Mississippi, Louisiana, and Texas for compliance with the National Environmental Policy Act (NEPA) and applicable environmental laws and executive orders.

BENEFIT TO NEW JERSEY

URS has a long history of supporting New Jersey under the HMTAP contract. Dating back to Hurricane Gloria in 1985, URS has supported FEMA in staffing Joint Field Offices, recording high water marks, implementing Joint Explanatory Statement projects, and facilitating resident access to FEMA grant dollars through numerous helplines and outreach material development.

We will bring the local knowledge gained through direct support to New Jersey and communities and integrate it with our GCRO recovery expertise.

Further, URS continues to enhance existing, and develop new systems to facilitate continuous improvement of the management process of all of our contracts. We have demonstrated an excellent ability to track task orders and performance, provide high-quality, on-time services and products to our clients. URS completed task order assignments 15 percent under budget on average, using more than 70 subcontractors and consultants, resulting in a savings of over \$25M to the client. As these management systems and procedures already exist and can be readily applied to this procurement, the DCA can rest assured they have a consultant with the capabilities to manage this program without adding additional burden to the agency.

REFERENCES	
Reference 1	Reference 2
<p>John Ketchum Federal Preservation Officer at FEMA 1800 S. Bell Street, Arlington, VA (202) 646-3271 J. Ketchum@fema.dhs.gov</p>	<p>Gina White 1800 S. Bell Street, Arlington, VA (202) 346-3906 G.White@fema.dhs.gov</p>





Tab 8 – Additional Experience of Bidder



8.0 ADDITIONAL EXPERIENCE OF BIDDER

URS has the most comprehensive experience with HUD CDBG-DR programs with a proven history of outstanding performance on two of the largest disaster recovery housing programs ever funded. The comprehensive services URS provided to previous projects extends from policy and program development in the early or pre-funding stage, all the way through environmental and historic preservation reviews, to construction and closeout of the projects. As our project summaries attest, our work for the Mississippi Development Authority (MDA) after Hurricane Katrina and the Texas General Land Office (GLO) after Hurricane Ike demonstrates our history of successful performance. URS helped pioneer these programs as we implemented new regulations and policies being developed to govern the program while simultaneously executing the task orders. We were at the forefront working directly with our clients and HUD to codify solutions that work not only in theory, but on the ground during project implementation.

Our national contracts with FEMA for Public Assistance, Individual Assistance, and Hazard Mitigation, along with our expertise in leveraging private capital sources, serve our clients well. URS brings together our expertise across programs to align recovery needs with optimal funding sources. Our ability to administer a comprehensive housing program management process, as proven by our successful experience with other CDBG-DR programs, provides the New Jersey Department of Environmental Protection (DEP) assurance of our ability to coordinate effectively with State and Federal agencies, and other stakeholders to facilitate understanding and program participation.

URS also brings together the best EHP expertise available within the consulting industry for HUD CDBG-DR programs. The resources we bring are only enhanced by the depth of experience they possess. Our project experience summaries provide the DEP with an in-depth look at how our team has performed and assurance that we can service the full spectrum of duties required under this program.

Table 8.1 demonstrates our experience in managing, overseeing, and performing all of the elements outlined in Tab 8 of the RFQ. As the table shows, we have successfully managed and performed all of the different elements as part of our support of HUD CDBG-DR and FEMA programs following large-scale disasters.

Table 8.1: The URS Team Meets or Exceeds all Additional Experience Requirements

REQUIREMENT	PROJECTS DEMONSTRATING EXPERIENCE	HIGHLIGHTS
<i>8a) Knowledge of NEPA requirements, 24 CFR Part 58; 24 CFR, Part 55 and other Federal laws and authorities</i>	<ul style="list-style-type: none"> Hurricane Katrina HUD CDBG-DR Housing Program (MDA) Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) Hurricane Ike/Dolly HUD CDBG-DR Housing Program, Round 2 FEMA Public Assistance Technical Assistance Contract (PA-TAC) FEMA Hazard Mitigation Technical Assistance Program (HMTAP) FEMA Individual Assistance – Technical Assistance Contract (IA-TAC III) 	<ul style="list-style-type: none"> URS performed extensive EHP reviews under NEPA, NHPA, Endangered Species Act, and all other Federal regulations as outlined on page 45 of the RFQ in support of CDBG-DR programs in MS and TX. URS has performed over 1,000 Environmental Assessments in accordance with HUD and NEPA requirements, the vast majority of which were for single and multi-family housing projects. URS has performed thousands of EHP reviews under NEPA, NHPA, Endangered Species Act, and all other Federal regulations as outlined on page 45 of the RFQ for FEMA as part of the PA-TAC, HMTAP, and IA-TAC III programs.

REQUIREMENT	PROJECTS DEMONSTRATING EXPERIENCE	HIGHLIGHTS
<p><i>8b) Experience in working with Federal, state or local governments in the area of environmental reviews for HUD projects and FEMA compliance reviews</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 • FEMA Public Assistance Technical Assistance Contract (PA-TAC) • FEMA Hazard Mitigation Technical Assistance Program (HMTAP) • FEMA Individual Assistance – Technical Assistance Contract (IA-TAC III) 	<ul style="list-style-type: none"> • URS has comprehensive experience with HUD CDBG-DR programs with a proven history of outstanding performance on two of the largest disaster recovery housing programs ever funded. • Many processes and procedures developed by URS for CDBG-DR programs are now considered best practices by HUD. • URS has supported FEMA for all major recovery programs, including Public Assistance (PA-TAC), Individual Assistance (Housing Inspections and IA-TAC), and Mitigation (HMTAP and HMA) in the majority of U.S. states and territories. • URS has a longstanding history of supporting NJ communities with mitigation planning through local contracts as well as through FEMA Region II.
<p><i>8c) Years of experience with HUD Environmental Review Records for governmental agencies</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 	<ul style="list-style-type: none"> • URS has performed over 10,000 Tier II environmental inspections over the last seven years with prepared HUD Environmental Review Records for CDBG programs for Hurricanes Katrina, Ike, and Dolly.
<p><i>8d) Experience in completing at least twenty (20) HUD Environmental Review Records in the past five years</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 	<ul style="list-style-type: none"> • As of June 2013, URS has successfully completed over 10,000 Tiered HUD Environmental Review Records as part of ongoing CDBG-DR disaster recovery programs in MS and TX that began in 2008. We have also concluded over 50 non-Tiered Environmental Assessments as part of those programs.
<p><i>8e) Experience producing professional quality environmental reports, including GIS-based maps. s</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 • FEMA Public Assistance Technical Assistance Contract (PA-TAC) • FEMA Hazard Mitigation Technical Assistance Program (HMTAP) 	<ul style="list-style-type: none"> • For all of our CDBG-DR Housing Programs in MS and TX, URS has produced comprehensive yet streamlined environmental reports that have passed regulatory review and numerous HUD audits. These incorporate digital templates that automate the production of high quality aerial and topographic for each review topic in our reports, automated through a script that accesses our GIS data layers to ensure consistency. • As part of PA-TAC and HMTAP, URS has produced hundreds, if not thousands, of technical environmental reports for

REQUIREMENT	PROJECTS DEMONSTRATING EXPERIENCE	HIGHLIGHTS
		<ul style="list-style-type: none"> regulatory review by states in all ten FEMA regions. URS has an established Internal Technical Review (ITR) system to ensure that all draft and final client deliverables, including reports and GIS/graphical output, undergo strict quality control measures that are performed by technical experts. These processes are used to attest that our reports meet professional standards and all necessary regulatory requirements
<p><i>8f) Experience performing environmental assessments or cultural resources surveys using state of the art equipment.</i></p>	<ul style="list-style-type: none"> Hurricane Katrina CDBG-DR Housing Program (MDA) Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 	<ul style="list-style-type: none"> URS supports Disaster Recovery Programs through our innovative EMsoURSe program, URS uses tablet GIS data collectors to integrate GIS environmental data layers, project files, in-field data collection through electronic forms and GPS, and two-way on-line updating of office and field databases for environmental and cultural resource data collection and management. URS has successfully utilized mobile and wireless data collection platforms for the MDA Hurricane Katrina CDBG-DR Housing Program in MS as well as the Hurricane Ike/Dolly CDBG-DR Housing Programs in TX.
<p><i>8g) Experience using web-based tools to conduct and document HUD 24 CFR Part 58 and 24 CFR Part 55 and FEMA 44 CFR Part 10 reviews.</i></p>	<ul style="list-style-type: none"> Hurricane Katrina CDBG-DR Housing Program (MDA) Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 FEMA Public Assistance Technical Assistance Contract (PA-TAC) FEMA Hazard Mitigation Technical Assistance Program (HMTAP) 	<ul style="list-style-type: none"> URS developed a specialized web-based disaster recovery application review and storage system for the MDA Hurricane Katrina CDBG-DR Housing Program. This system to integrated URS workflow with other Program intake and processing partner companies, and was used to store and track all environmental information on each application in order to expedite its processing. URS consistently advanced the MDA web model over the past 5 years, resulting in the EMsoURSE system, with its extremely robust reporting, tracking and GIS-based mapping features. EMsoURSe has been successfully applied to the Hurricane Ike and Dolly CDBG-DR Housing Programs in TX. EMsoURSe is a database with an integrated web system overlay that allows for the storage of all application-specific information including application intake

REQUIREMENT	PROJECTS DEMONSTRATING EXPERIENCE	HIGHLIGHTS
<p><i>8h) Integrating Web-based data entry with GIS mapping and field data collection and potential updating online and field-based data entry tools, databases, and forms</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 • Housing Inspection Services 	<ul style="list-style-type: none"> • and status, photographs documenting damage to a structure, a log system for assessing application progress and review topic scheduling, and field collected data. • URS utilized mobile data collection platforms for the MDA Hurricane Katrina CDBG-DR Housing Program as well as the Hurricane Ike Housing Program Round 1 and the Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2. • EMsoURSe is a database with a Web system overlay that makes use of mobile platforms that contain GIS layers and are integrated with GPS, digital cameras, and forms for electronic data collection and entry; Wi-Fi and ethernet connections allow for two-way data transfer between the project database and field crews. • URS and its JV partners completed over 57,000 housing inspections using mobile data collection for a deployed staff of over 540 disaster housing inspectors in New Jersey following Hurricane Sandy.
<p><i>8i) Capability of managing paperless environmental workflows including online preparation and review of documents and maps, and management of sub-contractors via extranet workflow software</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 • Housing Inspection Services • FEMA Public Assistance Technical Assistance Contract (PA-TAC) 	<ul style="list-style-type: none"> • URS developed information management systems recognized by HUD as a best practice for CDBG-DR, tested and proven on large-scale CDBG-DR programs in MS and TX • The EMsoURSe database system houses environmental determination and all back up documentation. This allows for the documentation of every step performed during the entire review process for each application from the time it enters our population until the final ERR is submitted. This also provides visibility to every team member no matter where they are located, to the DEP, to teaming partners and to HUD. <p>Our paperless data collection and environmental review process is well organized and efficient, meets all the requirements of 24 CFR Parts 55 and 58, has been HUD audited and approved, utilizes the best available technology, and provides enduring products, building the foundation for rapid disaster recovery.</p>

REQUIREMENT	PROJECTS DEMONSTRATING EXPERIENCE	HIGHLIGHTS
		<ul style="list-style-type: none"> • Digital data management systems are an integral part of the URS Housing Inspection Services, allowing for the synchronized deployment of thousands of inspectors on individual disasters. • URS uses a web-based program management tool for its FEMA PA-TAC to expedite project tracking and monthly reporting.
<p>8j) Proof of previous experience in writing Environmental Review Records</p>	<ul style="list-style-type: none"> • Two ERRs for CEST (Categorically Excluded Subject to 58.5) <ul style="list-style-type: none"> ○ ERR CATEX Texas (this is a Tier II review in the Lower Rio Grande Valley in Texas) ○ ERR CATEX Mississippi (this is an electronic Tier II review with electronic signature for MDA – they had no hard copies and used this format accepted by HUD) • Two ERRs for CENST (Categorically Excluded Not Subject to 58.5) <ul style="list-style-type: none"> ○ ERR CATEX 58.6 No. 1 ○ ERR CATEX 58.6 No. 2 • One EA for Tiered from Texas. This one includes an 8-step process for Floodplains. <ul style="list-style-type: none"> ○ EA Tiered Texas • One EA Non-Tiered from Mississippi. <ul style="list-style-type: none"> ○ EA Non Tiered Mississippi Children • Cultural Resources ERRs (36 CFR Part 800). One for archaeology and one for architectural history. <ul style="list-style-type: none"> ○ CulRes Archaeology ○ CulRes Architectural History 	<ul style="list-style-type: none"> • we have included ERRs and EAs that we completed in Mississippi and Texas. Many of the files are large (> 25 MGs) so we have included the statutory worksheets along with the cover page and Table of Contents. We have not included the attachments or appendices. We can provide these upon request. • In addition, we completed a 58.6 for all 10,000 ERRs we prepared.
<p>8k) Proof of previous experience in completing FEMA Environmental Reviews</p>	<ul style="list-style-type: none"> • FEMA REC - Nation School Road Low Water Crossing Project, Webster County, MO • FEMA REC - Town of Union Floodwall Project, Union, NY 	<ul style="list-style-type: none"> • URS provided two completed FEMA Records of Environmental Consideration

REQUIREMENT	PROJECTS DEMONSTRATING EXPERIENCE	HIGHLIGHTS
<p><i>8l) Expertise and resources to directly enter data and upload the full ERR into the ERMS</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR 	<ul style="list-style-type: none"> • ERMS is an identical program to EMsoURSe, which URS developed and utilized for the CDBG programs we support for MDA and the Texas GLO. • URS will provide evidence of all necessary licenses, etc. following project award.
<p><i>8m) Oversight and management experienc.</i></p>	<ul style="list-style-type: none"> • Hurricane Katrina CDBG-DR Housing Program (MDA) • Hurricane Ike Housing Program Round 1 (HUD CDBG Funded) • Hurricane Ike/Dolly CDBG-DR Housing Program, Round 2 • FEMA Public Assistance Technical Assistance Contract (PA-TAC) • FEMA Hazard Mitigation Technical Assistance Program (HMTAP) 	<ul style="list-style-type: none"> • As part of the Hurricane Katrina CDBG-DR Housing Program, URS supported over \$700 million of program funding and processed over 10,000 applications for various grant programs. • URS was awarded over \$42 million in contracts for Rounds 1 and 2 of the Hurricane Ike and Dolly Housing Program for the management of • approximately \$440 million in program funding. • Under PA-TAC, URS was awarded over \$1 billion in contract value to support FEMA in post-disaster situations, which have included over 350 disasters and 1,000 project assignments, including a mobilization of over 650 individuals within 48 hours for response support following the landfall of Hurricane Katrina. • Under HMTAP, URS was awarded over \$390 million in contract funding to provide pre- and post-disaster engineering, planning, environmental, and programmatic assistance to FEMA, including the management of over 70 subcontractors and consultants.

Proof of Previous Experience 8.J -8.K

**Mississippi Development Authority
United States Department of Housing and Urban Development
Neighborhood Home Program
Site-Specific Checklist**

Harrison, Hancock, Jackson, Pearl River, Stone, George, Lamar, Forrest, and Jones Counties

This Checklist is for Categorically Excluded activities as described in the *Mississippi Development Authority/United States Department of Housing and Urban Development Alternative Housing Pilot Program, Neighborhood Home Program Unspecified Written Strategy Memorandum*. See 24 CFR Part 58.

Agency: Mississippi Development Authority / Project Application ID #: 10NH05324	
Owner's Name: [REDACTED]	
Street Address: [REDACTED]	[REDACTED]
USGS Quad Name: WAVELAND [REDACTED]	
Latitude/Longitude: 30.30790760 / -89.40377176	

Project Description: Check one:

- Proposed Action "1" - Rehabilitation or reconstruction of structure on the same parcel;
 - Intent "1" - Rehabilitation within current footprint;
 - Intent "2" - Reconstruction and/or elevation within current footprint;
- Proposed Action "2" - Rehabilitation or Reconstruction of the existing structure on the same parcel with an expanded or changed footprint or work activities outside the existing footprint; or,
- Proposed Action "3" - Reconstruction or new construction in a new location on the same parcel or on a different parcel from the existing;

Additional Action Description - as communicated to or observed/recorded by Environmental Specialist:

Duplicate Reviews:

The Proposed Action Site and the specified Proposed Action have been reviewed to determine if a previous review has been performed. It has been determined;

- The Proposed Action Site and the Proposed Action have not undergone an environmental evaluation in a previous MDA program; an **environmental evaluation is needed**.
- The Proposed Action Site has undergone an environmental evaluation in a previous MDA program, the Proposed Action since changed; an additional **environmental evaluation is needed**.
- The Proposed Action Site has undergone an environmental evaluation in a previous MDA program, the findings are over 1 year old; an additional **environmental evaluation is needed**.
- The Proposed Action Site has undergone an environmental evaluation in a previous MDA program, (insert prev app id) _____ (see attachments), a change to the environmental conditions has been identified, a **limited environmental review is needed to address the following review topics:**
- The Proposed Action Site has undergone an environmental evaluation in a previous MDA program, (insert prev app id) _____ (see attachments), and it has been determined the review meets the requirements of 24.

CFR 58.47 and **the review is complete**.

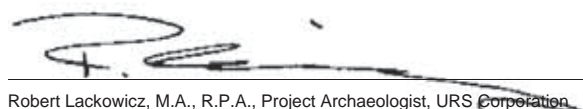
Reviewers and Approvals

CHECK ONE:

- All required environmental reviews for this Proposed Action Site and specified Proposed Action have been satisfactorily completed, and the Proposed Action Site has cleared the site-specific environmental review process.**
- This Proposed Action Site and/or Proposed Action as specified above does NOT clear the site-specific environmental review process. Comments:**



Michael J. Richardson, P.E., Senior Environmental Reviewer, URS Corporation 10/10/2011
Date



Robert Lackowicz, M.A., R.P.A., Project Archaeologist, URS Corporation 10/10/2011
Date

Nell Rogers

1/19/2012

Nell Rogers, Bureau Manager, Disaster Recovery Division, Mississippi
Development Authority

Date

- Project site is located within an Accident Potential Zone, Runway Clear Zone, or Clear Zone, and requires approval by Certifying Official. I, Nell Rogers, Certifying Official, approve this action by my or my designee's signature below.

Certifying Official

Date

SECTION I. SITE-SPECIFIC ENVIRONMENTAL AND SECTION 106 REVIEW DOCUMENTATION

A. Historic Preservation - National Historic Preservation Act, Section 106, 36 CFR Part 800, and Executive Order 11593

SECTION 1 - FINAL RESULTS OF REVIEW – [Note to reviewer: complete this section last; check box below only when completion of the subtasks listed below result in a "Review Concluded"]

- REVIEW CONCLUDED.**
 MITIGATION REQUIRED.

SECTION 2 - PROGRAMMATIC AGREEMENT REVIEW

The proposed scope of work entails:

- Interior repairs or rehabilitation only, or exterior work that is limited to painting.
- Exterior work that will be limited to the building (excluding painting).
- Exterior work that will extend more than three feet beyond the pre-Katrina building.
- Project meets requirements and/or allowances stipulated in executed 2010 Programmatic Agreement for architectural history concerns.
 - Yes, initial review indicates that there are not any historic (pre-1958 or Criterion G) above-ground properties or districts present.
REVIEW CONCLUDED.
 - No. Conduct Section 106 review in Section 3, below.
- Project meets requirements and/or allowances stipulated in executed 2010 Programmatic Agreement for archaeological concerns.
 - Yes, Proposed Action 1-1 project limited to existing building repair and rehabilitation activities within three feet of original pre-Hurricane Katrina footprint and will not involve ancillary actions that will result in new ground disturbance.
REVIEW CONCLUDED.
 - Yes, proposed construction will occur within "low" probability zone in Archaeological Sensitivity Map developed for Hancock, Harrison, Jackson and Pearl River Counties under 2008 Programmatic Agreement.
REVIEW CONCLUDED.
 - No. Conduct Section 106 review in Section 4, below.
- Proposed project was not evaluated using the provisions of the MDA Programmatic Agreement. A separate Section 106 referral was submitted to the State Historic Preservation Office and to the Native American Tribes. See Sections 3 and 4 below.

SECTION 3 - HISTORIC BUILDINGS AND STRUCTURES

- No individual historic properties or districts were identified in the project area that are 50 years or older, or meet NRHP Criterion Consideration G, or that retain historic physical integrity.
No Historic Properties Present or Affected Determination
(MDA finding/SHPO concurrence on file).
REVIEW CONCLUDED.
- Historic individual properties or districts are located within the project area but the proposed scope of work is limited only to painting or interior work on a building that is not NRHP-eligible or listed.
No Historic Properties Affected Determination
(MDA finding/SHPO concurrence on file).
Are project conditions required? Yes (See Section II) No
REVIEW CONCLUDED.
- Historic individual properties or districts are located within the project area.
Historic Properties Affected Determination (MDA finding/SHPO concurrence on file)
 - No Adverse Effect Determination**
(MDA finding/SHPO concurrence on file).

Are project conditions required? Yes (See Section II) No
REVIEW CONCLUDED.

- Adverse Effect Determination**
(MDA finding/SHPO concurrence on file).
Resolution of Adverse Effect complete? Yes No

If Yes, Memo to the file regarding how Adverse Effect addressed or MOA on file.

Are project conditions required? Yes (See Section II) No
REVIEW CONCLUDED.

- Property is a **National Historic Landmark** & National Park Service was provided early notification during the consultation process. If not, explain in comments.
MITIGATION REQUIRED.

SECTION 4 - ARCHAEOLOGICAL RESOURCES

- Project affects undisturbed ground, and/or construction of new foundation or pier structure where work would penetrate below the depth of the historic foundation or pier structure.
- Phase I field inspection found no evidence of archaeological resources being present.
No Historic Properties Present or Affected Determination.
MDA finding/SHPO/THPO concurrence or consultation on file.
REVIEW CONCLUDED.
- Archaeological resources were identified during the Phase I field inspection but did not meet the standards of a historic property as defined by the National Register Criteria for Evaluation.
No Historic Properties Present or Affected Determination
MDA finding/SHPO/THPO concurrence on file.
Are project conditions required? Yes (See Section II) No
REVIEW CONCLUDED.
- Archaeological resources were identified during the Phase I field inspection and assessed through Phase II National Register Testing and Evaluation.
National Register-listed or eligible resources are not present.
No Historic Properties Present or Affected Determination
MDA finding/SHPO/THPO concurrence on file.
Are project conditions required? Yes (See Section II) No
REVIEW CONCLUDED.
- Section 106 NRHP-listed or -eligible historic properties were identified in the project area during the Phase I and/or Phase II field investigations.
Historic Properties Affected Determination (MDA finding/SHPO concurrence on file)
- No Adverse Effect Determination**
MDA finding/ SHPO/THPO concurrence on file.
Are project conditions required? Yes (See Section II) No
REVIEW CONCLUDED.
- Adverse Effect Determination**
MDA finding/ SHPO/THPO concurrence on file.
Resolution of Adverse Effect complete? Yes No
If Yes, Memo to the file regarding how Adverse Effect addressed or MOA on file.
Are project conditions required? Yes No
REVIEW CONCLUDED.

Comments:

Correspondence/Consultation/References:

B. Floodplain Protection/E.O. 11988 -

- REVIEW CONCLUDED. (Check this box only when completion of the subtasks listed below result in a "Review Concluded").
- MITIGATION REQUIRED.
- INELIGIBLE.

Source Documents: FEMA/HUD Preliminary or Final D-FIRM.

- Proposed Action Site IS NOT located within the SFHA.
REVIEW CONCLUDED.
- Proposed Action Site is located at least partially within the SFHA.
- Dwelling itself IS NOT located within the SFHA.
REVIEW CONCLUDED.
- Dwelling itself IS located within the SFHA.
- Proposed Action Site (dwelling) is located in a FEMA-designated floodway.
STOP - SITE IS NOT ELIGIBLE FOR HUD ASSISTANCE.
- Repair/reconstruction activities qualify as "minor" improvements (SI% <50%). Flood Insurance is required (see Section II).
REVIEW CONCLUDED
- Repair/reconstruction activities qualify as "substantial" improvements (SI% is 50% or greater).
- "Substantial" repair/reconstruction/new construction improvements do not meet DFIRM or FIRM elevation requirements and/or V/VE Zone design requirements for dwellings located in a V/VE Zone or Coastal A Zone, if adopted by local municipality (attach elevation and V/VE Zone certificates or building

- permit).
- STOP** - SITE IS NOT ELIGIBLE FOR HUD ASSISTANCE.
 - "Substantial" repair/reconstruction/new construction improvements must meet all applicable DFIRM or FIRM elevation requirements and V/VE Zone design requirements for dwellings located in a V/VE Zone or Coastal A Zone, if adopted by local municipality (attach elevation and V/VE Zone certificates or building permit).
Proceed to eight-step process below.
MITIGATION REQUIRED.
 - The eight-step process as described at 24 CFR Part 55.20 has been completed through preparation of the document entitled, Documentation of Areawide Compliance Process, Executive Order 11988, Pearl River, Hancock, Harrison, Jackson, Stone, George, Lamar, Forrest, and Jones Counties, Mississippi, Mississippi Development Authority ("Areawide Compliance"). This document concludes that the program overall would not have a negative impact on floodplain density due to the extent of damage by Katrina on the affordable property market and the much smaller number of Applicants with anticipated new construction in the Program.
 - The Applicant's Proposed Action description is addressed in the Areawide Compliance.
REVIEW CONCLUDED
 - Flood Insurance and compliance with the latest (most recent) elevation requirement issued by FEMA, or its successors, pursuant to the NFIP, or a successor program, whether advisory, preliminary, or final is required. (See Section II)
 - The Applicant's Proposed Action is substantially different than that addressed in the Areawide Compliance Document. A separate eight-step process as described at 24 CFR 55.20 is required.
 - The eight-step process initiated.
 - Date of Early Public Review Notice: _____
 - Date of Notice of Policy Determination: _____
 - Date of MDA Notice of Intent/Request for Release of Funds (NOI/RRF): _____
 - Proposed Action Approved for Implementation. Date of approval: _____
REVIEW CONCLUDED.
 - Proposed Action Not Approved for Implementation.
STOP – SITE NOT ELIGIBLE FOR HUD ASSISTANCE.
 - Flood Insurance and compliance with the latest (most recent) elevation requirement issued by FEMA, or its successors, pursuant to the NFIP, or a successor program, whether advisory, preliminary, or final is required. (See Section II) *Comments: : See Documentation of Areawide Compliance Process, Executive Order 11988, Pearl River, Hancock, Harrison, Jackson, Stone, George, Lamar, Forrest, and Jones Counties, Mississippi, Mississippi Development Authority.*

Comments:

The Proposed Action Site is located within the Federal Emergency Management Agency (FEMA) designated Special Flood Hazard Area and is considered a "Substantial Improvement". Therefore, the structure is required to meet all applicable elevation and construction requirements in accordance with the National Flood Insurance Program. Elevation of the structure was and is such that there were and are no direct or indirect impacts to the Floodplain. Therefore, the structure is required to be in compliance with applicable conditions of the National Flood Insurance Program. Proof of flood insurance or insurability must be provided to the Mississippi Development Authority in order for this site to remain eligible for this program.

Correspondence/Consultation/References:

See Documentation of Areawide Compliance Process, Executive Order 11988, George, Hancock, Harrison, Jackson, Pearl River, and Stone Counties, Mississippi, Mississippi Development Authority.

C. Wetland Protection / Clean Water Act –

- REVIEW CONCLUDED.** (Check this box only when completion of both subtasks listed below result in a "Review Concluded")
- MITIGATION REQUIRED.**

Proposed Action Site is within:

- USACE Mobile District (Proceed to C1.)
USACE Vicksburg District Proposed Action 1 (Proceed to C1.)
- USACE Vicksburg District – All Proposed Action "2" or "3" applications will require finding to be approved by the USACE Vicksburg District.
 - Findings have been submitted to USACE Vicksburg District.
 - USACE Vicksburg District approved project. (See documentation)

C1. Wetland Protection (EO 11990) –

- REVIEW CONCLUDED.** (Check this box only when completion of both subtasks listed below result in a "Review Concluded")
- Proposed Action "1": project involves disturbance within existing structural footprint only. There is no potential to affect wetlands, based on the limited scope of the action.
REVIEW CONCLUDED.
- Proposed Action "2" or "3": project involves construction outside existing structural footprint or construction on new structural footprint.
 - Wetlands-trained professional has reviewed the property conditions, the initial site photos taken during preliminary site visit 6/2/2011, the NWI, and the 2006/2007 aerial photography and concluded that the Applicant's Proposed Action Site will not directly impact wetlands.
Comments: _____
REVIEW CONCLUDED.
 - Wetlands-trained professional has reviewed the property conditions, the initial site photos taken during preliminary site visit _____, the NWI, and the _____ aerial photography and concluded that potential wetlands at the Applicant's Proposed Action Site are **limited to ditches** on or adjacent to the site.
Comments: _____
REVIEW CONCLUDED.

- Wetlands-trained professional has reviewed the property conditions, the initial site photos taken during preliminary site visit _____, the NWI, and the _____ aerial photography and concluded a site visit of the Applicant's Proposed Action Site is needed.

- Based on field observations of Applicant's Proposed Action Site made during the site visit _____ a wetlands-trained professional has concluded that the Proposed Action will not directly impact wetlands.
Comments: _____
REVIEW CONCLUDED.

- Wetlands-trained professional has conducted a site visit _____ of the proposed unit location, and concluded that potentially impacted wetlands are **limited to ditches** on or adjacent to the proposed action unit location.
Comments: _____
REVIEW CONCLUDED.

- Wetlands-trained professional has conducted a site visit _____ of the proposed Action Site, and concluded that potential wetlands are limited to ditches on or adjacent to the site.
Comments: _____
MITIGATION REQUIRED.

- A trained Wetland Specialist has reviewed the site and determined that the site appears to have wetlands as defined by EO 11990 only.
 - Applicant has been consulted regarding practicable alternatives **to avoid** and/or minimize the potential adverse impact on wetlands.
 - Applicant has consulted with a wetlands-trained professional; Wetlands Professional has reviewed new site design and determined that the Proposed Action **WILL NOT** impact associated wetlands.
REVIEW CONCLUDED.
 - Applicant's Proposed action has not been redesigned, Proposed Action in its current location **MAY** impact wetlands as defined by EO 11990.
 - Applicant has **not** identified a practicable alternative to directly impacting wetlands.
 - 8-Step Process Initiated during the Early Public Review Process on _____
 - 8-Step Process continued – Actions to avoid or minimize wetlands impacts have been considered. (See attached 8-STEP)
 - Identification and evaluation of alternatives to disturbing wetlands have been considered. (See attached 8-STEP)
 - Actions to avoid or minimize wetlands impacts have been considered and the alternatives have been reevaluated. (See attached 8-STEP)
REVIEW CONCLUDED.

- A trained Wetland Specialist has reviewed the site and determined that the site appears to have USACE Jurisdictional Wetlands and EO 11990 Wetlands.
 - Applicant has been consulted regarding practicable alternatives **to avoid** and/or minimize the potential adverse impact on wetlands
 - Applicant has consulted with a wetlands-trained professional; Wetlands Professional has reviewed new site design and determined that the Proposed Action **WILL NOT** impact associated wetlands.
REVIEW CONCLUDED.
 - Applicant has been consulted regarding USACE permitting process to address site conditions to avoid and/or minimize the potential adverse impact on wetlands (NWP/404 Permit).
 - Identification and evaluation of alternatives to locating in wetlands have been considered. (See attached 8-STEP)
 - 8-Step Process Initiated during the Early Public Review Process on _____
 - 8-Step Process continued – Actions to avoid or minimize wetlands impacts have been considered. (see attached 8-STEP)
 - Actions to avoid or minimize wetlands impacts have been considered and the alternatives have been reevaluated. (see attached 8-STEP)
 - USACE has approved the proposed action.
Comments: _____
 - USACE has denied the proposed action.
Comments: _____
STOP ALL WORK.

C2. Clean Water Act -

- REVIEW CONCLUDED. (Check this box only when completion of both subtasks listed below result in a "Review Concluded")

- Proposed Action "1": project involves disturbance within existing structural footprint only. There is no potential to affect to Waters of the United States, based on the limited scope of the action.
REVIEW CONCLUDED.

Proposed Action "2" or "3": project involves construction outside existing structural footprint or construction on new structural footprint.

- Wetlands-trained professional has reviewed the property conditions, the initial site photos taken during the preliminary site visit 6/2/11, the NWI, and the aerial photography and concluded that the Applicant's Proposed Action Site does not contain Waters of the United States.
Comments: _____
REVIEW CONCLUDED.
- Wetlands-trained professional has reviewed the property conditions, the initial site photos taken during the preliminary site visit _____, the NWI, and the aerial photography and concluded potentially affected Waters of the United States at the Applicant's Proposed Action Site **are limited to ditches** on or adjacent to the site.
Comments: _____
REVIEW CONCLUDED.
- Wetlands-trained professional has reviewed the property conditions, the initial site photos taken during the preliminary site visit _____, the NWI, and the aerial photography and concluded a site visit of the Applicant's Proposed Action Site is needed.
- Based on field observations of Applicant's Proposed Action Site made during a site visit _____, a wetlands-trained professional has concluded that the Proposed Action Site does **not** contain Waters of the United States.
Comments: _____
REVIEW CONCLUDED.
- Wetlands-trained professional has conducted a site visit _____, of the Applicant's Proposed Action Site, and concluded that potentially affected Waters of the United States **are limited to ditches** on or adjacent to the site.
Comments: _____
REVIEW CONCLUDED.
- Based on field observations of Applicant's Proposed Action Site on _____, a wetlands trained professional has concluded that the Proposed Action Site **does** contain Waters of the United States.
Comments: _____
MITIGATION REQUIRED.
- Applicant has been consulted regarding practicable alternatives to avoid and/or minimize the potential adverse impact to Waters of the United States.
 - Applicant has redesigned project and/or chosen a new construction location that will **avoid** direct impact to Waters of the United States.
REVIEW CONCLUDED.
 - Applicant has **not** identified a practicable alternative to directly impacting wetlands.
 - 8-Step Process Initiated during the Early Public Review Process on _____
 - 8-Step Process continued – Actions to avoid or minimize wetlands impacts have been considered. (See attached 8-STEP)
 - Identification and evaluation of alternatives to disturbing Waters of the United States have been considered. (See attached 8-STEP)
 - Actions to avoid or minimize impacts to Waters of the United States have been considered, and the alternatives have been reevaluated. (See attached 8-STEP)
REVIEW CONCLUDED.
- Applicant has been consulted regarding USACE permitting process to address site conditions to avoid and/or minimize the potential adverse impact on Waters of the United States (NWP/404 Permit).
 - Identification and evaluation of alternatives to locating in Waters of the United States have been considered. (See attached 8-STEP)
 - Actions to avoid or minimize impacts to Waters of the United States have been considered, and the alternatives have been reevaluated. (See attached 8-STEP)
 - USACE has approved the proposed action.
Comments: _____
REVIEW CONCLUDED.
 - USACE has denied the proposed action.
Comments: _____
STOP ALL WORK.

Comments:

Based on a review of site photos from right-of-way visit on 6/2/2011, 2006/2007 High-resolution aerial photography, NWI maps, and soil maps, no impacts to wetlands and/or Waters of the U.S. are associated with the Applicant's proposed action site.

Correspondence/Consultation/References:

NWI, MARIS - MS Automated Resource Information System & USFWS & DMR,
<http://www.maris.state.ms.us/>; <http://wetlandsfws.er.usgs.gov/wtlands/launch.html>

D. Coastal Zone Management/ Coastal Barrier Resources Act -

- REVIEW CONCLUDED. - Proposed Action Site is not located within a coastal county (Harrison, Hancock, Jackson) or within or connected to a CBRA unit or otherwise protected area.
- REVIEW CONCLUDED. (Check this box only when completion of both subtasks listed below result in a "Review Concluded" for Proposed Action Sites located in Hancock, Harrison or Jackson counties)
- MITIGATION REQUIRED.

Coastal Zone 16 U.S.C. 1451 -

- REVIEW CONCLUDED. (Check this box only when completion of both subtasks listed below result in a "Review Concluded")
- Proposed Action "1": project involves disturbance within existing structural footprint only. There is no potential to affect to Coastal Wetlands, based on the limited scope of the action.
REVIEW CONCLUDED.
- Impacts to Coastal Wetlands are **NOT** associated with the Proposed Action Site.
REVIEW CONCLUDED.
- Impacts to Coastal Wetlands **ARE** associated with the Proposed Action Site.
MITIGATION – Coordination with MS Department of Marine Resources (MDMR) is required.
- 8-Step Process Initiated – Actions to avoid or minimize impacts to Coastal Wetlands have been considered. Describe the action taken.
- Second public notice and explanation have occurred. Date published: _____
- Identification and evaluation of alternatives to locating in impacts to Coastal Wetlands have been considered. Describe these alternatives _____
- Actions to avoid or minimize impacts to Coastal Wetlands have been considered, and alternatives to locating in the Coastal Zone have been reevaluated. Describe these actions: _____
- The Applicant has been notified.
- Applicant has returned response from MDMR.
- Authorization from MDMR has been granted and relevant documentation received. (Attach documentation)
REVIEW CONCLUDED.
- MDMR did not authorize project. Follow-up with Applicant is required.
- MDA to notify Applicant requesting follow-up with MDMR. Loan cannot be approved until MDMR authorizes action, or the project location is changed so that Coastal Wetlands are not impacted.

Coastal Barrier Resources Act 16 U.S.C. 3501 -

- REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a "Review Concluded").
- Proposed Action "1": project involves disturbance within existing structural footprint only. There is no potential to affect to CBRA Unit or Otherwise Protected Area, based on the limited scope of the action.
REVIEW CONCLUDED.
- Applicant Action Site is **NOT** on or connected to CBRA Unit or Otherwise Protected Area.
REVIEW CONCLUDED.
- Applicant Action Site **IS** on or connected to CBRA Unit or Otherwise Protected Area. (HUD determination/USFWS consultation on file)
- Proposed Action Site is an exception under Section 3505.a.6.
REVIEW CONCLUDED.
- Proposed Action Site not accepted under Section 3505.a.6.
Are project conditions required? YES (see section V) NO
REVIEW CONCLUDED.

Comments:

Based on a review of site photos from right-of-way visit on 6/2/2011, 2006/2007 High-resolution aerial photography, NWI maps, and soil maps, impacts to Coastal Wetlands are not associated with the Applicant's proposed action site.

Correspondence/Consultation/References:

NWI, MARIS - MS Automated Resource Information System & USFWS & DMR,
<http://www.maris.state.ms.us/>; <http://wetlandsfws.er.usgs.gov/wtInds/launch.html>

E. Endangered Species -

- REVIEW CONCLUDED. (Check this box only when completion of the subtasks listed below result in a "Review Concluded")
- MITIGATION REQUIRED.
- Proposed Action "1": project involves disturbance within existing structural footprint only. There is no potential to affect federally listed species and/or designated critical habitat, based on the limited scope of the action.
REVIEW CONCLUDED.
- Proposed Action "2" or "3": project involves construction outside existing structural footprint or construction on new structural footprint.
- Trained personnel have reviewed site conditions, and concluded that **NO** Federally listed or state-listed threatened and endangered species and/or designated critical habitat present in areas affected directly or indirectly by the proposed Action Site action.
AGENCY COORDINATION.
- USFWS correspondence sent (only for **federally listed species** and/or designated critical habitat);
Date Sent: 9/14/2011
- USFWS response received and they concur; Date: 9/15/2011
REVIEW CONCLUDED.

- USFWS response received and they DO NOT concur; consider whether Formal Consultation is required. Date of USFWS response letter: Note: MDA determination letter and USFWS concurrence must be attached to this Site-Specific Review Checklist.
Are project conditions required? YES (see section II) NO
REVIEW CONCLUDED.
- Trained personnel have reviewed site conditions, and concluded that federally listed or state-listed species and/or designated critical habitat present in the areas **affected** directly or indirectly by the Proposed Action Site.
AGENCY COORDINATION – Consultation with US Fish and Wildlife Service (USFWS) REQUIRED.
- May affect, but **not likely to adversely affect** species or designated critical habitat.
 - USFWS correspondence sent (only for **federally listed species** and/or designated critical habitat); Date Sent: _____
 - USFWS response received and they concur; Date: _____
REVIEW CONCLUDED.
 - USFWS response received and they DO NOT concur; consider whether Formal Consultation is required. Date of USFWS response letter: Note: MDA determination letter and USFWS concurrence must be attached to this Site-Specific Review Checklist.
Are project conditions required? YES (see section II) NO
REVIEW CONCLUDED.
 - MDWFP correspondence sent (only for **state-listed species** and/or designated critical habitat); Date Sent: _____
 - MDWFP response received and they concur; Date: _____
REVIEW CONCLUDED.
 - MDWFP response received and they DO NOT concur.
 - MDA and MDWFP have resolved the potential concern to state-listed species or designated critical habitat. (Attach documentation)
Are project conditions required? YES (see section II) NO
REVIEW CONCLUDED.
- Likely to adversely affect Federally listed species or designated critical habitat. (See comment box below) MDA will consult with the Applicant regarding their choice of possible alternative locations and whether the new site will have an adverse effect on federally listed species or designated critical habitat. If no suitable alternative location is available, MDA will initiate formal consultation with USFWS per 50 CFR Part 402.
- Formal consultation initiated and correspondence sent; Date Sent: _____
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
Are project conditions required? YES (see section II) NO
REVIEW CONCLUDED.
- Likely to adversely affect state-listed species or designated critical habitat. (See comment box below) MDA will consult with the Applicant regarding their choice of possible alternative locations and whether the new site will have an adverse effect on State-listed species or designated critical habitat.
 - MDA to consult with MDWFP. Date Sent: _____
 - MDA and MDWFP have resolved the potential concern to state-listed species or designated critical habitat. (Attach documentation)
Are project conditions required? YES (see section II) NO
REVIEW CONCLUDED.

Comments:
Based on a review of site photos from right-of-way visit on 6/2/2011, 2006/2007 High-resolution aerial photography, the Gopher Tortoise Soil Suitability Data, and the MS Natural Heritage Program Data of rare species, no suitable habitat for T & E species is present at the proposed action site. A letter was sent to USFWS on September 14, 2011 seeking their review of the site for potential T & E impacts. A Letter of Concurrence stating "No Effect" was returned on September 15, 2011 from the USFWS.

Correspondence/Consultation/References:
MS Natural Heritage Program 2008 CD and Gopher Tortoise Soil Suitability Data from the US Fish and Wildlife Service (USFWS 2009). September 15, 2011 Letter of Concurrence from the USFWS.

F. Farmland Protection - _____

- REVIEW CONCLUDED. (Check this box only when completion of the subtasks listed below result in a "Review Concluded")
- Parcel is located inside municipal limit - not subject to FPPA.
REVIEW CONCLUDED.
- Parcel is located outside municipal limit; subject to additional review.
 - Proposed Action is related to the renovation or replacement of existing structures or sites converted from agricultural to nonagricultural uses prior to the time of application are not subject to FPPA. Verification of previous parcel conversion is required, such as the presence of an existing residential structure on the parcel or applicant-provided information. (Describe in "comments" box below) (A date of construction alone, as obtained from the Tax Assessor, does not constitute adequate verification and coordination with NRCS is required.)
REVIEW CONCLUDED.
 - Coordination with NRCS is required.
 - Farmland Conversion Impact Rating, Form AD-1006, or other NRCS-approved documentation has been completed and submitted on Date: _____
 - NRCS has replied on Date: _____ (attach documentation)
Are conditions required? YES (describe section II) NO
REVIEW CONCLUDED.

Comments:
 Correspondence/Consultation/References:

G. HUD Environmental Standards - Hazardous, Toxic or Radioactive Materials & Substances - 24 CFR Part 58.5 [i][2][i] and [iii] -

- REVIEW CONCLUDED.** (Check this box only when completion of the subtasks listed below result in a "Review Concluded").
- MITIGATION REQUIRED.**

Note: This review is not intended to satisfy the requirements of a Phase I Environmental Site Assessment (ESA) or other Environmental Due Diligence Process as defined by the American Society of Testing and Materials (ASTM), or any of the requirements necessary to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

FINDINGS FROM LIMITED SITE OBSERVATION FROM PUBLIC RIGHT-OF-WAY (ROW):

Obvious signs of hazardous, toxic, or radioactive materials or substances were observed on the Proposed Action Site from the public right-of-way during the site visit on: 6/2/2011

- NO. YES. If "yes," describe:

FINDINGS FROM REVIEW OF REGULATORY DATABASES AND OTHER INFORMATION SOURCES:

- The Proposed Action Site has been evaluated through review of the following regulatory databases and other information sources.

Is the property encumbered with any environmental liens, based on the Applicant-signed Loan Agreement?

- NO.
- YES. If "yes," describe:
- Currently unknown. Absence of environmental liens will be verified through the Applicant's signature on the loan closing documentation.

Is the Proposed Action Site, by its address or name:	Yes / No	If yes, list sites within 3,000 feet by facility type and number of facilities (e.g., 12 MDEQ UST sites, 3 MDEQ UST/LUST sites, etc.) List name, address, type and facility ID, distance, etc. for all sites within 500 feet of the Proposed Action Site.	Source Review Document(s)/Person(s)
Listed on US EPA Superfund National Priorities List (NPL)?	No		US EPA EnviroFacts online database (http://www.epa.gov/enviro/geo_data.html); 2010
Listed on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) List?	No		US EPA EnviroFacts online database, 2010
Listed in Equivalent State list (Mississippi Department of Environmental Quality [MDEQ] CERCLA/Uncontrolled Sites File List)	No		MDEQ Groundwater Assessment and Remediation Division (GARD) online database, (http://www.deq.state.ms.us), 2010
Located within 3,000 feet of a toxic site (e.g., NPL, CERCLA, MDEQ State Hazardous Waste Site, or MDEQ underground storage tank [UST]/leaking UST [LUST])?	Yes	1 MDEQ UST/LUST is located within 3,000 feet of the Proposed Action Site. However, none of these sites are located within 500 feet of the Proposed Action Site.	US EPA EnviroFacts online database, 2010 MDEQ GARD online database, 2010 MDEQ UST and LUST databases, 2010
Located within 3,000 feet of a solid waste landfill site?	No		MDEQ Solid Waste Management online databases (http://www.deq.state.ms.us), 2010 Local regulatory/government agency (insert applicable name, if "yes")
Listed as having a registered UST?	No		MDEQ UST and LUST databases, 2010
Known or suspected to be contaminated by toxic chemicals or radioactive materials?*	No		US EPA EnviroFacts online database, 2010 MDEQ GARD online database, 2010 MDEQ UST and LUST databases, 2010 Local regulatory/government agency (insert applicable name, if "yes")

** Note: this review is not intended to identify the potential presence of toxics in building materials or equipment, such as asbestos-containing materials, lead-based paint, polychlorinated biphenyls, mercury, urea formaldehyde, formaldehyde, or from drinking water or septic system contamination.

- "No" answers were given above. Based on the limited site observations made in support of this environmental review, and review of the listed databases and information sources, the Proposed Action Site does NOT appear to be impacted by hazardous, toxic, or radioactive materials or substances where the specified hazard could affect the health and safety of occupants or conflict with the intended utilization of the site, as specified by the HUD guidance received and as described in the MDA Neighborhood Home Program Unspecified Site Strategy.
REVIEW CONCLUDED.
- One or more "yes's" were answered above.

As described above, the Proposed Action Site IS listed as a known or suspected contaminated (hazardous, toxic, or radioactive materials) site.

More information is required, such as documentation of cleanup/remediation and/or "No Further Action" letter from the USEPA or MDEQ.

Specify additional information obtained from regulatory agency:

Based on the review conducted, it does NOT currently appear that the identified hazard affects the health and safety of occupants or conflicts with the intended utilization of the property. Note that this review does not constitute a risk assessment or definitive determination of the hazard and its potential effect on health and safety of occupants or the environmental condition of the property.
REVIEW CONCLUDED.

Based on the review conducted, it DOES currently appear that the identified hazard affects the health and safety of occupants or conflicts with the intended utilization of the property. The Proposed Action Site and/or Proposed Action does NOT clear the site-specific review process.
STOP - SITE NOT ELIGIBLE FOR Neighborhood Home Program.

As described above, based on review of the MDEQ Registered UST Database, the Proposed Action Site contains a registered UST. Describe the Registered UST (size, contents, installation date, testing results, etc.):

The registered UST on the Proposed Action Site is NOT identified as a leaking UST (LUST), based on a review of MDEQ databases.
REVIEW CONCLUDED.

The registered UST on the Proposed Action Site IS identified as a LUST, based on a review of MDEQ databases.
STOP - SITE NOT ELIGIBLE FOR Neighborhood Home Program, unless the site has obtained a No Further Action status from MDEQ and the documented levels of contamination are below Federal clean-up and/or action standards, and where a hazard would not affect the health and safety of occupants or conflict with the intended utilization of the property.

As described above, based on review of regulatory databases and other information sources, the Proposed Action Site does NOT appear to be located proximate (within 500 feet) to a site of environmental concern (toxic site or solid waste landfill site).
REVIEW CONCLUDED.

As described above, based on review of regulatory databases and other information sources, the Proposed Action Site DOES appear to be located proximate (within 500 feet) to a site of environmental concern (toxic site or solid waste landfill site) that could have adversely impacted the site, and/or IS known or suspected to be contaminated by toxic chemicals or radioactive materials (see table on previous page).

Describe findings from review of local topography, inferred direction of groundwater flow, review of state regulatory files, agency inquiries, etc.:

Based on topography and/or distance of the Proposed Action Site relative to the site of environmental concern:

It does NOT appear that the Proposed Action Site is likely to have been impacted by the site of environmental concern to a degree where the hazard could affect the health and safety of occupants or conflict with the intended utilization of the property.
REVIEW CONCLUDED.

It DOES appear that the Proposed Action Site is likely to have been impacted by the site of environmental concern to a degree where the hazard could affect the health and safety of occupants or conflict with the intended utilization of the property. Additional regulatory file review to be performed.

Regulatory agency file review performed for site of environmental concern. The review indicates that the Proposed Action Site is NOT suspected or known to be contaminated by the site (attach regulatory file review documentation).
REVIEW CONCLUDED.

Regulatory agency file review performed for site of environmental concern. Results of regulatory agency file review indicate that the Proposed Action Site is KNOWN to be contaminated by the site of environmental concern. The Proposed Action Site and/or Proposed Action does NOT clear the site-specific review process.
STOP - SITE NOT ELIGIBLE FOR Neighborhood Home Program.

Regulatory agency file review performed for site of environmental concern. Results of regulatory agency file review indicate that the Proposed Action Site is SUSPECTED to be contaminated by the site of environmental concern. MDA to request additional information from the Applicant.

Information provided by Applicant documents that the Proposed Action Site is not contaminated. (attach documentation)
REVIEW CONCLUDED.

Applicant does not have documentation related to potential for contamination of the Proposed Action Site. Applicant must request a letter or finding from the State, stating that the Proposed Action Site is not contaminated or has been remediated. If Applicant provides documentation, return to the step above. If Applicant does not provide adequate documentation, STOP - SITE NOT ELIGIBLE FOR Neighborhood Home Program.

Comments:

Correspondence/Consultation/References:

H. Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature (24 CFR Part 51, Subpart C) –

REVIEW CONCLUDED. (Check this box only when completion of subtask 3 [summary of subtasks 1 and 2] listed below result in a "Review Concluded")

MITIGATION REQUIRED.

As a result of this Program Option, the number of dwelling units on the Proposed Action Site would not increase above that present on the parcel before Hurricanes Katrina, and thus the number of persons exposed to a potential explosive

or flammable hazard as defined by HUD without increase. 24 CFR Part 51, Subpart C is not applicable. This is based on:

- Proposed Action 1: The Proposed Action Site is rehabilitation or reconstruction in the current footprint with no increase in the number of units.
REVIEW CONCLUDED.
- Proposed Action 2 / Proposed Action 3: The Proposed Action Site is rehabilitation or reconstruction WITH WORK ACTIVITIES OUTSIDE THE EXISTING FOOTPRINT WITH NO INCREASE IN THE NUMBER OF UNITS.
REVIEW CONCLUDED.

Note: The review addresses aboveground containers readily observed on the exterior of buildings on a Proposed Action Site from a public roadway, or on properties within a 1 mile minimum ("surrounding sites") of a Proposed Action Site from a public roadway, unless otherwise identified by an Applicant or a regulatory agency; containers identified on a Proposed Action Site or within a 1 mile minimum of a site by a regulatory agency; and projected hazardous operations development that is identified by regulatory agencies.

(1) FINDINGS FOR PROPOSED ACTION SITE:

Obvious signs of an aboveground storage tank (AST)/container or a stationary emergency generator were observed on the Proposed Action Site from the public right-of-way during the site visit on 6/2/2011 or reported by the Applicant.

- NO. (Go to "2" and "3")
- YES. If "yes,"

Is the capacity of the AST 100 gallons or greater?

- NO. (Go to "2" and "3")
- YES.

If "yes," state the size: _____

If "yes," does the AST contain a Specific Hazardous Substance?

- NO. (Go to "2" and "3")
- YES. If "yes," state the substance (e.g. heating oil, etc.): _____

If yes, is the AST excluded from the August 24, 2008 HUD waiver to MDA for 250-gallons or less propane ASTs for residential use?

- NO. (waiver includes the AST[s]) (Go to "2" and "3")
- YES. (waiver does not include AST[s])

If "yes,"

Is the tank: diked or undiked

If the tank is diked, the size of the diked area [in square feet] is: _____

The tank contents are in a gas state liquid state

The contents are stored in pressurized container or unpressurized container

The Acceptable Separation Distance (ASD) for the AST is: _____

Is any portion of the Applicant's parcel within the ASD of the container(s)?

- NO. (at a distance greater than the ASD) (Go to "2" and "3")
- YES. (at a distance less than the ASD)

If "yes," are appropriate mitigating measures in place? Describe the mitigating measure:

- NO. PROPOSED BUILDING SITE/OUTDOOR AREAS MUST BE RELOCATED, AST MUST BE RELOCATED, OR APPROPRIATE MITIGATING MEASURE MUST BE INSTALLED AND APPLICANT MUST PROVIDE APPROPRIATE DOCUMENTATION TO MEET HUD REQUIREMENTS FOR AN APPROPRIATE MITIGATION MEASURE FOR SITE TO PASS THIS REVIEW.
- YES. If "yes," describe, and state the source: _____ APPLICANT MUST PROVIDE APPROPRIATE DOCUMENTATION TO MEET HUD REQUIREMENTS FOR AN APPROPRIATE MITIGATION MEASURE FOR SITE TO PASS THIS REVIEW. (Go to "2" and "3")

(2) FINDINGS FOR SURROUNDING (1-MILE RADIUS) PROPERTIES:

Confirmed aboveground storage tank (AST)/container(s) or a stationary emergency generator(s) containing Specific Hazardous Substances equal to or greater than 100 gallons were observed on properties surrounding the Proposed Action Site from the public right-of-way during the site visit on 7/14/2011 and/or were identified on regulatory databases and/or other information sources.

- NO. (Go to "3")
- YES. If yes, is the AST excluded from the August 24, 2008 HUD waiver to MDA for 250-gallons or less propane ASTs for residential use?
 - NO. (waiver includes the AST[s]) (Go to "3")
 - YES. If "yes," is any part of the Applicant's parcel within the ASD of the container(s)?
 - NO. (at a distance greater than the ASD) (Go to "3")
 - YES. (at a distance less than the ASD) (See Attachments for ASD Calculations)

(a) Provide the information for each AST subject to this review that has an ASD that intersects any portion of the Applicant's parcel in the below table:

URS GIS ID Number	Information Source (site visit, reg. database)	AST Capacity	HUD-Specified Hazardous Substance	State of Specific Hazardous Substance (liquid or gas)	Is Container Pressurized (yes/no)	Is AST Diked and Size of Dike (sq ft)	Acceptable Separation Distance (ft)

(b) Are appropriate mitigation measures in place?

- NO. PROPOSED BUILDING SITE/OUTDOOR AREAS MUST BE RELOCATED, AST MUST BE RELOCATED, OR APPROPRIATE MITIGATING MEASURE MUST BE INSTALLED AND APPLICANT MUST PROVIDE APPROPRIATE DOCUMENTATION TO MEET HUD REQUIREMENTS FOR AN APPROPRIATE MITIGATION MEASURE FOR SITE TO PASS THIS REVIEW.

(3) FINDINGS SUMMARY:

- Based on the above reviews, no ASTs containing a Specific Hazardous Substance and subject to this review were observed or reported on the Proposed Action Site and the Surrounding Sites (1 mile from the Proposed Action Site).
REVIEW CONCLUDED.
- Based on the above reviews regarding the findings for the Proposed Action Site and the Surrounding Sites, the Proposed Action Site is located at a distance **greater than** the ASD for the identified ASTs or appropriate mitigating measures are in place.
REVIEW CONCLUDED.
- Based on the above reviews regarding the findings for the Proposed Action Site and the Surrounding Sites, the Proposed Action Site IS located at a distance that is less than the ASD for the identified ASTs and appropriate mitigating measures ARE in place.
REVIEW CONCLUDED.
- Based on the above reviews regarding the findings for the Proposed Action Site and the Surrounding Sites, the Proposed Action Site IS located at a distance that is less than the ASD for the identified ASTs and appropriate mitigating measures are not in place.
STOP - SITE DOES NOT PASS THE ENVIRONMENTAL REVIEW. PROPOSED BUILDING SITE/OUTDOOR AREAS MUST BE RELOCATED, AST MUST BE RELOCATED, OR APPROPRIATE MITIGATING MEASURE MUST BE INSTALLED AND APPLICANT MUST PROVIDE APPROPRIATE DOCUMENTATION TO MEET HUD REQUIREMENTS FOR AN APPROPRIATE MITIGATION MEASURE FOR SITE TO PASS THIS REVIEW.

Comments:
Correspondence/Consultation/References:

I. HUD Environmental Standards - Siting of HUD-Assisted Projects in Runway Clear Zones at Civil Airports and Clear Zones and Accident Potential Zones at Military Airfields (24 CFR Part 51, Subpart D) –

- REVIEW CONCLUDED.** (Check this box only when completion of the subtasks listed below result in a "Review Concluded")
- MITIGATION REQUIRED.**

- Proposed Action Site is NOT located within an Accident Potential Zone, Runway Clear Zone, or Clear Zone.
REVIEW CONCLUDED.
This conclusion is based on review of the URS GIS database of Civil and Military airport locations.
- Proposed Action Site is located within an Accident Potential Zone, Runway Clear Zone, or Clear Zone.

Name of Airport: _____
Type: Municipal Military

Type of Zone: Runway Clear Zone (Municipal) Clear Zone (Military)

- The airport operator must provide written assurance that there are no plans to purchase the land involved as part of a Runway Clear Zone or Clear Zone acquisition program.
Airport Operator Contacted Date: _____
Airport Operator Response Date: _____
 - The Airport Operator has no plans to purchase the land.
 - The Airport Operator does have plans to purchase the land**STOP – THE PROJECT MAY NOT BE APPROVED.**
- Accident Potential Zone (Military)
 - Project must be generally consistent with recommendations in Department of Defense (DoD) instructions.
 - DoD recommendations support the action.
 - DoD recommendations do not support the action.**STOP – THE PROJECT MAY NOT BE APPROVED.**

The subject action in an Accident Potential Zone, Runway Clear Zone, or Clear Zone must be approved by the Certifying Officer having approval authority for the project.
 REVIEW CONCLUDED once the Certifying Official approves the project.

Comments:
Correspondence/Consultation/References:

J. Mississippi Scenic Streams Stewardship Act –

- REVIEW CONCLUDED.** (Check this box only when completion of the subtasks listed below result in a "Review Concluded")
- Proposed Action "1": project involves disturbance within existing structural footprint only. There is no potential to affect to Waters of the United States, based on the limited scope of the action.
REVIEW CONCLUDED.
- Proposed Action "2" or "3": project involves construction outside existing structural footprint or construction on new structural footprint.
 - The Proposed Action Site is located greater than 300 Feet from a State designated Scenic Stream.
REVIEW CONCLUDED.

- The Proposed Action Site is located less than 300 Feet from a State designated Scenic Stream, but the Proposed Action does not require clearing. REVIEW CONCLUDED.
- The Proposed Action Site is located less than 300 Feet from a State designated Scenic Stream, the Proposed Action does require clearing, **and therefore project conditions are required. (See Section II)** REVIEW CONCLUDED.

Comments:

K. Lead-Based Paint

- REVIEW CONCLUDED.** (Check this box only when completion of the subtasks listed below result in a "Review Concluded")
- MITIGATION REQUIRED.**
- The project is EXEMPT from the subject HUD regulations.
 - Housing and associated structures on the Applicant's site were/will be built on/after January 1, 1978. This information is based on:
 - Tax card date of construction _____
 - Based on observations of the Applicant's parcel made from a public right-of-way on 6/2/2011 and any other onsite observations made by URS, no structures or other painted features requiring a LBP VA are present on the Applicant's parcel;
 - Based on observations of the Applicant's parcel made from a public right-of-way on _____ and any other onsite observations made by URS, a "MEMA Cottage" is the only structure observed on-site; "MEMA Cottages" are known to be constructed after January 1, 1978. No structures or other painted features requiring a LBP VA are present on the Applicant's parcel;
 - Other _____
 - Applicant has provided appropriate documentation that the property has been found to be free of lead-based paint by a certified inspector. (Attach documentation)
 - REVIEW CONCLUDED; NO ADDITIONAL REVIEW IS REQUIRED**
- The project is NOT Exempt.
 - Development of the property occurred prior to January 1, 1978; documentation of lead-free status of the property has not been provided by the Applicant.
 - Visual Assessment for deteriorated/defective paint to be performed on the property in accordance with HUD regulations by a trained and certified inspector (24 CFR Part 35, et al.).
 - Visual Assessment performed on DATE: _____
 - Visual Assessment identified no deteriorated/defective paint surfaces. (Attach documentation) REVIEW CONCLUDED.
 - Visual Assessment identified no deteriorated/defective paint surfaces that exceed *de minimis* levels. (Attach documentation) Clearance Examination is not required. REVIEW CONCLUDED.
 - Visual Assessment identified deteriorated/defective paint surfaces that exceed *de minimis* levels.
 - Applicant provided appropriate documentation (report prepared by a Certified EPA Lead-Based Paint Risk Assessor or Lead Paint Inspector that states the deteriorated/defective paint surfaces are not lead based) that may exempt them from treatment of defective paint surfaces. (Attach documentation)
 - Documentation is adequate. REVIEW CONCLUDED.
 - Documentation is NOT adequate.
 - MDA contracted for EPA-Certified Lead Paint Inspector to conduct XRF survey of exceeding *de minimis* deteriorated/ defective paint surfaces identified during Visual Assessment, and provide report of findings.
 - XRF Assessment performed on DATE: _____
 - XRF survey found that these deteriorated/defective paint surfaces are not lead based. (Attach documentation) MDA exempts property from paint stabilization and clearance requirements. REVIEW CONCLUDED.
 - XRF survey found that these deteriorated/defective paint surfaces are lead based. (Attach documentation) (Continue with checklist)
 - MDA notified Applicant via certified mail that paint stabilization of deteriorated /defective paint surfaces IS required at this time on DATE: _____ . MITIGATION REQUIRED.
 - MDA Contractor to perform paint stabilization and provide appropriate Clearance Examination documentation in accordance with the Lead-Based Paint Regulation Notice and Affidavit.
 - Clearance Examination documentation received. (Attach documentation)
 - Documentation is adequate. REVIEW CONCLUDED.
 - Documentation is NOT adequate: MDA to notify Applicant of additional measures to be performed.
 - Comments: _____

Applicant-provided Information: (State URS representative's name, Applicant's name, date and time of communication, and relevant information provided)

(State URS representative's name, Applicant's name, date and time of communication, and relevant information provided)

ATTACHMENTS – check all documents that are to be attached to this SSC:

- Copy of the Applicant-signed Affidavit of the Proposed Action description

Section A: Historic Preservation

- Letter to SHPO (architectural history)
- Letter to SHPO (archaeology)
- Letter Response from SHPO (architectural history)
- Letter Response from SHPO (archaeology)
- Letter Response from Tribe (archaeology)
- Architectural conditional closing requirement documentation
- Additional SHPO Correspondence
- MOA
- Estimate Of Work
- Other (define): _____

Section B: Floodplain/Floodway Management

- Building Permit
- Elevation Certificate
- Parcel Map
- Other (define): _____

Section C: Wetland Protection

- Letter to USACE
- Letter Response from USACE
- Public Notice
- Copy of Permit/Letter Approval of Nationwide Permit coverage, or Letter from USACE that a permit is not required
- Other (define): _____

Section D: Coastal Zone Management

- Letter/Correspondence to MDMR
- Letter/Correspondence Response from MDMR
- Other (define): _____

Section E: Endangered Species

- Letter to USFWS
- Letter Response from USFWS
- Letter to MDWFP
- Letter Response from MDWFP
- Notification letter sent to USFWS on September 14, 2011. Letter of concurrence received from USFWS on September 15, 2011.
- Other (define): _____

Section F: Farmland Protection

- Completed Form AD-1006 from NRCS with associated maps
- Other (describe): _____

Section G: HUD Environmental Standards – Hazardous, Toxic or Radioactive Materials & Substances

- Agency file documentation.
Specify: _____
- Other (describe): _____

Section H: HUD Environmental Standards – Explosive and Flammable Hazards

- Agency-provided documentation.
Specify: _____
- Documentation of appropriate mitigating measure
- Documentation of ASD Calculations
- Other (describe): _____

Section I: HUD Environmental Standards - Airport Hazards

- Correspondence to/from Airport Operator
- Correspondence to/from DoD
- Other (describe): _____

Section J: Wild and Scenic Rivers

- Determination documentation
- Correspondence with USFS
- Mitigation Plan
- Other (describe): _____

Section K: Lead Based Paint

- Visual Assessment
- XRF Results
- Other (describe): Tax Card

Other

- Other (describe): _____



Scott Courtright /BatonRouge/URSCorp
09/14/2011 04:06 PM

To: David_Felder@fws.gov
cc:
bcc:
Subject: Multiple Site Reviews for the MDA NHP Program

David-

I have several sites for you to look at, and evaluate for possible T&E species-

10NH03654

[REDACTED]
Summerall, MS 39482

10NH08437

[REDACTED]
Bay St. Louis, MS 39520

10NH04067

[REDACTED]
Gulfport, MS 39501

10NH02298

[REDACTED]
Hattiesburg, MS 39401

10NH07105

[REDACTED]
Moss Point, MS 39563

10NH09140

[REDACTED]
Biloxi, MS 39520

10NH05635

[REDACTED]
Petal, MS 39465

10NH02072

[REDACTED]
Kiln, MS 39556

10NH07703

[REDACTED]
Gulfport, MS 39501

10NH07130

[REDACTED]
Pascagoula, MS 39567

10NH01019

[REDACTED]
Hattiesburg, MS 39401

10NH10516

[REDACTED]
Pass Christian, MS 39571

10NH00537

[REDACTED]
Gulfport, MS 39503

10NH05324

[REDACTED]
Bay St. Louis, MS 39520

10NH02117

[REDACTED]
Moss Point, MS 39563

10NH14491

[REDACTED]
Bay St. Louis, MS 39520

10NH01513

[REDACTED]
Gulfport, MS 39501

10NH00283

[REDACTED]
Bay St. Louis, MS 39520

10NH07848

[REDACTED]
Saucier, MS 39574

10NH06980

[REDACTED]
Saucier, MS 39574

10NH06420

[REDACTED]
Moss Point, MS 39563

Proposed scope of work for all of these sites is the same and will involve reconstruction or new construction in a new location on the same parcel or on a different parcel from the existing structure (some sort of expansion of the footprint). A Qualified Wetland Scientist and a Qualified Biologist reviewed the site and the site conditions and concluded that there are no identified wetlands on the site and no possibility of Critical Habitat for T&E Species and no T&E Species on these sites. I predict no impacts directly or indirectly to any T&E Wildlife, however, I need for your agency to review the site and issue your findings.

A letter of concurrence is needed to clear these sites and move this project forward.

Thanks

Scott Courtright
Senior Biologist
URS Corporation
7389 Florida Blvd. Ste 300
Baton Rouge, LA 70806
225.922.5700 Office
225.388.3942 Direct
225.922.5701 Fax
225.303.8287 Mobile

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United States Department of the Interior



FISH AND WILDLIFE SERVICE

Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, Mississippi 39213

September 15, 2011

Mr. Scott Courtright
URS Corporation
7389 Florida Blvd, Ste 300
Baton Rouge, Louisiana 70806

Dear Mr. Courtright:

The Fish and Wildlife Service (Service) has reviewed the information in your letters dated September 14 and 15, 2011, regarding multiple site reviews for the Mississippi Development Authority Neighborhood Home Program. The scope of work for these proposed projects includes some form of expansion of the original home footprint, including home reconstruction, new construction in a new location on the same parcel, or new construction on a different parcel from the existing structure. Our comments are submitted in accordance with the Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

The proposed projects include:

10NH03654 [REDACTED] Sumrall, MS 39482	10NH08437 [REDACTED] Bay St. Louis 39520	10NH04067 [REDACTED] Gulfport, MS 39501
10NH02298 [REDACTED] Hattiesburg, MS 39401	10NH07105 [REDACTED] Moss Point, MS 39563	10NH09140 [REDACTED] Biloxi, MS 39520
10NH05635 [REDACTED] Petal, MS 39465	10NH02072 [REDACTED] Kiln, MS 39556	10NH07703 [REDACTED] Gulfport, MS 39501
10NH07130 [REDACTED] Pascagoula, MS 39567	10NH01019 [REDACTED] Hattiesburg, MS 39401	10NH10516 [REDACTED] Pass Christian, MS 39571
10NH00537 [REDACTED] Gulfport, MS 39503	10NH05324 [REDACTED] Bay St. Louis, MS 39520	10NH02117 [REDACTED] Moss Point, MS 39563
10NH14491 [REDACTED] Bay St. Louis, MS 39520	10NH07848 [REDACTED] Saucier, MS 39574	10NH01513 [REDACTED] Gulfport, MS 39501
10NH06980 [REDACTED] Saucier, MS 39574	10NH00283 [REDACTED] Bay St. Louis, MS 39520	10NH06420 [REDACTED] Moss Point, MS 39563

10NH16890 [REDACTED]	10NH01732 [REDACTED]
Gulfport, MS 39506	Gautier, MS 39553

Based on the information provided in your letters, the Service has determined that the proposed projects will have "no effect" on federally listed species or their habitats. No further consultation under the ESA is required with this office unless there are changes in the scope or location of the proposed projects.

If you have any questions, please contact David Felder in our office, telephone: (601) 321-1131.

Sincerely,


for Stephen M. Ricks
Field Supervisor
MS Field Office

10NH05324

DATE PRINTED
PROPERTY RECORD CARD
 2/27/2011

OWNER NAME AND MAILING ADDRESS
 [REDACTED]

C MAP SEC SUB BLOCK PARCEL NO TRIM RANGE
 [REDACTED] 08 14W
 PREVIOUS TAX NO.: 38230 DIST: 3651
 PROPERTY ADDRESS
 [REDACTED]

LEGAL DESCRIPTION
 [REDACTED]

TAX YEAR: 2011
 CARD APPRAISAL SUMMARY

LAND	BUILDING	TOTAL
2000		2000

LOT SIZE ACREAGE LAND USE
 0000

LAND INFORMATION NEIGHBORHOOD CD: SLDRT 0000
 BB256 522

ROADS	UTILITIES	ZONE	QUANTITY	TYPE	Description	SIZE	UNIT PRICE	DEPTH FACTOR	CORNER FACTOR	PRICE PER FRONT FOOT	APPRaised VALUE
RL	L						2000				2000

Bldg. No.	TYPE STRUCTURE	NUMBER OF ROOMS APARTMENTS	FOUNDATION	CLASS	SCALE	BUILDING INFORMATION			ADJUSTED RATE	COST PER SQUARE FT.	REPLACEMENT COST	CONT. %	YEAR BUILT	APPRaised VALUE
						UNITS	CONST.	TOTAL						

Bldg. No.	EXTERIOR WALLS	DESCRIPTION	UNITS	Bldg. No.	ROOF TYPE	DESCRIPTION	UNITS	Bldg. No.	ROOF MATERIAL	DESCRIPTION	UNITS	Bldg. No.	FLOORS	DESCRIPTION	UNITS	Bldg. No.	EXTRA FEATURES	DESCRIPTION	VALUE
	INTERIOR WALLS				INTERIOR CEILING				PLUMBING				ELECTRICITY				ADJUSTMENTS		





August 8, 2011

Re: Neighborhood Home Program
Environmental Review – Pending Environmental Condition

We find the Proposed Action Sites (“Application ID”) and the specified Construction Intent to be in compliance with environmental requirements and recommend it for approval as an EXEMPT action in accordance with 24 CFR 58.34(a)(12). **However, the proposed action site listed was found to have an environmental condition.** We recommend that this condition be addressed during the construction phase of this program (See attachment for specific requirements). The Site Specific Checklist (available electronically for review) was completed in accordance with the Tiered Review for the Neighborhood Home Program (list of applicants attached).

ApplicationId	Construction Intent	First Name	Last Name
██████████	New/different location	██████████	██████████

Signature  Date August 8, 2011
Rob Lackowicz, M.A., R.P.A., Project Archaeologist, URS Corporation

Signature  Date August 8, 2011
Michael J. Richardson, P.E., Senior Environmental Reviewer, URS Corporation

ENVIRONMENTAL REVIEW

NEIGHBORHOOD HOME PROGRAM

APPLICANT ID [REDACTED]

[REDACTED]
BEAUMONT, MISSISSIPPI 39423

Prepared for:



Mississippi Development Authority (MDA)
501 North West Street, Suite B01
Jackson, MS 39205

April 2013



7389 Florida Boulevard
Suite 300
Baton Rouge, Louisiana 70806
(225) 922-5700

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Acronym Table

AHP	Alternative Housing Program
ASD	Acceptable Separation Distance
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
BEF	Base Flood Elevation
BMP	Best Management Practices
CDBG	Community Development Block Grant
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CPD	Community Planning and Development
DA	Department of the Army
DFIRM	Digital Flood Insurance Rate Map
DOD	Department of Defense
EA	Environmental Assessment
ECOD	Economic Development Program
EDR	Environmental Data Resources, Inc.
EGP	Elevation Grant Program
EIS	Environmental Impact Statement
EO	Executive Order
EPA	Environmental Protection Agency
ERR	Environmental Review Record
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FHBM	Flood Hazard Boundary Maps
FONSI	Finding of No Significant Impact
FOSI	Finding of Significant Impact
FPPA	Farmland Protection Policy Act
GNMA	Government National Mortgage Association
HCDF	Hancock Community Development Foundation
HOPWA	Housing Opportunities for Person with AIDS Program
HUD	U.S. Department of Housing and Urban Development
LBP	Lead Based Paint
LOMA/LOMR	Letter of Map Amendment/Letter of Map Revision
LQG	Large Quantity Generator

LTWF/LTWH	Long Term Workforce Housing
LUST	Leaking Underground Storage Tank
MBCI	Mississippi Band of Choctaw Indians
MCP	Mississippi Coastal Program
MDA	Mississippi Development Authority
MDAH	Mississippi Department of Archives and History
MDEQ	Mississippi Department of Environmental Quality
MDMR	Mississippi Department of Marine Resources
MDWFP	Mississippi Department of Wildlife, Fisheries, and Parks
MMNS	Mississippi Museum of National Science
MOA	Memorandum of Agreement
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHP	Neighborhood Home Program
NHPA	National Historic Preservation Act
NPAIS	National Plan of Integrated Airport Systems
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
NRRP	Neighborhood Rental Restoration Project
NWI	National Wetlands Inventory
PA	Programmatic Agreement
RCRA	Resource Conservation and Recovery Act
RSDE	Residential Substantial Damage Estimate
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Office
SHWS	State Hazardous Waste Site
SQG	Small Quantity Generator
SRAP	Small Rental Assistance Program
T&E	Threatened and Endangered
UDAG	Urban Development Action Grants
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
VA	Visual Assessment
XRF	X-Ray Fluorescence

Statutory Worksheet

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS
ALSO INCLUDES HUD ENVIRONMENTAL STANDARDS
AND REQUIREMENTS OF 24 CFR Sec. 58.6.

PROJECT NAME and DESCRIPTION

Name: Cherie Berry Residence Reconstruction
91930 A US Highway 98, Beaumont, Mississippi
Application ID: 10NH01994

Project Type: Reconstruction of one single family residence.

Description: The [REDACTED] [REDACTED] roject consists of the reconstruction of one single family residence located at [REDACTED] | | | [REDACTED] [REDACTED] [REDACTED] Beaumont, Mississippi (Site Location Map in Appendix A, Attachment 1). According to Perry County records, the residence was constructed in 1992. The tax parcel identification number for the property is [REDACTED] [REDACTED]. The geographic coordinates for this property are [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]. The lot is triangularly shaped approximately measuring 540 feet by 390 feet by 370 feet (1.5 acres). A legal description of the property is included in Appendix A, Attachment 2.

Reconstruction activities on the home will include removal of the current home damaged by Hurricane Katrina and installing a new manufactured home. Current photographs of the structure are included in Appendix A, Attachment 3. The project will include removal and replacement of the damaged home and removal of all debris from the site. A new manufactured home will be placed on the same parcel to include foundation, plumbing, and electrical systems as needed. The proposed project budget is \$53,993.92 (cost information in Appendix A, Attachment 4).

DIRECTIONS - Write “A” in the Status Column when the proposal, by its scope and nature, does not affect the resources under consideration; OR write “B” if the project triggers formal compliance consultation procedures with the oversight agency, or requires mitigation (see Statutory Worksheet Instructions). Compliance documentation must contain verifiable source documents and relevant base data.

This proposal is determined to be **Categorically Excluded** according to:
 24 CFR 58.35(a)(4)(i) - An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between.

Compliance Factors:

Statutes, Executive Orders and Regulations listed at 24 CFR §58.5	Status A /B	Compliance Determination & Documentation
<p>Historic Preservation [36 CFR Part 800]</p>	<p>A</p>	<p>The proposed project complies with the Section 106 requirements of the National Historic Preservation Act. The project has been evaluated within the parameters of the 2011 Programmatic Agreement and Amendment executed between the Mississippi Development Authority, Advisory Council on Historic Preservation, Mississippi Department of Archives & History and Mississippi Band of Choctaw Indians. The proposed undertaking will now involve the replacement of an existing mobile home with a new pre-manufactured building on the same parcel, but in a different location than the pre-Hurricane Katrina structural footprint. The application site was reviewed using photographs, GIS and National Register of Historic Places datasets by an architectural historian meeting Secretary of Interior professional standards. The reviewer found no evidence of historic properties being present at or near the applicant parcel (see Appendix B, Attachment 1). The application site is not located in any historic district and under Stipulation V.E.1 (b) of the Programmatic Agreement an architectural history field review was not required. As construction activities will occur outside of pre-Hurricane Katrina footprint, an archaeological field study of the applicant parcel was performed by a team of qualified archaeologists. The URS investigation did not find any archaeological artifacts or features on the assessed portion of the property. The results of the field study were submitted to the Mississippi Department of Archives & History (MDAH), whose staff concurred with the findings (see agency correspondence in Appendix B, Attachment 1).</p> <p>Source: URS Office Review Summary Form, Determination of No Historic Properties Present or Affected; 2011 Programmatic Agreement and Amendment between the Mississippi Development Authority, Advisory Council on Historic Preservation, Mississippi Department of Archives & History and Mississippi Band of Choctaw Indians</p>

<p>Floodplain Management [24 CFR 55, Executive Order 11988]</p>	<p>B</p>	<p>The project area is in Floodplain Zone A, which is part of the FEMA-designated Special Flood Hazard Area as shown on the Federal Emergency Management Agency’s Flood Insurance Rate Map, FIRM Panel 28111C0300D, effective December 16, 2011 (Appendix B, Attachment 2). The proposed project action involves removal of the current home and installation of a new manufactured home.</p> <p>The 8-step floodplain decision making process, as required in 24 CFR 55.20 has been completed for the proposed project (Appendix B, Attachment 2). A 15-day “Notice for Early Public Review of a Proposal to Support Activity in the 100-Year Floodplain” was published in The Hattiesburg American, a public news circular in Hattiesburg, on January 5, 2013. The 15-day public comment period expired on January 20, 2013 with no written public comments received. The final “Notice of Intent to Take Action in a Floodplain” as required in Step 7 of the 8-Step process was published in the Hattiesburg American, on March 22, 2013. The 7-day public comment period also expired with no written public comments received. Step 8 is implementation of the project. The ‘8-Step Process for Floodplains’ is included in Appendix B, Attachment 2.</p> <p>The Proposed Action Site is located within the Federal Emergency Management Agency (FEMA) designated Special Flood Hazard Area and is considered a “Substantial Improvement”. Therefore, the structure is required to meet all applicable elevation and construction requirements in accordance with the National Flood Insurance Program and all local floodplain ordinances. Elevation of the structure will be such that there are or will be no direct or indirect impacts to the Floodplain. Proof of flood insurance or insurability must be provided to the Mississippi Development Authority in order for this site to remain eligible for this program.</p> <p>Sources: FEMA FIRM Map (Map Panel 28111C0300D, effective December 16, 2011); 8-Step Process for Floodplains; Early Public Notice published on January 5, 2013; Final Public Notice published on March 22, 2013; 24 CFR Part 55, Executive Order 11988</p>
<p>Wetland Protection [Executive Order 11990]</p>	<p>A</p>	<p>The proposed project action is in compliance. According to correspondence from the United States Army Corps of Engineers (USACE), projects based upon work to include reconstruction in the same location on a previously developed parcel does not require a permit through the USACE (Appendix B, Attachment 3). A review of the National Wetlands Inventory indicates the potential presence of wetlands. However, this project is classified as the reconstruction of the structure in a different location on the previously developed parcel. Therefore, this project will have no direct or indirect impacts to any of these wetland areas.</p> <p>Source: National Wetlands Inventory provided by USFWS. Web. January 2, 2013 <http://www.fws.gov/wetlands/Data/WebMapServices.html>; Correspondence from the United States Army Corps of Engineers, Mobile District dated December 13, 2010</p>

<p>Coastal Zone Management Act [16 USC 1451 Sections 307(c), and (d)]</p>	<p>A</p>	<p>The proposed project action is in compliance. Mississippi’s coastal zone includes the three counties adjacent to the coast, Hancock, Harrison and Jackson. The coastal zone also encompasses the adjacent coastal waters (Appendix B, Attachment 4). This project is located in Perry County, which is not identified as a Coastal County by the Mississippi Department of Marine Resources, and will have no direct or indirect impacts to coastal wetlands or coastal habitat. According to correspondence from the Mississippi Department of Marine Resources, the Department has no objections to project, based upon work including new construction in a new footprint on a previously developed lot with no wetlands in the proposed development area, provided there are no direct or indirect impacts to coastal wetlands and no coastal program agency objects to the proposal (Appendix B, Attachment 4).</p> <p>Source: Correspondence from the Mississippi Department of Marine Resources dated November 17, 2010; State Wetland Protection: Status, Trends, & Model Approaches (2008) Appendix: State Profiles</p>
<p>Sole Source Aquifers [40 CFR 149]</p>	<p>A</p>	<p>The proposed project action is in compliance. Pursuant to Section 1424(e) of the Safe Drinking Water Act, this project has been determined to lie outside of the stream flow and recharge source zones of the Southern Hills Regional Aquifer System (the only Sole Source Aquifer System in the state of Mississippi) as designated by the Environmental Protection Agency. Project review determines there is no impact to this Sole Source Aquifer. The enclosed map in Appendix B, Attachment 5, delineates the area included in the Southern Hills Regional Aquifer System and the location of the proposed action site relative to that system.</p> <p>Source: United States Environmental Protection Agency (EPA) Region 4: Ground Water Protection, Sole Source Aquifers in the Southeast</p>
<p>Endangered Species Act [50 CFR 402]</p>	<p>A</p>	<p>The proposed project action is in compliance. The proposed action is classified as the reconstruction or new construction in a new location on the same parcel or on a different parcel from the existing. According to correspondence from the U.S. Fish and Wildlife Service (USFWS) dated January 7, 2013, the USFWS has determined that the proposed project will have “No Effect” on any federally listed threatened or endangered species or their habitat (Appendix B, Attachment 6). Therefore, no further action is required.</p> <p>Source: January 2, 2013 consultation and January 7, 2013 reply from the USFWS; Correspondence from USFWS dated November 18, 2010, Correspondence from the Mississippi Department of Wildlife, Fisheries and Parks dated November 29, 2010</p>
<p>Wild and Scenic Rivers Act [16 USC 1271 Section 7(b), and (c)]</p>	<p>A</p>	<p>The proposed action is in compliance. The proposed action would not affect a waterway Federally designated as a wild and scenic river. The only Federally designated wild and scenic river in Mississippi is a segment of Black Creek in Perry County, approximately 14 miles southwest of the project site. A map indicating the approximate location of the area designated wild and scenic compared to the approximate site location is provided in Appendix B, Attachment 7. The proposed project site will not impact the designated segment of Black Creek.</p> <p>Source: Map of Wild and Scenic Rivers; Wild and Scenic Rivers Act [Sections 7(b), and (c)]</p>

<p>Clean Air Act - [Sections 176(c), (d), and 40 CFR 6, 51, 93]</p>	<p>A</p>	<p>The proposed action is in compliance. All counties in Mississippi are currently designated as being in attainment of all National Ambient Air Quality Standards (NAAQS). Appendix B, Attachment 8 - Clean Air Act, [Sections 176(c), (d), and 40 CFR 6, 51, 93] provides documentation from the MDEQ, New Air Quality Standards and Attainment. Currently, according to MDEQ, all counties in Mississippi are designated as attainment areas for ground level ozone.</p> <p>Additionally, the proposed project scope would not create a significant stationary emission. Temporary insignificant increases in air pollutant emissions would potentially be generated by demolition and renovation activities. These air emissions would not increase air pollution concentrations above the NAAQS or contribute to an existing violation of the NAAQS.</p> <p>With regards to the State of Mississippi, it is believed that the project will cause no significant adverse ambient air quality impact based on the understanding that there will be no air emissions equipment installed without first obtaining required permits from MDEQ Permit Board. Also, there must be no building demolition or renovation activities that fail to comply with the Department's asbestos and lead-based paint control regulations. Any removal of asbestos must be accomplished in accordance with the MDEQ's asbestos control regulations.</p> <p>Source: Clean Air Act [Sections 176(c), (d), and 40 CFR Parts 6, 51, 93]</p>
<p>Farmland Protection Policy Act [7 CFR 658]</p>	<p>A</p>	<p>The proposed action site is in compliance. The action is classified as new construction in a new footprint on a previously developed lot that is not in agricultural use. According to correspondence from the Natural Resources Conservation Service, this proposed action is exempt from Farmland Policy Act assessments (Appendix B, Attachment 9). As defined in 7 CFR 658.3, "Farmland" does not include land already in or committed to urban development or water storage. Therefore, the proposed action, reconstruction of a structure on a parcel with pre-existing development, does not meet the definition of "Farmland". Additionally, assistance and actions related to the purchase, maintenance, renovation, or replacement of existing structures and sites converted prior to the time an application for assistance from a federal agency, including assistance and actions related to the construction of minor new ancillary structures (such as garages or sheds) do not involve conversion of farmland to nonagricultural uses and are exempt from the requirements of 7 CFR 658 (Appendix B, Attachment 9).</p> <p>Source: Correspondence from the Natural Resources Conservation Service dated December 9, 2010 and November 5, 2009; Farmland Protection Policy Act [7 CFR Part 658]</p>

<p>Environmental Justice [Executive Order 12898]</p>	<p>A</p>	<p>The proposed action is in compliance. The proposed project would not create adverse or significant impacts to any group, including low-income or minority groups. The proposed project provides for repairs to housing for economically disadvantaged individuals, therefore, any environmental impacts of the proposed action would be beneficial, and significant adverse effects would not occur. Furthermore, the actions would not create or aggravate an environmentally adverse impact on an existing or prospective low-income or minority population. Thus, the proposed action would not have a disproportionately adverse effect on minority and/or low-income populations.</p> <p>Source: Executive Order 12898, Section 1-101 (Appendix B, Attachment 10 - Environmental Justice [Executive Order 12898])</p>
<p>HUD ENVIRONMENTAL STANDARDS Noise Abatement and Control [24 CFR 51B]</p>	<p>A</p>	<p>The proposed action is in compliance. The HUD noise policy does not apply to the proposed action, because it is a component of an MDA emergency disaster assistance program which provides assistance that has the effect of restoring facilities substantially as they existed prior to the disaster.</p> <p>Source: 24 CFR Part 51 Subpart B, Sec. 51.101(a)(3) (Appendix B, Attachment 11 – Noise Abatement and Control [24 CFR Part 51 Subpart B])</p>
<p>Explosive and Flammable Operations [24 CFR 51C]</p>	<p>A</p>	<p>The proposed action is in compliance with 24 CFR 51C. Aboveground storage tanks have been determined to be within one mile of the proposed action site. However, the site is located at a distance greater than the acceptable separation distance for the identified tank(s). See Appendix B, Attachment 12 for information and figures.</p> <p>Source: 24 CFR Part 51 Subpart C</p>

<p>Hazardous, Toxic or Radioactive Materials & Substances [24 CFR 58.5(i)(2)]</p>	<p>A</p>	<p>The proposed action is in compliance with 24 CFR 58.5(i)(2)(i) and (iii). There are no obvious signs of hazardous, toxic, or radioactive materials and substances on the proposed action site. Environmental Data Resources, Inc. (EDR), an independent environmental database information service contracted to review these records, indicated that there are no known sites of concern located within 500 feet of the Proposed Action Site.</p> <p>There are several orphan/unmapped sites that resulted from the radius search of the Proposed Action Site. These sites have inaccurate or missing locational information in the record provided by the agency. The sites with known problems/releases that may be in the vicinity of the Proposed Action Site include four MDEQ-registered Underground Storage Tank/Leaking Underground Storage Tank (UST/LUST) sites, one U.S. EPA Comprehensive Environmental Response, Compensation and Liability Information System with No Further Action Planned (CERC-NFRAP) site, one RCRA Non Generator of Hazardous Waste (RCRA-NonGen) site, and four sites in the Debris Site Locations Listing (DEBRIS). All of the sites were determined to be more than 500 feet from the Proposed Action Site with the exception of one UST/LUST site in which an approximate location could not be determined. The EDR Site Report indicates that this facility has obtained a 'No Further Action' Status and is currently designated as inactive; therefore this facility is not expected to have any impacts on the Proposed Action Site. Based on the EDR records and topography of the area, the neighboring sites with known releases have either obtained a NFA status or are located crossgradient, downgradient, or located at a distance from the Proposed Action Site that they are not expected to have caused a Recognized Environmental Condition at the site. See EDR Radius Map Report and the EDR Site Report included in Appendix B, Attachment 13.</p> <p>Sources: Toxic Site Summary, EDR Radius Map Report, EDR Site Report, 24 CFR Part 58.5(i)(2)(i) and (iii), EDR Database (2012)</p>
<p>Airport Clear Zones and Accident Potential Zones [24 CFR 51D]</p>	<p>A</p>	<p>The proposed action is in compliance. The site is not located within an Accident Potential Zone, Runway Clear Zone, or Clear Zone and is not subject to applicable regulations. The nearest applicable Clear Zone is located at Hattiesburg-Laurel Regional Airport, located approximately 36 miles northwest of the proposed action site. The nearest applicable Accident Potential Zone is located at Hagler Army Air Field, located approximately 19 miles west-northwest of the proposed action site (Appendix B, Attachment 14).</p> <p>Source: Airport Clear Zone and Accident Potential Zone Map; National Plan of Integrated Airport Systems (NPAIS) Database. Web. July 1, 2011 <http://www.faa.gov/airports/planning_capacity/npais/reports/>; U.S. Military Aviation Database. Web. July 1, 2011 <http://www.globemaster.de/> ; 24 CFR Part 51, Subpart D</p>

Statutes, Executive Orders and Regulations listed at 24 CFR §58.6	√/X	<i>Applicability of the following requirements does not trigger the certification and release of funds procedure under this part or preclude exemption of an activity under 24 CFR 58.34(a)(12) and/or the applicability under 24 CFR 58.35(b)</i>
Flood Disaster Protection Act [Flood Insurance] [§58.6(a)]	X	<p>The proposed action site is located in a FEMA-designated Special Flood Hazard Area. Additionally, the community in which the site is located is participating in the National Flood Insurance Program (or less than one year has passed since FEMA notification of Special Flood Hazards). Therefore, flood insurance is required for participation in this program in accordance with 24 CFR 58.6(a) (Appendix B, Attachment 15). Proof of flood insurance or insurability must be provided to the Mississippi Development Authority in order for this site to remain eligible for this program.</p> <p>Source: 24 CFR Part 58.6(a)</p>
Coastal Barrier Resources Act/Coastal Barrier Improvement Act [§58.6(c)]	√	<p>The proposed action site is not located in a Coastal Barrier Resource System. The nearest Coastal Barrier component is 50 miles south-southeast of the proposed action site (Appendix B, Attachment 16). Therefore, the proposed action is in compliance with 24 CFR 58.6(c).</p> <p>Source: Coastal Barrier Resource Map; 24 CFR Part 58.6(c)</p>
Airport Runway Clear Zone or Clear Zone Disclosure [§58.6(d)]	√	<p>The proposed action site is not located within a Runway Clear Zone or Clear Zone and is not subject to 24 CFR Part 58.6, Subpart D (Appendix B, Attachment 17).</p> <p>Source: Runway Clear Zone Map; National Plan of Integrated Airport Systems (NPAIS) Database. Web. July 1, 2011 <http://www.faa.gov/airports/planning_capacity/npais/reports/>; 24 CFR Part 58.6(d)</p>
OTHER ENVIRONMENTAL STANDARDS	√/X	<i>Applicability of the following requirements does not trigger the certification and release of funds procedure under this part or preclude exemption of an activity under 24 CFR 58.34(a)(12) and/or the applicability under 24 CFR 58.35(b)</i>
HUD's Lead Safe Housing Rule Regulations [24 CFR Part 35, Subpart H, 35.720]	√	<p>The proposed action is in compliance. The proposed action is exempt from all requirements of 24 CFR Part 35 due to the following exemption at 24 CFR Part 35 Subpart B, Sec. 35.115(a): A residential property for which construction was completed on or after January 1, 1978 (Appendix B, Attachment 18).</p> <p>Sources: Perry County Property Tax Record (year built 1992); Lead Safe Housing Rule [24 CFR Part 35 Subpart H (Project Based Assistance), 35.720], Requirements of Mississippi Department of Environmental Quality's "Mississippi Commission on Environmental Quality, Regulation APC-S-9: Regulations for Lead Based Paint Activities," Adopted January 22, 1998, Amended November 20, 2003</p>

<p>Mississippi Scenic Stream Stewardship Program</p>	<p>√</p>	<p>The Mississippi Scenic Streams Stewardship Program, administered by the Mississippi Museum of Natural Science, is an outreach effort to streamside landowners along the state's best public streams and rivers. The program promotes the use of Forestry Best Management Practices (BMPs) to improve water quality and insure bank stability during timber harvest. Eleven streams have been nominated to the Mississippi Scenic Streams Stewardship Program and thereby declared as scenic streams by the Legislature. The proposed action site is approximately 12 miles from the Pascagoula River, the nearest state scenic stream; no direct or indirect impacts are anticipated as a result of the proposed project (Appendix B, Attachment 19).</p> <p>Source: Mississippi Scenic Streams Map; Mississippi Museum of Natural Science</p>
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Mitigation Measures

The site is located in the Floodplain Zone A, which is part of the FEMA-designated Special Flood Hazard Area. The 8-Step floodplain decision making process, as required in 24 CFR 55.20, has been completed for the proposed project. The Proposed Action, reconstruction of a structure within a new footprint on the same parcel, is considered a “Substantial Improvement” per 24 CFR 55.2(8)(i). The structure is required to meet all applicable elevation and construction requirements in accordance with the National Flood Insurance Program and all local floodplain ordinances. Elevation of the structure will be such that there are or will be no direct or indirect impacts to the Floodplain. Proof of flood insurance or insurability, in accordance with 24 CFR 58.6(a), must be provided to the Mississippi Development Authority in order for this site to remain eligible for this program.

DETERMINATION:

() This project converts to EXEMPT, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be committed and drawn down** for this (now) EXEMPT project; OR

(X) This project cannot convert to EXEMPT status because one or more statutes or authorities require formal consultation or mitigation. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain Authority to Use Grant Funds** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down funds; OR

() The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE:

DATE: _____

PREPARER NAME, COMPANY:

Kay Coward, Project Manager, MDA

RESPONSIBLE ENTITY AGENCY OFFICIAL / SIGNATURE:

DATE: _____

NAME, TITLE:

Jon Mabry, Certifying Officer, MDA

ENVIRONMENTAL REVIEW

NEIGHBORHOOD HOME PROGRAM

APPLICANT ID [REDACTED]

[REDACTED]
HEIDELBERG, MISSISSIPPI 39439

Prepared for:



Mississippi Development Authority (MDA)
501 North West Street, Suite B01
Jackson, MS 39205

January 2013



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Suite 300
Baton Rouge, Louisiana 70806
(225) 922-5700

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Acronym Table

AHP	Alternative Housing Program
ASD	Acceptable Separation Distance
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
BEF	Base Flood Elevation
BMP	Best Management Practices
CDBG	Community Development Block Grant
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CPD	Community Planning and Development
DA	Department of the Army
DFIRM	Digital Flood Insurance Rate Map
DOD	Department of Defense
EA	Environmental Assessment
ECOD	Economic Development Program
EDR	Environmental Data Resources, Inc.
EGP	Elevation Grant Program
EIS	Environmental Impact Statement
EO	Executive Order
EPA	Environmental Protection Agency
ERR	Environmental Review Record
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FHBM	Flood Hazard Boundary Maps
FONSI	Finding of No Significant Impact
FOSI	Finding of Significant Impact
FPPA	Farmland Protection Policy Act
GNMA	Government National Mortgage Association
HCDF	Hancock Community Development Foundation
HOPWA	Housing Opportunities for Person with AIDS Program
HUD	U.S. Department of Housing and Urban Development
LBP	Lead Based Paint
LOMA/LOMR	Letter of Map Amendment/Letter of Map Revision
LQG	Large Quantity Generator

LTWF/LTWH	Long Term Workforce Housing
LUST	Leaking Underground Storage Tank
MBCI	Mississippi Band of Choctaw Indians
MCP	Mississippi Coastal Program
MDA	Mississippi Development Authority
MDAH	Mississippi Department of Archives and History
MDEQ	Mississippi Department of Environmental Quality
MDMR	Mississippi Department of Marine Resources
MDWFP	Mississippi Department of Wildlife, Fisheries, and Parks
MMNS	Mississippi Museum of National Science
MOA	Memorandum of Agreement
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHP	Neighborhood Home Program
NHPA	National Historic Preservation Act
NPAIS	National Plan of Integrated Airport Systems
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
NRRP	Neighborhood Rental Restoration Project
NWI	National Wetlands Inventory
PA	Programmatic Agreement
RCRA	Resource Conservation and Recovery Act
RSDE	Residential Substantial Damage Estimate
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Office
SHWS	State Hazardous Waste Site
SQG	Small Quantity Generator
SRAP	Small Rental Assistance Program
T&E	Threatened and Endangered
UDAG	Urban Development Action Grants
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
VA	Visual Assessment
XRF	X-Ray Fluorescence

Statutory Worksheet

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS
ALSO INCLUDES HUD ENVIRONMENTAL STANDARDS
AND REQUIREMENTS OF 24 CFR Sec. 58.6.

PROJECT NAME and DESCRIPTION

Name: [REDACTED]

Project Type: Rehabilitation of one single family residence.

Description: The [REDACTED] | roject consists of the renovation of one single family residence located at [REDACTED] Heidelberg, Mississippi (Site Location Map in Appendix A, Attachment 1). According to Jasper County records, a date of construction was not available for the residence. The tax parcel identification number for the property is [REDACTED]. The geographic coordinates for this property are [REDACTED]. [REDACTED] The irregularly shaped parcel is approximately 1.3 acres. A legal description of the property is included in Appendix A, Attachment 2.

Rehabilitation activities on the home will be confined to the home's existing footprint. The project includes interior renovation work to repair damage resulting from Hurricane Katrina. Current photographs of the structure are included in Appendix A, Attachment 3. Planned interior renovations include replacing drywall and insulation in the dining room and kitchen as well as painting the walls and ceilings in the dining room and kitchen. The proposed project budget is \$3,700.23 (cost information in Appendix A, Attachment 4).

DIRECTIONS - Write “**A**” in the Status Column when the proposal, by its scope and nature, does not affect the resources under consideration; OR write “**B**” if the project triggers formal compliance consultation procedures with the oversight agency, or requires mitigation (see Statutory Worksheet Instructions). Compliance documentation must contain verifiable source documents and relevant base data.

This proposal is determined to be **Categorically Excluded** according to:
 24 CFR 58.35(a)(4)(i) - An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between.

Compliance Factors:

Statutes, Executive Orders and Regulations listed at 24 CFR §58.5	Status A /B	Compliance Determination & Documentation
Historic Preservation [36 CFR Part 800]	A	<p>The proposed project complies with the Section 106 requirements of the National Historic Preservation Act. The project has been evaluated within the parameters of the 2011 Programmatic Agreement and Amendment executed between the Mississippi Development Authority, Advisory Council on Historic Preservation, Mississippi Department of Archives & History and Mississippi Band of Choctaw Indians. The proposed undertaking will be limited to the pre-Hurricane Katrina structural footprint. The application site was reviewed using photographs, GIS and National Register of Historic Places datasets by an architectural historian meeting Secretary of Interior professional standards. The reviewer found no evidence of historic properties being present at or near the applicant parcel (see Appendix B, Attachment 1). The application site is not located in any historic district and under Stipulation V.E.1 (b) of the Programmatic Agreement a field review was not required. An archaeological field study of the applicant parcel also was not required under Stipulation V.D.1 of the Programmatic Agreement, which exempts undertakings that are limited to repairs of existing buildings if they are within three feet of the construction footprint that existed on August 29, 2005. This project falls into that category. See agency correspondence in Appendix B, Attachment 1.</p> <p>Source: URS Office Review Summary Form, Determination of No Historic Properties Present or Affected; 2011 Programmatic Agreement and Amendment between the Mississippi Development Authority, Advisory Council on Historic Preservation, Mississippi Department of Archives & History and Mississippi Band of Choctaw Indians</p>
Floodplain Management [24 CFR 55, Executive Order 11988]	A	<p>The proposed project action is in compliance. The site is located in a Flood Zone X, which is not part of the FEMA-designated Special Flood Hazard Area as shown on the Flood Insurance Rate Map (FIRM) effective July 4, 2011. Therefore, the proposed action is not subject to floodplain regulations. See DFIRM Floodplain Map included in Appendix B, Attachment 2.</p> <p>Source: FEMA FIRM Map (Panel Number 28061C0270D effective July 4, 2011); 24 CFR Part 55, Executive Order 11988</p>

<p>Wetland Protection [Executive Order 11990]</p>	<p>A</p>	<p>The proposed project action is in compliance. The action is classified as the repair of a structure within the same footprint as the original. Based on a review of National Wetlands Inventory maps, wetlands do not appear to be present on the applicant's parcel. Additionally, in accordance with correspondence from the United States Army Corps of Engineers, Mobile District (USACE), projects based upon work within the same footprint of existing fill and/or reconstruct or repair on an existing slab do not require a permit through the USACE (Appendix B, Attachment 3).</p> <p>Source: National Wetlands Inventory provided by USFWS. Web. January 14, 2013 <http://www.fws.gov/wetlands/Data/WebMapServices.html>; Correspondence from the United States Army Corps of Engineers, Mobile District dated December 13, 2010</p>
<p>Coastal Zone Management Act [16 USC 1451 Sections 307(c), and (d)]</p>	<p>A</p>	<p>The proposed project action is in compliance. Mississippi's coastal zone includes the three counties adjacent to the coast, Hancock, Harrison and Jackson. The coastal zone also encompasses the adjacent coastal waters (Appendix B, Attachment 4). This project is located in Jasper County, which is not identified as a Coastal County by the Mississippi Department of Marine Resources, and will have no direct or indirect impacts to coastal wetlands or coastal habitat. According to correspondence from the Mississippi Department of Marine Resources, the Department has no objections to project, based upon work within the same footprint of existing fill and/or reconstruct or repair on an existing slab, provided there are no direct or indirect impacts to coastal wetlands and no coastal program agency objects to the proposal (Appendix B, Attachment 4).</p> <p>Source: Correspondence from the Mississippi Department of Marine Resources dated November 17, 2010; State Wetland Protection: Status, Trends, & Model Approaches (2008) Appendix: State Profiles</p>
<p>Sole Source Aquifers [40 CFR 149]</p>	<p>A</p>	<p>The proposed project action is in compliance. Pursuant to Section 1424(e) of the Safe Drinking Water Act, this project has been determined to lie outside of the stream flow and recharge source zones of the Southern Hills Regional Aquifer System (the only Sole Source Aquifer System in the state of Mississippi) as designated by the Environmental Protection Agency. Project review determines there is no impact to this Sole Source Aquifer. The enclosed map in Appendix B, Attachment 5, delineates the area included in the Southern Hills Regional Aquifer System and the location of the proposed action site relative to that system.</p> <p>Source: United States Environmental Protection Agency (EPA) Region 4: Ground Water Protection, Sole Source Aquifers in the Southeast</p>

<p>Endangered Species Act [50 CFR 402]</p>	<p>A</p>	<p>The proposed project action is in compliance. The proposed action is classified as the repair of a structure within the existing footprint. According to correspondence from the U.S. Fish and Wildlife Service (USFWS) dated November 18, 2010, repair or rehabilitation of an existing structure with no expansion of the footprint of the structure will have “No Effect” on any federally listed threatened or endangered species. Additionally, the Mississippi Natural Heritage Program has concurred that any action that takes place within the same structural footprint will not affect any federally listed threatened or endangered species and/or designated critical habitat (correspondence from the Mississippi Department of Wildlife, Fisheries and Parks dated November 29, 2010 in Appendix B, Attachment 6). Therefore, no further action is required.</p> <p>Source: Correspondence from USFWS dated November 18, 2010, Correspondence from the Mississippi Department of Wildlife, Fisheries and Parks dated November 29, 2010</p>
<p>Wild and Scenic Rivers Act [16 USC 1271 Section 7(b), and (c)]</p>	<p>A</p>	<p>The proposed action is in compliance. The proposed action would not affect a waterway Federally designated as a wild and scenic river. The only Federally designated wild and scenic river in Mississippi is a segment of Black Creek in Perry County, approximately 61 miles south-southwest of the project site. A map indicating the approximate location of the area designated wild and scenic compared to the approximate site location is provided in Appendix B, Attachment 7. The proposed project site will not impact the designated segment of Black Creek.</p> <p>Source: Map of Wild and Scenic Rivers; Wild and Scenic Rivers Act [Sections 7(b), and (c)]</p>
<p>Clean Air Act - [Sections 176(c), (d), and 40 CFR 6, 51, 93]</p>	<p>A</p>	<p>The proposed action is in compliance. All counties in Mississippi are currently designated as being in attainment of all National Ambient Air Quality Standards (NAAQS). Appendix B, Attachment 8 - Clean Air Act, [Sections 176(c), (d), and 40 CFR 6, 51, 93] provides documentation from the MDEQ, New Air Quality Standards and Attainment. Currently, according to MDEQ, all counties in Mississippi are designated as attainment areas for ground level ozone.</p> <p>Additionally, the proposed project scope would not create a significant stationary emission. Temporary insignificant increases in air pollutant emissions would potentially be generated by demolition and renovation activities. These air emissions would not increase air pollution concentrations above the NAAQS or contribute to an existing violation of the NAAQS.</p> <p>With regards to the State of Mississippi, it is believed that the project will cause no significant adverse ambient air quality impact based on the understanding that there will be no air emissions equipment installed without first obtaining required permits from MDEQ Permit Board. Also, there must be no building demolition or renovation activities that fail to comply with the Department’s asbestos and lead-based paint control regulations. Any removal of asbestos must be accomplished in accordance with the MDEQ’s asbestos control regulations.</p> <p>Source: Clean Air Act [Sections 176(c), (d), and 40 CFR Parts 6, 51, 93]</p>

<p>Farmland Protection Policy Act [7 CFR 658]</p>	<p>A</p>	<p>The proposed action site is in compliance. The action is classified as the repair of a structure within the same footprint as the original. According to correspondence from the Natural Resources Conservation Service, this proposed action is exempt from Farmland Policy Act assessments (Appendix B, Attachment 9). As defined in 7 CFR 658.3, "Farmland" does not include land already in or committed to urban development or water storage. Therefore, the proposed action, renovation or improvement of a structure on a parcel with pre-existing development, does not meet the definition of "Farmland". Additionally, assistance and actions related to the purchase, maintenance, renovation, or replacement of existing structures and sites converted prior to the time an application for assistance from a federal agency, including assistance and actions related to the construction of minor new ancillary structures (such as garages or sheds) do not involve conversion of farmland to nonagricultural uses and are exempt from the requirements of 7 CFR 658 (Appendix B, Attachment 9).</p> <p>Source: Correspondence from the Natural Resources Conservation Service dated December 9, 2010 and November 5, 2009; Farmland Protection Policy Act [7 CFR Part 658]</p>
<p>Environmental Justice [Executive Order 12898]</p>	<p>A</p>	<p>The proposed action is in compliance. The proposed project would not create adverse or significant impacts to any group, including low-income or minority groups. The proposed project provides for repairs to housing for economically disadvantaged individuals, therefore, any environmental impacts of the proposed action would be beneficial, and significant adverse effects would not occur. Furthermore, the actions would not create or aggravate an environmentally adverse impact on an existing or prospective low-income or minority population. Thus, the proposed action would not have a disproportionately adverse effect on minority and/or low-income populations.</p> <p>Source: Executive Order 12898, Section 1-101 (Appendix B, Attachment 10 - Environmental Justice [Executive Order 12898])</p>
<p>HUD ENVIRONMENTAL STANDARDS Noise Abatement and Control [24 CFR 51B]</p>	<p>A</p>	<p>The proposed action is in compliance. The HUD noise policy does not apply to the proposed action, because it is a component of an MDA emergency disaster assistance program which provides assistance that has the effect of restoring facilities substantially as they existed prior to the disaster.</p> <p>Source: 24 CFR Part 51 Subpart B, Sec. 51.101(a)(3) (Appendix B, Attachment 11 – Noise Abatement and Control [24 CFR Part 51 Subpart B])</p>

<p>Explosive and Flammable Operations [24 CFR 51C]</p>	<p>A</p>	<p>The proposed action is in compliance. As a result of this proposed action, the number of dwelling units on the proposed action site would not increase. In accordance with 24 CFR 51.201, a HUD-assisted project is defined as “the development, construction, rehabilitation, modernization or conversion with HUD subsidy, grant assistance, loan, loan guarantee, or mortgage insurance, of any project which is intended for residential, institutional, recreational, commercial or industrial use. For purposes of this subpart the terms “rehabilitation” and “modernization” refer only to such repairs and renovation of a building or buildings as will result in an increased number of people being exposed to hazardous operations by increasing residential densities, converting the type of use of a building to habitation, or making a vacant building habitable.” Thus, the proposed project, repair of an existing structure, will not result in an increase in the number of persons exposed to a potential explosive or flammable hazard, as defined by HUD. Therefore, this proposed action is exempt from mitigation requirements.</p> <p>Source: 24 CFR Part 51 Subpart C</p>
<p>Hazardous, Toxic or Radioactive Materials & Substances [24 CFR 58.5(i)(2)]</p>	<p>A</p>	<p>The proposed action is in compliance with 24 CFR 58.5(i)(2)(i) and (iii). There are no obvious signs of hazardous, toxic, or radioactive materials and substances on the proposed action site. Environmental Data Resources, Inc. (EDR), an independent environmental database information service contracted to review these records, indicated that there are no known sites of concern located within 500 feet of the Proposed Action Site.</p> <p>There are several orphan/unmapped sites that resulted from the radius search of the Proposed Action Site. These sites have inaccurate or missing locational information in the record provided by the agency. The sites with known problems/releases that may be in the vicinity of the Proposed Action Site include five MDEQ-registered Underground Storage Tank/Leaking Underground Storage Tank (UST/LUST) sites, four RCRA Conditionally Exempt Small Quantity Generator (RCRA-CESQG) sites, one permitted Solid Waste Facility (SWF/LF), and six sites in the Debris Site Locations Listing (DEBRIS). All of the sites were determined to be more than 500 feet from the Proposed Action Site. Based on the EDR records and topography of the area, the neighboring sites with known releases are either located crossgradient, downgradient, or located at a distance from the Proposed Action Site that they are not expected to have caused a Recognized Environmental Condition at the site. See EDR Radius Map Report included in Appendix B, Attachment 12.</p> <p>Sources: Toxic Site Summary, EDR Radius Map Report, 24 CFR Part 58.5(i)(2)(i) and (iii), EDR Database (2012)</p>

Airport Clear Zones and Accident Potential Zones [24 CFR 51D]	A	<p>The proposed action is in compliance. The site is not located within an Accident Potential Zone, Runway Clear Zone, or Clear Zone and is not subject to applicable regulations. The nearest applicable Clear Zone and the nearest applicable Accident Potential Zone are located at Key Field Air National Guard Base, situated approximately 33 miles southwest of the proposed action site. (Appendix B, Attachment 13).</p> <p>Source: Airport Clear Zone and Accident Potential Zone Map; National Plan of Integrated Airport Systems (NPAIS) Database. Web. July 1, 2011 <http://www.faa.gov/airports/planning_capacity/npais/reports/>; U.S. Military Aviation Database. Web. July 1, 2011 <http://www.globemaster.de/>; 24 CFR Part 51, Subpart D</p>
Statutes, Executive Orders and Regulations listed at 24 CFR §58.6	√X	<i>Applicability of the following requirements does not trigger the certification and release of funds procedure under this part or preclude exemption of an activity under 24 CFR 58.34(a)(12) and/or the applicability under 24 CFR 58.35(b)</i>
Flood Disaster Protection Act [Flood Insurance] [§58.6(a)]	√	<p>The proposed action site is not located in the FEMA-designated Special Flood Hazard Area. Therefore, flood insurance is not required for participation in this program in accordance with 24 CFR 58.6(a) (Appendix B, Attachment 14).</p> <p>Source: 24 CFR Part 58.6(a)</p>
Coastal Barrier Resources Act/Coastal Barrier Improvement Act [§58.6(c)]	√	<p>The proposed action site is not located in a Coastal Barrier Resource System. The nearest Coastal Barrier component is 107 miles south-southeast of the proposed action site (Appendix B, Attachment 15). Therefore, the proposed action is in compliance with 24 CFR 58.6(c).</p> <p>Source: Coastal Barrier Resource Map; 24 CFR Part 58.6(c)</p>
Airport Runway Clear Zone or Clear Zone Disclosure [§58.6(d)]	√	<p>The proposed action site is not located within a Runway Clear Zone or Clear Zone and is not subject to 24 CFR Part 58.6, Subpart D (Appendix B, Attachment 16).</p> <p>Source: Runway Clear Zone Map; National Plan of Integrated Airport Systems (NPAIS) Database. Web. July 1, 2011 <http://www.faa.gov/airports/planning_capacity/npais/reports/>; 24 CFR Part 58.6(d)</p>

OTHER ENVIRONMENTAL STANDARDS	√/X	<i>Applicability of the following requirements does not trigger the certification and release of funds procedure under this part or preclude exemption of an activity under 24 CFR 58.34(a)(12) and/or the applicability under 24 CFR 58.35(b)</i>
HUD's Lead Safe Housing Rule Regulations [24 CFR Part 35, Subpart H, 35.720]	√	<p>The proposed action is in compliance. Based upon observations by a certified lead based paint inspector, the site has been found to be free of painted surfaces that could potentially cause a hazardous condition. The inspector's on-site visual inspection identified deteriorated/defective paint surfaces that exceed <i>de minimis</i> levels in accordance with 24 CFR 35.1350(d)(1), (2), and (3). However, an EPA-certified lead based paint inspector conducted a follow-up X-ray Fluorescence (XRF) survey of the deteriorated/defective surfaces and found that these surfaces did not contain lead. Therefore, the site is considered lead free in accordance with 24 CFR 35.115(a)(4). See attached assessment results in Appendix B, Attachment 17.</p> <p>Source: Lead Safe Housing Rule [24 CFR Part 35 Subpart H (Project Based Assistance), 35.720], Requirements of Mississippi Department of Environmental Quality's "Mississippi Commission on Environmental Quality, Regulation APC-S-9: Regulations for Lead Based Paint Activities," Adopted January 22, 1998, Amended November 20, 2003</p>
Mississippi Scenic Stream Stewardship Program	√	<p>The Mississippi Scenic Streams Stewardship Program, administered by the Mississippi Museum of Natural Science, is an outreach effort to streamside landowners along the state's best public streams and rivers. The program promotes the use of Forestry Best Management Practices (BMPs) to improve water quality and insure bank stability during timber harvest. Eleven streams have been nominated to the Mississippi Scenic Streams Stewardship Program and thereby declared as scenic streams by the Legislature. The proposed action site is approximately 22 miles from Chunky River, the nearest state scenic stream; no direct or indirect impacts are anticipated as a result of the proposed project (Appendix B, Attachment 18).</p> <p>Source: Mississippi Scenic Streams Map; Mississippi Museum of Natural Science</p>

Mitigation Measures

There are no mitigation measures or any requirement for permits for this proposed action.

DETERMINATION:

This project converts to EXEMPT, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be committed and drawn down** for this (now) EXEMPT project; OR

This project cannot convert to EXEMPT status because one or more statutes or authorities require formal consultation or mitigation. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain Authority to Use Grant Funds** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down funds; OR

The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE:

DATE: _____

PREPARER NAME, COMPANY:

Kay Coward, Project Manager, MDA

RESPONSIBLE ENTITY AGENCY OFFICIAL / SIGNATURE:

DATE: _____

NAME, TITLE:

Jon Mabry, Certifying Officer, MDA

SITE SPECIFIC CHECKLIST

City of Galveston Contract Number: 70090008

Grant Recipient: City of Galveston Grants and Housing Department
 Project Name: City of Galveston CDBG Disaster Recovery Program: Hurricane Ike Housing

Project Description (Include all actions which are either geographically or functionally related):

This project proposes to reconstruct a two-story, single-family residence that sustained damage from Hurricane Ike. The date that the residence was constructed is not available on the County Appraisal District Information document; however, it has been approximated that the home was built in 1958. The project does not propose to expand the existing footprint, as all activities would be limited to the existing footprint.

Please refer to Appendix A for location figures of the proposed project.

Location: [REDACTED]

This project is determined to be categorically excluded according to: [Cite section(s)]: N/A

Date of Publication: May 19, 2010 Date of Issuance of Authority to Use Grant Funds: July 2, 2010

The following Compliance Factors were evaluated in the Broad Review: Coastal Zone Management, Environmental Justice, Safe Drinking Water, Sole Source Aquifers, Endangered Species, Wild and Scenic Rivers, Clean Air, Farmland Protection, Airport Clear Zones and Accident Potential Zones, Conformance with Comprehensive Plans and Zoning, Compatibility and Urban Impact, Slope, Erosion, Soil Suitability, Energy Consumption, Air Quality, Visual Quality Coherence, Diversity, Compatible Use and Scale, Socioeconomic, Community Facilities and Services, Public Safety, Open Space and Recreation, Water Resources, Surface Water, Unique Natural Features and Agricultural Lands, and Vegetation and Wildlife.

Compliance Factors: Statutes, Executive Orders and Regulations listed at 24 CFR §58.5	N/A	Consultation, Review, Permits Required	Consistency Determination	Condition, Mitigation	Compliance Documentation
Historic Preservation [36 CFR Part 800]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>The proposed project is in compliance. The Texas Historical Commission (THC) concurred with the City that the existing project building was eligible for listing in the National Register of Historic Places (NRHP) as part of the NRHP-eligible Old Central historic district. As the undertaking will involve the demolition of this house and its replacement with a reconstruction project, the City of Galveston determined that the proposed project rehabilitation activities would have an Adverse Effect under Section 106 upon the historic resource. The THC concurred with this determination. The Adverse Effect has been successfully mitigated to the satisfaction of the THC, who have approved that the reconstruction design will not affect other historic properties in the district. The application property lies outside all local and conservations districts, therefore consultation with the City Landmark Commission was not required. The proposed work also will not intersect a known archaeological site. No further consultation with SHPO and the City is required for this undertaking under Section 106 of the National Historic Preservation Act, provided these conditions are met.</p> <p>Source: Letter from the Texas Historical Commission, dated May 30, 2013</p>

Floodplain Management [24 CFR 55, Executive Order 11988]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>The proposed project is in compliance. The proposed project site is in the 100-year floodplain as shown on the Federal Emergency Management Agency's Flood Insurance Rate Map (FIRM) dated December 6, 2002 (see Floodplain Map in Appendix B, Floodplain Management).</p> <p>The first seven steps of the 8-step floodplain decision making process in 24 CFR 55.20 have been completed for the proposed project. Step 8 is implementation of the project. A summary of the process is provided in Appendix B, Floodplain Management.</p> <p>Additional mitigation measures are discussed in the Mitigation Measures section below.</p> <p>Source: 24 CFR Part 55; Executive Order 11988; Federal Emergency Management Agency's Flood Insurance Rate Map (FIRM) panel number 4854690026E effective December 6, 2002</p>
Wetland Protection [Executive Order 11990]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project is in compliance. There are no wetlands within the project site. While wetlands may be adjacent to the project site, the proposed project would involve the reconstruction of an existing structure, without expanding its footprint, and thereby would not create a wetlands issue. A figure showing proximity of wetlands to the proposed action site is located in Appendix B, Wetland Protection.</p> <p>Sources: Executive Order 11990, Protection of Wetlands; U.S. Fish and Wildlife Service (USFWS), Wetlands Online Mapper, National Wetlands Inventory Map</p>

HUD ENVIRONMENTAL STANDARDS					
Noise Abatement and Control [24 CFR 51B]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project is in compliance. HUD policy requires that adequate consideration be given to noise exposures and sources of noise for proposed project activities. Noise analysis is required for projects within 1,000 feet of a major or arterial roadway, 3,000 feet of a railroad, and/or within the noise contours of a major airport.</p> <p>The proposed project site is within 1,000 feet of one major or arterial roadway and is within 3,000 feet of a railroad. The outdoor weighted average day-night sound level (DNL) calculated in accordance with HUD Noise Assessment Guidelines is 65.3 decibels (dB), which HUD regulations classify as normally unacceptable.</p> <p>Construction noise will be a temporary impact that will be controlled by Best Management Practices. Construction noise will be within applicable city, state and federal codes. Thus, construction noise is not expected to have an impact to the project or surrounding areas.</p> <p>See attached STC Noise Assessment Letter dated June 4, 2013, in Appendix B, Noise Abatement and Control, for an explanation of possible mitigation measures that may be incorporated in order to reduce interior noise levels.</p> <p>Sources: U.S. Department of Housing and Urban Development (HUD) Day/Night Noise Level Electronic Assessment Tool; HUD Development – STC Noise Assessment Letter dated June 4, 2013; HUD Noise Guide; 24 CFR Part 51 Subpart B</p>
Explosive and Flammable Operations [24 CFR 51C]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project is in compliance. The number of dwelling units on the Proposed Action Site would not increase above that present and thus the number of persons exposed to a potential explosive or flammable hazard as defined by HUD would not increase.</p> <p>Source: 24 CFR Part 51, Subpart C</p>

<p>Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i)]</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <p>The proposed action is in compliance with 24 CFR 58.5(i)(2)(i) and (iii). There are no obvious signs of hazardous, toxic, or radioactive materials and substances on the proposed action site. 15 TCEQ PST sites and 13 TCEQ PST/LPST sites are located within 3,000 feet of the Proposed Action Site. These sites have been reviewed and determined to not represent a recognized environmental condition at the site. See attached Toxics Summary in Appendix B, Toxic Chemicals and Radioactive Materials.</p> <p>The property was built before 1978 and as such is suspect for asbestos containing materials (ACMs) and lead-based paint (LBP). Testing for ACMs and LBP shall be conducted as required by and in accordance with local, state and federal laws. Mitigation measures are described in the Mitigation Measures Needed section below.</p> <p>Source: 24 CFR Part 58.5(i)(2)(i) and (iii); 24 CFR Part 51, Subpart C; US EPA EnviroFacts online database (http://www.epa.gov/enviro/geo_data.html); TCEQ Groundwater Assessment and Remediation Division (GARD) online database; TCEQ Solid Waste Management online databases; TCEQ PST and LPST databases</p>
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ENVIRONMENTAL ASSESSMENT CHECKLIST

(Environmental Review Guide HUD CPD 782, 24 CFR §58.4; Ref. 40 CFR §1508.8 & §1508.27)

Impact Categories	Impact Anticipated			Requires Mitigation or Modification	Reference Notes
	None	Minor	Major		
Land Development					
Hazards and Nuisances Including Site Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	<p>Based on a site visit conducted on August 22, 2012, it was determined that the project site has no unusual hazards, nuisances or safety concerns. See Appendix A, Site Inspection Form.</p> <p>However, the proposed project site is suspect for ACMs and lead-based paint. Mitigation measures are described in the Mitigation Measures Needed section below.</p>
Environmental Design, Historic Values and Urban Impact					
Historic, Cultural and Archaeological Resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	Please refer to the Historic Preservation section in the Statutory Checklist for compliance documentation.
Natural Features					
Floodplains	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes	Please refer to the Floodplain Management section of the Statutory Checklist above.
Wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No	Please refer to the Wetland Protection section of the Statutory Checklist above.

Mitigation Measures

As a condition of receiving funding for the proposed project, the project sponsor should implement the following measures:

Lead Paint:

- 1) Testing for LBP shall be conducted as required by and in accordance with local, state and federal laws.
- 2) Contractor must mitigate according to federal, state and local regulations, and comply with 24 CFR Part 35.
- 3) Contractor must have certified personnel, as required by federal, state and local regulations to supervise the proper handling of lead-based paint and provided proper protective equipment for the workers directly working with lead paint.
- 4) Debris should be disposed of according to the applicable federal and state regulations.

Asbestos:

- 1) Testing for ACMs shall be conducted as required by and in accordance with local, state and federal laws.
- 2) Contractor must mitigate according to federal, state and local regulations.
- 3) Contractor must have certified personnel to supervise the proper handling of asbestos and provide proper protective equipment for the workers directly handling the asbestos.
- 4) Debris should be disposed of according to the applicable federal and state regulations.

Floodplain Management:

The Proposed Action Site is located within the Federal Emergency Management Agency (FEMA) designated Special Flood Hazard Area and is considered a "Substantial Improvement". Therefore, the structure is required to meet all applicable elevation and construction requirements in accordance with the National Flood Insurance Program. Elevation of the structure will be such that there are or will be no direct or indirect impacts to the Floodplain. Therefore, the structure is required to be in compliance with applicable conditions of the National Flood Insurance Program. Proof of flood insurance or insurability must be provided in order for this site to remain eligible for this program.

Noise Abatement and Control:

The outdoor weighted average day-night sound level (DNL) calculated in accordance with HUD Noise Assessment Guidelines is 65.3 decibels (dB), which HUD regulations classify as normally unacceptable. Approvals in this noise zone require a minimum of 5 dB additional sound attenuation for buildings having noise-sensitive uses if the day-night average sound level is greater than 65 dB but does not exceed 70 dB. The reduction of interior noise levels will be required by incorporating noise attenuating materials and requirements to mitigate the noise into the design of the home. See attached letter dated June 4, 2013, in Appendix B, Noise Abatement and Control, for an explanation of possible mitigation measures that may be implemented in order to reduce interior noise levels.

Historic Preservation:

Application property is within an area of historic significance or is eligible for listing on the National Register of Historic Places. Work must be done in a specified manner in order to fulfill HUD-funding requirements. Contractor must meet with Program historic preservation staff prior to initiating work. Completed work must also be inspected and approved by HP staff before payment is made to contractor.



ENVIRONMENTAL ASSESSMENT CHECKLIST

Property Address: [REDACTED]

1. Is project in compliance with applicable laws and regulations? Yes No
2. Is an EIS required? Yes No
3. Finding of No Significant Impact (FONSI) can be made. Project will not significantly affect the quality of the human environment. Yes No

PREPARED BY: Lauren LeBlanc

TITLE: Environmental Scientist, URS

SIGNATURE
& DATE:

laurenleblanc 6-4-2013

RESPONSIBLE ENTITY AGENCY

APPROVED BY: City of Galveston

SIGNATURE
& DATE:

[Signature] 6/5/13

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ENVIRONMENTAL ASSESSMENT

[REDACTED]

APPLICANT ID [REDACTED]

[REDACTED]

SAUCIER, MISSISSIPPI 39215



Prepared for:

[REDACTED]

December 2010



7389 Florida Boulevard
Suite 300
Baton Rouge, Louisiana 70806
(225) 922-5700

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ACRONYM TABLE

ACHP	Department of Interior's Advisory Council on Historic Preservation
ASD	Acceptable Separation Distance
AST	Aboveground Storage Tank
ASTM	American Society of Testing and Materials
BFE	Base Flood Elevation
BMP	Best Management Practices
CDBG	Community Development Block Grant
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CPD	Community Planning and Development
DA	Department of the Army
DFIRM	Digital Flood Insurance Rate Map
DOD	Department of Defense
EA	environmental assessment
EIS	environmental impact statement
EO	Executive Order
EPA	Environmental Protection Agency
ERR	environmental review record
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FHBM	Flood Hazard Boundary Maps
FONSI	Finding of No Significant Impact
FOSI	Finding of Significant Impact
FPPA	Farmland Protection Policy Act
GNMA	Government National Mortgage Association
HCDF	Hancock Community Development Foundation
HUD	U.S. Department of Housing and Urban Development
LBP	lead based paint
LOMA	letter of map amendment
LOMR	letter of map revision
LTWF	Long Term Workforce Housing Program
LUST	leaking underground storage tank
MBCI	Mississippi Band of Choctaw Indians
MCHS	Mississippi Children's Home Society /Services
MCP	Mississippi Coastal Program
MDA	Mississippi Development Authority
MDAH	Mississippi Department of Archives and History
MDEQ	Mississippi Department of Environmental Quality
MDMR	Mississippi Department of Marine Resources
MDWFP	Mississippi Department of Wildlife, Fisheries, and Parks
MMNS	Mississippi Museum of National Science
MOA	memorandum of agreement
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program

ACRONYM TABLE

NHPA	National Historic Preservation Act
NOI	Notice of Intent
NRCS	National Resources Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
PA	Programmatic Agreement
RSDE	Residential Substantial Damage Estimate
RROF	Request for Release of Funds
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Office
SHWS	State Hazardous Waste Site
TANF	Temporary Assistance for Needy Families
T&E	Threatened and Endangered
UDAG	Urban Development Action Grants
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
UST	Underground Storage Tank
VA	Visual Assessment
XRF	X-ray Fluorescence

**Environmental Assessment
for HUD-funded Proposals**

Recommended format per 24 CFR 58.36, revised March 2005
[Previously recommended EA formats are obsolete].

Project Identification: 

Preparer: Mississippi Development Authority, Project Manager, Debra Smith

Responsible Entity: Mississippi Development Authority

Month/Year: December 2010

Environmental Assessment

Responsible Entity: Mississippi Development Authority
[24 CFR 58.2(a)(7)]

Certifying Officer: Jon Mabry, Chief Operating Officer
[24 CFR 58.2(a)(2)]

Project Name: [REDACTED]

Project Location: [REDACTED]

Estimated total project cost: \$3,000,000

Grant Recipient: [REDACTED]
[24 CFR 58.2(a)(5)]

Recipient Address: [REDACTED]

Project Representative: [REDACTED]
[REDACTED]

Telephone Number: [REDACTED]

Conditions for Approval: (List all mitigation measures adopted by the responsible entity to eliminate or minimize adverse environmental impacts. These conditions must be included in project contracts and other relevant documents as requirements). [24 CFR 58.40(d), 40 CFR 1505.2(c)]

All aboveground storage tanks (AST) with a capacity greater than 100 gallons must be located at a distance greater than the calculated acceptable separation distance (ASD) from all residential buildings or appropriate mitigation measures must be in place.

A Small Construction General Permit for Land Disturbing Activities of 1 to Less Than 5 Acres is required from the MDEQ Office of Pollution Control prior to construction of the Mississippi Children's Home Society project. A Storm Water Pollution Prevention Plan (SWPPP) is required as part of the permit.

FINDING: [58.40(g)]

Finding of No Significant Impact

(The project will not result in a significant impact on the quality of the human environment.)

Finding of Significant Impact

(The project may significantly affect the quality of the human environment.)

Preparer Signature: _____ **Date:** _____

Name/Title/Agency: Debra Smith, Project Manager, Mississippi Development Authority

RE Approving Official Signature:

_____ **Date:** _____

Name/Title/Agency: Jon Mabry, Chief Operating Officer, Mississippi Development Authority

Statement of Purpose and Need for the Proposal: [40 CFR 1508.9(b)]

Hurricane Katrina caused extensive damage along the Mississippi Gulf Coast region. The extensive damage brought hardship to the majority of the population creating a great need for social services and strained the existing systems. Further, social services facilities were also severely damaged, limiting the ability of the existing programs to meet the needs of Mississippi residents. These facilities to a great extent have not been repaired or rebuilt to sufficiently meet the public need. The Mississippi Children's Home Society project will provide a new 20-bed group home facility and an education/vocational training facility. The proposed project will include constructing two new buildings at two different locations on an 81-acre parcel of land. The combined area of the proposed project sites is approximately 3.4-acres of the entire 81-acre parcel. The two sites include the main structure, containing the proposed children's home and a second structure to be utilized as an education and vocational training building, located to the southeast of the main building (See Site Plan in Attachment 1).

Description of the Proposal: Include all contemplated actions, which logically are either geographically, or functionally a composite part of the project, regardless of the source of funding. [24 CFR 58.32, 40 CFR 1508.25]

Project Name: [REDACTED]

Project Type: New construction in a new footprint on an undeveloped site.

Project Description:

The [REDACTED] project will include the construction of two new structures, a group home and an educational building, to provide social services that have been unavailable as a result of damage caused by Hurricane Katrina. The scope of the project will include interior and exterior construction along with digging of the ground to complete site work.

Site work for the project will include grading for building, new asphalt parking areas for both buildings, new asphalt drive, repaving of a portion of existing gravel roadway, and underground electrical and plumbing lines. The site will also include a water well, water treatment plant and a pump/water tank (for fire sprinkler system used in the group home). A propane powered emergency standby generator will also be installed.

The [REDACTED] is approximately 9,511 square feet. The [REDACTED] contains ten (10) bedrooms for residents, bathroom and laundry facilities, common areas, office/administrative areas, therapy spaces, and a commercial kitchen to serve occupants of the group home. The structure of the building is 2 x 6 wood framing with a pre-fabricated wood truss roof structure. The exterior of the building will feature cementitious plank shutters. Interior finishes for building will include painted gypsum wall board, fiberglass reinforced plastic panels, and limited use of ceramic tile in bath areas. Polished concrete and carpeting are to be used as floor finishes.

The [REDACTED] building is approximately 3,700 square feet. The [REDACTED] building includes several classroom areas, work bays for vocational instruction, and an office/administration area. The [REDACTED] building will be a rigid frame metal building with a standing seam metal roof and metal panel siding. Polished concrete with limited carpeting in the office areas will comprise the floor finishes for the building. Painted gypsum and painted plywood (in vocational areas) will comprise interior wall finishes (Construction Plans included in Attachment 1).

Existing Conditions and Trends: Describe the existing conditions of the project area and its surroundings, and trends likely to continue in the absence of the project. [24 CFR 58.40(a)]

The [REDACTED] project is situated on approximately a 3.4-acre area of an 81-acre parcel of land. The topography of the 81-acre parcel is rolling hills with a lake and potential associated wetland habitat, located at a lower elevation. The site has a general topography of a bowl with the houses stretched along the upper ridge. The 3.4-acre proposed projects site is also situated on the upper ridge.

The proposed project is comprised of constructing two individual buildings at two different locations, on approximately 3.4-acres of the entire 81-acre parcel. The two sites include the main structure where the children's home is proposed and a second structure planned as an education/vocational building to the southeast of the main building. A walking path between the proposed building sites is also planned, but it is not envisioned to be paved at this time. The walking path dips into the valley associated with the pond and would skirt the pond.

There are fourteen existing structures on the 81-acre parcel of land that includes the entire area of the [REDACTED] site. Six of the structures are housing units and there are six associated pump houses containing water pumps for each housing unit. The houses and pump houses are located roughly in a line parallel to Road 401. An administration/multi-purpose building is located on the parcel to the east of the existing housing units. There is also a storage shed located to the north of housing unit 4 (H4). Site Reconnaissance Questionnaire and photographs of the site are included in Attachment 2. The parcel is surrounded by rural and undeveloped land.

The [REDACTED] and [REDACTED] will still likely be built in the absence of the federal funding for this project. This project will provide much needed social services facilities for the residents of Harrison County. Historically, the site was an agricultural property. However, the parcel was initially developed for non-agricultural use in 2000 by the [REDACTED]

[REDACTED]. The proposed [REDACTED] project site is currently cleared for surveying. The proposed [REDACTED] project site has sparse vegetation. The site will likely remain vacant if the [REDACTED] project is not implemented.

Statutory Checklist

[24CFR §58.5]

Record the determinations made regarding each listed statute, executive order or regulation. Provide appropriate source documentation. [Note reviews or consultations completed as well as any applicable permits or approvals obtained or required. Note dates of contact or page references]. Provide compliance or consistency documentation. Attach additional material as appropriate. Note conditions, attenuation or mitigation measures required.

Factors

Determination and Compliance Documentation

<p>Historic Preservation [36 CFR 800]</p>	<p>The proposed project complies with Section 106 requirements. The project has been evaluated within the parameters of the Memorandum of Agreement that came into effect on July 7, 2009 between the Mississippi Development Authority, the Mississippi Department of Archives & History and the Mississippi Band of Choctaw Indians. An architectural review of the application site found no evidence of historic structures present and as the application site is not located in any historic district, a field review was not required. As the project will involve new construction and the application parcel falls within the High Archaeological Potential Zone defined for the project area, an archaeological field survey was performed but did not locate any archaeological materials or concerns. This finding was reported to the Mississippi Department of Archives & History and the Mississippi Band of Choctaw Indians. Mississippi Department of Archives & History responded that they concurred with the report findings. The Mississippi Band of Choctaw Indians did not send a response within the time allotted in the Memorandum of Agreement (see agency correspondence in Attachment 3).</p> <p>Source: Map of National Register of Historic Places; Archaeological Sensitivity Map as adopted by the Memorandum of Agreement; Correspondence from URS to the Mississippi Department of Archives and History, and the Mississippi Band of Choctaw Indians; Response from the Mississippi Department of Archives and History; Memorandum of Agreement between the Mississippi Development Authority, the Mississippi Department of Archives and History, and the Mississippi Band of Choctaw Indians, July, 2009</p>
<p>Floodplain Management [24 CFR 55, Executive Order 11988]</p>	<p>The southwestern corner of the applicant's 81-acre parcel of land is located in a Floodplain Zone AE and a 0.2 Percent Annual Chance Flood Hazard Zone (500 year Floodplain). However, the 3.4-acre proposed project site is located on the eastern side of the parcel in a Floodplain Zone X, which is not within a FEMA-designated Special Flood Hazard Area as shown on the Federal Emergency Management Agency's Digital Flood Insurance Rate Maps (DFIRM) dated June 16, 2009 (DFIRM Maps in Attachment 4). Additionally, the proposed project action involves construction of one educational facility and one residential building, which are not considered critical actions. Therefore, this project is not subject to floodplain regulations. See FEMA Special Flood Hazard Determination completed for the proposed project site in Attachment 4.</p> <p>Sources: Special Flood Hazard Area Map; FEMA DFIRM Maps (Map Numbers 28047C0110D, effective June 16, 2009 and 28047C0105D, effective June 16, 2009); 24 CFR Part 55, Executive Order 11988</p>

<p>Wetlands Protection [Executive Order 11990]</p>	<p>The proposed project action is in compliance. In a correspondence dated January 26, 2009, the Mobile District Corps of Engineers stated that ‘a permit is not required’ for ‘New construction on a previously undeveloped lot that has been inspected by a qualified wetland scientist and found to contain no wetlands in the proposed development area’. A qualified wetland scientist conducted a site inspection on October 27, 2010, and reviewed property conditions, 2007 High Resolution Aerial Imagery, National Wetlands Inventory maps, soil maps, and topographic quad maps. National Wetlands Inventory maps indicate the presence of Hydric Soils. However, wetlands and/or Waters of the U.S. are not associated with the proposed action site. See Attachment 5.</p> <p>Sources: National Wetlands Inventory maps; USACE Correspondence dated January 26, 2009; Wetlands Site Assessment conducted on October 27, 2010; 2007 High-Resolution Aerial Photography; soil maps, and topographic quad maps</p>
<p>Coastal Zone Management Act [Sections 307(c),(d)]</p>	<p>The proposed project action is in compliance. A wetlands-trained professional has reviewed the property conditions. According to the National Wetlands Inventory maps, coastal wetlands are not present on the parcel. Additionally, the project site is approximately 14.0 miles from the nearest mapped tidal wetland as determined from the National Wetlands Inventory Map, a review of the 2007 High Resolution Aerial Imagery and a site assessment by a wetland ecologist. According to correspondence from the Mississippi Department of Marine Resources dated October 27, 2008, the department has no objections provided there are no direct or indirect impacts to coastal wetlands and no coastal program agency objects to the proposal (Attachment 6).</p> <p>Sources: Coastal Zone Map; Mississippi Department of Marine Resources Correspondence dated October 27, 2008; Wetlands Site Assessment conducted on October 27, 2010, 2007; High-resolution aerial photography; National Wetlands Inventory maps; soil maps, and topographic quad maps</p>
<p>Sole Source Aquifers [40 CFR 149]</p>	<p>The proposed project action is in compliance. Pursuant to Section 1424(e) of the Safe Drinking Water Act, Harrison County has been determined to lie outside the designated boundaries of the Southern Hills Regional Aquifer System (the only Sole Source Aquifer System in the state of Mississippi). This project lies outside of the stream flow and recharge source zones for the Environmental Protection Agency designated Sole Source Aquifer. Project review determines there is no impact to this Sole Source Aquifer. The enclosed map in Attachment 7 delineates the area included in the Southern Hills Regional Aquifer System and also shows the location of the proposed action site relative to that system.</p> <p>Sources: Sole Source Aquifers in the Southeast; United States Environmental Protection Agency (EPA) Region 4: Ground Water Protection</p>

<p>Endangered Species Act [50 CFR 402]</p>	<p>The proposed project action is in compliance. The proposed action is classified as new construction. According to correspondence from the United States Fish and Wildlife Service (USFWS) dated October 14, 2008, those projects that will be constructed in areas outside of an existing footprint have the potential to impact Federally listed T&E species, specifically the gopher tortoise and require a comprehensive review for potential T&E habitat (Attachment 8). According to the aforementioned letter, the gopher tortoise inhabits well-drained sandy soils, especially in areas of longleaf pine, open fields, or pastures. They are also known to utilize mowed and maintained sites in semi urban settings, when suitable soils are present. Based on a review of site photos taken from the site visit on October 27, 2010, 2007 High-Resolution aerial photography, and last known sightings data from the MS Museum of Natural Science, and the Gopher Tortoise Soil Suitability Data (USFWS 2009), a wildlife biologist has determined that suitable habitat for the gopher tortoise and/or critical habitat for any state and Federally listed T&E species are not present. These findings were forwarded to the USFWS for review. On December 16, 2010, the USFWS concurred that ‘the proposed project will have “No Effect” on federally listed species or their habitats.’ Therefore, no further consultation is required.</p> <p>Sources: Letter from United States Fish and Wildlife Service dated December 16, 2010 and October 14, 2008; Endangered Species Visual Assessment on October 27, 2010; MS Natural Heritage Program 2008 CD; and Gopher Tortoise Soil Suitability Data from the USFWS, 2009</p>
<p>Wild and Scenic Rivers Act [Sections 7 (b), (c)]</p>	<p>The proposed action is in compliance. The proposed action would not affect a waterway Federally designated as a wild and scenic river. The only Federally designated wild and scenic river in Mississippi is a segment of Black Creek in Perry County, approximately 30.5 miles northeast of the project site. A map indicating the approximate location of the area designated wild and scenic compared to the approximate site location is provided in Attachment 9. The proposed project site will not impact the designated segment of Black Creek.</p> <p>Source: Wild and Scenic Rivers Act, [Sections 7(b), and (c)]</p>
<p>Air Quality [Clean Air Act, Sections 176 (c) and (d), and 40 CFR 6, 51, 93]</p>	<p>The proposed action is in compliance. All counties in Mississippi are currently designated as being in attainment of all National Ambient Air Quality Standards (NAAQS) (Attachment 10). Clean Air Act, [Sections 176(c), (d), and 40 CFR 6, 51, 93] provides documentation from the MDEQ, New Air Quality Standards and Attainment (Attachment 10). According to MDEQ, the EPA will make new designations for attainment of the ground level ozone standard in 2010, based on data from 2007 through 2009. However, as of June 2010, all counties in Mississippi are designated as attainment areas for ground level ozone.</p> <p>Minimal and temporary increases in air pollutant emissions would potentially be generated during construction activities. However, even with potential new standards, the [REDACTED] project would not significantly increase emissions levels within Harrison County. With regards to the State of Mississippi, the project will cause no significant long term adverse ambient air quality impact. Appropriate mitigation measures will be implemented to reduce environmental impacts (See attached Mitigation Measures).</p> <p>Sources: EPA Non-Attainment Map; National Ambient Air Quality Standards (NAAQS); Clean Air Act, Sections 176 (c) and (d), and 40 CFR 6, 51, 93</p>

<p>Farmland Protection Policy Act [7 CFR 658]</p>	<p>The proposed action site is in compliance. The parcel is located Harrison County and is a zoned Educational District. As defined in 7 CFR 658.3, "Farmland" does not include land already in or committed to urban development or water storage. Therefore, the proposed action, construction of a structure on a parcel within city limits that is zoned for residential development, does not meet the definition of "Farmland". Additionally, assistance and actions related to the purchase, maintenance, renovation, or replacement of existing structures and sites converted prior to the time an application for assistance from a federal agency, including assistance and actions related to the construction of minor new ancillary structures (such as garages or sheds) do not involve conversion of farmland to nonagricultural uses and are exempt from the requirements of 7 CFR 658 (Attachment 11).</p> <p>Source: Farmland Location Map; Farmland Protection Policy Act [7 CFR Part 658]</p>
<p>Environmental Justice [Executive Order 12898]</p>	<p>Saucier, MS (a census designated place) is not a predominantly minority population, 2.5% of the population are minorities. Additionally, only 22.1% of the population live below the poverty level (Attachment 12). The proposed project would provide a new recreational facility for local residents. The long term impacts of the proposed action would be beneficial, and significant adverse effects would not occur. All populations, including minority and low-income populations, would benefit from this proposed action. Thus, the proposed action would not have a disproportionately adverse effect on minority and/or low-income populations.</p> <p>Sources: U.S. Census Data (2000) (Attachment 12), Executive Order 12898, Section 1-101 (Attachment 12), [Executive Order 12898]</p>

HUD Environmental Standards Determination and Compliance Documentation

<p>Noise Abatement and Control [24 CFR 51 B]</p>	<p>The proposed action is in compliance. The HUD noise policy does not apply to the proposed action, because it is a component of an MDA emergency disaster assistance program. However, all equipment and machinery installed as part of the project or used during construction must meet all local, state, and federal noise regulations. Long-term noise increases associated with the [REDACTED] project are estimated to be slight to imperceptible. During construction, noise impacts would be mitigated to the greatest extent feasible by limiting construction activities to normal business hours and use of quieter equipment when practical (See attached Mitigation Measures).</p> <p>Source: 24 CFR 51.101(a)(3) (see Attachment 13)</p>
<p>Toxic/Hazardous/ Radioactive Materials, Contamination, Chemicals or Gases [24 CFR 58.5(i)(2)]</p>	<p>The proposed action is in compliance with 24 CFR 58.5(i)(2)(i) and (iii). There are no obvious signs of hazardous, toxic, or radioactive materials and substances on the proposed action site. A sea-can is located on the parcel to the south of the access road. The sea-can is used for storage of building and maintenance materials and does not pose a hazard to the proposed action site. Additionally, based upon information from the Mississippi Department of Environmental Quality and other sources, there are no off-site sources present with the potential to impact the proposed action site. See Hazardous Substances Map included in Attachment 14.</p> <p>Sources: Hazardous Substances Map; 24 CFR Part 58.5(i)(2)(i) and (iii); U.S. EPA and MDEQ Databases, 2010; Site Inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>

<p>Siting of HUD-Assisted Projects near Hazardous Operations [24 CFR 51 C]</p>	<p>The proposed project includes the installation of two propane tanks at the proposed action site. The proposed tanks consist of a 100-gallon tank near the education/vocational building and a 250-gallon tank near the group home building. In compliance with 24 CFR Part 51 Subpart C, all aboveground storage tanks (AST) with a capacity greater than 100-gallons must be located at a distance greater than the calculated acceptable separation distance (ASD) from all residential buildings or appropriate mitigation measures must be in place. Additionally, a 2,000-gallon off-site AST containing diesel fuel has been determined to be located within one mile of the 81-acre parcel. However, this AST is located at a distance greater than the acceptable separation distance for the identified tank(s) and therefore does not pose a hazard to the proposed residential building. See Attachment 15 for Explosive and Flammable Operations Map (showing closest off-site AST), information and figures.</p> <p>Sources: Explosive and Flammable Operations Map (showing closest off-site AST); Record of Communication dated December 8, 2010 (regarding proposed propane tanks); ASD Thermal Radiation Table; Site Inspection by URS Corporation on October 27, 2010 (Attachment 2); 24 CFR Part 51 Subpart C</p>
<p>Airport Clear Zones and Accident Potential Zones [24 CFR 51 D]</p>	<p>The proposed action is in compliance. The [REDACTED] project site is not located within an Accident Potential Zone, Runway Clear Zone, or Clear Zone and is not subject to applicable regulations. The nearest applicable Clear Zone is located at Stennis International Airport at a distance of 16.1 miles. The nearest applicable Accident Potential Zone is located at Keesler Air Force Base at a distance of 25.5 miles. See Attachment 16.</p> <p>Sources: Runway Clear Zone and Accident Potential Zone Map; 24 CFR Part 51, Subpart D</p>
<p>HUD's Lead Safe Housing Rule Regulations [24 CFR Part 35, Subpart H, 35.720]</p>	<p>The proposed action is in compliance. The proposed action is exempt from all requirements of 24 CFR Part 35 due to the following exemption at 24 CFR Part 35 Subpart B, Sec. 35.115 (1) A residential property for which construction was completed on or after January 1, 1978 (Attachment 17). Additionally, the proposed project site is currently vacant and does not contain any painted structures.</p> <p>Sources: 24 CFR Part 35 Subpart B, Sec. 35.115, Lead Safe Housing Rule [24 CFR Part 35 Subpart H (Project Based Assistance), 35.720], Requirements of Mississippi Department of Environmental Quality's "Mississippi Commission on Environmental Quality, Regulation APC-S-9: Regulations for Lead Based Paint Activities," Adopted January 22, 1998, Amended November 20, 2003</p>

Environmental Assessment Checklist

[Environmental Review Guide HUD CPD 782, 24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27]

Evaluate the significance of the effects of the proposal on the character, features and resources of the project area. Enter relevant base data and verifiable source documentation to support the finding. Then enter the appropriate impact code from the following list to make a determination of impact. **Impact Codes:** (1) - No impact anticipated; (2) - Potentially beneficial; (3) - Potentially adverse; (4) - Requires mitigation; (5) - Requires project modification. Note names, dates of contact, telephone numbers and page references. Attach additional material as appropriate. Note conditions or mitigation measures required.

Land Development	Code	Source or Documentation
Conformance with Comprehensive Plans and Zoning	1	<p>The [REDACTED] project is located in an A-1, General Agriculture District. The proposed project parcel has also been designated as an Educational Institutions District, as described in the Harrison County Zoning Ordinance (Attachment 18), Section 500. An Educational Institutions District is classified as a use requiring establishment of a Special Use District (S) as identified in section 415 – Table of Uses. The subject property is not changing from its current use. The Harrison County Zoning Map and Zoning Ordinance are included in Attachment 18.</p> <p>Sources: Harrison County Zoning Web Mapping Application; Harrison County Zoning Ordinance, effective date August 28, 2000</p>
Compatibility and Urban Impact	1	<p>The [REDACTED] project area encompasses 3.4-acres of an 81-acre parcel. Even though the addition of a twenty-bed cottage style group home will increase the parcel's total population, it is not expected to significantly increase the population density of the general area.</p> <p>Based on a site inspection of the project parcel and surrounding properties and on a review made of 2010 Aerial Photography, undeveloped properties exist adjacent to the north, south, and east of the project parcel. Rural agricultural developed properties exist adjacent to the west and northeast. A residential property is located adjacent to the northwest.</p> <p>Photographs of the site taken during the October 27, 2010 site visit can be found in Attachment 2.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2); 2010 Aerial Photography</p>
Slope	1	<p>A review has been made of the existing slopes based on a site inspection by URS Corporation on October 27, 2010 and on the contouring shown on a topographic elevation contour map from MyTopo.com, which is included as Attachment 19. There is a noticeable change in elevation on the 81-acre project parcel to the southwest of the proposed project site. However, the 3.4-acre [REDACTED] project area is mostly flat and is located on an upper ridge of the 81-acre project parcel. There is not a significant change in elevation on the project site.</p> <p>Appropriate design will have to incorporate this information. No negative impact is anticipated due to the slope condition of the subject property.</p> <p>Source: MyTopo.com Topographic Elevation Contour Map, Harrison County, MS; Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>

Erosion	4	<p>A Small Construction General Permit for Land Disturbing Activities of 1 to Less Than 5 Acres will be obtained from the MDEQ Office of Pollution Control prior to construction of the [REDACTED] project. A Storm Water Pollution Prevention Plan (SWPPP) will be developed as part of the permit. Erosion and Sediment controls will be developed as part of the SWPPP.</p> <p>The project site may have erosion of materials during construction activities. The proposed site for the educational facility has already been cleared. Erosion is not anticipated to be an issue at the site upon completion of the construction activities. The sloped area toward the lake located on the southwestern portion of the parcel will be protected during construction activities. The proposed project will implement controls as needed to prevent erosion and adverse impacts to receiving waters from storm water runoff. Best Management Practices (BMPs) will be established and can include the installation of natural vegetation, brush barriers, silt fences or hay bales as needed to help filter runoff prior to any earthwork activities. Cleared areas not in the construction footprints will be revegetated as soon as possible.</p> <p>Source: Field Manual for Erosion and Sediment Control on Construction Sites in Mississippi, MDEQ</p>
Soil Suitability	1	<p>The 3.4-acre proposed project site consists primarily of Saucier, Eustis, and Poarch soil types as determined by referencing the Web Soil Survey information provided by the United States Department of Agriculture (USDA). The Saucier series consists of moderately well drained, slowly permeable soils that have a moderate amount of plinthite in the subsoil and are formed in marine sediment that is loamy in the upper part and clayey in the lower part. The Eustis series consists of deep, somewhat excessively drained soils that formed in coarse-textured marine or fluvial sediments. The Poarch series consists of deep, well and moderately well drained, moderately permeable soils on uplands that formed in unconsolidated sandy and loamy marine sediments.</p> <p>The foundation design for the [REDACTED] project should take into account the soil strength and characteristics at the site. The Custom Soil Resource Report that includes a Web Soil Survey map and the Soil Series Description are included in Attachment 20.</p> <p>Sources: United States Department of Agriculture (USDA) Web Soil Survey, Soil Survey Staff, Natural Resources Conservation Service (NRCS), USDA. [Accessed November 28, 2010]. USDA-NRCS, Lincoln, NE.; USDA-Natural Resources Conservation Service (NRCS) Official Soil Series Descriptions</p>
Hazards and Nuisances including Site Safety	4	<p>The [REDACTED] project site has potential hazards, nuisances or safety concerns that will require mitigation measures. Two propane tanks are proposed to be installed at the project site and must meet all applicable codes and standards. Additionally, because the proposed project involves building a group home residence the tanks must be installed at a distance greater than the calculated acceptable separation distance or appropriate mitigation measures must be in place as discussed in the Statutory Checklist above.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>

Energy Consumption	1	<p>The proposed project will not have unusual energy needs and is not expected to have a significant impact on energy consumption.</p> <p>The new structures will be built to meet local building codes and must meet applicable minimum HUD building standards.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2); HUD Handbook, Minimum Property Standards for Housing, 1994</p>
Noise - Contribution to Community Noise Levels	1	<p>There will be minor temporary, unavoidable increases in noise levels during construction at residences that are located on the same 81-acre parcel as the [REDACTED] project. The closest residential structure is located on the project parcel and is approximately 440 feet northwest of the proposed group home. Noise impacts will be mitigated to the greatest extent feasible (see Mitigation Measures Recommended, below). Long-term noise increases from the use of the group home and the educational facility are estimated to be slight to imperceptible. This project will be compatible with surrounding land use. The closest off-site school, West Wortham Elementary and Middle School, is approximately 9.3 miles away. The closest library is approximately 13.4 miles away. There should be minimal to no increase in the contribution to the local noise levels after construction is complete.</p>
Air Quality Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels	1	<p>Current air quality at the proposed site appears to be acceptable. There will be temporary, unavoidable increases in air pollution levels during construction on the 81-acre proposed project parcel. Air quality impacts will be mitigated to the greatest extent feasible (see Mitigation Measures Recommended, below). The completed project is expected to have a minimal adverse impact on air quality.</p>
Environmental Design Visual Quality - Coherence, Diversity, Compatible Use and Scale	1	<p>The [REDACTED] project will be situated on an 81-acre rectangular parcel of land that is bordered by Road 401, rural agricultural developed properties, and wooded areas. The proposed project parcel has been designated as an Educational Institutions District, as described in the Harrison County Zoning Ordinance (Attachment 18), Section 500. The project design will be compatible with existing use on this parcel. See Attachment 2 for photographs of the subject site and the properties that surround the subject site.</p>

Socioeconomic Code Source or Documentation

<p>Demographic Character Changes</p>	<p>1</p>	<p>The 2000 U. S. Census indicated that the median household income in Saucier, Mississippi was slightly higher than in Harrison County, Mississippi as a whole. The poverty rate in Saucier, Mississippi, for individuals, was slightly higher than in Harrison County, Mississippi as a whole.</p> <p>The 2000 U. S. Census indicated that Saucier, Mississippi had a total minority population of approximately 2.5% which is significantly less than the total minority population of approximately 26.9% in Harrison County, Mississippi as a whole.</p> <p>The [REDACTED] project is not expected to have a noticeable impact on the demographic character of the area. The [REDACTED] will serve the general population equally. There is one new twenty-bed cottage style group home associated with the project.</p> <p>Source: 2000 U. S. Census (Attachment 12)</p>
<p>Displacement</p>	<p>1</p>	<p>The 81-acre parcel is currently operating as a [REDACTED] facility. The 3.4-acre proposed project site is currently unoccupied. The proposed project will not displace any population.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>
<p>Employment and Income Patterns</p>	<p>2</p>	<p>Based on the 2000 U. S. Census, the median household income in Saucier, Mississippi was \$37,000 and the median household income for Harrison County, Mississippi as a whole was \$35,624. As part of the proposed project, a [REDACTED] will provide living accommodations for twenty youths. The addition of an educational facility may employ additional support staff for its daily operation.</p> <p>Source: 2000 U. S. Census (Attachment 12)</p>

Social Services	2	<p>The [REDACTED] is operating in accordance with regulations of the Mississippi Department of Human Services and Department of Mental Health. The proposed [REDACTED] will benefit behaviorally-challenged residents 14 to 18 years of age by offering on-site job training, educational services, and therapeutic services to each resident based on an individual development plan. The proposed project is located relatively near several other social service types of facilities. Driving distances to these agencies / facilities are not anticipated to be an issue.</p> <p>The nearest regional Medicaid office serving Harrison County is located at [REDACTED], a driving distance of approximately 24.4 miles.</p> <p>The Temporary Assistance for Needy Families (TANF) facility serving Harrison County is located at 10260 Larkin Smith Road, Gulfport, MS 39505. This social service facility is located an approximate 22.0 mile driving distance from the proposed project site.</p> <p>The regional office of the Mississippi Division of Community Services serving Harrison County is the Gulf Coast office, located at 500 24th Street, Gulfport, MS 39501. This office is located an approximate 26.8 mile driving distance from the proposed project site.</p> <p>The nearest Head Start Center for this area is the Mississippi Action-Head Start Center, located at 6122 Cuevas Town Road, Kiln, MS 39556. This center is located an approximate 12.7 mile driving distance from the proposed project site.</p> <p>The nearest senior center providing services to the project site is the Lyman Senior Center located at 14592 County Farm Road, Gulfport, MS 39503. This facility is located an approximate 12.0 mile driving distance from the proposed project site.</p> <p>A map showing the referenced Social Services facilities is included in Attachment 24.</p> <p>Sources: [REDACTED]; Mississippi Department of Human Services, Division of Economic Assistance, County/Regional Directory; Mississippi Department of Human Services, Division of Community Services, County Directory; Mississippi Division of Medicaid, Regional Office Listing; Harrison County Senior Services web page; Google Maps research by URS Corporation (November 28, 2010)</p>
Solid Waste	1	<p>Solid waste collection and disposal services for the [REDACTED] project is provided as a service by Harrison County. Solid waste is disposed of in the Harrison County Landfill.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>

Waste Water	1	<p>The proposed project is located in rural Harrison County and will therefore utilize septic systems for wastewater treatment, which will be installed and maintained to prevent effluent from contaminating groundwater potable water supplies, on-site soils, and nearby surface water bodies. There are 6 septic systems on the parcel that are currently servicing existing structures. The new septic systems should not significantly increase the impact from the additional wastewater from the [REDACTED] project.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>
Storm Water	4	<p>A Small Construction General Permit for Land Disturbing Activities of 1 to Less Than 5 Acres will be obtained from the MDEQ Office of Pollution Control prior to construction of the [REDACTED] project. A Storm Water Pollution Prevention Plan (SWPPP) will be developed as part of the permit. Erosion and Sediment controls will be developed as part of the SWPPP.</p> <p>Impacts from storm water will be greatest at the project site during construction activities. Storm water is not anticipated to be an issue at the site upon completion of the construction activities. The proposed project will implement controls as needed to prevent erosion and adverse impacts to receiving waters from storm water runoff both during and after construction. Best Management Practice's (BMP's) will be established and can include the installation of natural vegetation, brush barriers, silt fences or hay bales to help filter runoff prior to any earthwork activities. The project will be designed so that the storm water runoff impacts are mitigated to the greatest extent feasible. The storm water discharge areas will be designed to reduce the velocity of flow to prevent erosion. The lake on the southwest portion of the property will receive a natural flow of water from the project site during precipitation events.</p> <p>Source: Field Manual for Erosion and Sediment Control on Construction Sites in Mississippi, MDEQ; Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>
Water Supply	1	<p>The proposed project will include the installation of a potable water supply well and a water treatment plant for its drinking water. A water tank and pump will also be installed for a fire sprinkler system in the group home. The well is expected to be adequate to serve the needs of the [REDACTED] project. It is not anticipated to pump large quantities of water from the water table.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>
Public Safety - Police	1	<p>The closest police department serving the [REDACTED] project area is the Harrison County Sheriff's Department, located at 10451 Larkin Smith Drive, Gulfport, MS 39503. The driving distance to the Harrison County Sheriff's Department is approximately 22.3 miles. A map showing the location of the Harrison County Sheriff's Department is included in Attachment 25.</p> <p>Source: Harrison County Sheriff's Department website; Google Maps research by URS Corporation (November 28, 2010)</p>

- Fire	1	<p>The [REDACTED] project site is located within the Harrison County Fire Services' Lizana Fire District. The closest fire station to the project site is located at [REDACTED]. The driving distance to the closest Lizana Fire District station is approximately 7.2 miles from the project site. A map showing the location of the closest Harrison County Fire Services' Lizana Fire District station is included in Attachment 25.</p> <p>Source: Harrison County Fire Services website; Google Maps research by URS Corporation (November 28, 2010)</p>
- Emergency Medical	1	<p>The [REDACTED] project is approximately 19.4 road miles from Garden Park Medical Center, the nearest 24-hour emergency medical facility. The hospital is located at 15200 Community Road, Gulfport, MS 39503. A map showing the referenced health care facility is included in Attachment 23.</p> <p>American Medical Response provides emergency and non-emergency medical transport service to Harrison County, Mississippi, in a joint effort with the county's fire services and sheriff's department.</p> <p>Source: American Medical Response website; Garden Park Medical Center website; Google Maps research by URS Corporation (November 28, 2010)</p>
Open Space and Recreation - Open Space	1	<p>Based on a site inspection and review made of 2010 Aerial photography of the project site and surrounding properties, the 81-acre parcel contains wooded areas on its west and east, a lake on its southwest, and cleared open land elsewhere. Rural agricultural developments are adjacent to the 81-acre parcel to the west and northeast. A residential property exists to the northwest of the parcel. Heavily wooded areas are adjacent to the southwest, north, and east. There are some lightly wooded open areas in close proximity to the project site to the south and northeast.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2); 2010 Aerial Photography</p>

<p>- Recreation</p>	<p>2</p>	<p>The proposed project will be potentially beneficial to the occupants of the [REDACTED] project. The proposed group home includes two day rooms as well as an activity room for the twenty residents it houses. There are several additional recreational facilities reasonably near the project site.</p> <p>The Harrison County Fairgrounds is located at [REDACTED] and is approximately 11.5 miles in driving distance from the project site. A large covered arena, eleven regulation-sized soccer fields, a concession stand, and restrooms are located at this facility.</p> <p>[REDACTED] is located on [REDACTED] in [REDACTED] driving distance from the project site. A 300 foot baseball field, a 200 foot baseball field, a girl's softball field, a t-ball field, a small playground, a walking track, a tennis court, and a concession stand are located at this facility.</p> <p>[REDACTED] is located near the intersection of Firetower Road and Vidalia Road outside of Kiln, MS and is approximately 13.8 miles in driving distance from the project site. A 300 foot baseball field, two 200 foot baseball fields, a small playground, a walking track, and a concession stand are located at this facility.</p> <p>Sources: Harrison County Parks and Recreation website; Google Maps research by URS Corporation (November 28, 2010)</p>
<p>- Cultural Facilities</p>	<p>1</p>	<p>The closest public library to the [REDACTED] project is the [REDACTED], located at [REDACTED], [REDACTED]. The library is a driving distance of approximately 13.4 miles from the project site.</p> <p>The [REDACTED] is a children's museum located at [REDACTED]. This museum is a driving distance of approximately 27.9 miles from the project site.</p> <p>[REDACTED] is located at [REDACTED]. This museum is a driving distance of approximately 31.6 miles from the project site.</p> <p>The [REDACTED] is located at [REDACTED]. This museum is a driving distance of approximately 19.2 miles from the project site.</p> <p>The [REDACTED] is located at [REDACTED]. This theatre is a driving distance of approximately 24.3 miles from the project site.</p> <p>A map showing the locations of the referenced Cultural Facilities is included in Attachment 26.</p> <p>Sources: Mississippi Gulf Coast Tourism web site; Mississippi's West Coast Tourism web site; Gulfport Little Theatre website; Harrison County Library System website; Google Maps research by URS Corporation (November 28, 2010)</p>

Transportation	1	<p>The proposed project will not cause a significant increase in traffic in the area. The roads in the area are sufficient to handle the traffic associated with the proposed project. There are no fixed bus routes in a walking distance from the project site.</p> <p>Coast Transit Authority operates a limited non-emergency, curb-to-curb service in Harrison County for seniors for medical appointments, grocery shopping, and senior citizens' center transportation free of charge (Attachment 27).</p> <p>The main regional roads are accessible from the project site. State Highway 53 is 0.4 miles in driving distance north of the subject property. U.S. Highway 49 is 13.2 miles in driving distance east of the subject property. Interstate Highway 10 is located approximately 18.1 miles in driving distance south of the subject property.</p> <p>Road 401 is a paved, two lane road that is adjacent to the [REDACTED] Society project.</p> <p>Source: Coast Transit Authority website; Site inspection by URS Corporation on October 27, 2010 (Attachment 2); Google Maps research by URS Corporation (November 28, 2010)</p>
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Natural Features	Code	Source or Documentation
Water Resources	1	<p>The proposed project will include the installation of a potable water supply well for its drinking water. The well is not anticipated to pump large quantities of water from the water table. Septic systems will be used for wastewater treatment and will be installed and maintained to prevent effluent from contaminating groundwater supplies. The proposed project will not withdraw surface water from the site.</p> <p>Source: Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>
Surface Water	1	<p>The proposed project will have no significant effect on surface water. Storm water runoff from the [REDACTED] proposed locations will flow southwest approximately 700 feet and west approximately 900 feet respectively into a lake located on the parcel, which is the nearest significant surface water body. Landscaping, drainage, and grading plans as well as new septic system wastewater treatment are not expected to negatively impact surface water bodies. The proposed site is approximately 0.5 miles from the Wolf River which has been designated a state scenic stream by the Mississippi state legislature under the Mississippi Scenic Streams Stewardship Program (Attachment 28). The proposed site is more than a mile from other streams that the state legislature has nominated for inclusion in the program.</p> <p>Sources: 2010 Aerial Photography; Site inspection by URS Corporation on October 27, 2010 (Attachment 2); Mississippi Code of 1972, as amended, sections 51-4-21 and 51-4-23</p>

Unique Natural Features and Agricultural Lands	1	<p>There are no unique natural features in or around the project site. A map showing the locations of the National Natural Landmarks in Mississippi is included as Attachment 29. The proposed project site and surrounding parcels are zoned as A-1 General Agriculture with prime farmland scattered throughout. Residential dwellings already exist on the project's current 81-acre parcel and therefore the parcel has already been converted from agricultural to nonagricultural use. The [REDACTED] project parcel is additionally zoned as an [REDACTED] and is being used for [REDACTED]. The proposed project location, construction activities, and activities of future residents will not affect nearby off-site agricultural lands.</p> <p>Sources: National Park Service National Registry of Natural Landmarks; Site inspection by URS Corporation, October 27, 2010 (Attachment 2); Harrison County Zoning Web Mapping Application</p>
Vegetation and Wildlife	1	<p>A desktop review and field evaluation of the [REDACTED] project site was conducted by a trained biologist on October 27, 2010 to evaluate the flora and fauna that reside in or near the subject site. The parcel is located in a rural agricultural area. The flora for the site is consistent with the surrounding properties and currently consists of upland piney woods, open manicured lawn, and a small wetland / bottomland hardwood area associated with an on-site pond. Only the manicured lawn and the upland piney woods will be disturbed by the proposed project. The fauna in the area is again consistent with the native species found on the neighboring properties and typical to a rural area. Although no wildlife was observed on the property, typical rural related wildlife is expected to traverse and utilize the property. The existing 81-acre parcel is fenced with a chain-linked fence which may somewhat restrict the access to the site by fur bearing animals. Wildlife may also utilize the lake located on the southwest portion of the parcel as a water resource. This project will not involve any work that may disturb any on-site wildlife.</p> <p>Photographs of the site can be found in Attachment 2.</p> <p>Sources: Site inspection by URS Corporation on October 27, 2010 (Attachment 2)</p>

Other Factors
[24CFR §58.6]

Code

Source or Documentation

Flood Disaster Protection Act [Flood Insurance] [§58.6(a)]	1	<p>The southwestern corner of the applicant's 81-acre parcel of land is located in a Floodplain Zone AE and a 0.2 Percent Annual Chance Flood Hazard Zone (500 year Floodplain). However, the 3.4-acre proposed project site is located on the northeastern portion of the parcel and is in a Floodplain Zone X, which is not within a FEMA-designated Special Flood Hazard Area as shown on FEMA's DFIRM, Panels 105 and 110 of 575 for Harrison County, Mississippi, Map Numbers 28047C0110D, effective June 16, 2009 and 28047C0105D effective June 16, 2009. Therefore, flood insurance is not required for participation in this program in accordance with 24 CFR 58.6(a). See Attachment 4 for the DFIRM Map of the Proposed Action Site.</p> <p>Source: FEMA DFIRM Maps (Map Numbers 28047C0110D, effective June 16, 2009 and 28047C0105D, effective June 16, 2009);</p>
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Coastal Barrier Resources Act/Coastal Barrier Improvement Act [§58.6(c)]	1	<p>The proposed project site is approximately 26.3 miles away from the closest coastal barrier, and therefore would not cause an impact to coastal barrier resources. See Attachment 30 for a map showing the component of the coastal barrier resource system closest to the [REDACTED] project.</p> <p>Source: USFWS, List of Coastal Barrier Resources System Units</p>
Airport Runway Clear Zone or Clear Zone Disclosure [§58.6(d)]	1	<p>The proposed action is in compliance. The site is not located within a Runway Clear Zone or Clear Zone and is not subject to applicable regulations. The nearest applicable Clear Zone is located at Stennis International Airport at a distance of 16.1 miles. See Attachment 31 for the map of the closest Clear Zone to the [REDACTED] project.</p> <p>Source: 24 CFR Part 58.6(d)</p>
Other Factors		None.

Summary of Findings and Conclusions

ALTERNATIVES TO THE PROPOSED ACTION

Alternatives and Project Modifications Considered [24 CFR 58.40(e), Ref. 40 CFR 1508.9] (Identify other reasonable courses of action that were considered and not selected, such as other sites, design modifications, or other uses of the subject site. Describe the benefits and adverse impacts to the human environment of each alternative and the reasons for rejecting it.)

The following alternatives to the proposed action were considered:

- No action (see below)
- Relocating the project to an alternative site

No Action Alternative [24 CFR 58.40(e)]

(Discuss the benefits and adverse impacts to the human environment of not implementing the preferred alternative).

An advantage of the no action alternative is that erosion from earthwork activities and adverse impacts to receiving waters would not occur. Another advantage would be that temporary noise increases due to construction activities would not occur. The primary disadvantage of the no action alternative is that much needed social services facilities would not be built on the proposed site to help meet the needs of Harrison County residents and residents throughout Mississippi.

Relocating the project to an alternative site

Relocating the project is not a very practicable alternative. The applicant owns the proposed project site and would otherwise need to locate and obtain a new site for the group home and education/vocational facility, which would significantly increase the cost of the project. Additionally, the proposed site is adjacent to existing group homes operated by the [REDACTED]. The education/vocational facility is intended for use as an educational and vocational training facility, for use by the residents of the existing and proposed group homes. For logistical and financial feasibility of use, the project is dependent on being located in close proximity to the group home facilities. Therefore, the proposed project location would best serve the educational and vocational needs of the residents of the [REDACTED]. Constructing the project will have minimal negative impacts as the parcel is in an area already designated for educational and residential use.

MITIGATION MEASURES RECOMMENDED [24 CFR 58.40(d), 40 CFR 1508.20]

(Recommend feasible ways in which the proposal or its external factors should be modified in order to minimize adverse environmental impacts and restore or enhance environmental quality.)

Mitigation of Other Construction and Demolition Impacts

Require the demolition and construction contractors to implement the following measures for mitigation of demolition and construction impacts:

- Limit removing vegetation and land clearing to only the extent necessary to construct the proposed project areas.
- Revegetate cleared areas as soon as possible
- Outfit all equipment with operating mufflers
- Limit construction from Monday through Saturday from 7 a.m. to 5 p.m.
- Use water or chemical dust suppressant in exposed areas to control dust
- Cover the load compartments of trucks hauling dust-generating materials

- Wash heavy trucks and construction vehicles before they leave the site
- Use ultra-low-sulfur diesel fuel and minimize idling
- Reduce vehicle speed on non-paved areas and keep paved areas clean
- Retrofit older equipment with pollution controls
- Establish and follow specified procedures for managing contaminated materials discovered or generated during construction
- Employ spill mitigation measures immediately upon a spill of fuel or other hazardous material

Permanent Mitigation of Stormwater Impacts

- Implement and maintain erosion and sedimentation control measures sufficient to prevent deposition of sediment and eroded soil in offsite wetlands and to prevent erosion in offsite wetlands
- Direct all runoff from paved and improved areas into a drainage system meeting the local building code and permit requirements
- Maintain vegetation on all exposed soil

ADDITIONAL STUDIES PERFORMED

(Attach studies or summaries)

NHPA Section 106 Cultural Resource Referral (Attachment 3)
Threatened and Endangered Species Assessment (Attachment 8)
Wetlands Assessment (Attachment 5)

LIST OF SOURCES, AGENCIES AND PERSONS CONSULTED [40 CFR 1508.9(b)]

2000 Census data for Harrison County and Saucier, Mississippi

2010 Aerial Photography

American Medical Response website;
<http://www.amr.net/About-AMR/Locations/Operations/Mississippi/Gulfport.aspx>

City of Gulfport Little Theatre website; <http://www.gulfportlittletheatre.org/>

Clean Air Act, Sections 176 (c) and (d), and 40 CFR 6, 51, 93

Coast Transit Authority website; <http://www.coasttransit.com/index.php?pid=1>

Executive Order 11988, Environmental Justice, Section 1-101

Executive Order 11990, Protection of Wetlands, May 24, 1977, 42 FR 26961

Farmland Protection Policy Act regulations, 7 CFR 658.3

FEMA DFIRM Map Numbers 28047C0110D effective June 16, 2009 and 28047C0105D effective June 16, 2009

Garden Park Medical Center website; <http://www.gpmedical.com/default.asp>

Google Maps research by URS Corporation

Harrison County Fire Services website; <http://co.harrison.ms.us/departments/fire%20services/>

Harrison County Library System website; <http://www.harrison.lib.ms.us/>

Harrison County Parks and Recreation website; <http://co.harrison.ms.us/departments/parks/>

Harrison County School District website; <http://www.harrison.k12.ms.us/Home/tabid/36/Default.aspx>

Harrison County Senior Services web page; <http://co.harrison.ms.us/departments/senior%20services/>

Harrison County Sheriff's Department website; <http://www.harrisoncountysheriff.com/>

Harrison County Zoning Ordinance, effective date August 28, 2000

Harrison County Zoning Web Mapping Application; <http://gis.co.harrison.ms.us/harcozoning/>

Mississippi Band of Choctaw Indians Correspondence sent on November 8, 2010

Mississippi Children's Home Services website; <http://www.mchscares.org/index.html>

Mississippi Code of 1972, as amended, sections 51-4-21 and 51-4-23 (Scenic Streams Stewardship Program); <http://www.mscode.com/free/statutes/51/004/index.htm>

Mississippi Department of Archives and History (MDAH) Correspondence sent on November 8, 2010

Mississippi Department of Environmental Quality (MDEQ), *Field Manual for Erosion and Sediment Control on Construction Sites in Mississippi*;

[http://www.deq.state.ms.us/MDEQ.nsf/pdf/NPS_Field_Manual_For_Erosion_And_Sediment_Control_Version_2/\\$File/NPS_FieldManualV2.pdf?OpenElement](http://www.deq.state.ms.us/MDEQ.nsf/pdf/NPS_Field_Manual_For_Erosion_And_Sediment_Control_Version_2/$File/NPS_FieldManualV2.pdf?OpenElement)

Mississippi Department of Human Services, Division of Community Services, County Directory; <http://www.mdhs.state.ms.us/csdir.html>

Mississippi Department of Human Services, Division of Economic Assistance, County/Regional Directory; www.mdhs.state.ms.us/eadirectory1.htm

Mississippi Department of Marine Resources Correspondence dated October 27, 2008

Mississippi Division of Medicaid, Regional Office Listing; <http://www.medicaid.ms.gov/RegionalOffices.aspx>

Mississippi Gulf Coast Official website; <http://www.gulfcoast.org/>

Mississippi's West Coast website; <http://www.mswestcoast.org/>

MyTopo.com Topographic Elevation Contour Map; <http://www.mytopo.com/>

National Ambient Air Quality Standards (NAAQS)
http://deq.state.ms.us/MDEQ.nsf/page/Air_AirQualityPlanningandEmissionStandards?OpenDocument

National Park Service, National Registry of Natural Landmarks, www.nature.nps.gov/nnl/

National Wetlands Inventory Map
<http://www.fws.gov/wetlands/Data/Mapper.html>

Site inspection by URS Corporation on October 27, 2010

United States Army Corps of Engineers (USACE) Correspondence dated January 26, 2009

United States Department of Agriculture (USDA), Soil Survey of Harrison County, Mississippi, as available online through Web Soil Survey: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) Official Soil Series Descriptions; <https://soilseries.sc.egov.usda.gov/osdname.asp>

United States Department of Housing and Urban Development (HUD) guidance on farmland protection www.hud.gov/offices/cpd/environment/review/ga/farmlandprotection.cfm

United States Department of Housing and Urban Development (HUD) Handbook 4910.1, Minimum Property Standards for Housing, 1994 Edition.
<http://www.nls.gov/offices/adm/hudclips/handbooks/hsg/4910.1/index.cfm>

United States Environmental Protection Agency (EPA) Region 4: Ground Water Protection, Sole Source Aquifers in the Southeast: <http://epa.gov/region4/water/groundwater/r4ssa.html>

United States Environmental Protection Agency (EPA), Non-Attainment Map
<http://www.epa.gov/oaqps001/greenbk/mapnmpoll.html>

United States Fish and Wildlife Service, John H. Chafee Coastal Barrier Resources System, Effective CBRS Maps
http://projects.dewberry.com/FWS/CBRS%20Maps/Forms/AllItems1.aspx?Paged=TRUE&p_FSObjType=0&p_State=MI&p_ID=608&View=%7bF09E5284%2d3FDF%2d4723%2d890D%2d764A5274D753%7d&PageFirstRow=301

United States Fish and Wildlife Service (USFWS) Correspondence dated December 16, 2010 and October 14, 2008

Wild and Scenic Rivers Act, Sections 3 and 5 and 7



**Mississippi Development Authority Project
Neighborhood Home Program Archaeological Inspection Form**

Team Lead: P. Hutchins Field Crew (initials): JCB Date: 04/15/13

Agency: Mississippi Development Authority/Application ID #: <u> </u>	
<u> </u>	
Street Address: <u> </u>	City, County: Biloxi, Harrison
USGS Quad Name: BILOXI	
Tax Lot #: <u> </u>	
UTM Coordinates: <u> </u>	DFIRM: 0.2 PCT ANNUAL CHANCE FLOOD HAZARD, AE, X

Reported Project Description

- Proposed Action "1" Structure anticipated to be less than 3 feet outside existing footprint, on same parcel.
 Proposed Action "2" Structure anticipated to extend more than 3 feet outside of existing footprint, on same parcel.
 Proposed Action "3" Replacement of existing structure with structure elsewhere on parcel.
 Proposed Action "4" Unknown.

Actual Project Description (as observed by Field Crew)

Action "1" Action "2" Action "3" Return visit required after call to mark buried utilities

Reported Construction Description (Status as communicated by Applicant)

Completed Started Not Started Unknown (Not Provided by Applicant)

Current Construction Description (Status as observed by Field Crew)

Completed Started Not Started Unknown (Unable to determine)

Rationale for Selection

- Previously Recorded Archaeological Site Previously Recorded Standing Structure
 Previously Recorded NRHP Property Previously Recorded NRHP District
 High Archaeological Potential Other _____
 (based on Archaeological Sensitivity Map)

GPS Points Taken:

Structure Photo Outbuilding Locus Shovel Test Other _____

Context (Proposed Action Site)

Max Length (ft): 775 Max Width (ft): 400 Acres: 7.12
 Vegetation: Overgrown Lawn Pasture Other Wetlands
 Slope (%): < 5 5-10 10-15 >15
 Landform: Bluff/Knoll Chenier Ridge Coastal Plain / Natural Levee
 Terrace Upland Rolling Other _____

Construction Type and Observed Ground Disturbance

Construction Type: Original New Unknown
 Foundation: Slab Pier-surface Pier-excavated Forms Chain Wall
 Footing and Wall Not Determined Other _____
 Surface Disturbance: Minimal Extensive Mixed Surface Exposure Range (%): 25%
 Agent(s): Natural Grading Construction Other _____
 Disturbance Location: Entire Parcel Disturbance Depth (cm): 5 cmbs

**Mississippi Development Authority
Archaeological Inspection Form**

Application ID #: [REDACTED] _____

Address: [REDACTED] _____

Methods and Results

Survey Methods: Pedestrian Shovel Testing Other _____

Pedestrian Transect Intervals (m): 3 5 10 15 Judgmental

Cultural Materials: Not visible Present Prehistoric Historic Modern

Excavated Shovel Tests #: 0 Other 3 _____ Containing Cultural Material #: 0 Other _____

Shovel Test Intervals (m): Judgmental Cardinal 5 15 30 Other _____

Subsurface Testing Methods: 30 x 50 cm 50 x 100 cm 50 x 100 cm tests and 100 cm hand probe

Range of depth of Cultural Deposits (cm): None found Cultural Materials at depth range _____

Artifact types observed (note if collected and number): No prehistoric or historic material was observed on the ground surface or found in the shovel test pits (STPs).

Shovel Test Results

Cultural Material(s): Aboriginal Ceramic Historic Glass Faunal
 Lithics Historic Metal Shell
 Euro-American Ceramic Other _____

Average Artifact Density (per shovel test): <5 5 to 25 > 25

Features: None identified Present Type & location: _____

Typical Subsurface Soil Profile

Shovel Test	Depth (cm)	Munsell	Texture		Depth (cm)	Munsell	Texture
Stratum I	0-5	10YR 2/2	Sd	Stratum IV			
Stratum II	5-35	7.5YR 5/6	Sd	Stratum V			
Stratum III	>35		gravel	Stratum VI			

Soil Probe	Depth (cm)	Munsell	Texture		Depth (cm)	Munsell	Texture
Stratum I				Stratum IV			
Stratum II				Stratum V			
Stratum III				Stratum VI			

Color: Black = B1 Brown = Br Gray = Gy Red = R White = W Yellow = Y
 Descriptors: Light = Lt Dark = Dk Very = V
 Soil Texture: Clay = Cl Loam = Lm Gravel = G Mottled = Mt Sand = Sa Silt = Si
 Descriptors: Coarse=C Medium = Md Fine = F

**Mississippi Development Authority
Archaeological Inspection Form**

Application ID #: 10NH15087

Address: 13320 Paradise Ln, Biloxi, MS

Cultural Resources Identified

Locus Identifier	Shovel Test No.	Transect	Cultural Resource Description

Comments The property consists of a level lot located on an upland rolling landform approximately 1.8 km (kilometers) north of the Tchoutacabouffa River. A double-wide mobile home with vinyl siding on cinderblock piers is situated in the eastern portion of the parcel. The proposed work entails replacing the existing building with a new pre-fabricated residence. Vegetation on the parcel is comprised of a grass lawn surrounded by thick trees. Ground surface visibility was approximately 25%. Prior disturbance as a result of grading, filling, and debris removal was observed. The location of the proposed work could be identified during the survey, thus an Action 2 field effort was employed. The field investigation included pedestrian survey, photographic documentation, and excavation of three shovel test pits (STPs) at cardinal directions around the proposed work location. A fourth shovel test, STP #1 was not excavated due to a safety hazard from the presence of buried utility lines and the proximity of the driveway, leaving no room to off-set its location. No artifacts were observed on the ground surface or found in the STPs. No archaeological sites were identified. No further work is recommended.

Digital Photograph Files: 10NH15087 AR P1-P5

Recommendations

- The inspection program found no evidence of archaeological materials. No further work is recommended.
- The inspection program encountered archaeological materials, but they appear to lack depositional integrity and are not likely to yield information important to local or regional prehistory or history. No further work is recommended.
- The inspection program encountered archaeological materials that are potentially significant and may yield information important to local or regional prehistory or history. Phase II National Register evaluative testing is recommended.

Team Leader: P. Hutchins (04/15/13) **Field Director:** _____

QA/QC Reviewer:

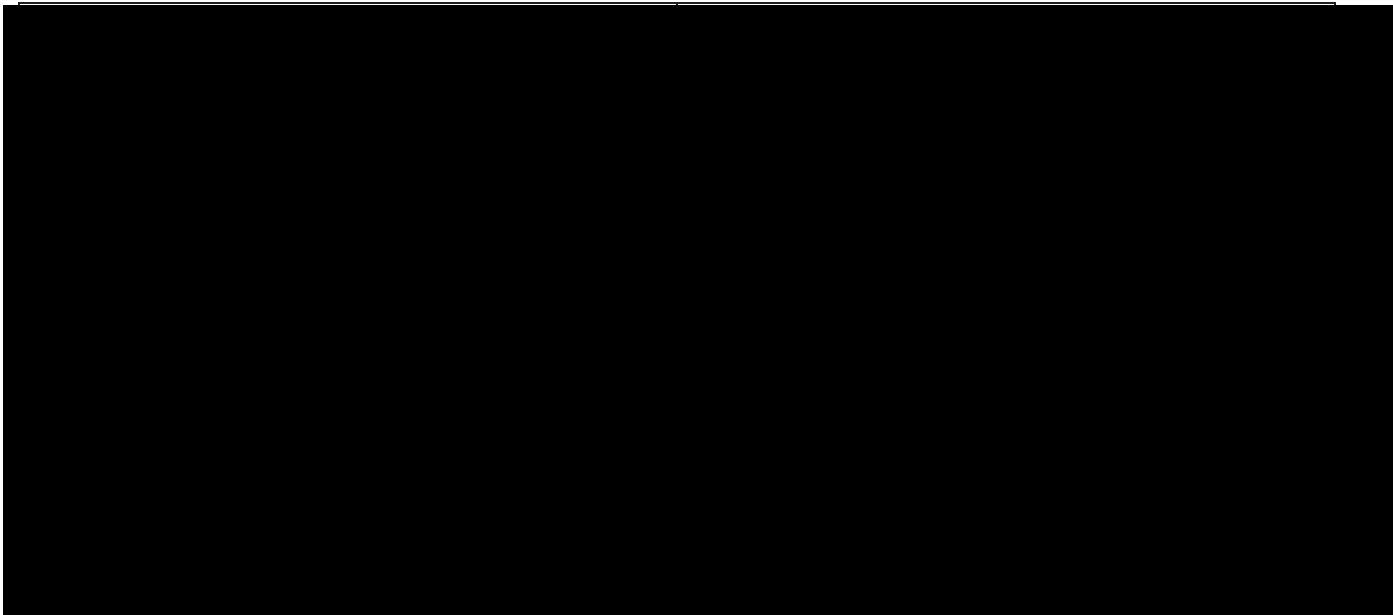
Name: Stephanie L. Perrault Signature: *Stephanie Perrault* Date: 04/24/13

Program Lead:

Name: Robert Lackowicz, RPA Signature: *[Signature]* Date: 04/25/2013

**Mississippi Development Authority Program
NRHP ELIGIBILITY AND EFFECTS ASSESSMENT FORM
Revised October 2011**

Program Application ID #: [REDACTED]		MDA Program: Neighborhood Home Program
Owner's Name: [REDACTED]		Surveyor / Date: David W. Ray / May 22, 2012
Street Address: 708 MAMIE ST		City, County: Hattiesburg, Forrest
Designated Mississippi Landmark?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No, but within defined Area of Potential Effects	
National Register Historic District?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No, but within defined Area of Potential Effects	
Local Historic District?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No, but within defined Area of Potential Effects	
National Register-Eligible Historic District?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No, but within defined Area of Potential Effects	
Preliminary National Register Evaluation Findings:		
<input type="checkbox"/> National Register Listed		
<input checked="" type="checkbox"/> Recommended Eligible: <input type="checkbox"/> Individually <input checked="" type="checkbox"/> As Contributing Resource		
<input type="checkbox"/> Recommended Ineligible: <input type="checkbox"/> In current state <input type="checkbox"/> Substantial integrity loss <input type="checkbox"/> Irretrievable integrity loss		
<input type="checkbox"/> Lacks Distinction <input type="checkbox"/> Not 50 Years		
Summary Assessment of Effects:		
<input type="checkbox"/> No Historic Properties Present or Affected <input type="checkbox"/> No Adverse Effect <input checked="" type="checkbox"/> Conditional No Adverse Effect		
<input type="checkbox"/> Adverse Effect: <input type="checkbox"/> Recommend Mitigation by PA <input type="checkbox"/> Do Not Recommend Mitigation by PA		



**Mississippi Development Authority Programs
NRHP ELIGIBILITY AND EFFECTS ASSESSMENT FORM
Revised October 2011**

USGS Quad Name: HATTIESBURG		Tax Parcel ID #: [REDACTED]		
UTM (NAD 27): 280517.73/3467082.28	ABFE:	Min:	Max:	Closest:
	DFIRM:	Min:	Max:	
	Ground Elevation:	Min:	Max:	
Architect, Builder or Designer (if known): Unknown	Owner: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Corporation <input type="checkbox"/> Local Gov. <input type="checkbox"/> State <input type="checkbox"/> Federal			
Architectural Classification/Resource Type: Single-story Craftsman Bungalow	Alterations & Dates: Pre-Katrina: Removal of porch floor and installation of longer boxed columns; Installation of asbestos cement shingle siding; Addition of cross-gabled projection to the east Post-Katrina: N/A			
Current Use: Single-Family Residence				
Date of Construction: 1940				
Window Type & Material: Double-hung, 3/1 and 4/1 Wood Windows	Exterior Surface Materials: Primary: Asbestos Cement Shingle Siding Secondary: Wood Trim Decorative: Wood Knee Braces, Gable Vents, and Boxed Columns			
Roof Type & Material: Front-gabled Roof with Asphalt Composition Shingles				
Condition: <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	Integrity: <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor			
Description of Undertaking: <input checked="" type="checkbox"/> Build on same footprint <input type="checkbox"/> Build on same footprint and expand building size at the: <input type="checkbox"/> front <input type="checkbox"/> rear <input type="checkbox"/> (direction) side <input type="checkbox"/> unknown <input type="checkbox"/> Build on new footprint <input type="checkbox"/> Demolish existing building <input type="checkbox"/> Unknown		MDA Program repair status at time of survey: <input checked="" type="checkbox"/> Not started <input type="checkbox"/> In progress <input type="checkbox"/> Completed <input type="checkbox"/> Interior only <input type="checkbox"/> All new construction		

Lower Rio Grande Valley Development Council Round 2.2 Disaster Recovery Program

Site Specific Checklist

Statutory Checklist for Compliance with 24 CFR §58.5 – NEPA Related Federal Laws and Authorities

Use this worksheet for projects that are Categorically Excluded Subject to 24 CFR §58.5 listed at 24 CFR §58.35(a) and for projects that require an Environmental Assessment.

Project Name: Lower Rio Grande Valley Development Council Round 2.2 Disaster Recovery Program

Project Description: This project proposes to reconstruct a one-story, single-family residence that sustained damage from Hurricane Dolly. The project does not propose to expand the existing footprint, as all activities would be limited to the existing footprint. The date that the residence was constructed is listed as 1970 on the County Appraisal District record; however, the architectural historian findings show that the date of construction of the 1930's may be more accurate. The City of La Feria recently changed the address for this home from [REDACTED] to the current address, [REDACTED]; however, the County Appraisal District Information document has not been updated and the address listed on the City Appraisal document in Appendix A provides the previous address. Both addresses are for the same property.

ERR FILE #: [REDACTED]

- Definitions:** **A:** The project is in compliance.
 B: The project requires an additional compliance step or action.

Statute, Authority, Executive Order Cited at 24 CFR §58.5	A	B	COMPLIANCE FINDING	SOURCE DOCUMENTATION
58.5(a) Historic Properties [36 CFR 800]	A		<p>The proposed project is in compliance for Section 106. A review of CAD records and an assessment of the house style by a SOI-qualified architectural historian determined the existing house is more than 45 years old, but is not a historic property. The proposed project site is not located within a known archaeological site, NRHP-listed or NRHP-eligible historic district, local historic district or conservation district.</p> <p>Section 106 coordination was performed with THC, stating the above results and that no historic properties would be affected by the undertaking. The THC concurred with this determination. No further consultation with THC is required for this undertaking.</p>	Source: Letter from the Texas Historical Commission, dated May 15, 2013

58.5(b)(1) Floodplain Management [24 CFR 55, Executive Order 11988]	A	The proposed project action is in compliance. The site is located within Flood Zone C, which is not part of the FEMA-designated Special Flood Hazard Area as shown on the Federal Emergency Management Agency's Flood Insurance Rate Map (FIRM) (see Floodplain Map in Appendix B, Floodplain Management). Therefore, the proposed action is not subject to floodplain regulations. See DFIRM Floodplain Map included in Appendix B, Attachment 2.	Source: 24 CFR Part 55; Executive Order 11988; Federal Emergency Management Agency's Flood Insurance Rate Map (FIRM)
58.5(b)(2) Wetland Protection [24 CFR 55, Executive Order 11990]	A	The proposed project is in compliance. There are no wetlands within the project site. While wetlands may be adjacent to the project site, the proposed project would involve the reconstruction of an existing structure, without expanding its footprint, and thereby would not create a wetlands issue. A figure showing proximity of wetlands to the proposed action site is located in Appendix B, Wetland Protection.	Sources: Executive Order 11990, Protection of Wetlands; U.S. Fish and Wildlife Service (USFWS), Wetlands Online Mapper, National Wetlands Inventory Map
58.5(c) Coastal Zone Management [Coastal Zone Management Act sections 307(c) & (d)]	A	The proposed project action is in compliance. This project is located in Cameron County, which is partially located within the Texas Coastal Zone. However, the proposed project itself is not located within the Texas Coastal Zone, and will therefore have no direct or indirect impacts to coastal wetlands or coastal habitat (see map in the Coastal Zone Management attachment, below).	GLO Coastal Management Program; Coastal Zone Management Act sections 307(c) & (d)
58.5(e) Endangered Species [50 CFR 402]	A	The proposed project action is in compliance. The proposed action is classified as the reconstruction of a structure within the existing footprint. Repair or reconstruction of an existing structure with no expansion of the footprint of the structure will have "No Effect" on any federally listed threatened or endangered species or any migratory birds. Furthermore, no bird nesting was observed during the initial site visit (see Site Inspection Form included in Attachment A). Therefore, the review is concluded.	Source: Endangered Species Act, 50 CFR 402
58.5(h) Farmland Protection [7 CFR 658]	A	The proposed action site is in compliance. The action is classified as the reconstruction of a structure within the same footprint as the original and does not involve acquisition of undeveloped land, conversion of undeveloped land, or new construction. As defined in 7 CFR 658.3, "Farmland" does not include land already in or committed to urban development or water storage. Therefore, the proposed action, reconstruction of a structure on a parcel with pre-existing development, does not meet the definition of "Farmland".	Source: Farmland Protection Policy Act [7 CFR Part 658]

<p>58.5(i)(1) Noise Control and Abatement [24 CFR 51B]</p>	<p>A</p>	<p>The proposed project is in compliance. HUD policy requires that adequate consideration be given to noise exposure and sources of noise that may impact the proposed project site. Noise analysis is required for projects within 1,000 feet of a major or arterial roadway, 3,000 feet of a railroad, and/or within the noise contours of a major airport.</p> <p>The proposed project site is within 1,000 feet of one major or arterial roadway and is within 3,000 feet of a railroad. The outdoor weighted average day-night sound level (DNL) calculated in accordance with HUD Noise Assessment Guidelines is 62.6 decibels (dB), which HUD regulations classify as acceptable and allowable since it does not exceed 65 dB.</p> <p>Construction noise will be a temporary impact that will be controlled by Best Management Practices. Construction noise will be within applicable city, state and federal codes. Thus, construction noise is not expected to have an impact to the project or surrounding areas.</p>	<p>Sources: U.S. Department of Housing and Urban Development (HUD) Day/Night Noise Level Electronic Assessment Tool; HUD Noise Guide; 24 CFR Part 51 Subpart B</p>
<p>58.5 (i) (1) Explosive and Flammable Operations [24 CFR 51C]</p>	<p>A</p>	<p>The proposed project is in compliance. The number of dwelling units on the Proposed Action Site would not increase above that present and thus the number of persons exposed to a potential explosive or flammable hazard as defined by HUD would not increase.</p>	<p>Source: 24 CFR Part 51, Subpart C</p>
<p>58.5(i)(1) Airport Hazards (Runway Clear Zones and Clear Zones/Accident Potential Zones) [24 CFR 51D]</p>	<p>A</p>	<p>The proposed action is in compliance. The site is not located within an Accident Potential Zone (APZ), Runway Protection Zone (RPZ), or Clear Zone (CZ) and is not subject to applicable regulations. There are no military airfields within Cameron County. The nearest applicable RPZ is located at Valley International Airport, located approximately 11 miles east-northeast of the proposed action site (see Airport Hazards below).</p>	<p>National Plan of Integrated Airport Systems (2013-2017): http://www.faa.gov/airports/planning_capacity/npas/reports/media/2013/npas2013AppendixBPart5.pdf; http://www.globemaster.de/regbas.html; 24 CFR Part 51, Subpart D</p>



<p>58.5(i)(2)(i) Contamination and Toxic Substances [24 CFR 58.5(i)(2)]</p>	<p>B</p>	<p>The proposed action is in compliance with 24 CFR 58.5(i)(2)(i) and (iii). There are no obvious signs of hazardous, toxic, or radioactive materials and substances on the proposed action site. 18 TCEQ PST sites, 8 TCEQ PST/LPST sites, and 1 Resource Conservation and Recovery Act (RCRA) site are located within 3,000 feet of the Proposed Action Site. These sites have been reviewed and determined to not represent a recognized environmental condition at the site, see attached Toxics Summary in Appendix B, Toxic Chemicals and Radioactive Materials.</p> <p>The property was built before 1978 and as such is suspect for asbestos containing materials (ACMs) and lead-based paint (LBP). Testing for ACMs and LBP shall be conducted as required by and in accordance with local, state and federal laws. Mitigation measures are described in the Mitigation Measures Needed section below.</p>	<p>Source: 24 CFR Part 58.5(i)(2)(i) and (iii); 24 CFR Part 51, Subpart C; US EPA EnviroFacts online database (http://www.epa.gov/enviro/geo_data.html); TCEQ Groundwater Assessment and Remediation Division (GARD) online database; TCEQ Solid Waste Management online databases; TCEQ PST and LPST databases</p>
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MITIGATION MEASURES AND CONDITIONS FOR PROJECT APPROVAL:

Lead Paint:

- 1) Testing for LBP shall be conducted as required by and in accordance with local, state and federal laws.
- 2) Contractor must mitigate according to federal, state and local regulations, and comply with 24 CFR Part 35.
- 3) Contractor must have certified personnel, as required by federal, state and local regulations to supervise the proper handling of lead-based paint and provided proper protective equipment for the workers directly working with lead paint.
- 4) Debris should be disposed of according to the applicable federal and state regulations.

Asbestos:

- 1) Testing for ACMs shall be conducted as required by and in accordance with local, state and federal laws.
- 2) Contractor must mitigate according to federal, state and local regulations.
- 3) Contractor must have certified personnel to supervise the proper handling of asbestos and provide proper protective equipment for the workers directly handling the asbestos.
- 4) Debris should be disposed of according to the applicable federal and state regulations.



DETERMINATION:

Property Address: _____

- Box "A" has been checked for all authorities.** For Categorically Excluded actions pursuant to §58.35(a) can convert to Exempt, per §58.34(a) (12) [Does not apply to EA or EIS level reviews], since the project does not require any compliance measures (e.g., consultation, mitigation, permit or approval) with respect to any law or authority cited at §58.5. The project is now made Exempt and **funds may be drawn down**; OR
- Box "B" has been checked for one or more authority.** For Categorically Excluded actions pursuant to §58.35(a), the project cannot convert to Exempt since one or more authority requires compliance, including but not limited to consultation with or approval from an oversight agency, performance of a study or analysis, completion of remediation or mitigation measure, or obtaining of license or permit. **Complete pertinent compliance requirement(s), publish NOI/RROF, request release of funds (HUD-7105.15), and obtain HUD's Authority to Use Grant Funds (HUD-7015.16) per §58.70 and §58.71 before committing funds**; OR
- This project is not a Categorically Excluded action pursuant to §58.35(a), or may result in a significant environmental impact to the environment, and requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER:

Lauren LeBlanc
Preparer's Signature

Lauren LeBlanc
Preparer's Name (printed)

6/5/2013
Date

Environmental Scientist
Title (printed)

AUTHORIZED RESPONSIBLE ENTITY OFFICIAL:

Authorized Responsible Entity Signature

Date

Authorized Responsible Entity Name (printed)

Title (printed)

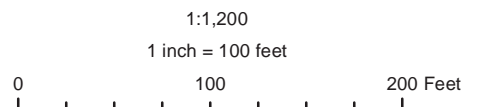
Lower Rio Grande Valley Development Council Site Map

Application ID#: LRGV00521
Address: 400 W 7th St
City: La Feria

Latitude/Longitude: 1717600.9956/6896741.6227



-  Proposed Action Site
-  Parcels



Cameron CAD

Property Search Results > [REDACTED]

Property

Account

Property ID: [REDACTED] Agent Code: [REDACTED]
 Type: Real
 Property Use Code:
 Property Use Description:

Location

Address: [REDACTED] Mapsco:
 Neighborhood: conv neighborhood Map ID: 03-02-00
 Neighborhood CD: 299680

Owner

Name: [REDACTED] Owner ID: 80899
 Mailing Address: [REDACTED] % Ownership: 100.000000000000%
 Exemptions: HS, OV65

Values

(+) Improvement Homesite Value:	+	\$21,033
(+) Improvement Non-Homesite Value:	+	\$358
(+) Land Homesite Value:	+	\$14,854
(+) Land Non-Homesite Value:	+	\$0 Ag / Timber Use Value
(+) Agricultural Market Valuation:	+	\$0 \$0
(+) Timber Market Valuation:	+	\$0 \$0

(=) Market Value:	=	\$36,245
(-) Ag or Timber Use Value Reduction:	-	\$0

(=) Appraised Value:	=	\$36,245
(-) HS Cap:	-	\$0

(=) Assessed Value:	=	\$36,245

Taxing Jurisdiction

Owner: [REDACTED]
 % Ownership: 100.000000000000%
 Total Value: \$36,245

Entity	Description	Tax Rate	Appraised Value	Taxable Value	Estimated Tax	Tax Ceiling
CAD	CENTRAL APPRAISAL DISTRICT	0.000000	\$36,245	\$36,245	\$0.00	
CLA	CITY OF LA FERIA	0.700000	\$36,245	\$36,245	\$253.72	\$258.87
GCC	CAMERON COUNTY	0.384291	\$36,245	\$24,245	\$78.84	\$77.46
ILA	LA FERIA I.S.D	1.300000	\$36,245	\$11,245	\$4.65	\$0.00
SST	SOUTH TEXAS I.S.D	0.049200	\$36,245	\$36,245	\$17.83	
Total Tax Rate:		2.433491				
					Taxes w/Current Exemptions:	\$355.04
					Taxes w/o Exemptions:	\$882.02

Improvement / Building

Improvement #1: Residential State Code: A Living Area: 1300.0 sqft Value: \$21,033

Type	Description	Class CD	Exterior Wall	Year Built	SQFT
MA	MAIN AREA	RF3	WB	1970	1300.0
OP1	OPEN PORCH 1/3	*		1970	144.0
CP1	CARPOR 1/3	*		1970	714.0
FL4	CHAIN LINK FENCE 4'	*		2002	295.0
CCD	CONCRETE DRIVE	*		2002	250.0

Improvement #2: Residential State Code: A Living Area: sqft Value: \$358

Type	Description	Class CD	Exterior Wall	Year Built	SQFT
TF1	STORAGE FRAME 1	*		1971	216.0

Land

#	Type	Description	Acres	Sqft	Eff Front	Eff Depth	Market Value	Prod. Value
1	RES	RESIDENTIAL	0.2200	9583.00	100.00	95.83	\$14,854	\$0

Roll Value History

Year	Improvements	Land Market	Ag Valuation	Appraised	HS Cap	Assessed
2013		\$21,391	\$14,854	0	36,245	\$0 \$36,245
2012		\$26,825	\$14,854	0	41,679	\$0 \$41,679
2011		\$26,899	\$14,375	0	41,274	\$0 \$41,274
2010		\$26,973	\$14,375	0	41,348	\$0 \$41,348
2009		\$27,047	\$14,375	0	41,422	\$0 \$41,422
2008		\$27,122	\$14,375	0	41,497	\$0 \$41,497
2007		\$27,196	\$14,375	0	41,571	\$0 \$41,571
2006		\$27,231	\$14,375	0	41,606	\$0 \$41,606
2005		\$24,151	\$14,375	0	38,526	\$0 \$38,526
2004		\$24,151	\$11,020	0	35,171	\$0 \$35,171
2003		\$24,151	\$11,020	0	35,171	\$2,805 \$32,366
2002		\$23,085	\$5,510	0	28,595	\$0 \$28,595
2001		\$23,082	\$5,510	0	28,592	\$0 \$28,592

Deed History - (Last 3 Deed Transactions)

#	Deed Date	Type	Description	Grantor	Grantee	Volume	Page	Deed Number
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2013 data current as of May 14 2013 4:25AM.
2012 and prior year data current as of Apr 10 2013 1:18PM

Website version: 1.2.2.2

Database last updated on: 5/14/2013 4:25 AM
This site only supports Internet Explorer 6+, Netscape 7+ and Firefox 1.5+.

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SITE INSPECTION FORM
 Community Development Block Grant (CDBG)
 Hurricane Ike/Dolly Disaster Recovery Program



Applicant ID #: LRGV00521	
Subrecipient Name: Lower Rio Grande Valley Development Council	Contract Number: [REDACTED]
Household Name: [REDACTED]	Inspection Date: 2/22/2013
Household Address: [REDACTED]	
Inspector: Norma Contreras	Parcel Status: Structure Exists
How is Location Verified: Parcel & mailbox	

Describe Assisted Properties Structural Deficiencies:
<p>Was the home damaged by a Hurricane? Yes</p> <p>If so, which hurricane? Dolly</p> <p>Damage description: Exter:= roof, piers. Int:= ceiling and floors. Unknown if any wall damage due to walls have panelling.</p> <p>Is the damage repaired? No</p> <p>Comments:</p> <p>Is there a City posting indicating property is condemned? No</p> <p>Would the condition of the home require 11.01A? No</p>

Environmental Observations:
<p>Are there any security issues on site? Other</p> <p>Comments: no security issues</p> <p>Are there any 55-gallon Drums visible on site or adjacent parcel? No</p> <p>Comments:</p> <p>If drums are present, what is the use of Drum on site or on adjacent parcel?</p> <p>Comments:</p> <p>If drums are present, are the drums labeled? N/A</p> <p>Are there any signs of dumping? No</p> <p>Comments:</p> <p>Are there any signs of underground storage tanks on the parcel or adjacent parcel(s)? No</p>

Environmental Observations:

Comments:

Are there any unusual objects observed? No

Comments:

Are there any signs of poor housekeeping observed? No

Comments:

Is there distressed Vegetation on the parcel or adjacent parcels? No

Comments:

Is there any stained soil or pavement on the parcel or adjacent parcels? No

Comments:

Are there any pungent, foul or noxious odors detected? No

Comments:

Is there any dumped material or soil on parcel or adjacent parcel? No

Comments:

Are there any signs of AST's on parcel or adjacent parcels? No

Comments:

If AST's are present, what is the approximate size (Gallons):

Is there a Dike around AST? No

What are the estimated dimensions of the dike?

Are any site hazards observed? None

Comments: none

Were any traffic hazards observed? None

Comments: none

Are wetlands present? No

Comments:

If present, how far is wetland from home?

Are there any obvious signs of birds nesting? No

Comments:

Afame G. Carter

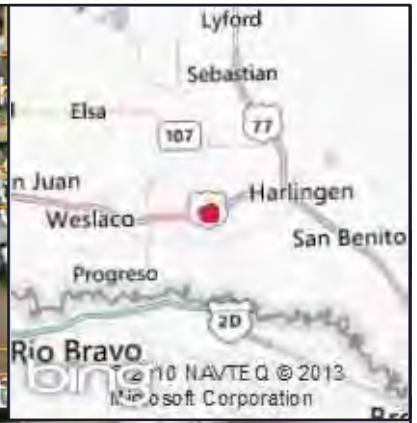
Site Inspector Signature

Date 2/22/2013

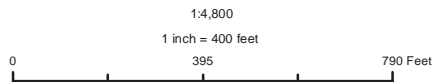
Lower Rio Grande Valley Development Council Archaeology Map

Application ID#: [REDACTED]
 Address: [REDACTED]
 City: [REDACTED]

Latitude/Longitude: 1717600.9956/6896741.6227



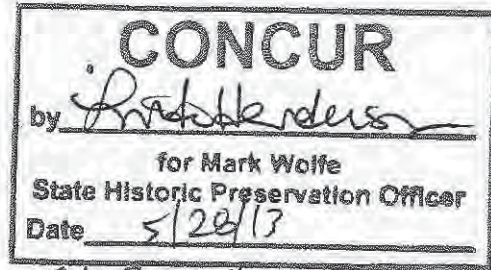
- Proposed Action Site
- Archaeological Site
- Parcels
- Cemetery





May 15, 2013

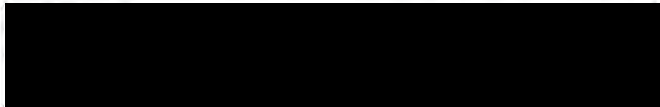
Ms. Kelly Little
Texas Historical Commission
P.O. Box 12276
Austin, Texas 78711



TMC Track # 2013 08/29

**Lower Rio Grande Valley Development Council
Hurricane Dolly Disaster Recovery Housing Program
Determination of Eligibility for Listing in the National Register of Historic Places**

Application ID:



Dear Ms. Little:

We are coordinating with you under Section 106 of the National Historic Preservation Act. This program is funded with a Community Development Block Grant from the Department of Housing and Urban Development, through the Texas General Land Office. Its focus is to provide single-family residence housing assistance, either by rehabilitating a damaged existing home or, more commonly in this area, through demolition of the existing home and replacing it with a new building. This program is restricted to single family residences within Cameron, Hidalgo and Willacy Counties. The house shown here was privately owned by the occupant when the storm struck on July 23, 2008.




Using the criteria for evaluation (36 CFR 60.4), we have determined that this house is **not eligible** for listing in the National Register of Historic Places, either individually or as part of a current or potential historic district. We request your concurrence with this determination.

If you require additional information or have any questions or concerns, please contact me at (409)877-1706 or erica.howard@urs.com. Thank you for your attention to this request.

Respectfully yours,

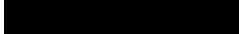
Erica Howard
Historic Preservation Specialist
URS Corporation

SECTION I - LOAN INFORMATION

<p>1. LENDER NAME AND ADDRESS 7968P01A-P32 URS CORPORATION 7389 FLORIDA BLVD SUITE 300 BATON ROUGE LA 70806 REQUESTER : KARYN HARRISON FAX# : (225) 922-5701 PHONE# : (225) 922-5700</p>	<p>2. COLLATERAL (Building/Mobile Home/Personal Property) PROPERTY ADDRESS (Legal Description may be attached)  LOT: BLK: PARCEL:  </p>
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3. LENDER ID. NO.	4. LOAN IDENTIFIER LRGV00521	5. AMOUNT OF FLOOD INSURANCE REQUIRED \$
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SECTION II

A. NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMMUNITY JURISDICTION			
NFIP Community Name 	County(ies) CAMERON	State Tx	NFIP Community Number 480106

B. NATIONAL FLOOD INSURANCE PROGRAM (NFIP) DATA AFFECTING BUILDING/MOBILE HOME				
NFIP Map Number or Community - Panel Number (Community name, if not the same as "A") NONE	NFIP Map Panel Effective/Revised Date	LOMA / LOMR Yes Date	Flood Zone C	NO NFIP Map ✓

C. FEDERAL FLOOD INSURANCE AVAILABILITY (Check all the apply)

1. Federal Flood Insurance is available (community participates in NFIP). Regular Program Emergency Program of NFIP

2. Federal Flood Insurance is not available because community is not participating in the NFIP.

3. Building/Mobile Home is in a Coastal Barrier Resources Area (CBRA) or Otherwise Protected Area (OPA), Federal Flood Insurance may not be available.
 CBRA/OPA designation date : _____

D. DETERMINATION **Determination based on legal description provided by lender.**

IS BUILDING/MOBILE HOME IN SPECIAL FLOOD HAZARD AREA (ZONES CONTAINING THE LETTERS "A" OR "V")? YES NO

If yes, flood insurance is required by the Flood Disaster Protection Act of 1973.
 If no, flood insurance is not required by the Flood Disaster Protection Act of 1973.


E. COMMENTS (Optional)

This flood determination is provided solely for the use and benefit of the entity name in Section 1, Box 1 in order to comply with the 1994 Flood Insurance Reform Act and may not be used or relied upon by any other entity or individual for any purpose, including, but not limited to deciding whether to purchase a property or determining the value of a property.

CERTIFY TO :	TYPE OF COVERAGE : Life of Loan	RUSH : NO
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HMDA INFO : ST : CO : MSA : CT :

This determination is based on examining the NFIP map, any Federal Emergency Management Agency revisions to it, and any other information needed to locate the building/mobile home on the NFIP map.

<p>F. PREPARER'S INFORMATION (if other than lender)</p> <p>NAME, ADDRESS, TELEPHONE NUMBER</p>  <p>AMERICAN FLOOD RESEARCH, Inc. 1820 Preston Park Blvd. Suite 1100 Plano, Texas 75093 1-800-995-8667 (TEL) 1-800-995-8669 (FAX)</p>	<p>DATE OF REQUEST : 02/26/2013 DATE OF DETERMINATION : 02/26/2013 CERTIFICATE CONTROL NUMBER : 7968P01A-P32</p>
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Lower Rio Grande Valley Development Council Wetlands Map

Application ID#: [REDACTED]
 Address: [REDACTED]
 City: [REDACTED]

Latitude/Longitude: 1717600.9956/6896741.6227

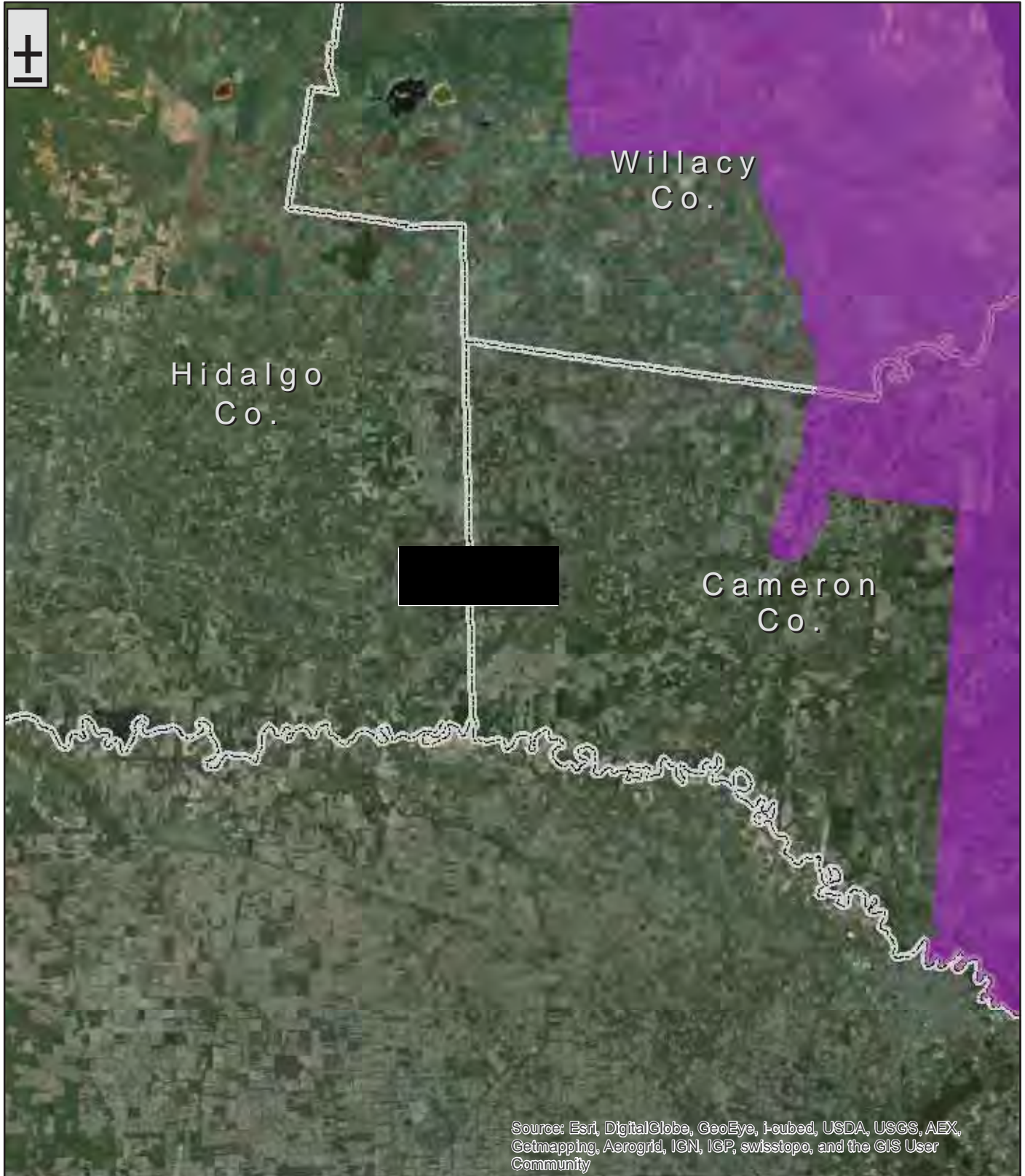


<ul style="list-style-type: none"> Proposed Action Site Parcel 	<p>National Wetlands Inventory</p> <ul style="list-style-type: none"> Estuarine and Marine Deepwater Estuarine and Marine Wetland Freshwater Emergent Wetland Freshwater Forested/Shrub Wetland 	<ul style="list-style-type: none"> Freshwater Pond Lake Other Riverine 	<p style="text-align: right;">1:4,200</p> <p style="text-align: right;">1 inch = 350 feet</p> <div style="text-align: right;"> <p>0 350 700 Feet</p> </div>
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Lower Rio Grande Valley Development Council Coastal Zone Management Map

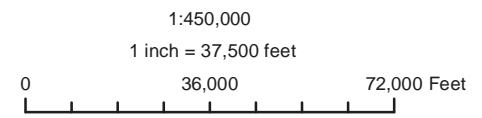
Application ID#: [REDACTED]
Address: [REDACTED]
City: [REDACTED]

Latitude/Longitude: 1717600.9956/6896741.6227



Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

-  Proposed Action Site
-  Coastal Zone Boundary



Site DNL Calculator

For more information on using the noise calculator, to access the user guidebook, or send comments, please visit the following page:

[Day/Night Noise Level Electronic Assessment Tool](#)

Guidelines:

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

Site ID

Record Date 5/2/2013

User's Name

Road # 1 Name:

Road #1			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	781	781	781
Distance to Stop Sign			
Average Speed	55	55	55
Average Daily Trips (ADT)	48760	2120	2120
Night Fraction of ADT	15	15	15
Road Gradient (%)			0
Vehicle DNL	57.2088	43.5915	59.4915
<input type="button" value="Calculate Road #1 DNL"/>	61.5724	<input type="button" value="Reset"/>	

Road # 2 Name:

Road #2			
Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	960	960	960
Distance to Stop Sign			
Average Speed	30	30	30
Average Daily Trips (ADT)	9568	416	416
Night Fraction of ADT	15	15	15
Road Gradient (%)			0
Vehicle DNL	43.5272	29.91	50.2675
<input type="button" value="Calculate Road #2 DNL"/>	51.1633	<input type="button" value="Reset"/>	

Railroad #1 Track Identifier:

Rail # 1		
Train Type	Electric <input type="checkbox"/>	Diesel <input checked="" type="checkbox"/>
Effective Distance		1649
Average Train Speed		22
Engines per Train		2
Railway cars per Train		50
Average Train Operations (ATO)		5
Night Fraction of ATO		15
Railway whistles or horns?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>

Providing Feedback & Corrections

After using the DNL Assessment Tool, following the directions in the User's Guide, users are encouraged to provide feedback on how the DNL Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input to:

ATEC@hud.gov

Related Information

[Day/Night Noise Level Assessment Tool User Guide](#)

[Day/Night Noise Level Assessment Tool Flowcharts](#)

System Requirements

[Internet Explorer 6.0 or above](#)

[Adobe Reader](#)

Enabling JavaScript

Bolted Tracks?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Train DNL		54.3281
Calculate Rail #1 DNL	54.3281	Reset

Airport Noise Level _____

Loud Impulse Sounds? Yes No

Combined DNL for all Road and Rail sources 62.6271

Combined DNL including Airport N/A

Site DNL with Loud Impulse Sound _____

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative**
Cancel the project at this location [DNL Calculator](#)
- **Other Reasonable Alternatives**
Choose an alternate site [DNL Calculator](#)
- **Mitigation**
 - **Contact your Field or Regional Environmental Officer - [Environmental Contacts](#)**
 - **Increase mitigation in the building walls** (only effective if no outdoor, noise sensitive areas).
 - **Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses [DNL Calculator](#)**
 - **Incorporate natural or man-made barriers.** See [The Noise Guidebook](#)
 - **Construct noise barrier.** See the [Barrier Performance Module](#)

Content current as of 13 August 2010

 [Back to top](#)

U.S. DOT - CROSSING INVENTORY INFORMATION
AS OF 10/2/2012

Crossing No.: **427228H** Update Reason: **Changed Crossing** Effective Begin-Date of Record: **04/28/11**
Railroad: **RVSC Rio Valley Switching Co. [RVSC]** End-Date of Record:
Initiating Agency **State** Type and Position: **Public At Grade**

Part I Location and Classification of Crossing

Division: **MISSION BRANCH** State: **TX**
Subdivision: **MISSION** County: **CAMERON**
Branch or Line Name: City: **In LA FERIA**
Railroad Milepost: **0008.25** Street or Road Name: **FM 0506**
Railroad I.D. No.: **S9650L0000** Highway Type & No.: **FM 0506**
Nearest RR Timetable Stn: **LA FERIA** HSR Corridor ID:
Parent Railroad: County Map Ref. No.: **0B**
Crossing Owner: Latitude: **26.1592401**
ENS Sign Installed: Longitude: **-97.8240235**
Passenger Service: Lat/Long Source: **Actual**
Avg Passenger Train Count: **0** Quiet Zone: **No**
Adjacent Crossing with Separate Number:

Private Crossing Information:

Category: Public Access:
Specify Signs: Specify Signals:
ST/RR A ST/RR B ST/RR C ST/RR D

Railroad Use:

State Use:

Narrative:

Emergency Contact: Railroad Contact: State Contact: **(512)486-5052**

Part II Railroad Information

Number of Daily Train Movements: Less Than One Movement Per Day: **No**
Total Trains: **5** Total Switching: **3** Day Thru: **1**
Typical Speed Range Over Crossing: From **15** to **30** mph Maximum Time Table Speed: **30**
Type and Number of Tracks: Main: **1** Other: **0** Specify:
Does Another RR Operate a Separate Track at Crossing? **No**
Does Another RR Operate Over Your Track at Crossing? **No**

U.S. DOT - CROSSING INVENTORY INFORMATION

Crossing **427228H**

Continued

Effective Begin-Date of Record: **04/28/11**

End-Date of Record:

Part III: Traffic Control Device Information

Signs:

Crossbucks:	0	Highway Stop Signs:	0
Advanced Warning:	Yes	Hump Crossing Sign:	
Pavement Markings:	Stop Lines and RR Xing Symbols	Other Signs:	0 Specify:
			0

Train Activated Devices:

Gates:	0	4 Quad or Full Barrier:	
Mast Mounted FL:	0	Total Number FL Pairs:	0
Cantilevered FL (Over):	2	Cantilevered FL (Not over):	0
Other Flashing Lights:	0	Specify Other Flashing Lights:	
Highway Traffic Signals:	0	Wigwags:	0 Bells: 2
Other Train Activated Warning Devices:		Special Warning Devices Not Train Activated:	
Channelization:		Type of Train Detection:	Constant Warning Time
Track Equipped with Train Signals?	No	Traffic Light Interconnection/Preemption:	Simultaneous Preemption

Part IV: Physical Characteristics

Type of Development:	Commercial	Smallest Crossing Angle:	60 to 90 Degrees
Number of Traffic Lanes Crossing Railroad:	4	Are Truck Pullout Lanes Present?	No
Is Highway Paved?	Yes	If Other:	
Crossing Surface:	Timber	Is it Signalized?	
Nearby Intersecting Highway?	Less than 75 feet	Is Crossing Illuminated?	
Does Track Run Down a Street?	No		
Is Commercial Power Available?	Yes		

Part V: Highway Information

Highway System:	Non-Federal-aid	Functional Classification of Road at Crossing:	Urban Collector
Is Crossing on State Highway System:	Yes	AADT Year:	2010
Annual Average Daily Traffic (AADT):	008000	Avg. No of School Buses per Day:	0
Estimated Percent Trucks:	07		
Posted Highway Speed:	30		

Lo er io rande a e e e ope ent Coun i
a ardous u stan es
1 000 t. adius ap

App i ation : [Redacted]
Address: [Redacted]
Cit : [Redacted]

Latitude/Longitude: 1717600.9956/6896741.6227



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ar es	r C eaners	C L
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ro ns ied	L	
C N A		

1 : , 00
1 inch = 00 feet



Hazardous, Toxic or Radioactive Materials & Substances Review

In accordance with 24 CFR Part 58.5 [i][2][i] and [iii]

The purpose of URS' Hazardous, Toxic or Radioactive Materials and Substances review was to assess the potential for hazardous substance contamination on the Proposed Action Site resulting from site activities or from activities conducted on adjoining and surrounding properties. Banks Environmental Data (Banks), an independent environmental database information service, was contracted to review these records. The database search indicated that the Proposed Action Site is located within 3,000 feet of 18 TCEQ PST sites, 8 TCEQ PST/LPST sites, and 1 Resource Conservation and Recovery Act (RCRA) site.

The PST sites located within 3,000 feet of the Proposed Action Site are TCEQ-registered PST facilities; the addresses of these facilities are not listed in the LPST database as having documented releases from the on-site PST(s). Therefore, based on the regulatory status of these sites (i.e. no reported releases) these facilities do not appear to represent an environmental concern to the Proposed Action Site.

The closest of the LPST site is located more than 1,390 feet of the Proposed Action Site. Therefore, based on the distance, the LPST sites do not appear to represent an environmental concern to the Proposed Action Site.

The RCRA site, further defined as a RCRA site without additional information available, is located approximately 1,600 feet of the Proposed Action Site; therefore, based on its distance, it does not appear to represent an environmental concern to the Proposed Action Site.

Based on the review of TCEQ records and topography of the area, the sites with known issues or the potential to impact the Proposed Action Site either have no reported releases or are located crossgradient, downgradient, or at a distance from the Proposed Action Site; therefore, they are not expected to have caused a Recognized Environmental Condition at the site.

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: Nation School Road Low Water Crossing Project/1980-MO-0070

Project Location: Webster County, MO (lat. 37.26757, long. -92.71750)

Project Description: The existing low water crossing of Nation School Road over the Cantrell Creek Tributary of the Osage Fork of the Gasconade River becomes inundated and is impassable for motor vehicles during heavy rainfalls. Webster County proposes to replace the existing low water crossing with a 50-foot-long, single-span bridge or box culvert.

The new crossing would be along the same alignment of the existing roadway and crossing. The project would include approach roadway work, and the replacement project (bridge or box culvert) will be designed to accommodate a 100-year storm event. The replacement project will allow two lanes of traffic and will be designed per the latest Missouri Department of Transportation and American Association of State Highway and Transportation Officials (AASHTO) specifications. A structural engineer will be contracted to determine which alternative—a single-span bridge or box culvert—will be the most economical solution to accommodate the 100-year event.

Documentation Requirements

- No Documentation Required (**Review Concluded**)
- (**Short version**) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. (**Review Concluded**)
- (**Long version**) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC.

National Environmental Policy Act (NEPA) Determination

- Statutorily excluded from NEPA review (**Review Concluded**)
- Programmatic Categorical Exclusion – Category (Reference PCE in comments) (**Review Concluded**)
- Categorical Exclusion – Category XVI
 - No Extraordinary Circumstances exist.
Are project conditions required? Yes (See Section V) No (**Review Concluded**)
 - Extraordinary Circumstances exist. (See Section IV)
 - Extraordinary Circumstances mitigated. (See Section IV comments)
Are project conditions required? Yes (See Section V) No (**Review Concluded**)
- Environmental Assessment
- Supplemental Environmental Assessment (Reference EA or PEA in comments)
- Environmental Impact Statement

Comments: The project is located in the 100-year floodplain and will impact Waters of the U.S. (WOUS) and possibly wetlands and prime farmland soils. The project may affect habitat for up to three federally listed endangered species, and consultation with the U.S. Fish and Wildlife Service (USFWS) is warranted. The project's location in the floodplain and potential impacts on prime farmland soils and federally listed species constitute extraordinary circumstances; therefore, the proposed project does not qualify for Categorical Exclusion xvi, and an Environmental Assessment would be the appropriate NEPA documentation.

Reviewer and Approvals

Project is Non-Compliant (See attached documentation justifying selection).

FEMA Environmental Reviewer

Name: _____

Signature: _____ Date: _____

FEMA Regional Environmental Officer or delegated approving official

Name: _____

Signature: _____ Date: _____

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

Not type of activity with potential to affect historic properties. **(Review Concluded)**

Applicable executed Programmatic Agreement [insert date] Otherwise, conduct standard Section 106 review.

Activity meets Programmatic Allowance #

Are project conditions required? Yes (See Section V) No **(Review Concluded)**

HISTORIC BUILDINGS AND STRUCTURES

No historic properties that are listed or 45/50 years or older in project area. **(Review Concluded)**

Building or structure listed or 45/50 years or older in project area and activity not exempt from review.

Determination of No Historic Properties Affected. (FEMA finding/SHPO/THPO concurrence on file)

Are project conditions required? Yes (see section V) No **(Review Concluded)**

Determination of Historic Properties Affected. (FEMA finding/SHPO/THPO concurrence on file)

Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments.

No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).

Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).

Resolution of Adverse Effect completed (MOA on file).

Are project conditions required Yes (See Section V) No **(Review Concluded)**

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources.
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
 - Project area has potential for presence of archeological resources.
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file).
Are project conditions required? Yes (See Section V) No **(Review Concluded)**
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
Are project conditions required Yes (See Section V) No **(Review Concluded)**
 - NR eligible resources present in project area (FEMA finding/ SHPO/THPO concurrence on file).
 - No Adverse Effect Determination (FEMA finding/ SHPO/THPO concurrence on file).
Are project conditions required? Yes (See Section V) No **(Review Concluded)**
 - Adverse Effect Determination (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed (MOA on file).
Are project conditions required? Yes (see section V) No **(Review Concluded)**

Comments:
Above-Ground Resources:

Potential for Presence of Resources: None
Potential for Project to Affect Resource: None
Mitigation Requirements: Mitigation not anticipated
Status of Agency Coordination: SHPO coordination letter submitted October 10, 2012

A review of Google Earth Pro aerials and Missouri GIS does not indicate any potentially historic buildings are in the viewshed of the proposed project area. The nearest National Register of Historic Places-listed property is 5.48 miles south of the project area. The project area is completely shielded by woods. The potential for adverse effects to above-ground historic properties is low, and mitigation is not anticipated.

The subapplication includes an initial coordination letter sent to the Missouri State Historic Preservation Office (SHPO) on October 10, 2012. No response letter is included in the subapplication.

Archeological Resources:

Potential for Presence of Resources: Low
Potential for Project to Affect Resource: Low
Potential Scale of Identification Efforts: Phase I
Mitigation Requirements: Low
Status of Agency Coordination: SHPO coordination letter submitted October 10, 2012

The project would consist of removing an existing crossing and replacing it with an approximately 50-foot-long, two-lane, single-span bridge or box culvert. The ground in the project area is described in the subapplication as roadway, pasture, and woods. In addition, fill material would be obtained from borrow areas. The location of the borrow area is not documented in the subapplication.

The Missouri Department of Natural Resources (DNR) Archeology Viewer (<http://www.dnr.mo.gov/archviewer/>) indicated that no archaeological surveys or known sites are located within a mile of the project area. The proposed project

crosses over an intermittent stream with no developed alluvial terraces or levees, which indicates there is a low probability of Native American or historic-era archaeological sites. A Phase I archaeological survey may be necessary to determine if the proposed project has the potential to affect undocumented prehistoric or historic archaeological sites, based on SHPO comments.

Tribal Resources:

Potential for Presence of Resources: Low
Potential for Project to Affect Resource: Low
Mitigation Requirements: Mitigation not anticipated
Status of Agency Coordination: Not initiated

There are currently no federally recognized Tribes headquartered in Missouri. The National Native American Graves Protection and Repatriation Act (NAGPRA) online database indicates that eight federally recognized and four other Tribes have expressed interest in Webster County, MO. The eight federally recognized Tribes include the Iowa Tribe of Kansas and Nebraska; Iowa Tribe of Oklahoma; Omaha Tribe of Nebraska; Osage Nation, Oklahoma; Otoe-Missouria Tribe of Indians, Oklahoma; Sac and Fox Nation of Missouri in Kansas and Nebraska; Sac and Fox Nation, Oklahoma; and Sac and Fox Tribe of the Mississippi in Iowa. Other Tribes may also have interest in the area, including the Osage Nation of Indians; Otoe and Missouria Tribe of Indians; Sac and Fox Tribe of Indians of Oklahoma; and Sac and Fox Tribe of Missouri according to <http://grants.cr.nps.gov/nacd/index.cfm>. Missouri does not have a Tribal recognition process according to www.aihsc.info/Tribes.htm.

The subapplication does not document coordination with Tribes. It is recommended that FEMA initiate Section 106 consultation and consult with Tribes that may have an interest in the project area.

Correspondence/Consultation/References:

Google Earth Pro. 2011. Google Earth Pro version 6.1.0.5001.
Historical Arkansas and Missouri Tribes. 2012. American Indian Heritage Support Center. Web site accessed November 29, 2012. <http://www.aihsc.info/Tribes.htm>.
National Register Sites & Districts and Certified Local Districts Interactive Viewer. 2012. Missouri Department of Natural Resources Geographic Information Systems. Web site accessed November 29, 2012. <http://www.dnr.mo.gov/shpo/mapgallery.htm>.
Archeology Data Viewer. 2012. Missouri Department of Natural Resources Geographic Information Systems. Web site accessed November 30, 2012. <http://www.dnr.mo.gov/archviewer/>.
Native American Consultation Database. 2012. National NAGPRA Online Databases. National Park Service, U.S. Department of the Interior. Web site accessed November 29, 2012. <http://grants.cr.nps.gov/nacd/index.cfm>.

B. Endangered Species Act

- No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
 - No effect to species or designated critical habitat. (See comments for justification).
Are project conditions required? Yes (See Section V) No **(Review Concluded)**
 - May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file). **(Review Concluded)**
Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Likely to adversely affect species or designated critical habitat.
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: No information was provided in the subapplication or supplemental documents regarding special status resources. There is a copy of a letter dated October 10, 2012, to the Missouri Department of Conservation requesting information on sensitive environmental concerns, endangered species, or critical habitat. Additional studies and consultation with the USFWS would be needed.

Endangered Species

Potential for Presence of Resources: Resources may be present
 Potential for Project to Affect Resource: Moderate
 Mitigation Requirements: Mitigation may be required
 Status of Agency Coordination: Not initiated

The USFWS lists one endangered and two threatened species with potential to occur in Webster County:

Species	Status	Habitat	Potential to Occur in Project Area
Indiana bat (<i>Myotis sodalis</i>)	Endangered	Hibernacula (caves and mines); maternity and foraging habitats include small stream corridors with well-developed riparian woods and upland forests.	Moderate
Niangua darter (<i>Etheostoma nianguae</i>)	Threatened	This fish prefers clear, shallow pools in medium-sized streams. The Niangua darter prefers streams with gravel or rocky bottoms and cannot live in silty water. Known to be present in only a few tributaries of the Osage River.	Moderate
Virginia sneezeweed (<i>Helenium virginicum</i>)	Threatened	Sinkhole ponds under stressed conditions (i.e., variable hydroperiod, low pH soils, high levels of aluminum and arsenic, low levels of macronutrients and boron).	Moderate

There is no evidence in the subapplication that the subapplicant has contacted the USFWS. FEMA will need to initiate consultation with the USFWS, and a bat survey will likely be needed. Should the Indiana bat be found in the project area, the USFWS may impose construction restrictions and other conditions to avoid or minimize impacts to this species.

Correspondence/Consultation/References:

Missouri Department of Conservation. 2012. Endangered Species. Website visited November 27, 2012. <http://mdc.mo.gov/discover-nature/field-guide/endangered-species>.

USFWS 2012. Missouri County Distribution of Federally Listed Threatened, Endangered, Proposed, and Candidate Species. United States Fish and Wildlife Service. Midwest Region. Web site visited November 27, 2012. <http://www.fws.gov/midwest/endangered/lists/missouri-cty.html>.

C. Coastal Barrier Resources Act

- Project is not on or connected to CBRA Unit or Otherwise Protected Area. **(Review Concluded)**
 - Project is on or connected to CBRA Unit or Otherwise Protected Area. (FEMA determination/USFWS consultation on file)
 - Proposed action an exception under Section 3505.a.6? **(Review Concluded)**
 - Proposed action not excepted under Section 3505.a.6.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: There are no coastal areas in Missouri.

Correspondence/Consultation/References:

USFWS. 2012. Web site visited November 27, 2012. <http://www.fws.gov/CBRA/Maps/index.html#LocatorMaps>.

D. Clean Water Act

- Project would not affect any waters of the U.S. **(Review Concluded)**
- Project would affect waters, including wetlands, of the U.S.
- Project exempted as in kind replacement or other exemption. **(Review Concluded)**
- Project requires Section 404/401/or Section 9/10 (Rivers and Harbors Act) permit, including qualification under Nationwide Permits.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments:

Clean Water Act

Potential for Presence of Resource: Resource known to be present

Potential for Project to Affect Resource: Moderate

Mitigation Requirements: Mitigation requirements likely

Status of Agency Coordination: Permit application submitted October 10, 2012

The proposed project has the potential to affect jurisdictional WOUS and may have impacts on wetlands. To determine if any wetlands exist in the project area, a preliminary jurisdictional determination would need to be conducted. The USFWS National Wetlands Inventory (NWI) maps were reviewed and do not show any wetlands. However, a field visit should be conducted to confirm this.

Since Cantrell Creek is considered a WOUS, the subapplicant would need to coordinate with the U.S. Army Corps of Engineers (USACE) to determine if a Section 404 Individual or Nationwide permit is required. The subapplicant should specifically address the Best Management Practices (BMPs) that would be implemented to prevent degradation of water quality downstream. The subapplication includes a letter and a Section 404 permit application dated October 10, 2012, which was submitted to the USACE St. Louis District.

The project subapplication does not specify the number of acres of disturbance associated with the proposed project. The Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) program requires a permit for all construction activities that disturb more than 1 acre. If the proposed project would disturb more than 1 acre, the subapplicant would need to obtain an NPDES permit from the Missouri DNR Water Pollution Control Branch before starting construction activities. As part of the NPDES permitting process, the subapplicant would also need to prepare a Storm Water Pollution Prevention Plan (SWPPP) describing BMPs that would be used to prevent or minimize soil erosion and the movement of sediment during construction. In addition, a Clean Water Act Section 401 Water Quality Certification would need to be obtained from the Missouri DNR.

Correspondence/Consultation/References:

HMGP Project Subapplication 1980-MO-0070.

USFWS National Wetlands Inventory Mapper. 2012. Web site visited November 27, 2012.

<http://107.20.228.18/Wetlands/WetlandsMapper.html>.

E. Coastal Zone Management Act

- Project is not located in a coastal zone area and does not affect a coastal zone area. **(Review concluded)**
- Project is located in a coastal zone area and/or affects the coastal zone.
- State administering agency does not require consistency review. **(Review Concluded)**
- State administering agency requires consistency review.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: There are no coastal areas in Missouri.

Correspondence/Consultation/References:

F. Fish and Wildlife Coordination Act

- Project does not affect, control, or modify a waterway/body of water. **(Review Concluded)**
- Project affects controls or modifies a waterway/body of water.
- Coordination with USFWS conducted.
- No Recommendations offered by USFWS. **(Review Concluded)**
- Recommendations provided by USFWS.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: The proposed project is for a crossing over Cantrell Creek and is unlikely to modify the creek in a manner that triggers the Fish and Wildlife Coordination Act. No information is provided in the project subapplication regarding changes to hydrology/hydraulics; however, a hydrology/hydraulics analysis is required because the new single-span bridge or box culvert may have a larger water conveyance capacity. No analysis has been conducted by a qualified engineer to demonstrate how drainage and flood flow patterns would be changed and identify downstream and upstream effects.

Correspondence/Consultation/References:
HMGP Project Subapplication 1980-MO-0070.

G. Clean Air Act

- Project will not result in permanent air emissions. **(Review Concluded)**
- Project is located in an attainment area. **(Review Concluded)**
- Project is located in a non-attainment area.
- Coordination required with applicable state administering agency.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: The project would not result in permanent air emissions and is located in an attainment area.

Correspondence/Consultation/References:
U.S. Environmental Protection Agency (EPA). 2012. EPA Greenbook Nonattainment Area County-level Data Download. Web site visited November 28, 2012. http://www.epa.gov/oar/oaqps/greenbk/data_download.html.

H. Farmland Protection Policy Act

- Project does not affect designated prime or unique farmland. **(Review Concluded)**
- Project causes unnecessary or irreversible conversion of designated prime or unique farmland.
- Coordination with Natural Resource Conservation Commission required.
- Farmland Conversion Impact Rating, Form AD-1006, completed.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: The project area is entirely Cedargap gravelly silt loam, which is classified as Prime Farmland if protected from flooding or not frequently flooded during the growing season. Therefore, the subapplicant would need to coordinate with the Natural Resources Conservation Service (NRCS) and complete Form AD-1006.

Correspondence/Consultation/References:
NRCS. 2012. Web Soil Survey. USDA Natural Resources Conservation Service. Web site visited October 3, 2012. <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.

I. Migratory Bird Treaty Act

- Project not located within a flyway zone. **(Review Concluded)**
- Project located within a flyway zone.
- Project does not have potential to take migratory birds. **(Review Concluded)**
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**
- Project has potential to take migratory birds.
- Contact made with USFWS.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: The subapplication is unclear about whether the new crossing of Cantrell Creek would include removing trees. If trees would be removed, under the Migratory Bird Treaty Act, construction activities that would otherwise result in the taking of migratory birds, eggs, young, and/or active nests should be avoided. Although the provisions of the Act are applicable year-round, nesting and fledging activities of most migratory birds in Missouri occur between April and August; therefore, removal of trees during this period should be restricted unless approved by USFWS.

Correspondence/Consultation/References:

Flyways.us. 2012. Flyway maps. Web site visited November 28, 2012. <http://www.flyways.us/flyways/info>.

J. Magnuson-Stevens Fishery Conservation and Management Act

- Project not located in or near Essential Fish Habitat. **(Review Concluded)**
- Project located in or near Essential Fish Habitat.
- Project does not adversely affect Essential Fish Habitat. **(Review Concluded)**
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**
- Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file).
- NOAA Fisheries provided no recommendation(s). **(Review Concluded)**
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**
- NOAA Fisheries provided recommendation(s).
- Written reply to NOAA Fisheries recommendations completed.
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: No fish species or essential fish habitat regulated by the Magnuson-Stevens Fishery Conservation and Management Act exists in Missouri.

Correspondence/Consultation/References:

National Oceanic and Atmospheric Administration. 2012. Essential Fish Habitat Mapper. Web site visited November 28, 2012. <http://www.habitat.noaa.gov/protection/efh/efhmapper/index.html>.

K. Wild and Scenic Rivers Act

- Project is not along and does not affect Wild or Scenic River (WSR). **(Review Concluded)**
- Project is along or affects WSR.
- Project adversely affects WSR as determined by NPS/USFS. **FEMA cannot fund the action.** (NPS/USFS/USFWS/BLM consultation on file) **(Review Concluded)**
- Project does not adversely affect WSR. (NPS/USFS/USFWS/BLM consultation on file)
- Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: Webster County contains no rivers classified as a Wild or Scenic River.

Correspondence/Consultation/References:

National Wild and Scenic Rivers System. 2012. Designated Rivers Interactive Map. Web site visited November 28, 2012. <http://www.rivers.gov/rivers/maps/conus.php>.

L. Other Relevant Laws and Environmental Regulations

Identify relevant law or regulations, resolution and any consultation/references: Not applicable.

II. Compliance Review for Executive Orders

A. EO 11988 - Floodplains

- No Effect on Floodplains/Flood levels and project outside Floodplain. **(Review Concluded)**
- Located in Floodplain or Effects on Floodplains/Flood levels.
 - No adverse effect on floodplain and not adversely affected by the floodplain. **(Review Concluded)**,
Are project conditions required? Yes (See Section V) No **(Review Concluded)**
 - Beneficial Effect on Floodplain Occupancy/Values. **(Review Concluded)**.
 - Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment.
 - 8-Step Process Complete and documentation on file
Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments: The subapplication includes a copy of Flood Insurance Rate Map (FIRM) Panel 29225C0200B (effective date September 17, 2010) showing the entire project area is in Zone A, an area within the 100-year floodplain with no base flood elevations provided. The project would require the subapplicant to complete the 8-Step Decision-Making Process and obtain a Floodplain Development Permit from the local floodplain administrator for construction in a floodplain.

Correspondence/Consultation/References:
HMGP Project Subapplication 1980-MO-0070, page 6 of 27 – FIRM Panel 29225C0200B.

B. EO 11990 - Wetlands

- No Effects on Wetland(s) and project located outside Wetland(s). **(Review Concluded)**
- Located in Wetland or affects Wetland(s).
 - Beneficial Effect on Wetland. **(Review Concluded)**
 - Possible adverse effect associated with constructing in or near wetland.
 - Review completed as part of floodplain review.
 - 8-Step Process Complete and documentation on file.
Are project conditions required? Yes (See Section V) No **(Review Concluded)**

Comments:
Wetlands

Potential for Presence of Resource:	Resource may be present
Potential for Project to Affect Resource:	Minor to Moderate
Mitigation Requirements:	Mitigation may be required
Status of Agency Coordination:	Permit application submitted October 10, 2012

The proposed project has the potential to impact wetlands. To determine if any wetlands exist along the project route, a preliminary jurisdictional determination would need to be conducted. The NWI maps do not show any wetlands in the project vicinity, but this should be verified in the field. The subapplication includes a letter and Section 404 permit application dated October 10, 2012, that was submitted to the USACE St. Louis District.

Correspondence/Consultation/References:
HMGP Project Subapplication 1980-MO-0070.
USFWS National Wetlands Inventory Mapper. 2012. Web site visited November 27, 2012.
<http://107.20.228.18/Wetlands/WetlandsMapper.html>.

C. EO 12898 - Environmental Justice for Low Income and Minority Populations

- No low income or minority population in, near or affected by the project. **(Review Concluded)**
- Low income or minority population in or near project area.
 - No disproportionately high and adverse impact on low income or minority population. **(Review Concluded)**
 - Disproportionately high or adverse effects on low income or minority population.
- Are project conditions required? Yes (See Section V) No. **(Review Concluded)**

Comments: The 2010 U.S. Census Bureau data for Webster County indicate that 3.7 percent of the population is non-white. In addition, 12.4 percent of families have household incomes that are below the poverty level, which is slightly more than the U.S. average of 10.1 percent in 2010.

The proposed project is likely to benefit everyone in the project vicinity, although it may cause some temporary adverse impacts. However, it appears the proposed action would not have a disproportionate adverse effect on any population, including low-income or minority populations.

Correspondence/Consultation/References:
U.S. Census Bureau. 2010. American Fact Finder2. Census 2010 Summary. Web site visited November 28, 2012. <http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml>.

III. Other Environmental Issues

Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

Comments:
Executive Order 13112, Invasive Species: The subapplication should explain how the project area will be restored and what measures will be used to control invasive species.

Utility Marking: The Missouri Underground Facility Safety and Damage Prevention Statute requires the Missouri One Call System to be notified prior to any digging.

Correspondence/Consultation/References:
The National Invasive Species Council. 2012. Web site visited November 28, 2012. <http://www.invasivespecies.gov/>.

IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

* A “Yes” under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes

- (i) Greater scope or size than normally experienced for a particular category of action
- (ii) Actions with a high level of public controversy
- (iii) Potential for degradation, even though slight, of already existing poor environmental conditions;
- (iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
- (v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
- (vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
- (vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;

- (viii) Potential for adverse effects on health or safety; and
- (ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
- (x) Potential for significant cumulative impact when the proposed action is combined with other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.

Comments: There are potential adverse effects associated with constructing in or near wetlands, WOUS, prime farmlands, and floodplains. In addition, there is a potential to affect Threatened and Endangered species.

Correspondence/Consultation/References: NA

V. Environmental Review Project Conditions

General comments: Additional details regarding proposed project features will be needed to complete an Environmental Assessment. The subapplicant should provide a specific location and detailed description for each of the project features listed in the itemized budget. For example, the subapplication should have more details about the design of the structure (single-span bridge or box culvert). Methods for mitigating effects on environmental resources, including BMPs and avoidance, should be further addressed. The subapplication should specifically discuss the number of acres that will be disturbed. More information will be needed to determine potential project impacts on endangered species.

In addition, the following information should be included in the subapplication:

- Copies of consultation letters between the subapplicant and the USFWS
- Verification of a good-faith effort for consultation with appropriate Tribes, Native American groups, or other potential consulting parties who may hold an interest in the project or project area
- Details about post-project floodplain conditions relative to the pre-project condition

Project Conditions: The subapplicant would need to obtain an NPDES permit and a 401 Water Quality Certification from the Missouri DNR, prepare a SWPPP describing BMPs (including the proposed sediment and erosion control features), and coordinate with USACE to determine if a Section 404 Individual or Nationwide permit is required. Consultation with the USFWS regarding endangered species must also be completed.

Monitoring Requirements: N/A

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: Town of Union Floodwall Project, LPDM-PJ-02-NY-2010-001

Project Location: Town of Union, New York

Project Description: The Town of Union, NY (the Town) has suffered several flood events from the Susquehanna River along existing water conveyance paths and from Gray Creek, especially in the Fairmont Park subdivision. Frequent flood events have resulted in damages to residential and commercial properties. To reduce the potential for flooding and the resulting damages, the Town has proposed constructing a floodwall and closure system to protect the Fairmont Park area from floods exceeding the 100-year flood level. The proposed project would involve construction of a 120-foot-long, 5-foot-wide concrete floodwall along Watson Boulevard and a closure structure across Watson Boulevard. The closure structure would be comprised of a concrete barrier with metal gate. The gate would remain open unless there was potential for flooding, in which case the Town would temporarily close the gate so that flood waters would stay in the Gray Creek floodplain and not enter the Fairmont Park area. The Town would construct the proposed project in an existing Broome County right-of-way easement.

National Environmental Policy Act (NEPA) Determination

- Statutorily excluded from NEPA review. (**Review Concluded**)
- Categorical Exclusion - Category _____ Type Single Project
 - No Extraordinary Circumstances exist.
 - Are project conditions required? Yes (see section V) No (**Review Concluded**)
 - Extraordinary Circumstances exist (See Section IV).
 - Extraordinary Circumstances mitigated. (See Section IV comments)
 - Are project conditions required? Yes (see section V) No (**Review Concluded**)
 - Environmental Assessment required. See FONSI for determination, conditions and approval.
- Environmental Assessment required. See FONSI for determination, conditions and approval.

Comments: FEMA has determined that the proposed project qualifies for the Categorical Exclusion defined in 44 CFR part 10.8 (d)(2) xvi.

Reviewer and Approvals

FEMA Environmental Reviewer

Name:

Signature _____ . Date _____

FEMA Regional Environmental Officer or delegated approving official.

Name:

Signature _____ . Date _____

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

- Not type of activity with potential to affect historic properties. **(Review Concluded)**
- Applicable executed Programmatic Agreement . (insert date) Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance # _____
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

HISTORIC BUILDINGS AND STRUCTURES

- No historic properties 50 years or older in project area. **(Review Concluded)**
- Building or structure 50 years or older in project area and activity not exempt from review.
 - Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
 - No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required Yes (see section V) No **(Review Concluded)**

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination . (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

Comments:

Correspondence/Consultation/References: SHPO finding of “no effect” received on May 8, 2013.

B. Endangered Species Act

- No listed species and/or designated critical habitat present in the action area. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the action area.
 - No effect to species or designated critical habitat. (See comments for justification) **(Review Concluded)**
 - May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**
 - Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
 - Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:

C. Coastal Barrier Resources Act

- Project is not located in Coastal Barriers Resource System or Otherwise Protected Area.
 - Project does not affect a coastal barrier within the COBRA System (regardless of in or out) **(Review Concluded)**
 - Project is located in a coastal barrier system and/or affects a coastal barrier. (FEMA determination/USFWS consultation on file)
 - Proposed action an exception under Section 3505.a.6? **(Review Concluded)**
 - Proposed action not excepted under Section 3505.a.6.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

D. Clean Water Act

- Project site located outside of and would not affect any waters of the U.S. **(Review Concluded)**
 - Project site located in or would affect waters, including wetlands, of the U.S.
 - Project exempted as in kind replacement or other exemption. **(Review Concluded)**
 - Project requires Section 404/401/10 permit, including qualification under Nationwide Permits.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

E. Coastal Zone Management Act

- Project does not affect a coastal zone area (regardless of in or out)- **(Review concluded)**
 - Project is not located in a coastal zone area – **(Review concluded)**
 - Project is located in a coastal zone area and/or affects the coastal zone
 - State administering agency does not require consistency review. **(Review Concluded)**.
 - State administering agency requires consistency review.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

F. Fish and Wildlife Coordination Act – *not applicable to financial assistance*

G. Clean Air Act

- Project will not result in permanent air emissions. **(Review Concluded)**
 - Project is located in an attainment area. **(Review Concluded)**
 - Project is located in a non-attainment area.
 - Coordination required with applicable state administering agency..
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

H. Farmlands Protection Policy Act

- Project does not affect prime or unique farmland. **(Review Concluded)**
 - Project causes unnecessary or irreversible conversion of prime or unique farmland.
 - Coordination with Natural Resource Conservation Commission required.
 - Farmland Conversion Impact Rating, Form AD-1006, completed.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

I. Migratory Bird Treaty Act

- Project not located within a flyway zone. **(Review Concluded)**
- Project located within a flyway zone.
 - Project does not have potential to take migratory birds. **(Review Concluded)**
 - Project has potential to take migratory birds.
 - Contact made with USFWS
 - Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

J. Magnuson-Stevens Fishery Conservation and Management Act

- Project not located in or near Essential Fish Habitat. **(Review Concluded)**
- Project located in or near Essential Fish Habitat.
 - Project does not adversely affect Essential Fish Habitat. **(Review Concluded)**
 - Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)
 - NOAA Fisheries provided no recommendation(s) **(Review Concluded).**
 - NOAA Fisheries provided recommendation(s)
 - Written reply to NOAA Fisheries recommendations completed.
 - Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

K. Wild and Scenic Rivers Act

- Project is not along and does not affect Wild or Scenic River - **(Review Concluded)**
- Project is along or affects Wild or Scenic River
 - Project adversely affects WSR as determined by NPS/USFS. **FEMA cannot fund the action.** (NPS/USFS/USFWS/BLM consultation on file)
 - Project does not adversely affect WSR. (NPS/USFS/USFWS/BLM consultation on file)
 - Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:
Correspondence/Consultation/References:

L. Other Relevant Laws and Environmental Regulations

Identify relevant law or regulations, resolution and any consultation/references: None.

II. Compliance Review for Executive Orders

A. E.O. 11988 - Floodplains

- Outside Floodplain and No Effect on Floodplains/Flood levels - **(Review Concluded)**
- Located in Floodplain or Effects on Floodplains/Flood levels
 - No adverse effect on floodplain or can be adversely affected by the floodplain. **(Review Concluded),**
 - Beneficial Effect on Floodplain Occupancy/Values **(Review Concluded).**
 - Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
 - 8 Step Process Complete - documentation on file
 - Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Review of Flood Insurance Rate Map community panel number 8600560025B shows the proposed project is located in a Special Flood Hazard Area. In accordance with EO 11988, FEMA completed the Eight-Step Planning Process for Floodplains to identify, minimize, and mitigate floodplain impacts. The Town of Union would be required to coordinate with the local floodplain administrator and obtain any required permits prior to initiating work. Although the proposed project would result in a minor modification of a floodplain, it would result in long-term beneficial impacts by protecting structures that have been damaged by continual flooding and would not create adverse flooding impacts in the floodplain or downstream.

Correspondence/Consultation/References:

B. E.O. 11990 - Wetlands

- Outside Wetland and No Effect on Wetland(s) - **(Review Concluded)**
- Located in Wetland or effects Wetland(s)
 - Beneficial Effect on Wetland - **(Review Concluded)**
 - Possible adverse effect associated with constructing in or near wetland
 - Review completed as part of floodplain review
 - 8 Step Process Complete - documentation on file
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:

Correspondence/Consultation/References:

C. E.O. 12898 - Environmental Justice For Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - **(Review Concluded)**
- Low income or minority population in or near project area
 - No disproportionately high and adverse impact on low income or minority population- **(Review Concluded)**
 - Disproportionately high or adverse effects on low income or minority population
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments:

Correspondence/Consultation/References:

III. Other Environmental Issues

Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

Comments:None.

Correspondence/Consultation/References:

IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

* A "Yes" under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes

- (i) Greater scope or size than normally experienced for a particular category of action
- (ii) Actions with a high level of public controversy
- (iii) Potential for degradation, even though slight, of already existing poor environmental conditions;

- (iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
- (v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
- (vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
- (vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;
- (viii) Potential for adverse effects on health or safety; and
- (ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
- (x) Potential for significant cumulative impact when the proposed action is combined with other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.

Comments:

V. Environmental Review Project Conditions

General comments: There are no conditions required for successful completion of this project and for compliance with applicable Federal and State environmental regulations.

Project Conditions: None.

Monitoring Requirements: None.



Tab 9 – Subcontracts



SUBCONTRACTS

URS has all the in-house resources to meet the requirements of this solicitation. However, should specific unanticipated technical needs arise under individual task orders, URS will meet the NJ-registered SDB goals outlined in the solicitation by using firms with which we have established working.



Tab 10 – Subcontractor References



SUBCONTRACTOR REFERENCES

Not Applicable: As stated previously in Tab 9 all of the services for this contract will be provided through our in-house resources.

N.J.S.A. 5 : 4- . CERTIFICATION
SOURCE DISCLOSURE CERTIFICATION FORM

Contractor: URS Group Inc

aiver Number: RFQ787923S

I hereby certify and say:

I have personal knowledge of the facts set forth herein and am authori ed to make this Certification on behalf of the Contractor.

The Contractor submits this Certification in response to the referenced contract issued by the ivision of Purchase and Property, epartment of the Treasury, State of New Jersey (the ivision), in accordance with the requirements of N.J.S.A. 52:3 - 3.2.

Instructions:

L C S
 If any of the services cannot be performed within the nited States, the Contractor shall state, with specificity the reasons why the services cannot be so performed. Attach additional pages if necessary.

L Contractor and or Subcontractor	P escription of Services	L COUNTRY	S easons why services cannot be performed in USA
URS Group Inc	Prime Contractor	USA	

Any changes to the information set forth in this Certification during the term of any contract awarded under the referenced solicitation or extension thereof will be immediately reported by the Contractor to the irector, ivision of Purchase and Property (the irector).

The irector shall determine whether sufficient ustification has been provided by the Contractor to form the basis of his certification that the services cannot be performed in the nited States and whether to seek the approval of the Treasurer.

I understand that, after award of a contract to the Contractor, it is determined that the Contractor has shifted services declared above to be provided within the nited States to sources outside the nited States, prior to a written determination by the irector that extraordinary circumstances require the shift of services or that the failure to shift the services would result in economic hardship to the State of New Jersey, the Contractor shall be deemed in breach of contract, which contract will be sub ect to termination for cause pursuant to Section 3.5b. of the Standard Terms and Conditions.

I further understand that this Certification is submitted on behalf of the Contractor in order to induce the ivision to accept a bid proposal, with knowledge that the ivision is relying upon the truth of the statements contained herein.

I certify that, to the best of my knowledge and belief, the foregoing statements by me are true. I am aware that if any of the statements are willfully false, I am sub ect to punishment.

Contractor: URS Group Inc

Name of rgani ation or ntity

y: 

Title: Vice President

Print Name: Michael Richardson

ate: June 27, 2013



Cost Quote Price Schedule/Sheet



Request for Program Manager Contractor and Environmental Assessment Field Contractors for
Environmental and Historic Preservation Reviews New Jersey's CDBG-DR Grant Program
Cost Spreadsheet - RF07879235

Line No.	Description	Unit	Estimated Quantity	Year 1	Year 1 Total	Year 2	Year 2 Total	Year 3	Year 3 Total
1	Exempt (1 to 100)	Each	100	\$ 257	\$ 25,700	N/A	N/A	N/A	N/A
2	Exempt (100 to 200)	Each	100	\$ 229	\$ 22,900	N/A	N/A	N/A	N/A
3	Exempt (200 +)	Each	100	\$ 229	\$ 22,900	\$ 235	\$ 23,500	\$ 242	\$ 24,200
4	CEST (1 to 100)	Each	100	\$ 853	\$ 85,300	\$ 877	\$ 87,700	\$ 908	\$ 90,800
5	CEST (100 to 200)	Each	100	\$ 748	\$ 74,800	\$ 769	\$ 76,900	\$ 791	\$ 79,100
6	CEST (200 +)	Each	100	\$ 715	\$ 71,500	\$ 735	\$ 73,500	\$ 756	\$ 75,600
7	Non-tiered EA (1 to 100)	Each	100	\$ 7,028	\$ 702,800	\$ 7,231	\$ 723,100	\$ 7,508	\$ 750,800
8	Non-tiered EA (100 to 200)	Each	100	\$ 6,067	\$ 606,700	\$ 6,241	\$ 624,100	\$ 6,488	\$ 648,800
9	Non-tiered EA (200 +)	Each	100	\$ 5,385	\$ 538,500	\$ 5,539	\$ 553,900	\$ 5,765	\$ 576,500
10	Tier 2 Site Specific Review (1 to 100)	Each	100	\$ 1,167	\$ 116,700	\$ 1,200	\$ 120,000	\$ 1,268	\$ 126,800
11	Tier 2 Site Specific Review (100 to 200)	Each	100	\$ 1,058	\$ 105,800	\$ 1,087	\$ 108,700	\$ 1,151	\$ 115,100
12	Tier 2 Site Specific Review (200 +)	Each	100	\$ 962	\$ 96,200	\$ 989	\$ 98,900	\$ 1,050	\$ 105,000
13	FEMA Addendum	Each	UNK	\$ 559	UNK	\$ 573	UNK	\$ 588	UNK
14	Reporting Functions	Month	12	\$ 752	\$ 9,024	\$ 774	\$ 9,288	\$ 797	\$ 9,564
15	Environmental Impact Statement	Each	UNK	\$ 443,041		\$ 455,416		\$ 470,805	

Line No.	Labor Title	Hourly Rate Year 1	Hourly Rate Year 2	Hourly Rate Year 3
16	Principal	\$ 189.19	\$ 194.87	\$ 200.72
17	Program Director	\$ 152.90	\$ 157.48	\$ 162.20
18	Task Manager	\$ 121.93	\$ 125.59	\$ 129.36
19	Field Manager	\$ 108.36	\$ 111.61	\$ 114.96
20	Field Professional	\$ 76.78	\$ 79.08	\$ 81.45
21	Principal/Senior EnvH. Scientist/Engineer/Architect	\$ 146.04	\$ 150.42	\$ 154.93
22	Principal/Senior Biologist	\$ 142.50	\$ 146.77	\$ 151.17
23	Principal/Senior Historic Preservation Specialist	\$ 142.50	\$ 146.77	\$ 151.17
24	Senior Hydrogeologist	\$ 142.50	\$ 131.17	\$ 120.74
25	Junior Hydrogeologist	\$ 68.71	\$ 70.78	\$ 72.91
26	Field Associate	\$ 61.06	\$ 62.89	\$ 64.77
27	Field Observer	\$ 55.14	\$ 56.79	\$ 58.49
28	Staff Environmental Scientist/Engineer/Architect	\$ 110.75	\$ 114.07	\$ 117.49
29	Hydrogeologist	\$ 86.40	\$ 88.99	\$ 91.66
30	Senior Technician	\$ 59.58	\$ 61.37	\$ 63.21
31	Junior Technician	\$ 48.55	\$ 50.01	\$ 51.51
32	Senior GIS Specialist	\$ 115.65	\$ 119.12	\$ 122.69
33	Junior GIS Specialist	\$ 70.13	\$ 72.24	\$ 74.41
34	Administrative Support / Data Entry	\$ 62.25	\$ 64.12	\$ 66.05

Cost Quote Price Schedule 2 EAF Contractor – Firm Fixed Pricing Assumptions

Lines 1, 2, and 3 – Exempt

- No site visit is required for 24 CFR 58.6 determinations
- This includes all CENST reviews

Lines 4, 5, and 6 – Categorically Excluded Subject to 58.5

- Includes Data Collection site visit. This includes photographs supporting all desktop reviews and a fence line inspection to get information regarding above ground storage tanks, any initial toxic information, birds nesting, etc.
- All other activities are desktop review. Required site visits to complete the ERR would be included under Lines 10, 11, and 12
- Includes no coordination with requisite agencies. Required coordination with requisite agencies would be included under Lines 10, 11, and 12
- ERR to be submitted as .pdf to DEP. Electronic submission is available
- Does not include publication for Special Flood Hazard Area notification. Areawide compliance document will be used Steps 2 and 7 in the 8-step process
- Includes publication for NOI / RROF and preparation of RROF paperwork for transference to DEP for submittal to HUD (Note: it is not known why the DEP did not request a Programmatic RROF. A Programmatic RROF could save significant costs for publication for all CEST reviews)
- All ERRs will have publication for NOI / RROF and RROF preparation although some of the CEST will fall to Exempt in accordance with 24 CFR 58.34 (a)(12). There is an assumption in the cost table for \$100 per publication.
- Assumes no noise assessment studies due to exemption for noise requirements based on 24 CFR 51.101 (a)(3)
- Any information relative to construction purposes (flood plain elevation, migratory birds, wetlands, etc.) that could impact placement of the structure will be submitted as conditions to the DEP for delivery to the RREM Contractors

Lines 7, 8, and 9 – Non-tiered Environmental Assessments (Note: Tiered EAs would be less costly than Non-tiered EAs)

- Assumes majority of any EAs will be for multi-family housing and not infrastructure projects
- Assumes no requirements for Phase I and Phase II ASTM EAs due to project assumption of multi-family housing projects. These will include HUD standards and all NEPA requirements for EAs.
- Includes all travel, labor, expenses, communication with agencies, etc. required for performance of the EA. Also includes all publications for FONSI and NOI / RROF
- Includes detailed reports will requisite information and electronic submittals

Lines 10, 11, and 12 – Tier 2 Site Specific Reviews

- Includes all required site visits for support and completion of CEST reviews (Archaeology, Architectural History, Wetlands, Threatened and Endangered Species, Migratory Bird Act, Detailed Toxic determination, and other reviews as necessary)
- Assume approximately 10 to 15 percent of all applications will required Tier 2 site specific review visits
- Does not include Lead Based Paint inspection, asbestos inspection, etc. This visit will be performed outside of the applicant structure. We are aware that some of the RREM Contractors will perform LBP, asbestos, and mold inspections. We are assuming that this information will be made available for our review of the Toxics Review Topic.
- Any information relative to construction purposes (flood plain elevation, migratory birds, wetlands, etc.) that could impact placement of the structure will be submitted as conditions to the DEP for delivery to the RREM Contractors

Line 13 – FEMA Addendum

- Includes a site visit to gather FEMA information on approved DEP statutory checklist
- Includes a separate visit for FEMA information development without knowing specifically if there will be any visits that coincide with other site visits required for environmental reviews. If the site visits coincide, a reduced rate will be available
- Document in accordance with 44 CFR Part 10

Line 14 – Reporting Functions

- Information managed and reports submitted as in accordance with RFP

Line 15 – Environmental Impact Statement

- The costs reflected in the Cost Table are indicative of an average EIS for these types of programs. EIS costs can range from \$100K to \$2MM or higher dependent upon the actual scope of work of the target project and the potential for environmental concerns in the targeted area. We will be able to give specific costs of the EIS once additional information would be known.

3.210 Environmental Investigations

1. Engineering Studies – not anticipated
2. Phase I ESA (ASTM-E 1527-05) – not anticipated
3. Phase I ESA, Phase II ESA, Noise Assessment – not anticipated
4. State jurisdictional wetlands delineation – minor number
5. Cultural resource surveys or studies – some limited study for housing determination
6. Asbestos, lead, and radon testing – no testing for asbestos (RREM contractor to provide visual information) or radon (Tier I review indicates low potential for radon). Testing for Lead Based Paint will be provided by some RREM contractors (based upon some conversations). If Lead Based Paint visual assessment and testing is required separately, a cost of about \$385 would be required. Additional costs would be incurred if a Lead Based Paint Risk Assessment is required.